HP Project and Portfolio Management Center

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Data Model Guide

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Contents

1 Getting Started with the PPM Center Data Model . . . 21
About this Document . . . 21
Restrictions . . . 21

2 Entity Relationship Diagrams . . . 23
Conventions Used in the Entity Relationships Diagrams . . . 23
Entity Relationship Diagrams . . . 24
Foundation Diagrams . . . 24
HP Demand Management Diagrams . . . 42
HP Project Management Diagrams . . . 45
HP Time Management Diagrams . . . 49
HP Resource Management Diagrams . . . 51
HP Program Management Diagrams . . . 55
HP Portfolio Management Diagrams . . . 56
HP Financial Management Diagrams . . . 58
HP Deployment Management Diagrams . . . 60
HP Center Management for Quality Center Diagrams . . . 67
Integrations Diagrams . . . 68
Operational Reporting Diagrams . . . 70

3 Operational Reporting Tables and Views . . . 79
Operational Reporting Data Tables . . . 79
Operational Reporting Views . . . 82
CDC Tables Copied Over from The PPM Center Database . . . 83

4 Table Definitions . . . 89
FM_APPROVED_BUDGETS . . . 90
FM_BENEFIT_LINES . . . 93
FM_BENEFIT_PERIOD_SUM . . . 95

FM_BENEFITS 97
FM_COST_CONTOUR_COMPONENTS 99
FM_COST_CONTOURS 101
FM_COST_FACTOR_VALS 103
FM_COST_FACTORS 104
FM_COST_RATE_RULE_UPDATES 106
FM_COST_RATES 108
FM_COST_RULES 110
FM_CRR_QUEUE_ENTRIES 112
FM_CUMULATIVE_COST_BY_WEEK 113
FM_EXCHANGE_RATES 120
FM_FINANCIAL_LINE_CELLS 122
FM_FINANCIAL_SUMMARY 124
FM_FORECAST_ACTUAL_LINES 127
FM_FORECAST_ACTUAL_PERIOD_SUM 129
FM_FORECAST_ACTUALS 136
FM_SUPPLY_BUDGETS 138
FM_USER_DATA 139
ITG_ACCESS_CONTROL_ENTRIES 142
ITG_ACTIVITIES 144
ITG_AUDIT_EVENTS 146
ITG_CALENDAR 149
ITG_COMPONENTS 150
ITG_GROUP_PARTICIPANT_TRUSTEE 153
ITG_GROUP_PARTICIPANT_USERS 154
ITG_NOTES 155
ITG_PENDING_ROLLUPS 157
ITG_SECURABLE_ENTITIES 159
ITG_SECURITY_ACES 160
ITG_SECURITY_GROUP_TRUSTEES 161
ITG_SETTINGS_ATTRIBUTES 162
ITG_SETTINGS_CONT_ATTRS 164
ITG_SETTINGS_CONTAINER_CHLDRN 165
ITG_SETTINGS_CONTAINERS 166
ITG_TRUSTEE 168
KACC_ACCELERATORS 170
KACC_PLUG_TAB_INSTANCES 172
KACC_PLUG_TABS 174

KCRT_CONTACTS 176
KCRT_CONTACTS_INT 178
KCRT_DEFAULTS_MATRIX 180
KCRT_FG_CMDB_APPLICATION 182
KCRT_FG_CMDB_APPLICATION_INT 183
KCRT_FG_CMQC_APP_PROJECT 185
KCRT_FG_CMQC_APP_PROJECT_INT 186
KCRT_FG_CMQC_PROJ_STATUS_INT 189
KCRT_FG_CMQC_PROJECT_STATUS 192
KCRT_FG_CMQC_QC_ADMIN 193
KCRT_FG_CMQC_QC_ADMIN_INT 194
KCRT_FG_CMQC_QC_INSTANCE 197
KCRT_FG_CMQC_QC_INSTANCE_INT 198
KCRT_FG_CMQC_TEST_PROJECT 200
KCRT_FG_CMQC_TEST_PROJECT_INT 201
KCRT_FG_CMQC_TEST_STATUS 203
KCRT_FG_CMQC_TEST_STATUS_INT 204
KCRT_FG_DEMAND_SCHEDULE 206
KCRT_FG_DEMAND_SCHEDULE_INT 207
KCRT_FG_IMPACT_ANALYSIS 209
KCRT_FG_IMPACT_ANALYSIS_INT 210
KCRT_FG_MASTER_PROJ_REF 212
KCRT_FG_MASTER_PROJ_REF_INT 213
KCRT_FG_PFM_ASSET 215
KCRT_FG_PFM_ASSET_INT 218
KCRT_FG_PFM_PROJECT 221
KCRT_FG_PFM_PROJECT_INT 225
KCRT_FG_PFM_PROPOSAL 229
KCRT_FG_PFM_PROPOSAL_INT 233
KCRT_FG_PROG_ISSUE 237
KCRT_FG_PROG_ISSUE_INT 238
KCRT_FG_PROG_REFERENCE 240
KCRT_FG_PROG_REFERENCE_INT 241
KCRT_FG_PROG_RESOURCE_REQ 243
KCRT_FG_PROG_RESOURCE_REQ_INT 244
KCRT_FG_PROG_RISK 246
KCRT_FG_PROG_RISK_INT 247
KCRT_FG_PROJ_ISSUE 249

KCRT_FG_PROJ_ISSUE_INT 250
KCRT_FG_PROJ_RISK 251
KCRT_FG_PROJ_RISK_INT 252
KCRT_FG_PROJ_SCOPE_CHANGE 254
KCRT_FG_PROJ_SCOPE_CHANGE_INT 255
KCRT_FG_QC_DEFECT_INFO 257
KCRT_FG_QC_DEFECT_INFO_INT 259
KCRT_FG_QC_INFO 262
KCRT_FG_QC_INFO_INT 264
KCRT_FG_SERVICE 267
KCRT_FG_SERVICE_INT 268
KCRT_FG_SLA 271
KCRT_FG_SLA_INT 272
KCRT_FG_UCMDB 274
KCRT_FG_UCMDB_INT 275
KCRT_FG_WORK_ITEMS 278
KCRT_FG_WORK_ITEMS_INT 281
KCRT_FIELD_DEPENDENCIES 285
KCRT_FLS_VISIBILITY 287
KCRT_HDR_TYPES_FIELD_GROUPS 289
KCRT_RBU_TEMP_STEP_IDS 291
KCRT_REQ_HEADER_DETAILS 292
KCRT_REQ_HEADER_DETAILS_ARCH 294
KCRT_REQ_HEADER_DETAILS_INT 296
KCRT_REQ_TYPE_ACTIVITY_LIST 298
KCRT_REQUEST_DETAILS 299
KCRT_REQUEST_DETAILS_ARCH 301
KCRT_REQUEST_DETAILS_INT 303
KCRT_REQUEST_HEADER_TYPES 305
KCRT_REQUEST_RSC_ACTUALS 307
KCRT_REQUEST_SEARCH_COLUMNS 308
KCRT_REQUEST_SUB_TYPES 310
KCRT_REQUEST_TYPE_SECURITY 312
KCRT_REQUEST_TYPE_STATUSES 315
KCRT_REQUEST_TYPES 317
KCRT_REQUESTS 320
KCRT_REQUESTS_INT 324
KCRT_RT_REQUEST_RESOURCES 328

KCRT_STATUSES 330
KCRT_TABLE_ENTRIES 332
KCRT_TABLE_ENTRIES_INT 334
KCRT_TEMP_BATCH_UPDATE 337
KCRT_TRANSACTIONS 338
KCST_CURRENCIES 340
KCST_FX_UPDATE_SERVICE 342
KCST_PENDING_EV_UPDATES 344
KCST_PENDING_EV_UPDATES_ERR 346
KDEM_DEMAND_FIELDS 348
KDEM_DEMAND_SET_REQ_TYPES 350
KDEM_DEMAND_SETS 352
KDEM_DEMANDS 354
KDEM_FIELD_MAPPINGS 359
KDLV_DELETED_PACKAGES 361
KDLV_DELETED_PKG_LINES 365
KDLV_OBJECT_TYPES 367
KDLV_OM_DYNAMIC_SQL 369
KDLV_OM_TEMP 370
KDLV_PACKAGE_LINES 371
KDLV_PACKAGE_LINES_INT 373
KDLV_PACKAGE_NOTES_INT 377
KDLV_PACKAGES 380
KDLV_PACKAGES_INT 383
KDLV_PATCH_REPORT_TMP 387
KDLV_PENDING_JOBS 389
KDLV_PENDING_PACKAGES 391
KDLV_RESPONSES 395
KDLV_TRANSACTIONS_INT 398
KDLV_WORKFLOW_EXTN 401
KDRV_CALENDAR_EXCEPTIONS 403
KDRV_CALENDAR_SETUPS 405
KDRV_CALENDARS 407
KDRV_COST_METRICS_BY_PERIOD 409
KDRV_ROLLUP_METHODS 411
KDRV_ROLLUP_SETUPS 413
KDRV_STATES 415
KDRV_WORKING_DAYS 417

KDSH_DATA_SOURCE_COLUMNS 419
KDSH_DATA_SOURCE_FILTERS 421
KDSH_DATA_SOURCES 423
KENV_ENV_APPS 425
KENV_ENV_CONTENTS 428
KENV_ENV_CONTENTS_HIST 431
KENV_ENV_GROUP_ENVS 434
KENV_ENV_GROUP_PRIM_SOURCES 436
KENV_ENV_GROUPS 438
KENV_ENVIRONMENTS 440
KENV_GROUP_EXEC_RESULTS 445
KENV_HOST_CLASS_MEMBERS 447
KENV_HOST_CLASS_MEMBERS_UPG 449
KENV_HOST_CLASSES 451
KENV_MAINFRAME_PARAMS 453
KENV_OBJECT_ATTRIBUTES 455
KENV_OBJECTS 457
KINS_DEPLOYMENTS 459
KINS_PATCHES 460
KINS_PROJECT_WORKING_DAY_CONV 461
KINS_UPGRADE_LOGS 462
KNTA_ACCESS_GRANTS 463
KNTA_ACCESS_SECURITY 465
KNTA_ACCESS_SECURITY_HIST 467
KNTA_APP_SERVER_MODE 469
KNTA_APP_SERVER_PROPERTIES 470
KNTA_APPLET_KEYS 472
KNTA_ARCHIVES 473
KNTA_COMMAND_STEPS 475
KNTA_COMMANDS 477
KNTA_DEBUG_MESSAGES 480
KNTA_DEFAULT_HELP_CONTENTS 482
KNTA_DOCUMENT_HISTORY_CONTENTS 484
KNTA_DOCUMENT_TIP_CONTENTS 486
KNTA_DOCUMENT_VERSIONS 488
KNTA_DOCUMENTS 490
KNTA_ENTITIES 493
KNTA_ENTITY_GROUP_MEMBERS 495

KNTA_ENTITY_GROUPS . . . 497
KNTA_ENTITY_RESTRICTIONS . . . 499
KNTA_ENTITY_SECURITY . . . 501
KNTA_ENTITY_TABLES . . . 503
KNTA_ENTITY_TOKENS . . . 505
KNTA_EXC_RULE_TYPES . . . 507
KNTA_EXCEPTIONS . . . 509
KNTA_EXTERNAL_SYNCH . . . 511
KNTA_FIELD_CHANGE_NOTES . . . 513
KNTA_FIELD_FILTERS . . . 515
KNTA_FIELD_GROUPS . . . 517
KNTA_FIELD_SECURITY . . . 519
KNTA_HELP_CONTENTS . . . 521
KNTA_I18N_RESOURCES . . . 523
KNTA_INTERFACE_ERRORS . . . 525
KNTA_INTERRUPTED_EXECUTIONS . . . 527
KNTA_LANGUAGES . . . 529
KNTA_LOCKED_USERS_TEMP . . . 531
KNTA_LOGON_ATTEMPTS . . . 532
KNTA_LOOKUPS . . . 534
KNTA_MESSAGE_TYPES . . . 536
KNTA_MESSAGES . . . 537
KNTA_NOTE_ENTRIES . . . 539
KNTA_NOTIF_INTERVALS . . . 541
KNTA_NOTIF_TXN_COLUMNS . . . 543
KNTA_NOTIF_TXN_DETAILS . . . 545
KNTA_NOTIF_TXN_PARENTS . . . 547
KNTA_NOTIF_TXN_RECIPIENTS . . . 549
KNTA_NOTIF_TYPE_MESSAGES . . . 551
KNTA_NOTIFICATION_COLUMNS . . . 554
KNTA_NOTIFICATION_RECIPIENTS . . . 556
KNTA_NOTIFICATION_TYPES . . . 558
KNTA_NOTIFICATIONS . . . 561
KNTA_NOTIFICATIONS_TEMP . . . 564
KNTA_OPENAPI_TXN_AUDIT . . . 567
KNTA_PAGE_PORTLET_TYPES . . . 569
KNTA_PAGES . . . 571
KNTA_PARAM_RULE_DEPENDENCIES . . . 573

KNTA_PARAM_RULE_RESULTS . . . 576
KNTA_PARAM_RULES . . . 578
KNTA_PARAM_SET_FIELDS . . . 581
KNTA_PARAM_SET_FLD_SETUPS . . . 585
KNTA_PARAMETER_SET_CONTEXTS . . . 587
KNTA_PARAMETER_SETS . . . 590
KNTA_PASSWORD_CHANGES . . . 592
KNTA_PENDING_API_CHANGES . . . 594
KNTA_PENDING_EXCEPTIONS . . . 597
KNTA_PENDING_FLS_DENORM . . . 598
KNTA_PENDING_REFERENCES . . . 600
KNTA_PENDING_ROLLUPS . . . 602
KNTA_PERIOD_TYPES . . . 604
KNTA_PERSONALIZATION_VALUES . . . 605
KNTA_PORTLET_COLUMNS . . . 607
KNTA_PORTLET_QUERIES . . . 609
KNTA_PORTLET_SQL_PARAMETERS . . . 611
KNTA_PORTLET_TYPE_COLUMNS . . . 613
KNTA_PORTLET_TYPE_FILTERS . . . 616
KNTA_PORTLET_TYPE_SECURITY . . . 618
KNTA_PORTLET_TYPE_WS_INFO . . . 620
KNTA_PORTLET_TYPES . . . 622
KNTA_PORTLET_TYPES_BACKUP . . . 627
KNTA_PORTLETS . . . 632
KNTA_PREPARED_COMMAND_STEPS . . . 635
KNTA_PREPARED_COMMANDS . . . 637
KNTA_PRODUCTS . . . 639
KNTA_REF_RELATIONSHIPS . . . 641
KNTA_REFERENCES . . . 643
KNTA_REFRESH_GROUPS . . . 645
KNTA_REFRESH_LINE_DETAILS . . . 647
KNTA_REFRESH_LINES . . . 649
KNTA_REGIONS . . . 652
KNTA_REPORT_NOTIF_OUTPUT . . . 654
KNTA_REPORT_OUTPUT . . . 655
KNTA_REPORT_SUBMISSIONS . . . 656
KNTA_REPORT_TYPES . . . 659
KNTA_RESOLVED_SEC_TOKENS . . . 661

KNTA_RESULT_COLUMNS 663
KNTA_SAVED_SEARCH_FILTERS 665
KNTA_SAVED_SEARCH_TYPES 667
KNTA_SAVED_SEARCHES 669
KNTA_SCHEDULED_TASK_RECUR 671
KNTA_SCHEDULED_TASKS 673
KNTA_SCREENS 675
KNTA_SEARCH_CATEGORIES 677
KNTA_SECTION_LAYOUTS 679
KNTA_SECTIONS 681
KNTA_SECURITY_GROUPS 682
KNTA_SERVER_PARAM_DEF 684
KNTA_SERVER_PARAMETERS 686
KNTA_SERVER_RESTARTS 687
KNTA_SERVICES 688
KNTA_SHARED_LOCKS 690
KNTA_SPECIAL_CMD_PARAMS 691
KNTA_SPECIAL_COMMAND_TYPES 693
KNTA_STORED_QUERIES 695
KNTA_STORED_QUERY_DETAILS 697
KNTA_UCMDB_CI_ENTRIES 699
KNTA_UCMDB_CI_SETS 701
KNTA_UPGRADE_RECORDS 703
KNTA_USER_MENU_STATES 704
KNTA_USER_PAGE_TABS 705
KNTA_USER_PRODUCTS 707
KNTA_USER_PROFILES 709
KNTA_USER_REGIONAL_SETTINGS 712
KNTA_USER_SECTION_STATES 715
KNTA_USER_SECURITY 717
KNTA_USER_SECURITY_HIST 719
KNTA_USER_SECURITY_INT 721
KNTA_USER_SESSIONS 726
KNTA_USERS 728
KNTA_USERS_INT 732
KNTA_VALID_SQL_HEADERS 740
KNTA_VALIDATION_FILTERS 742
KNTA_VALIDATION_PROFILES 744

KNTA_VALIDATIONS 747
KNTA_VERSION_HISTORY 750
KNTA_WEBSESSION_KEYS 751
KPFM_CONFIGURATIONS 752
KPFM_LAST_VISITED_SCEN_COMP 754
KPFM_PORTFOLIO_LIFE_CYCLE 756
KPFM_SCEN_COMP_CAPACITIES 758
KPFM_SCEN_COMPARISON_ACCESS 760
KPFM_SCENARIO_COMPARISONS 762
KPFM_SCENARIO_CONTENTS 764
KPFM_SCENARIOS 766
KPFM_SCORE_CRITERIA 768
KPFM_SCORE_DOMAINS 770
KPFM_SCORE_SELECTIONS 772
KPMO_BUSINESS_OBJECTIVES 774
KPMO_PROGRAM_BUSINESS_OBJ 776
KPPO_OPT_MIX_ENTRIES 778
KPPO_OPT_PARAMETERS 780
KPPO_OPT_RESULT_PROJECTS 783
KPPO_OPT_RESULTS 785
KPPO_PER_PROJECT_SETTINGS 788
KREL_DIST_RUN_GROUP_LOCKS 790
KREL_DIST_RUN_GROUP_STATUS 792
KREL_DIST_RUN_GROUPS 794
KREL_DISTRIBUTIONS 796
KREL_RELEASES 798
KRML_CALENDAR_DAYS 800
KRML_CALENDAR_MONTHS 802
KRML_CONTEXT_UPDATES 803
KRML_CONTEXT_UPDATES_COPY 805
KRML_PARAMETER_SET_FLDS_COPY 807
KRML_PROCESS_MESSAGES 809
KRML_SYSTEM_CONTROLS 811
KRML_VIEW_COLUMNS 812
KRML_VIEW_CONTEXTS 814
KRML_VIEW_DEF_TEMPLATES 816
KRML_VIEWS 818
KRSC_ORG_UNIT_MEMBERS 820

KRSC_ORG_UNIT_MEMBERS_INT 822
KRSC_ORG_UNITS 825
KRSC_ORG_UNITS_INT 828
KRSC_PENDING_ASSIGNMENT_ERR 832
KRSC_PENDING_ASSIGNMENTS 834
KRSC_PENDING_WORK_ITEM_UPDATES 836
KRSC_RSC_POOL_PERIOD_SUM 838
KRSC_STAFF_PROF_PERIOD_SUM 840
KRSC_WORK_ITEM_ASSIGNMENTS 842
KTMG_CHARGE_CODES 847
KTMG_ORULE_CHARGE_CODES 849
KTMG_OVERRIDE_RULES 851
KTMG_PAGE_COLUMNS 854
KTMG_PERIOD_TYPES 856
KTMG_PERIODS 858
KTMG_POLICIES 860
KTMG_POLICY_CHARGE_CODES 865
KTMG_RES_GROUP_CC_RULES 867
KTMG_WI_ACTUALS_SUM 869
KTMG_WORK_ALLOC_CHARGE_CODES 870
KTMG_WORK_ALLOC_RES_ACCESS 872
KTMG_WORK_ALLOCATIONS 874
KVER_FILES 876
KVER_REVISIONS 878
KWFL_APPROVAL_RECIPIENTS 880
KWFL_APPROVALS 882
KWFL_CONDITIONS 885
KWFL_EXECUTIONS 887
KWFL_PENDING_EXEC_CALLBACKS 891
KWFL_PENDING_EXEC_OBJECTS 895
KWFL_RESOLVED_SEC_TOKENS 898
KWFL_STEP_TRANSACTION_HISTORY 901
KWFL_STEP_TRANSACTIONS 904
KWFL_STEP_TRANSITIONS 913
KWFL_STEP_TRANSITIONS_INT 916
KWFL_TRANSACTIONS_INT 920
KWFL_TRANSITION_TRANSACTIONS 925
KWFL_VERIFICATION_TEMP 928

KWFL_WORKFLOW_COMMANDS 929
KWFL_WORKFLOW_INSTANCE_PARMS 931
KWFL_WORKFLOW_INSTANCE_STEPS 933
KWFL_WORKFLOW_INSTANCES 936
KWFL_WORKFLOW_PARAMETERS 941
KWFL_WORKFLOW_STEP_SECURITY 943
KWFL_WORKFLOW_STEPS 946
KWFL_WORKFLOW_STEPS_TEMP 953
KWFL_WORKFLOWS 955
PFM_LIFECYCLE_PARENT_ENTITY 959
PFM_PORTFOLIO_CONTENTS 961
PFM_PORTFOLIO_MANAGERS 962
PFM_PORTFOLIOS 963
PGM_PROGRAM_CONTENT 965
PGM_PROGRAMS 966
PM_EXCEPTION_RULE_RESULTS 969
PM_INDICATOR_POLICIES 972
PM_MSP_LINK_REQUESTS 973
PM_PROGRAM_BUSINESS_OBJECTIVES 974
PM_PROGRAM_MANAGERS 975
PM_PROJECT_ROLLUP 976
PM_PROJECT_TYPE_CUSTOM_FIELDS 978
PM_PROJECT_TYPES 979
PM_PROJECTS 983
PM_SYNCHED_FIELDS 986
PM_TASK_NOTIFICATION_SETUPS 987
PM_TASK_NS_EXCEPTION_GROUPS 990
PM_TASK_NS_EXCEPTION_RSCS 991
PM_TASK_NS_EXCP_PARTICIPANTS 992
PM_TASK_NS_LATE_GROUPS 993
PM_TASK_NS_LATE_PARTICIPANTS 994
PM_TASK_NS_LATE_RSCS 995
PM_TASK_NS_MILESTONE_GROUPS 996
PM_TASK_NS_MILESTONE_RSCS 997
PM_TASK_NS_MS_PARTICIPANTS 998
PM_WORK_PLANS 999
PM_WORKPLAN_TEMPLATES 1002
PM_WP_TEMPLATE_OWNERS 1004

PPM_EMAIL_CONTEXT_INFO 1005
PPM_EMAIL_PROCESSED_MSGS 1008
PPM_EXCEPTIONS 1011
PPM_FISCAL_PERIODS 1013
PPM_INT_CONFIGURATIONS 1015
PPM_INT_EVENTS 1017
PPM_INT_QC_CONTROL 1019
PPM_INT_QC_ENTITY_MAP 1020
PPM_INT_SOLUTIONS 1023
PPM_MESSAGE_ITEM 1025
PPM_MY_LINKS 1027
PPM_NOTIFICATION_DETAILS 1028
PPM_NOTIFICATION_RULE_RESULTS 1031
PPM_RESOURCE_SECURITY 1034
PPM_RESOURCE_SETTINGS 1036
PPM_SERVER_INSTANCE 1040
PPM_SERVICE_JOB_STATUS 1042
PPM_SERVICE_RECORDS 1044
PPM_STACK_TRACE 1046
RPT_CALENDAR_DAYS 1047
RPT_CM_FACT_CNTL 1048
RPT_DEPLOYMENT 1049
RPT_DIM_BUSINESS_OBJ_MV 1050
RPT_DIM_FM_FCST_ACTUAL_LINE_MV 1051
RPT_DIM_FM_FCST_ACTUAL_MV 1053
RPT_DIM_FM_FIN_SUMMARY_MV 1055
RPT_DIM_FM_KNTA_LOOKUPS_MV 1057
RPT_DIM_ORG_UNITS_MV 1058
RPT_DIM_PM_DTL_CSTPARMS_IRS_MV 1062
RPT_DIM_PM_HDR_CSTPARMS_IRS_MV 1064
RPT_DIM_PM_PROJ_ISSUE_MV 1066
RPT_DIM_PM_PROJ_RISK_MV 1068
RPT_DIM_PM_PROJ_SCPCHG_MV 1070
RPT_DIM_PM_PROJ_SETTINGS_MV 1072
RPT_DIM_PM_TASKS 1073
RPT_DIM_PM_WORKPLAN_MV 1077
RPT_DIM_PPM_FISCAL_PERIODS 1079
RPT_DIM_PROGRAM_CONTENT_MV 1081

RPT_DIM_PROGRAMS_MV 1082
RPT_DIM_PROJECTS_MV 1083
RPT_DIM_REGIONS_MV 1086
RPT_DIM_REQ_DTL_CUSTOM_PARAMS 1087
RPT_DIM_REQ_HDR_CUSTOM_PARAMS 1089
RPT_DIM_REQUESTS 1091
RPT_DIM_RM_POSITIONS 1095
RPT_DIM_RM_RESOURCEPOOLMGRS 1097
RPT_DIM_RM_RESOURCEPOOLS 1098
RPT_DIM_RM_RESOURCES 1101
RPT_DIM_RM_ROLES 1106
RPT_DIM_RM_STAFF_PROFILES 1107
RPT_DIM_TM_ACTIVITIES_MV 1109
RPT_DIM_TM_CHARGE_CODES_MV 1110
RPT_DIM_TM_PERIODS_MV 1111
RPT_DIM_TM_TIME_SHEET_LINES 1112
RPT_DIM_TM_TIME_SHEETS 1116
RPT_ETL_JOB 1118
RPT_EVENT_DEF 1120
RPT_EVENT_LOG 1121
RPT_EVENT_LOG_DETAIL 1122
RPT_FCT_FM_APPROVED_BUDGETS 1123
RPT_FCT_FM_FA_APPROVED_MV 1125
RPT_FCT_FM_FCST_ACTUAL_CELL 1127
RPT_FCT_PM_AGGR_PROJ_EFFORT 1129
RPT_FCT_PM_AGGR_TASK_EFFORT 1130
RPT_FCT_PM_TASK_ASSIGNMENTS 1132
RPT_FCT_PM_TASK_COST 1135
RPT_FCT_PM_TASK_UNASSGN_EFFORT 1139
RPT_FCT_RM_RES_DISTRIBUTION 1141
RPT_FCT_RM_RESOURCE_CAPACITY 1142
RPT_FCT_RM_RESOURCE_DEMAND 1145
RPT_FCT_RM_RESOURCE_DEMAND_STG 1148
RPT_FCT_RM_RESOURCE_EFFORT 1151
RPT_FCT_RM_RESRCE_CAPACITY_STG 1154
RPT_FCT_RM_RSC_CAPACITY_AGGR 1157
RPT_FCT_RM_RSC_DEMAND_AGGR 1160
RPT_FCT_TM_ACTUAL_EFFORT 1163

RPT_FCT_TM_COMPLIANCE 1165
RPT_FCT_TM_COST 1170
RPT_KNTA_USERS_DELETES 1171
RPT_PARAMS 1172
RPT_PM_PROJECT_ENTRIES 1173
RPT_PM_PROJECT_MANAGERS 1174
RPT_PM_TASK_ENTRIES 1175
RPT_PPM_AGGR_WRK_DAYS_MV 1176
RPT_RECREATE_INDEX 1177
RPT_RERUN_STATUS 1178
RPT_RM_FACT_CNTL 1179
RPT_RM_RSC_RP_ENTRIES 1180
RPT_RSC_RPDE_DELETES 1181
RPT_UPGRADE_PARAMS 1182
RSC_POSITION_FORECAST 1183
RSC_POSITIONS 1185
RSC_RESOURCE_ASSIGNMENTS 1188
RSC_RESOURCE_DELEGATIONS 1190
RSC_RESOURCE_POOL_MANAGERS 1192
RSC_RESOURCE_POOLS 1193
RSC_RESOURCE_ROLES 1196
RSC_RESOURCES 1197
RSC_ROLES 1201
RSC_RP_DISTRIBUTION_ENTRIES 1203
RSC_RP_NOTIFICATION_SETUPS 1205
RSC_SKILL_PROFICIENCY 1207
RSC_SKILLS 1209
RSC_SP_NOTIFICATION_SETUPS 1211
RSC_STAFFING_PROFILES 1213
RSC_STAFF_PROF_ALLOCATION 1217
RSC_STAFF_PROF_MANAGERS 1219
RSC_STAFFING_PROFILES 1220
SDI_LOG_DETAILS 1223
SDI_SUMMARY_LOGS 1225
SM_RFC 1227
TM_ACTUALS 1229
TM_ACTUALS_EFFORT 1232
TM_LINE_CHARGE_CODES 1233

TM_PENDING_APPROVERS_EVALS 1235
TM_RESOURCE_QUICKLIST_ITEMS 1237
TM_TIME_SHEET_LINES 1239
TM_TIME_SHEETS 1243
TM_USERS_BILLING_APPROVERS 1248
TM_USERS_TIME_APPROVERS 1249
TM_WORK_UNITS 1250
WP_CALENDAR_CONSTRAINTS 1252
WP_DEPENDENCIES 1254
WP_MESSAGE_ITEM 1256
WP_MILESTONES 1258
WP_MT_AFFECTING_TASK 1259
WP_NOTIFICATION_DETAILS 1261
WP_PENDING_EXCEPTIONS 1263
WP_SCHEDULE_WARNINGS 1265
WP_TASK_ACTUALS 1267
WP_TASK_COSTS 1269
WP_TASK_INFO 1272
WP_TASK_OWNERS 1275
WP_TASK_SCHEDULE 1276
WP_TASKS 1278
WP_UNAVAILABLE_RESOURCES 1282
WP_USER_DATA 1283
WP_WORK_UNITS 1286

A Index 1289

1 Getting Started with the PPM Center Data Model

About this Document

This document provides details about the internal structure of the data model for HP Project and Portfolio Management Center (PPM Center) version 9.13.

This document assumes that you have a basic understanding of structured design and relational databases, and that you are familiar with the functionality of all PPM Center products. For detailed information on the functionality for a specific product, see the documentation for that product.

Restrictions

This document is intended to provide an enhanced view of the inner structure of PPM Center for the purposes of developing custom portlets and reports. This information is not meant to facilitate changes to the base table structure of PPM Center. **Direct updates to base tables should never be done and will cause functional product issues and compromise the ability to upgrade to future versions of the product.** Updates to PPM Center data should only be done through supported APIs.

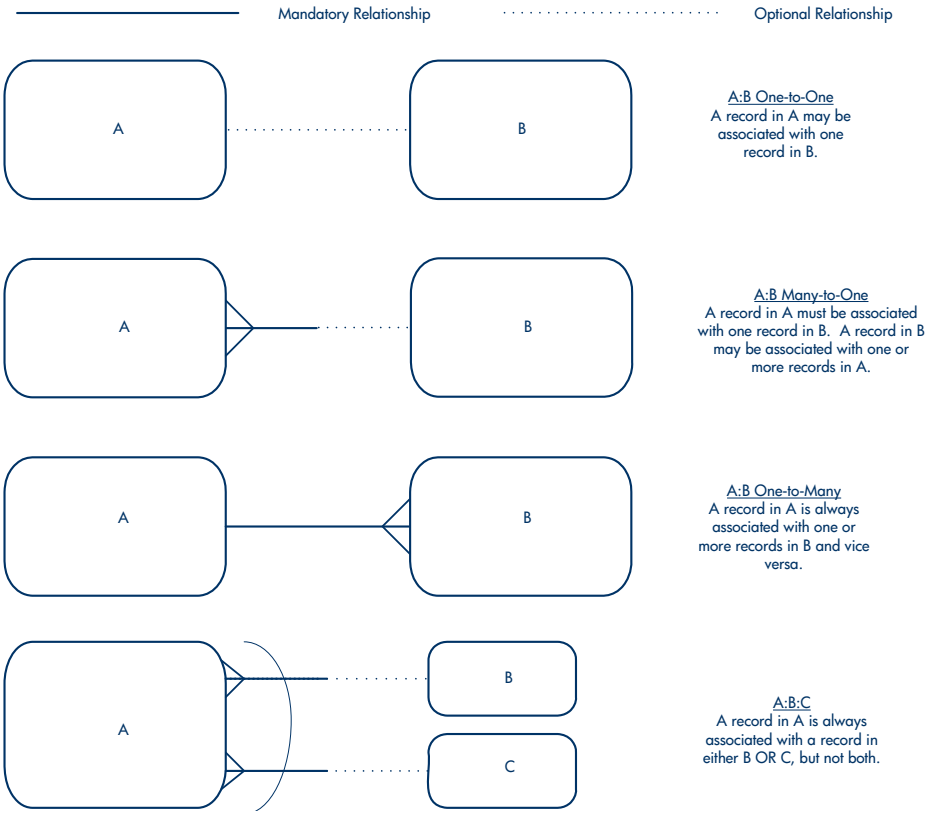
HP reserves the right to change the structure of PPM Center tables in future versions, as well as to alter the HP-supplied data provided with the application. HP does not guarantee compatibility of the data model with future versions of the product. This document is valid only for PPM Center version 9.13.

2 Entity Relationship Diagrams

Conventions Used in the Entity Relationships Diagrams

Figure 2-1 illustrates the conventions used to characterize relationships in the following entity relationship diagrams (ERDs).

Figure 2-1. Diagram conventions



Entity Relationship Diagrams

The diagrams displayed in the following sections have been alphabetically organized in their respective product areas. The order of the product areas corresponds to the menu found in PPM Center.

Diagrams that are either part of the PPM Center foundation (core) product or span multiple application areas are presented in the *Foundation Diagrams* section.

Foundation Diagrams

Figure 2-2. Commands

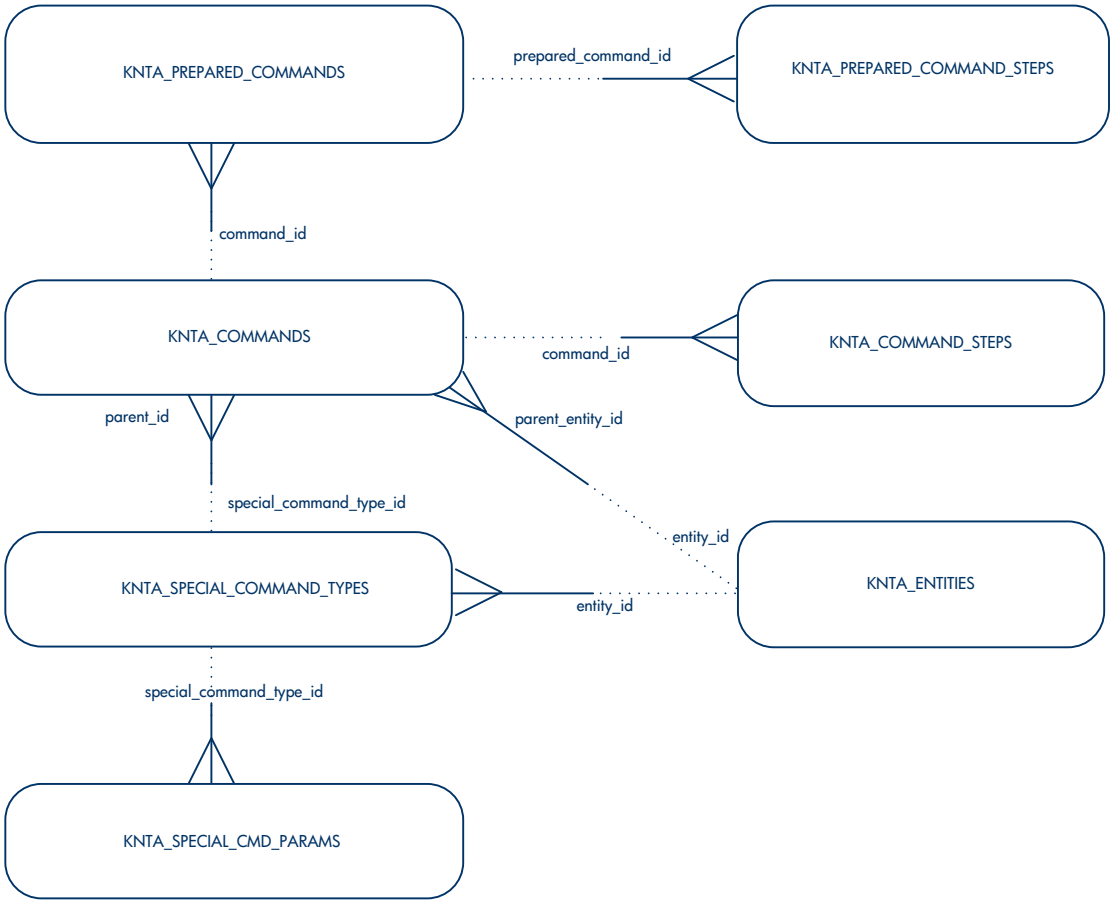


Figure 2-3. Dashboard

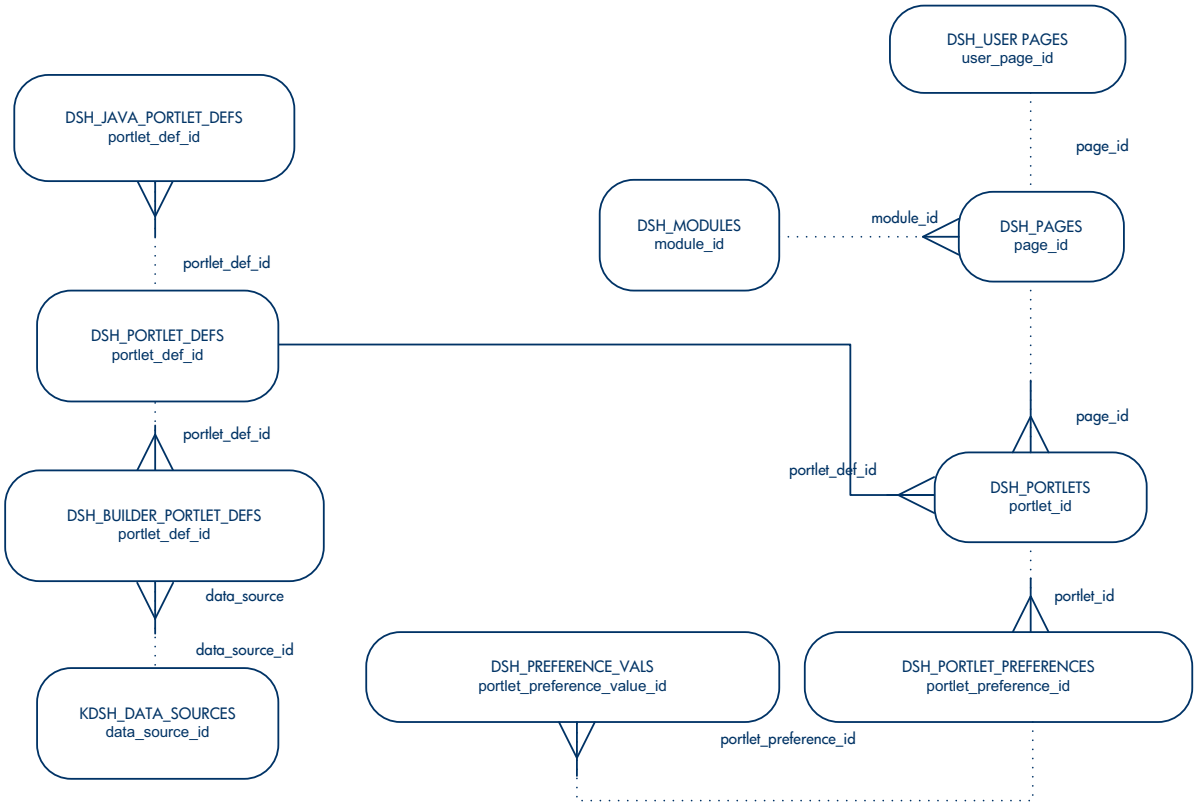


Figure 2-4. Entities

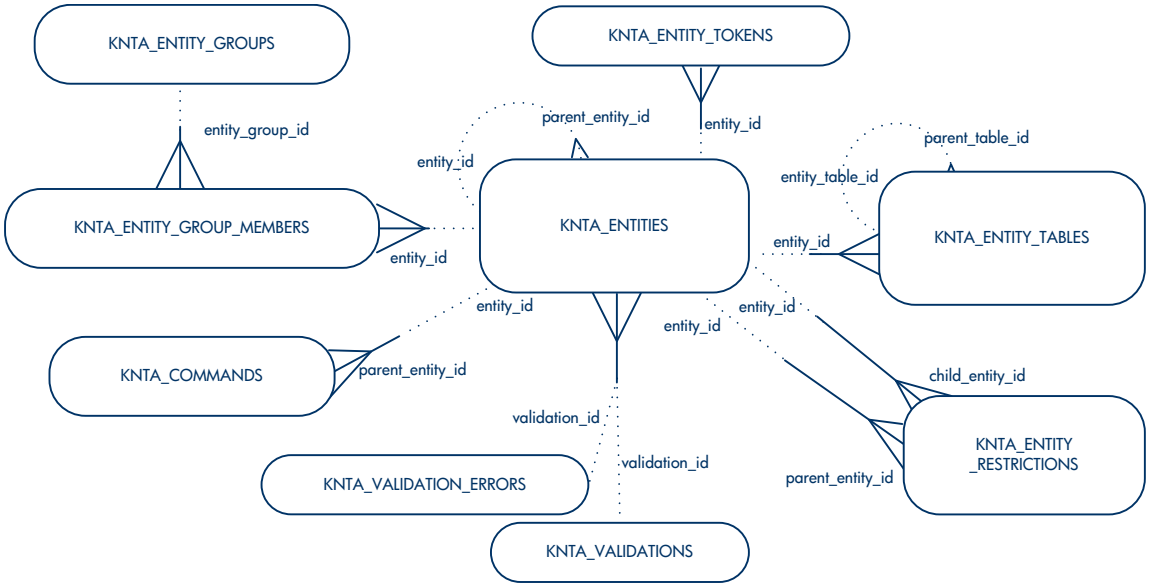


Figure 2-5. Entity restrictions

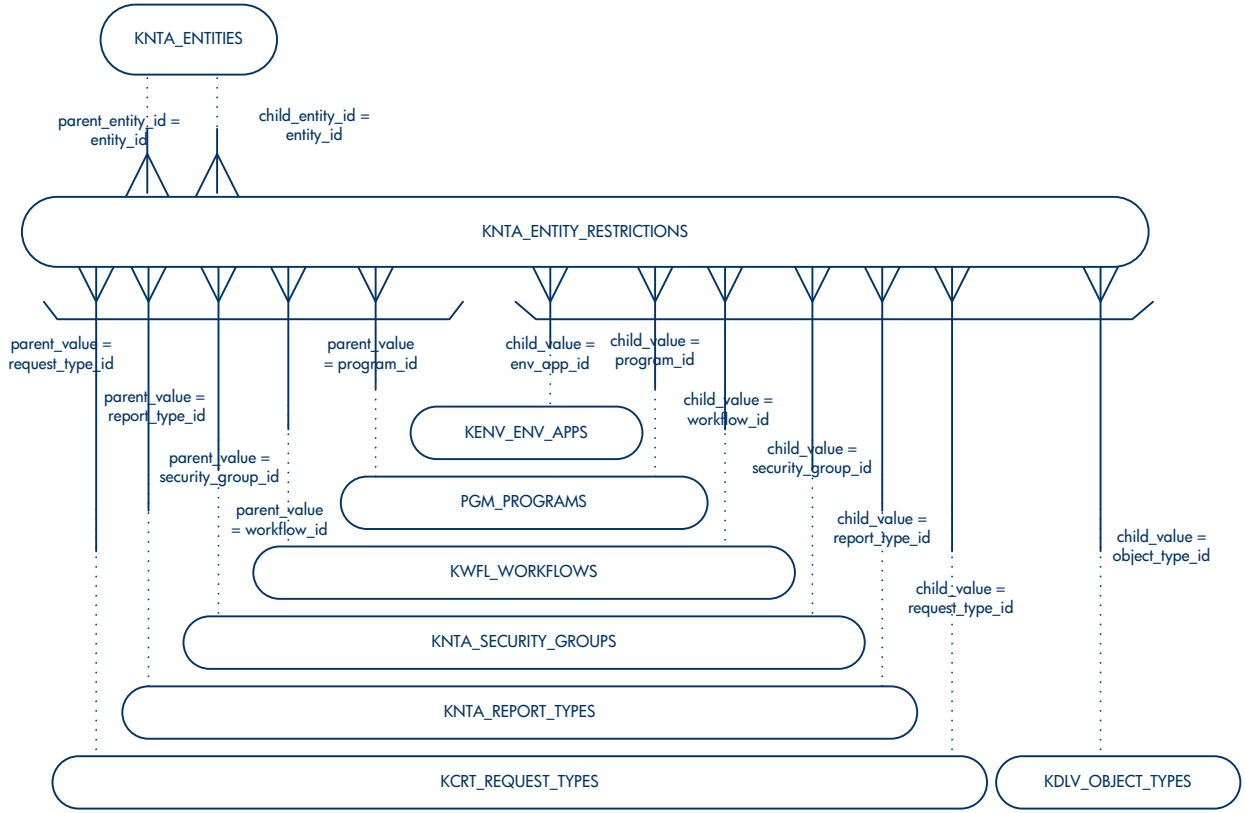


Figure 2-6. Fields

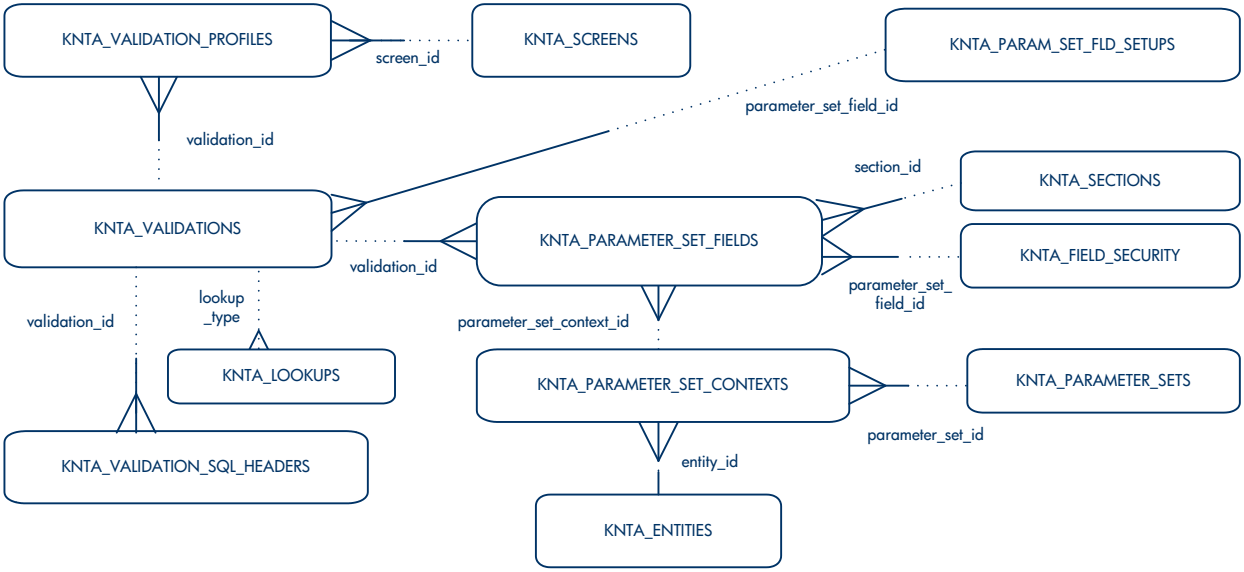


Figure 2-7. Object types

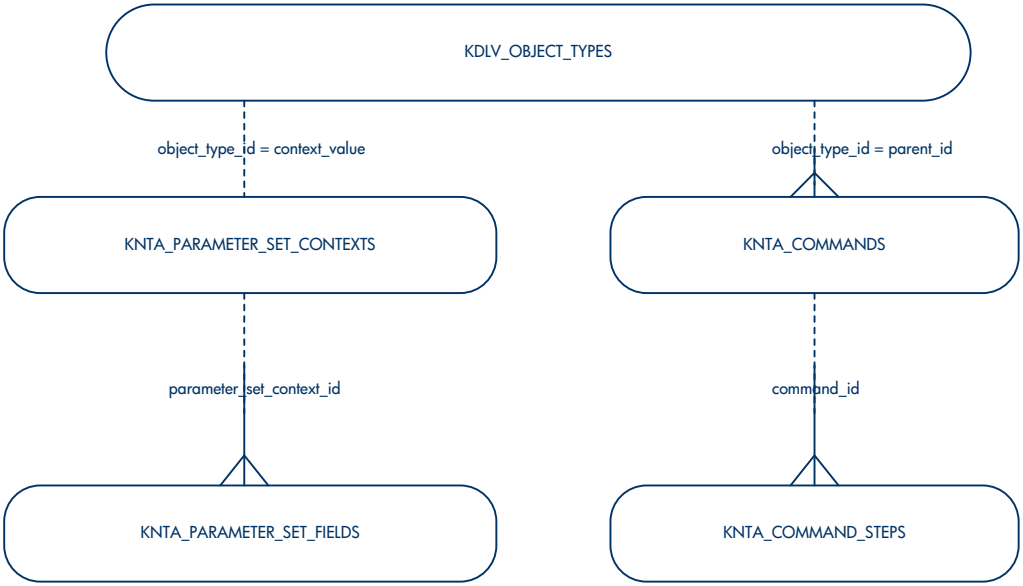
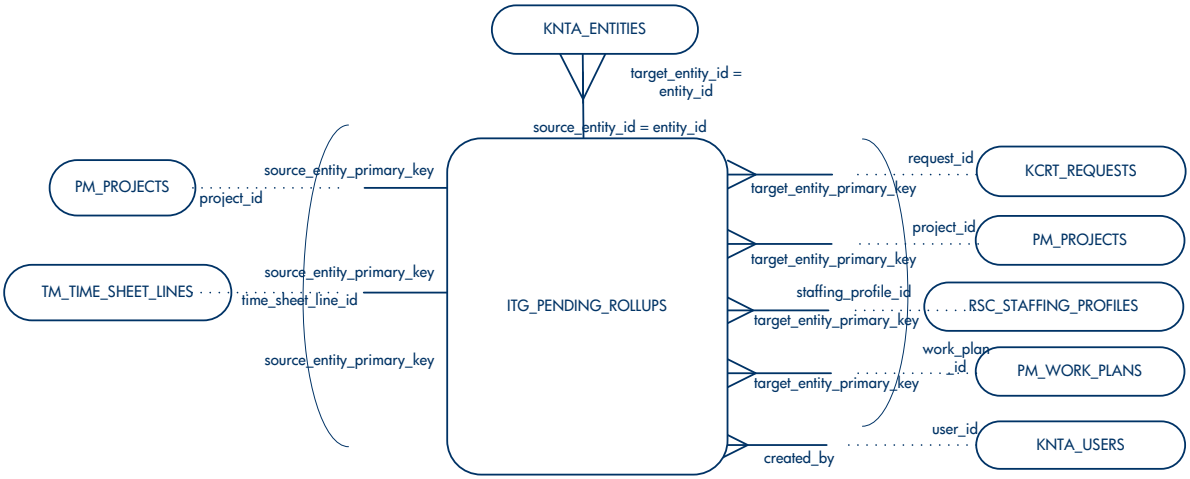


Figure 2-8. Pending rollups



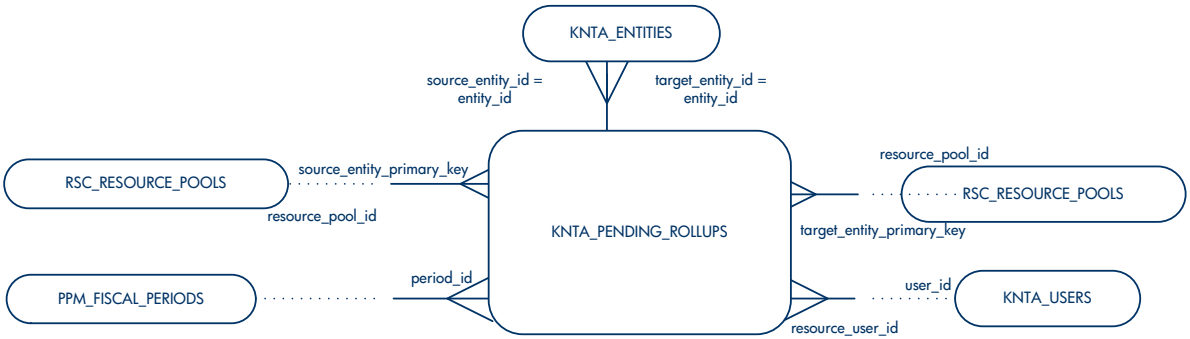


Figure 2-9. References

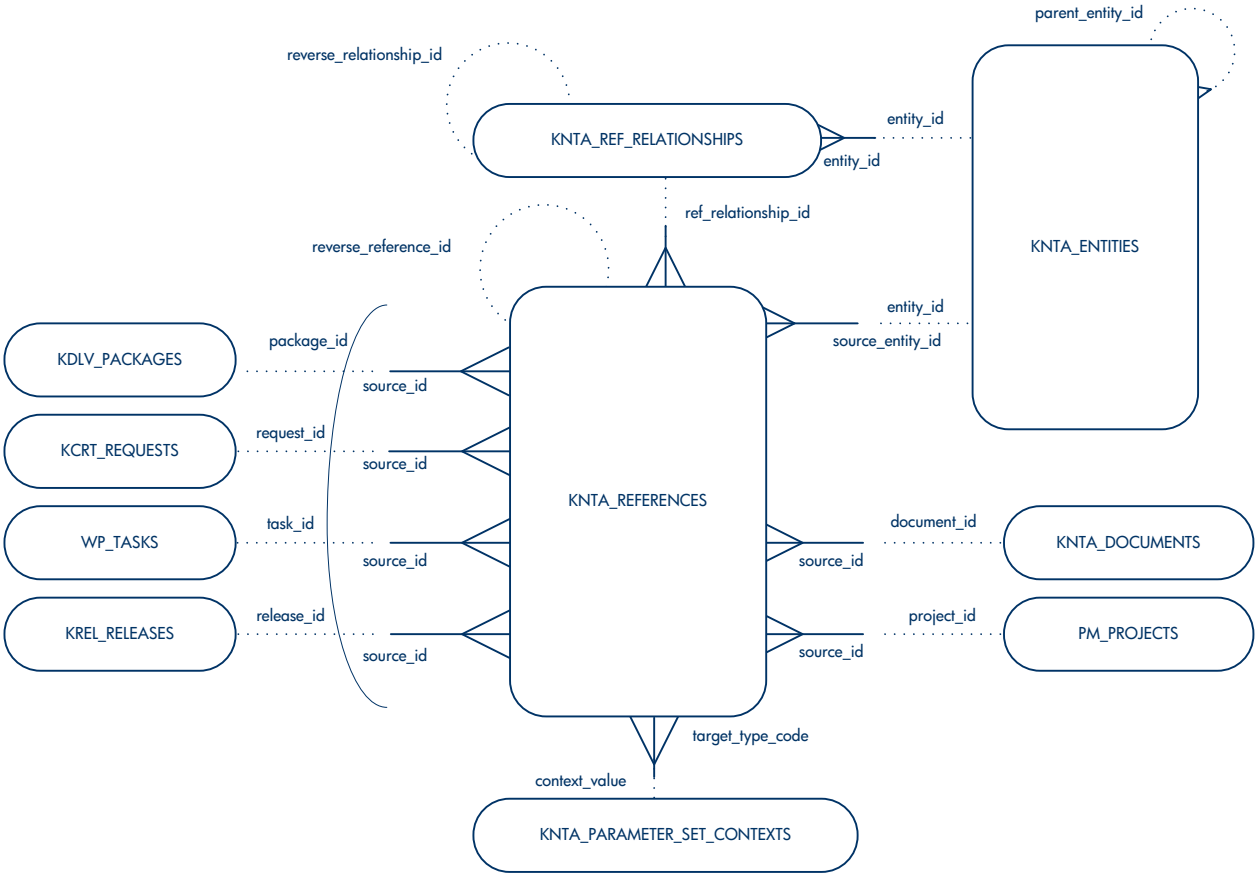


Figure 2-10. Reporting meta layer

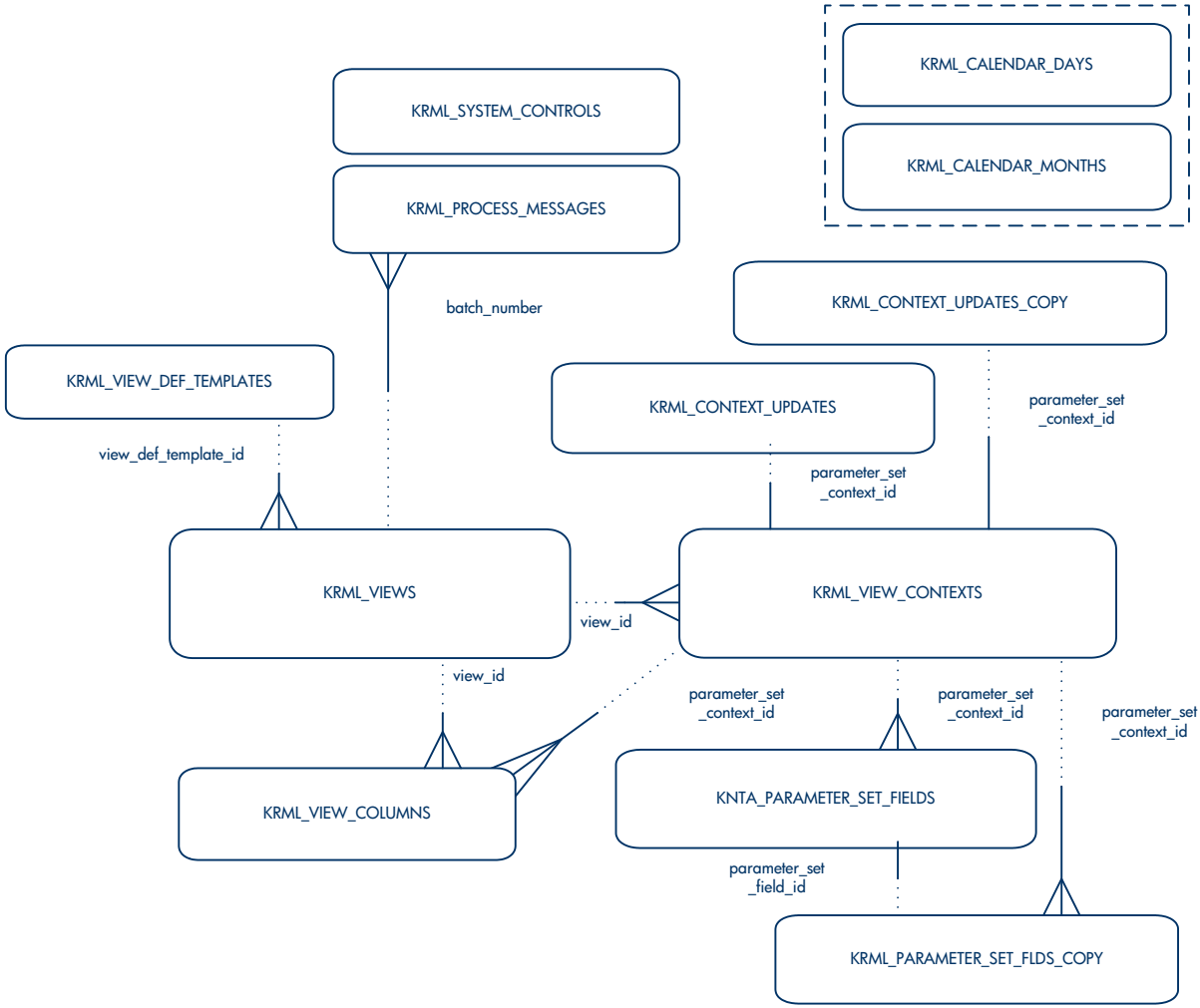


Figure 2-11. Reports

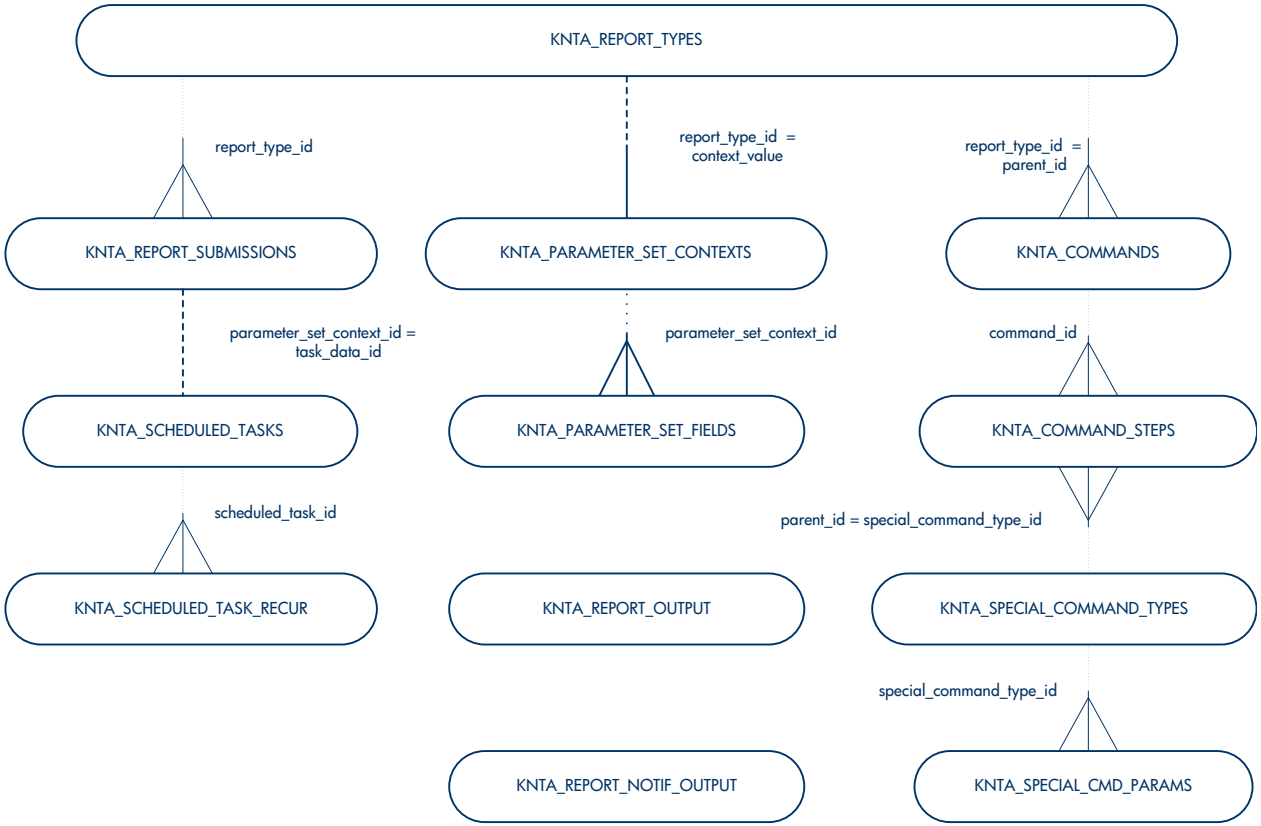


Figure 2-12. Request types

Figure 2-13. Requests

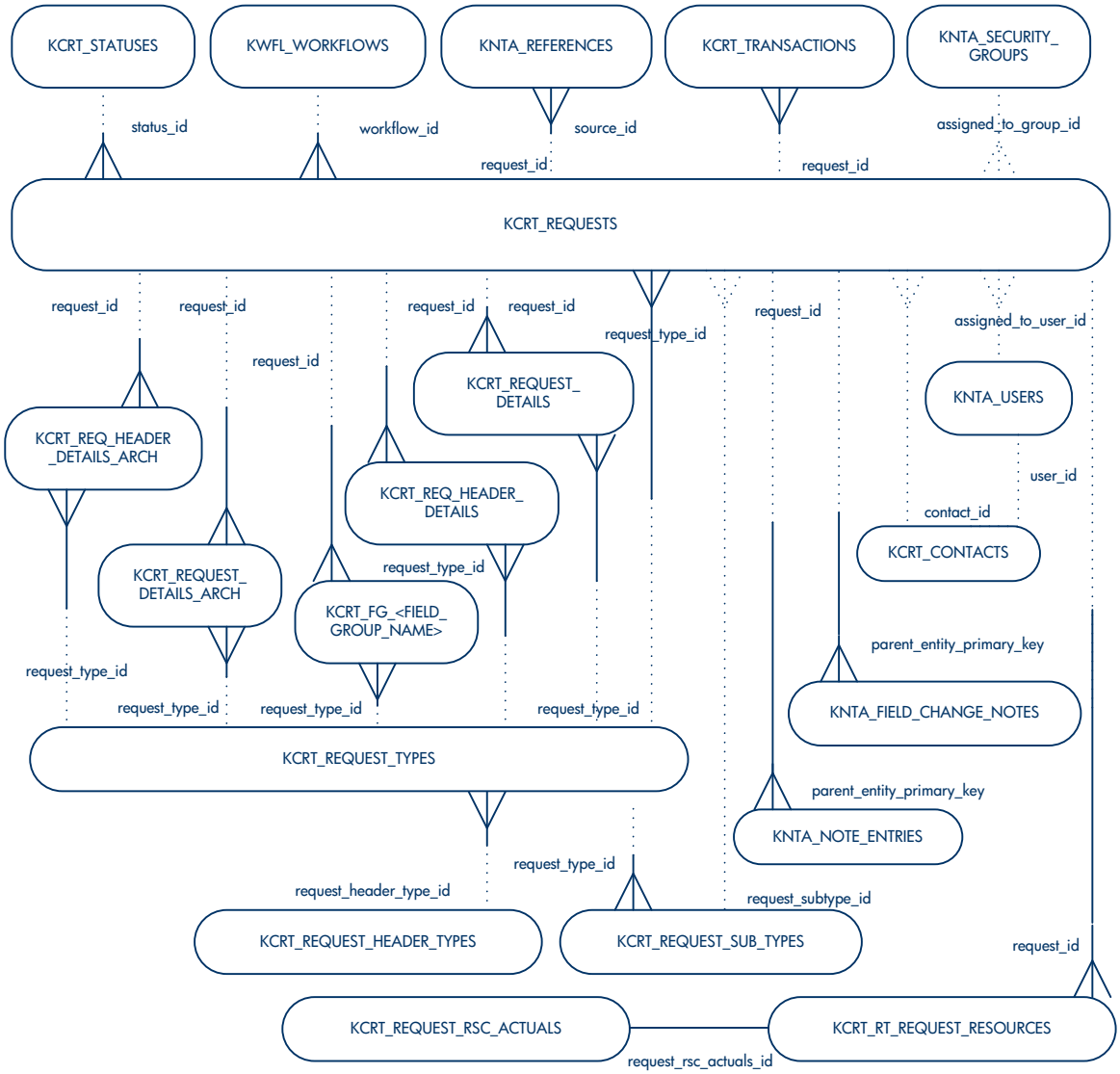


Figure 2-14. Step transactions

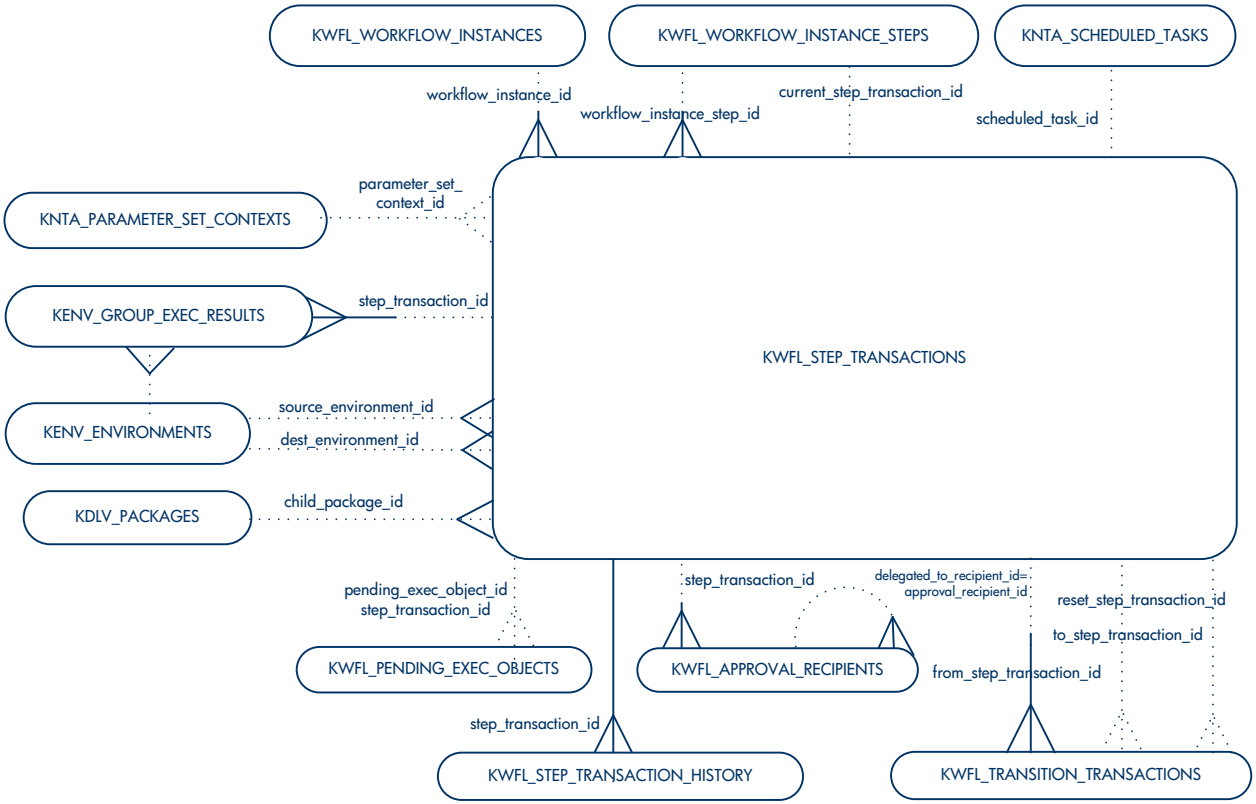


Figure 2-15. Table entries

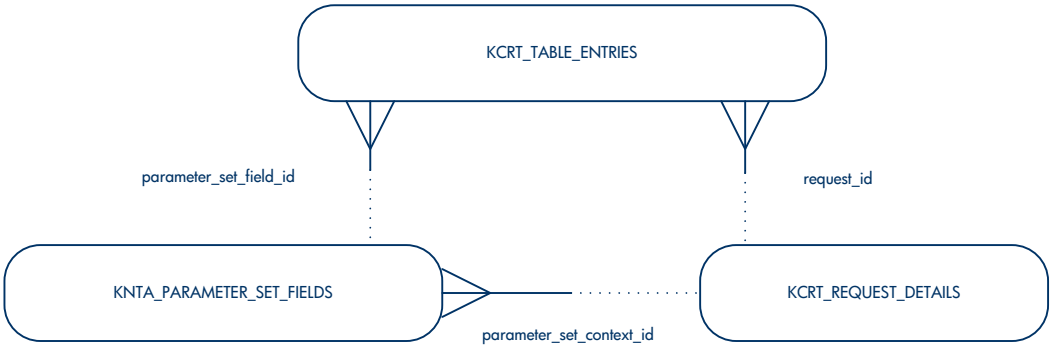


Figure 2-16. Users and security groups

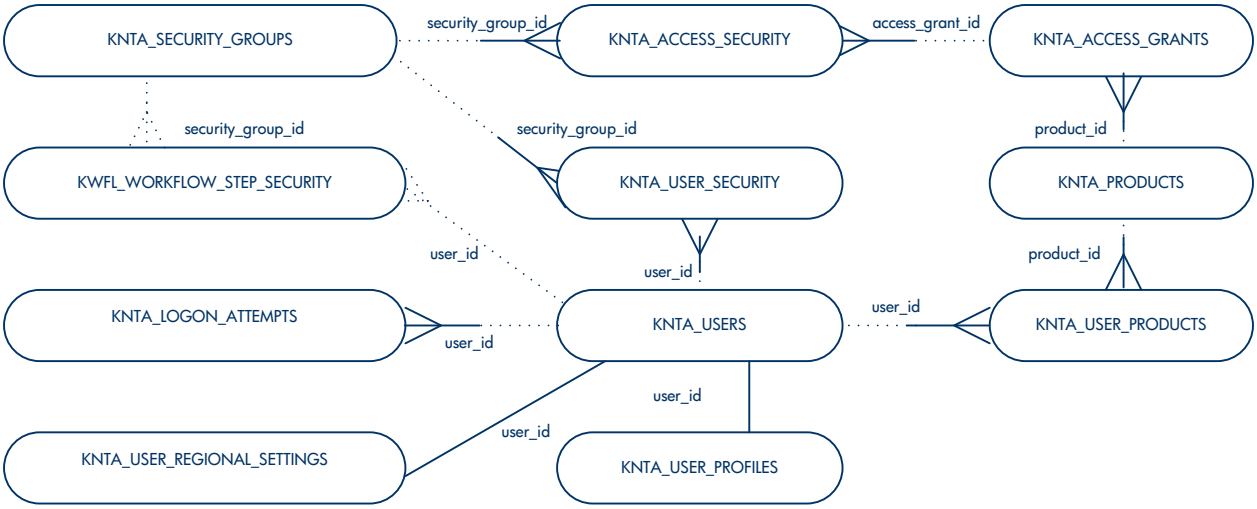


Figure 2-17. Workflow instances

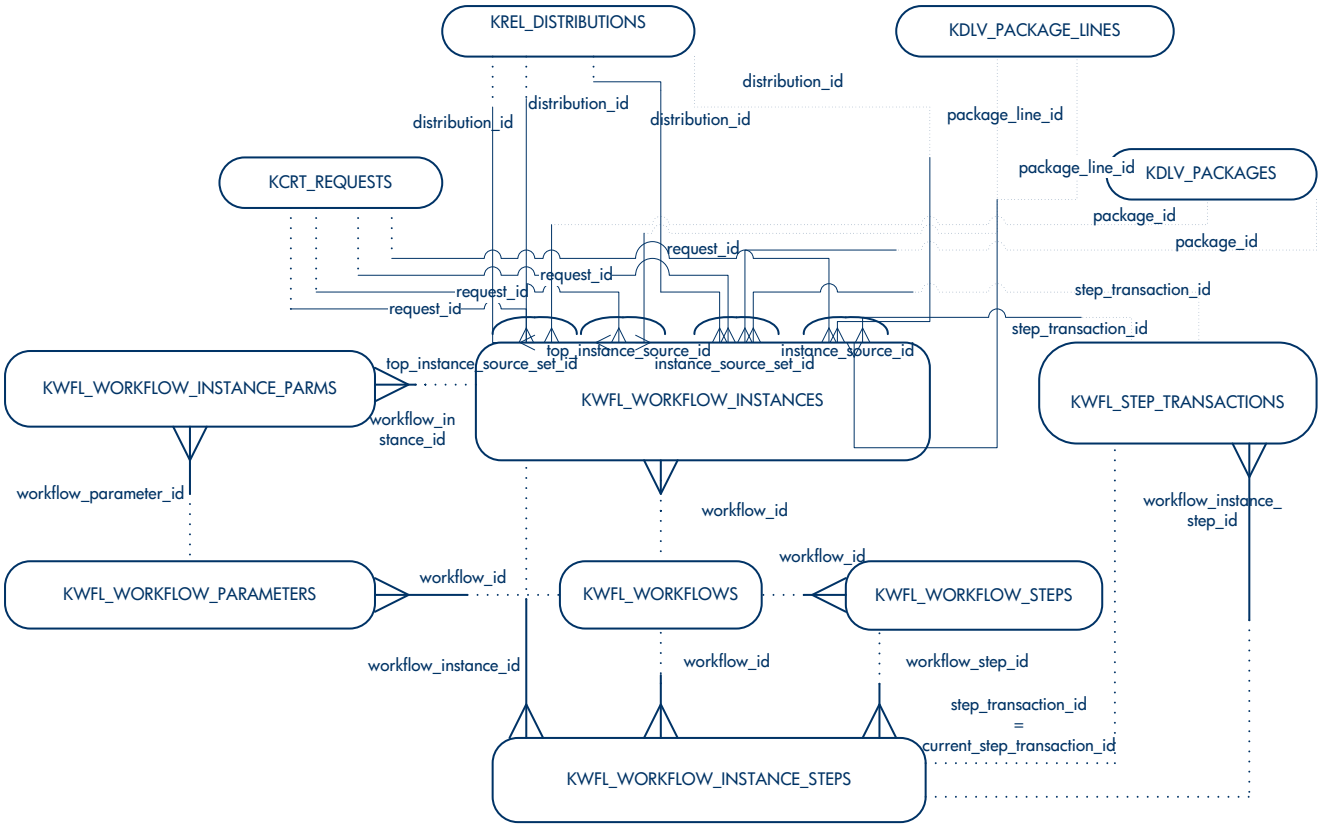


Figure 2-18. Workflows

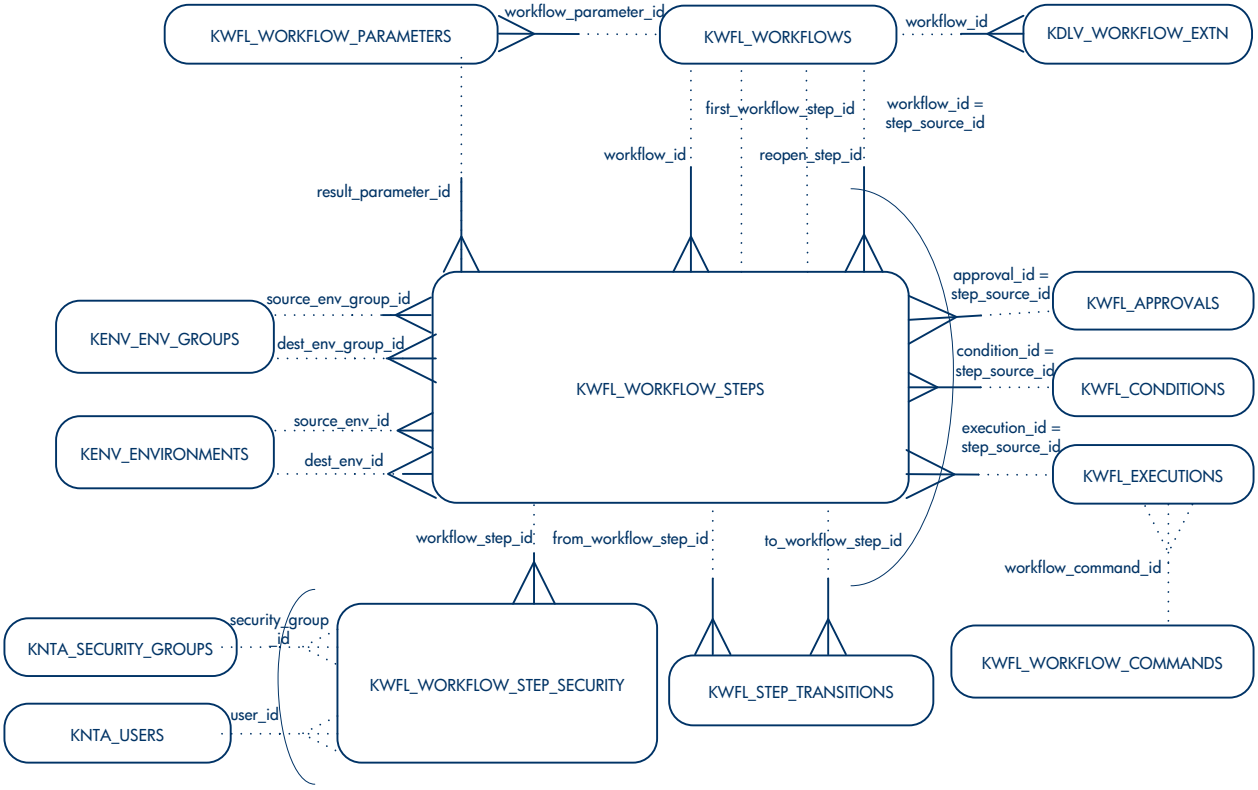


Figure 2-19. Data sources

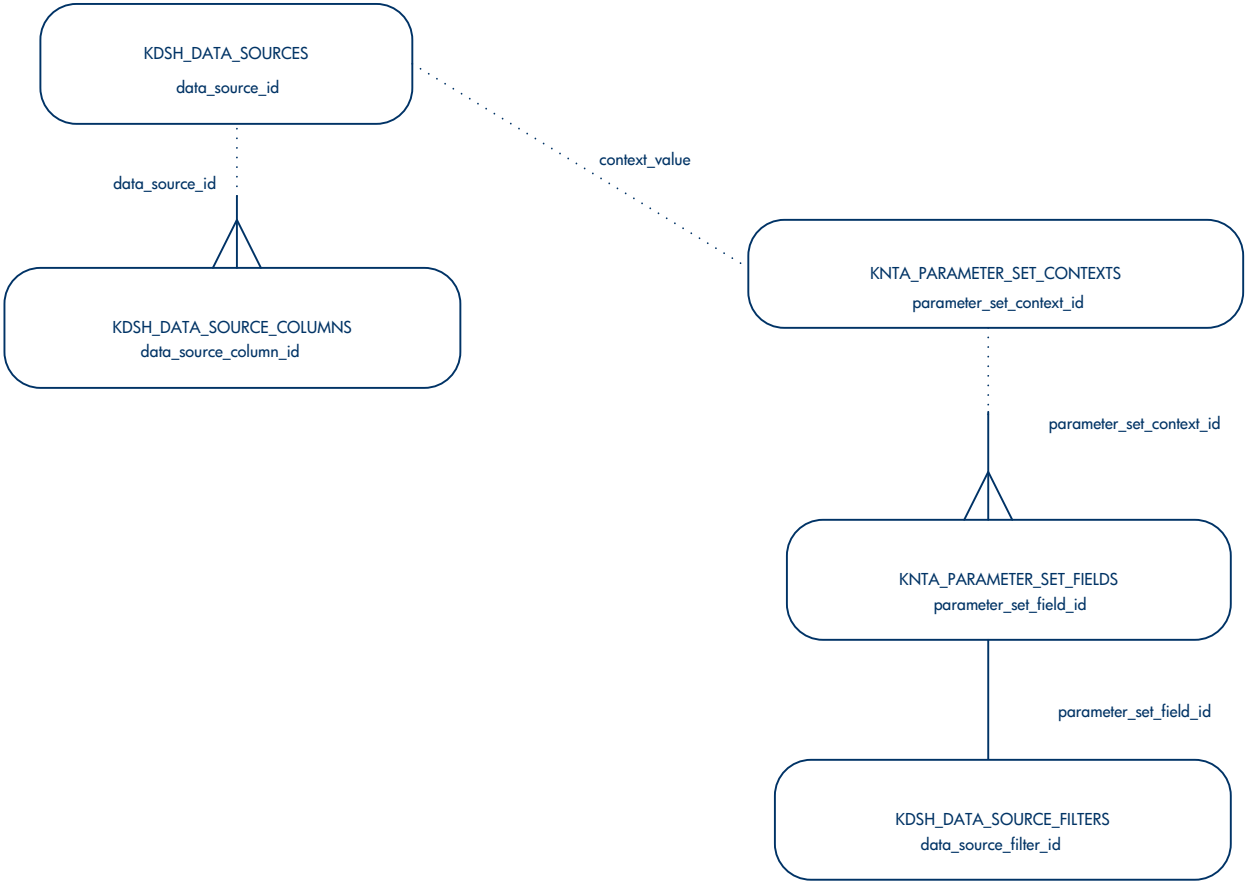


Figure 2-20. Portlet help contents

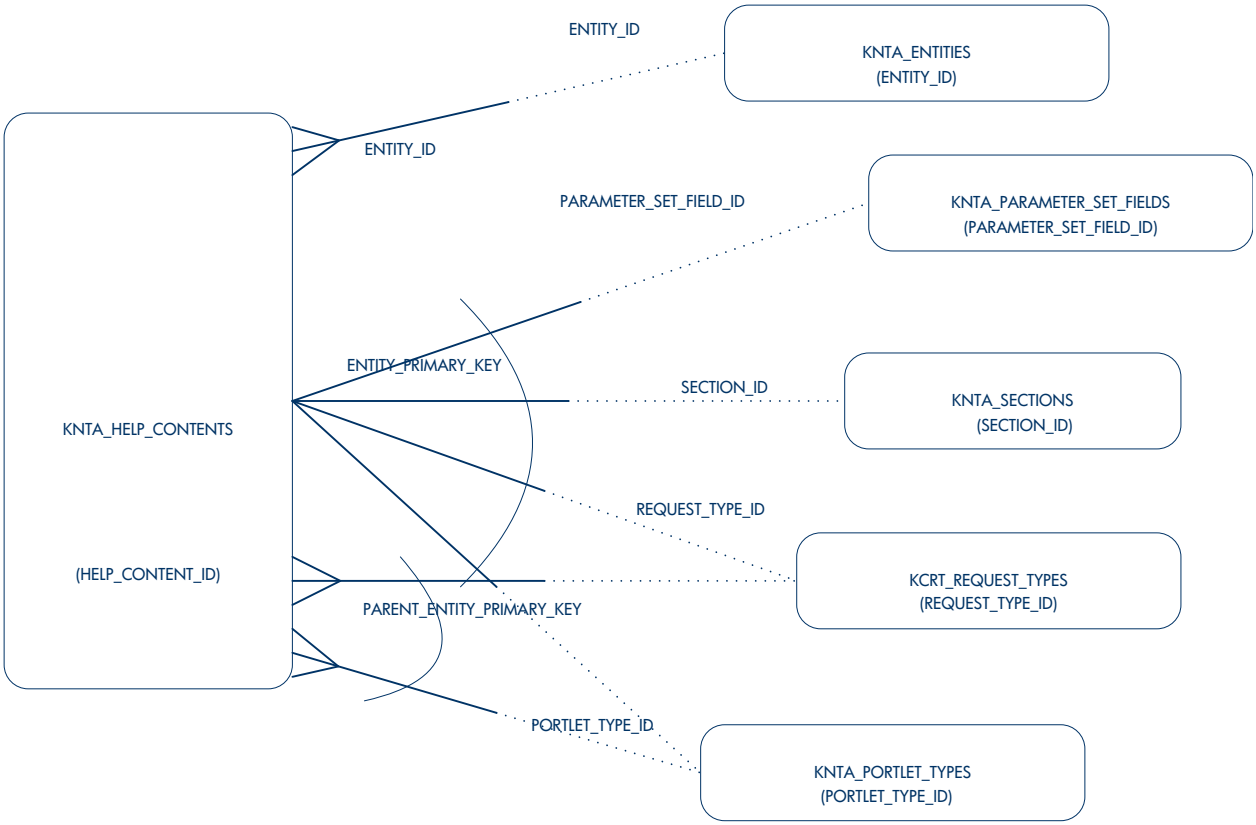
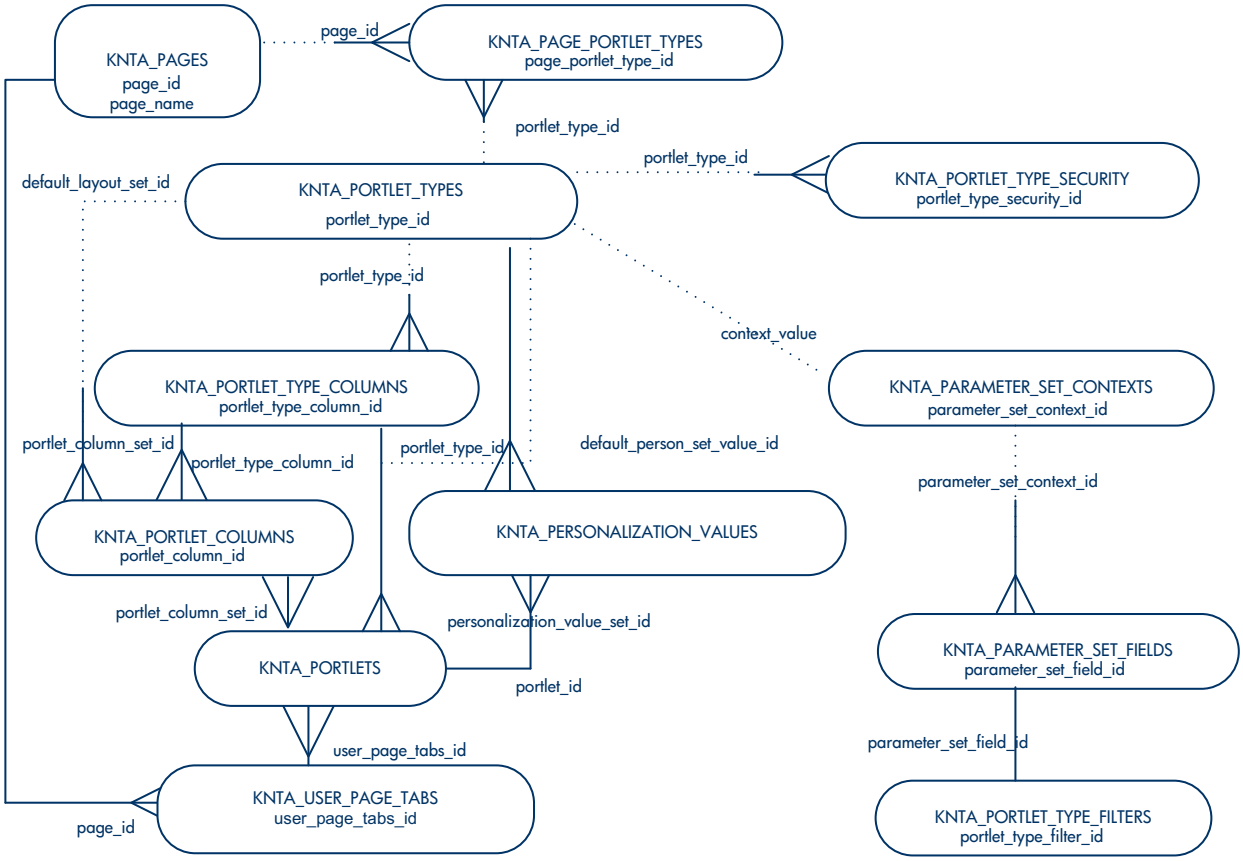


Figure 2-21. Portlets



HP Demand Management Diagrams

Figure 2-22. HP Demand Management interface

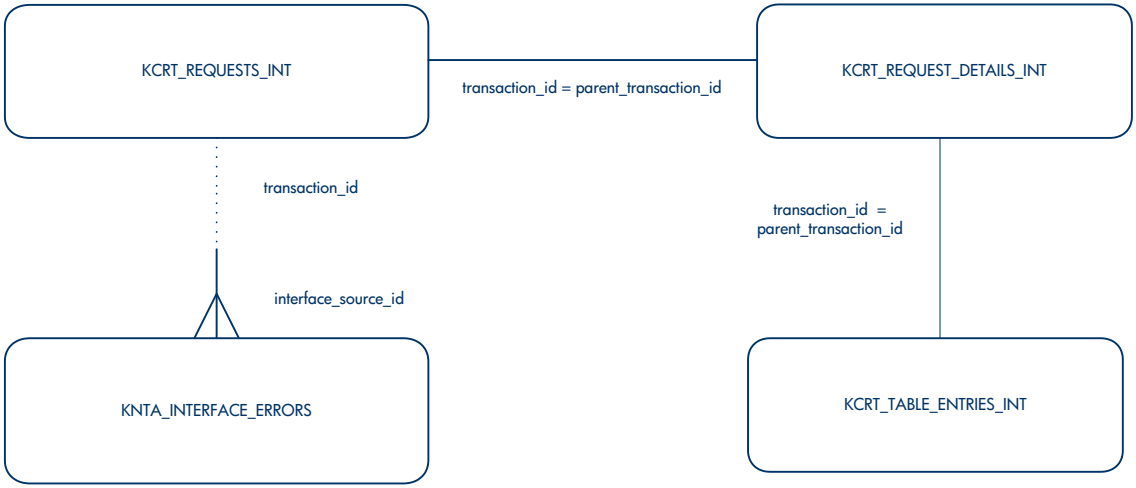


Figure 2-23. Demand set requests

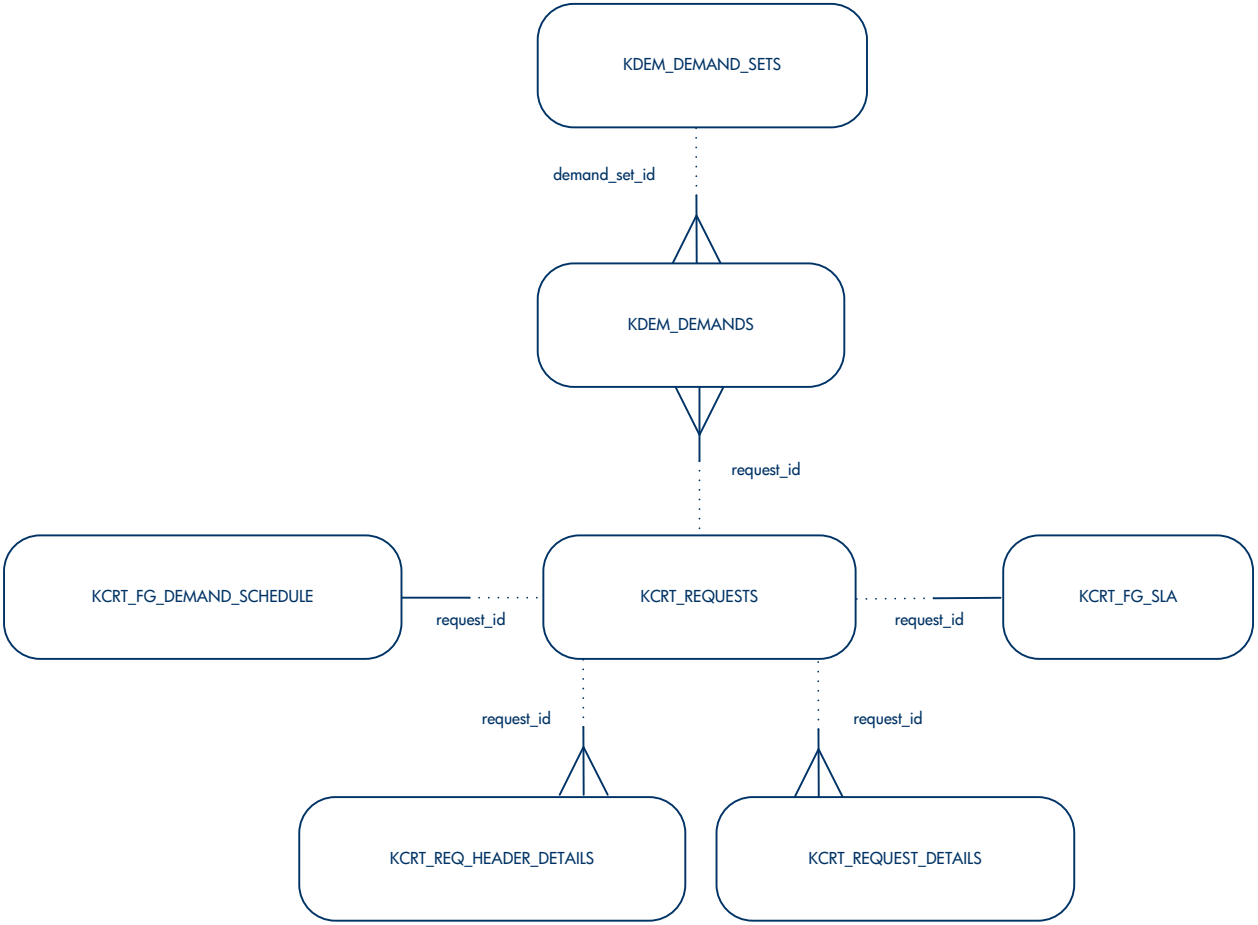
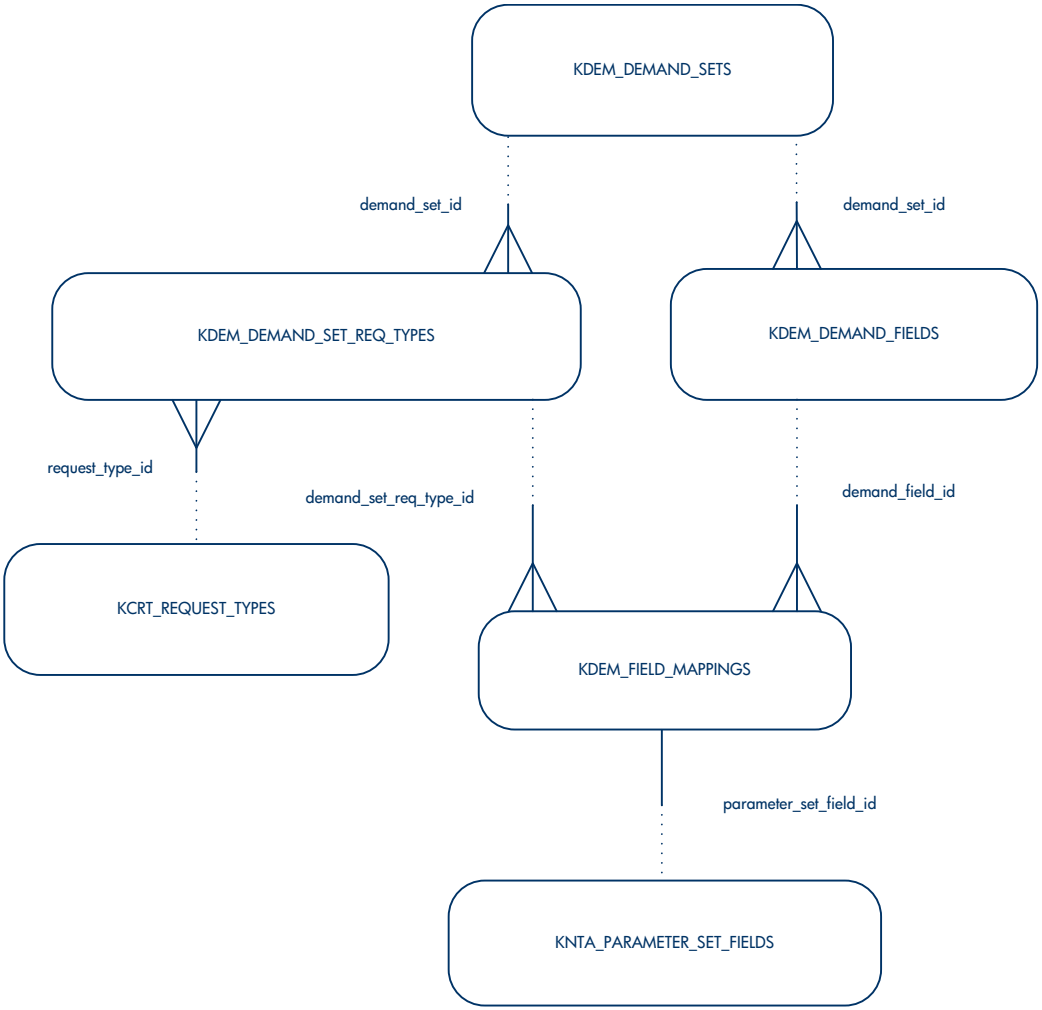


Figure 2-24. Demand sets



HP Project Management Diagrams

Figure 2-25. Calendars

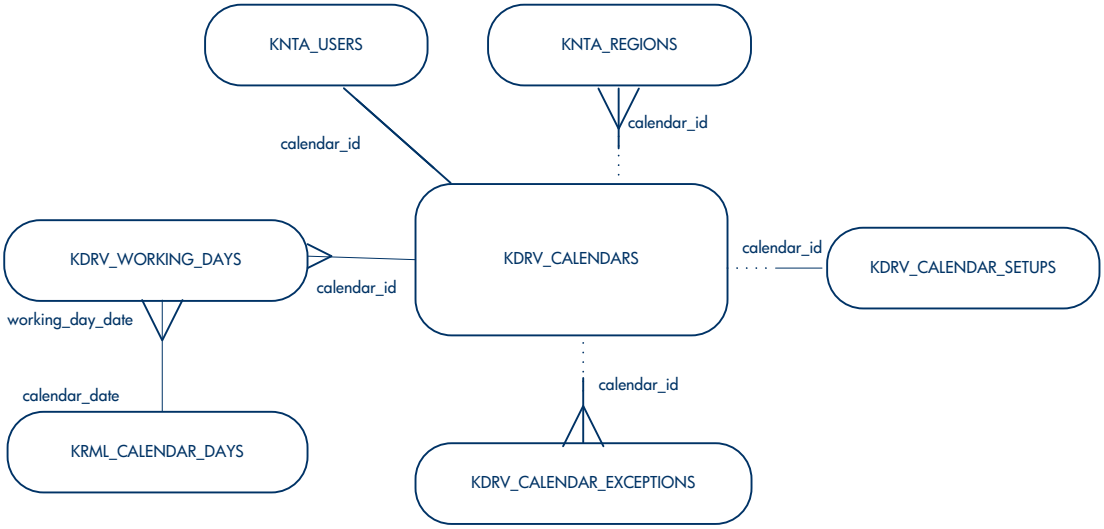


Figure 2-26. Exceptions

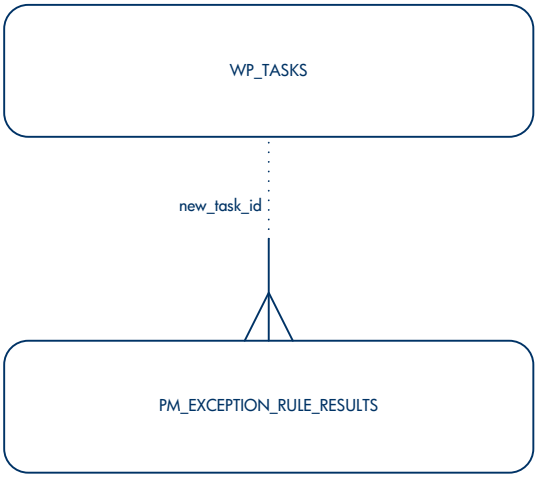


Figure 2-27. Notifications

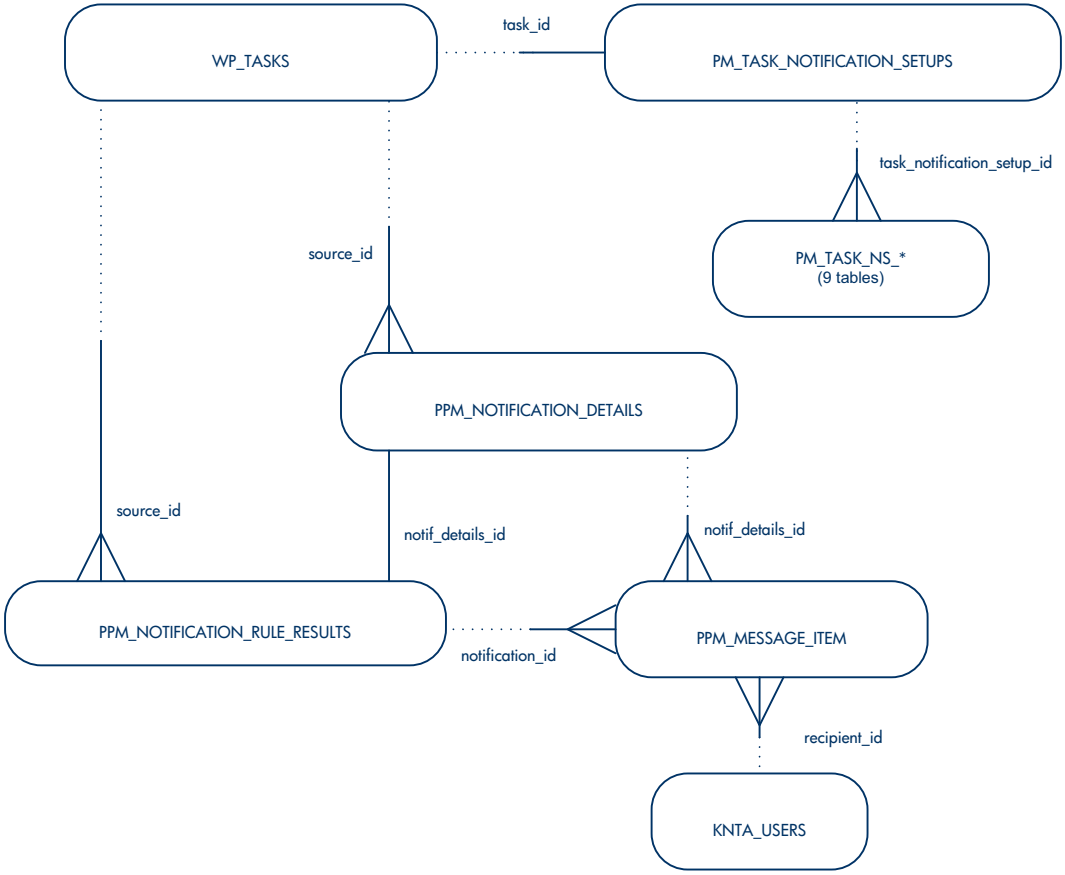
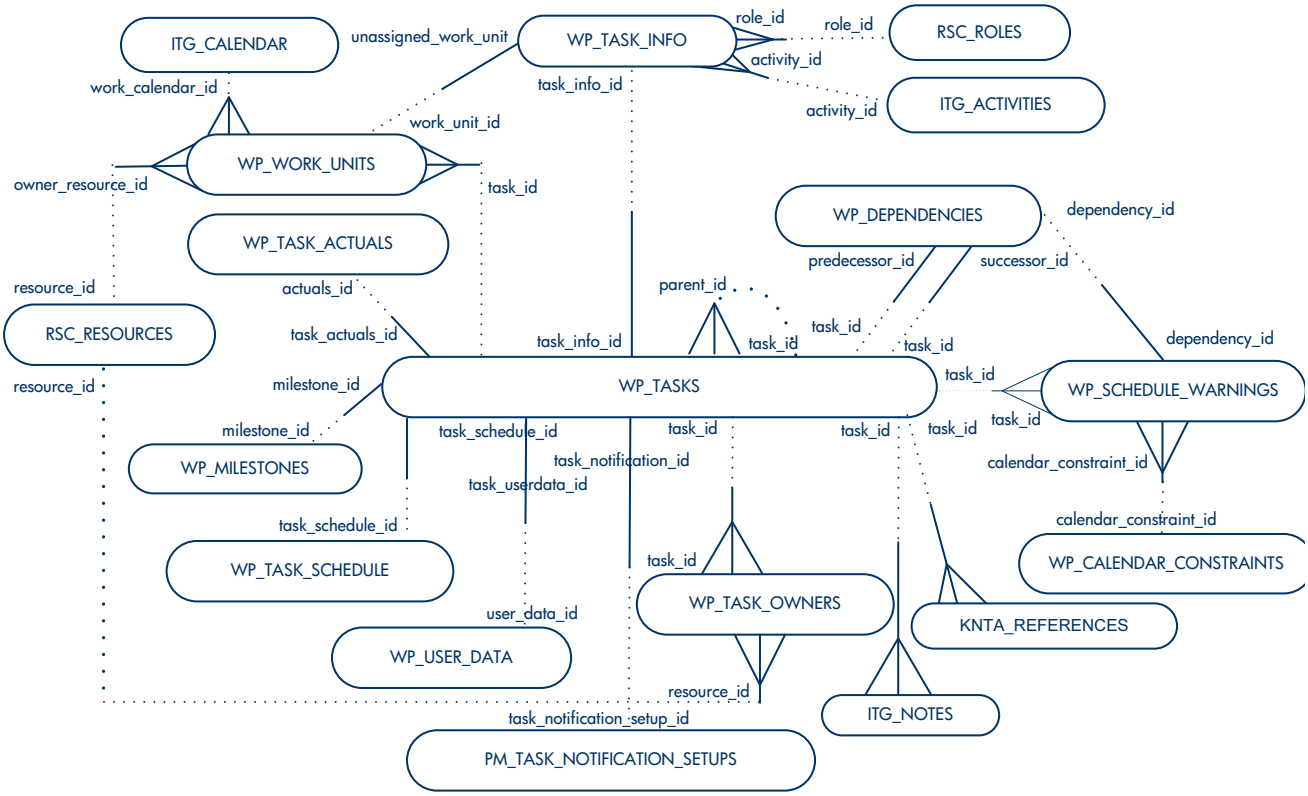


Figure 2-28. Projects

Figure 2-29. Tasks



HP Time Management Diagrams

Figure 2-30. HP Time Management interface

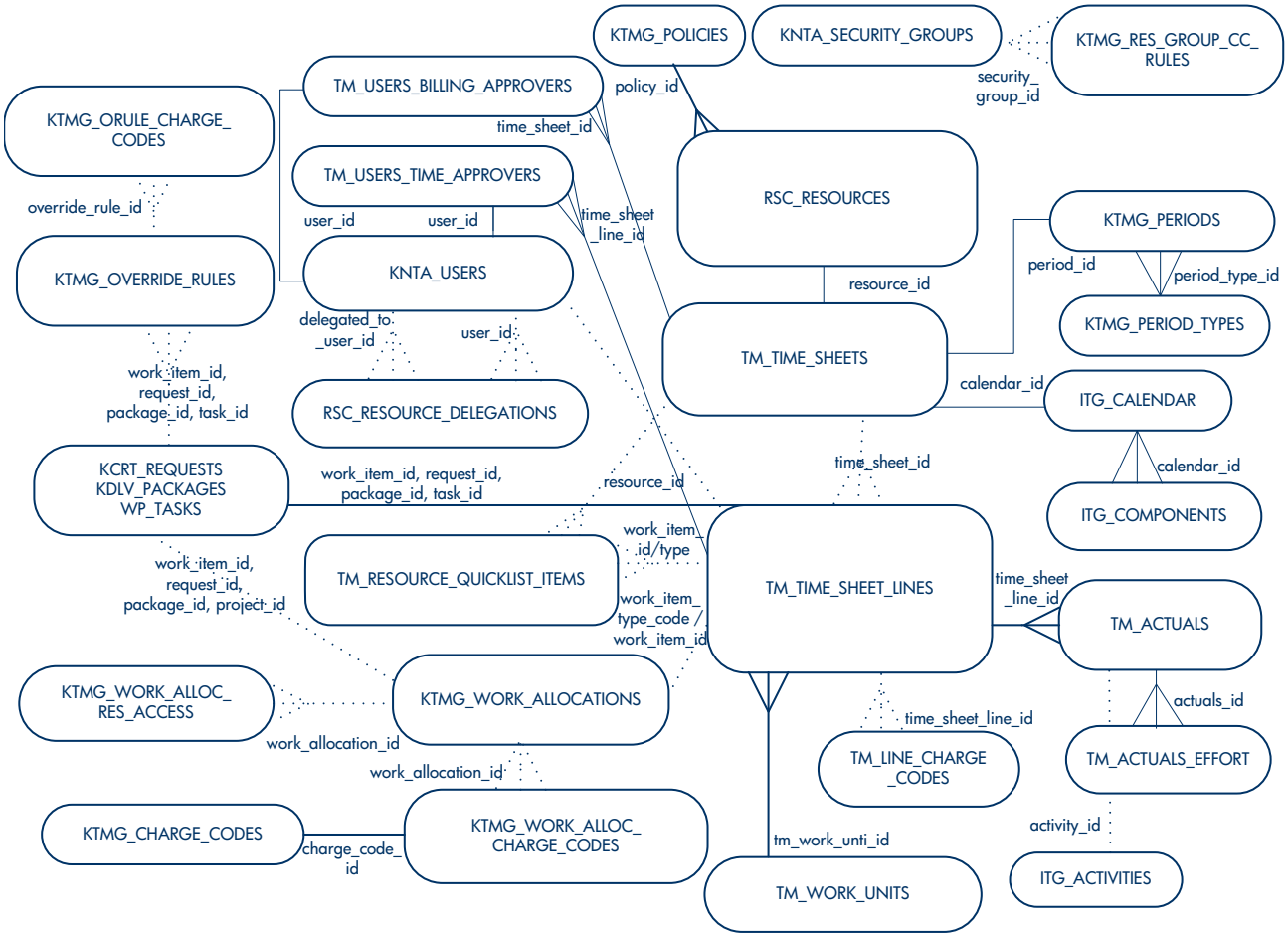
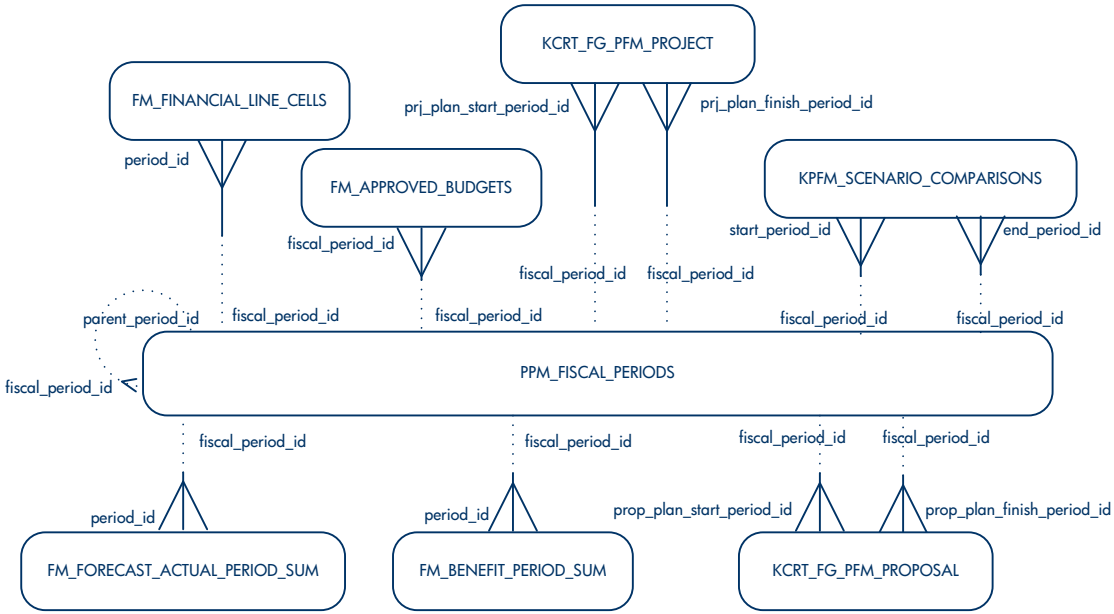


Figure 2-31. Fiscal periods



HP Resource Management Diagrams

Figure 2-32. Resource pools

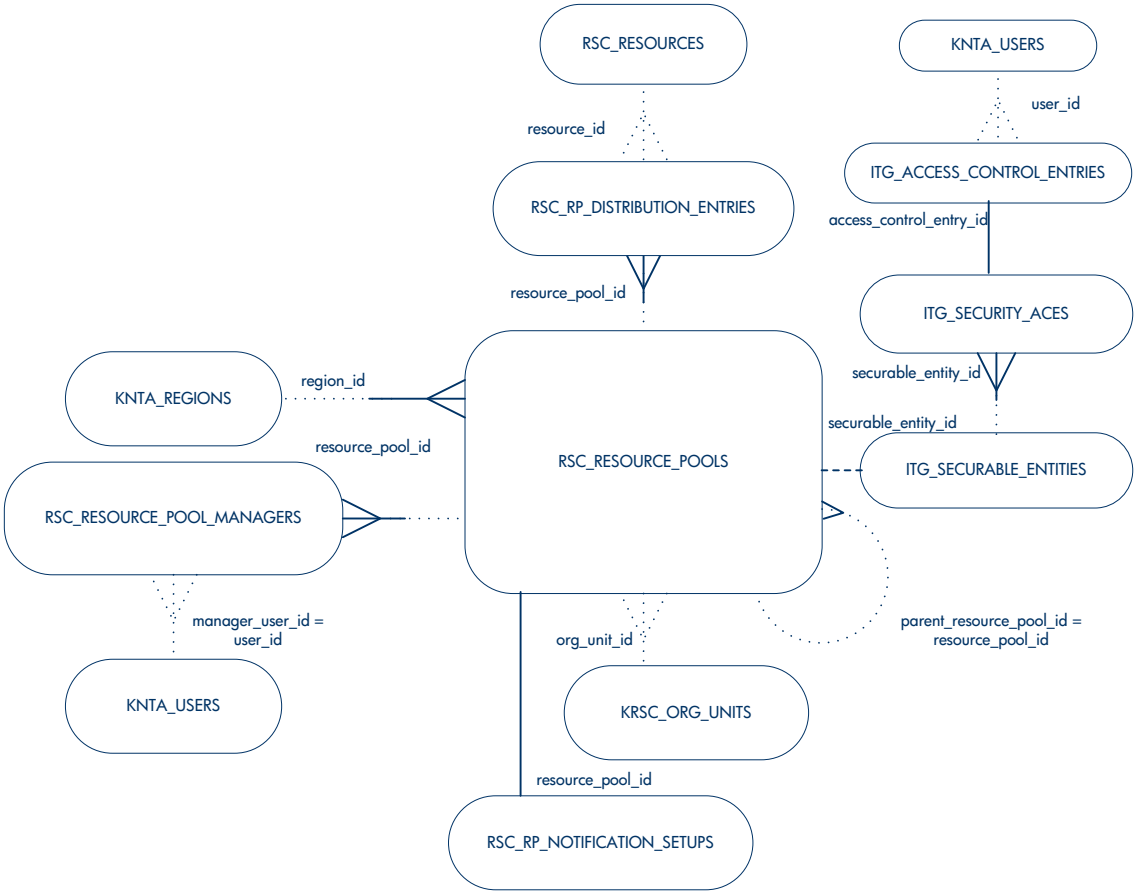


Figure 2-33. Resources

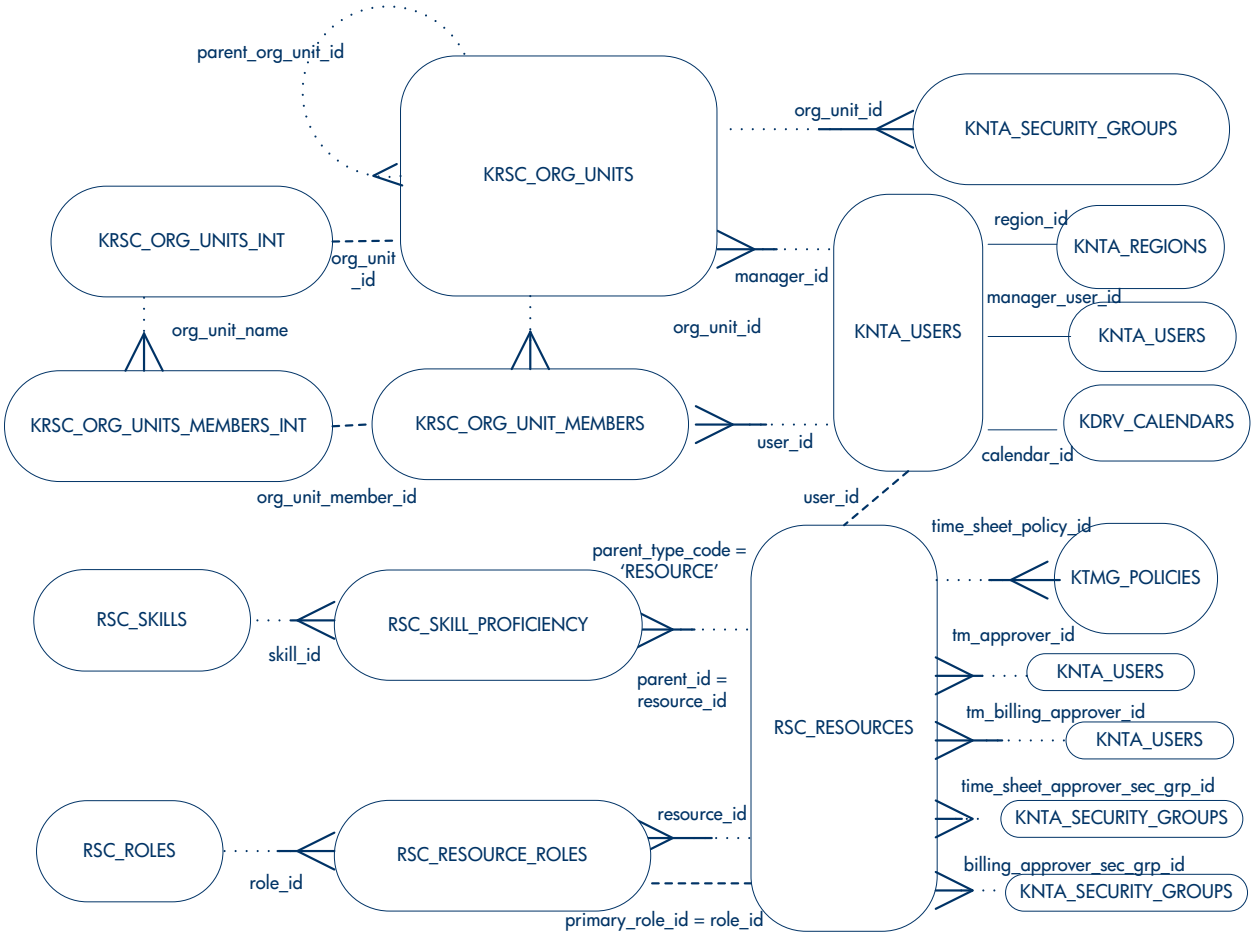


Figure 2-34. Staffing profiles

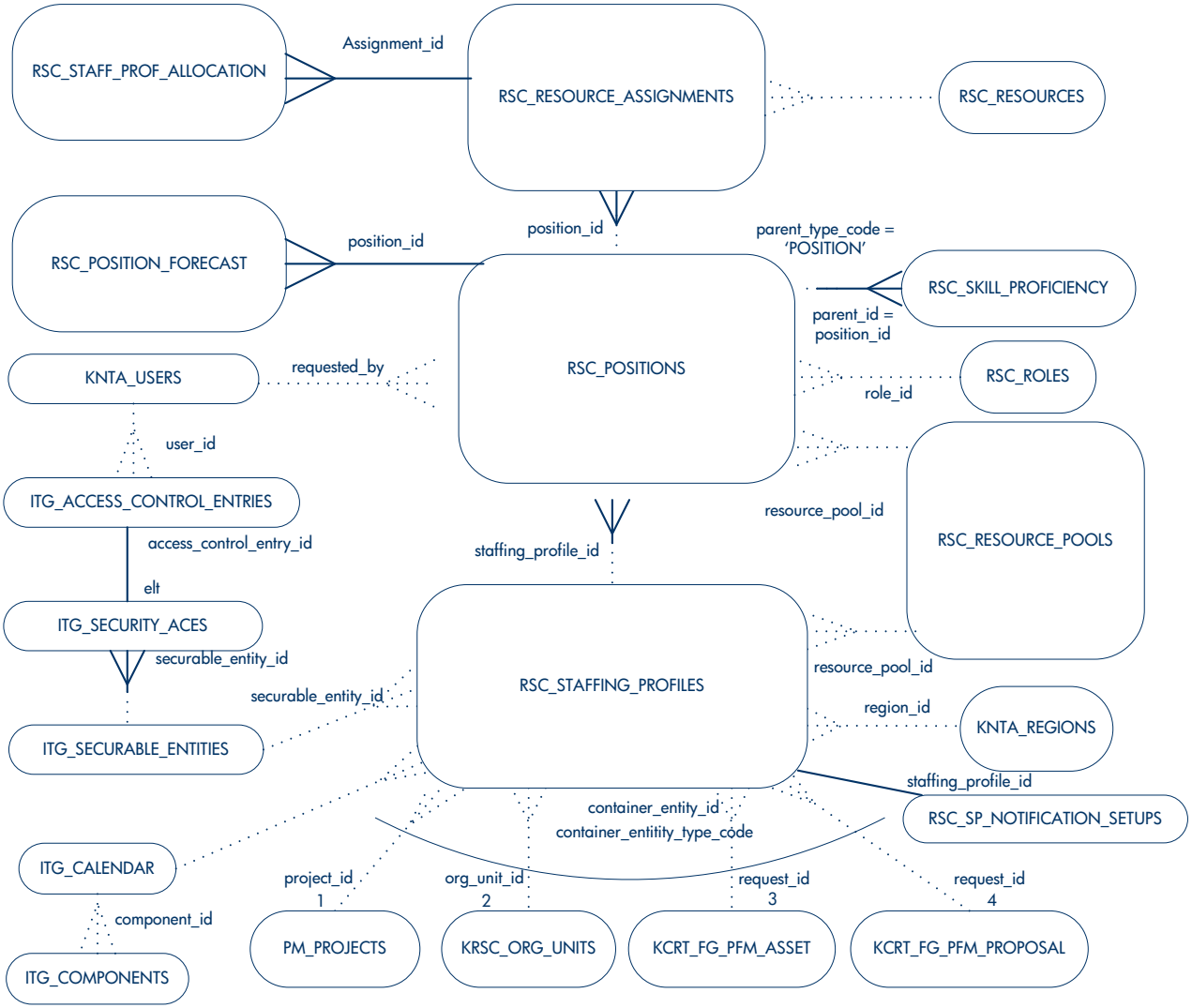
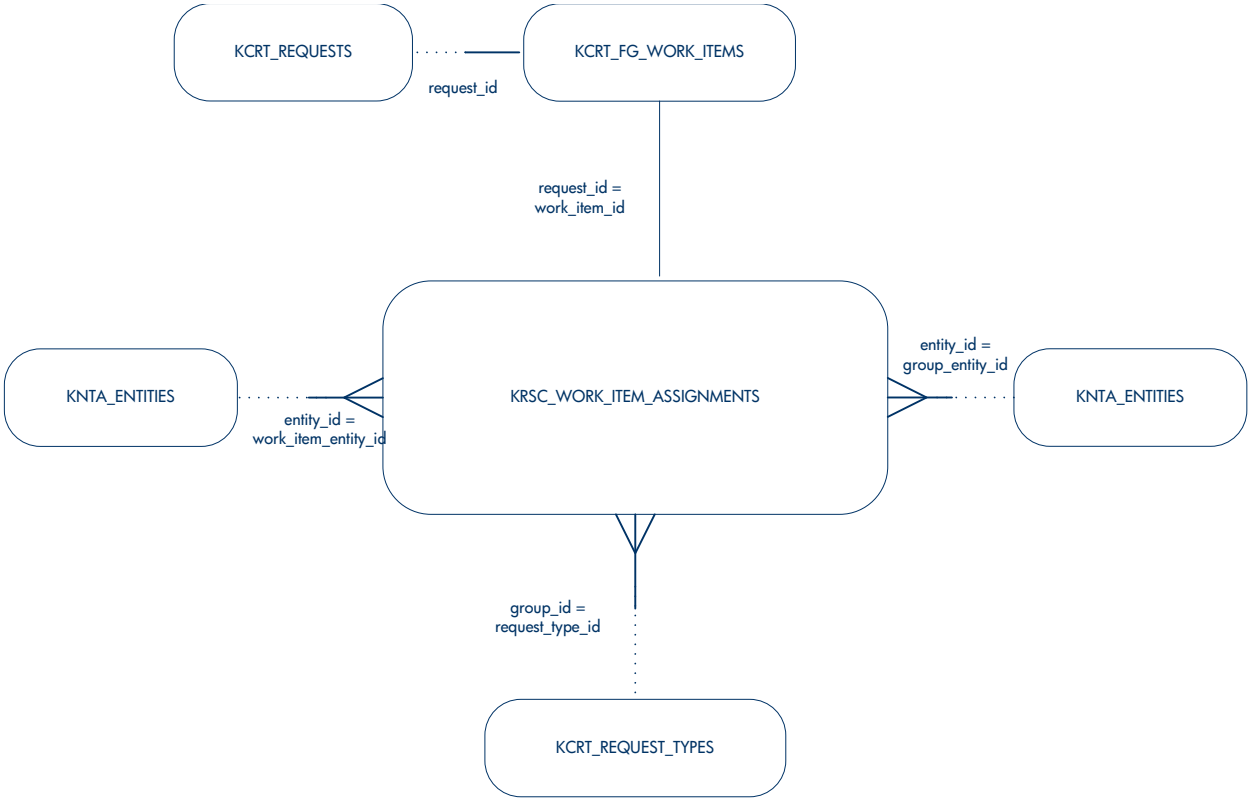


Figure 2-35. Work item assignments



HP Program Management Diagrams

Figure 2-36. HP Program Management interface

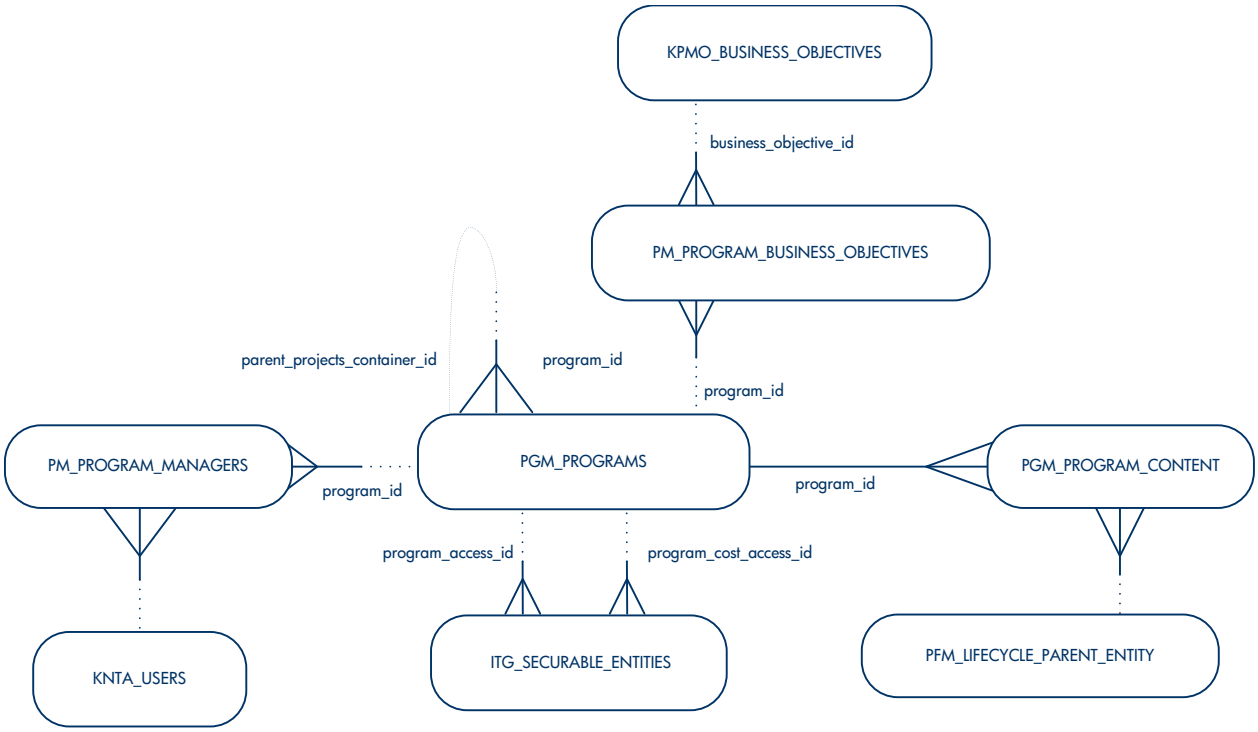


Figure 2-37. HP Portfolio Management interface

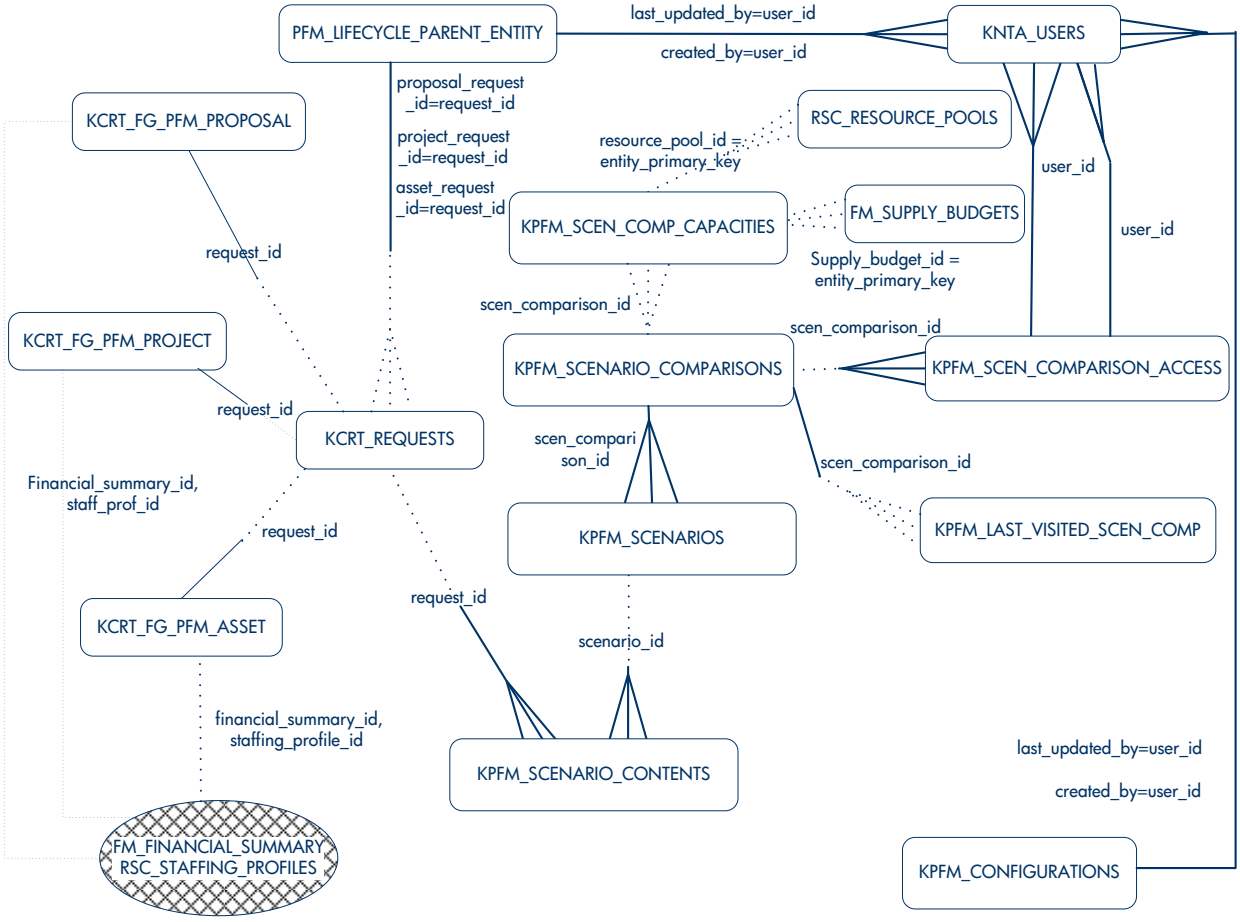


Figure 2-38. Hierarchical portfolio

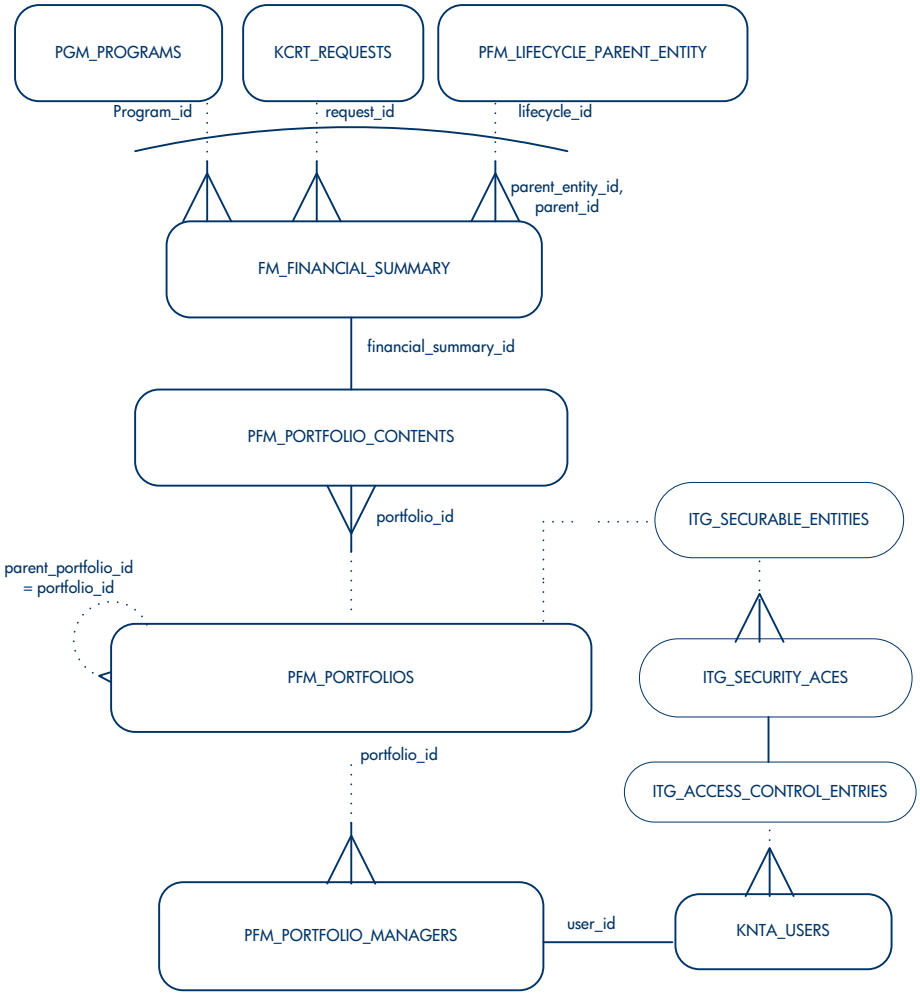


Figure 2-39. Cost data

Figure 2-40. Financial Summary

Figure 2-41. HP Deployment Management interface

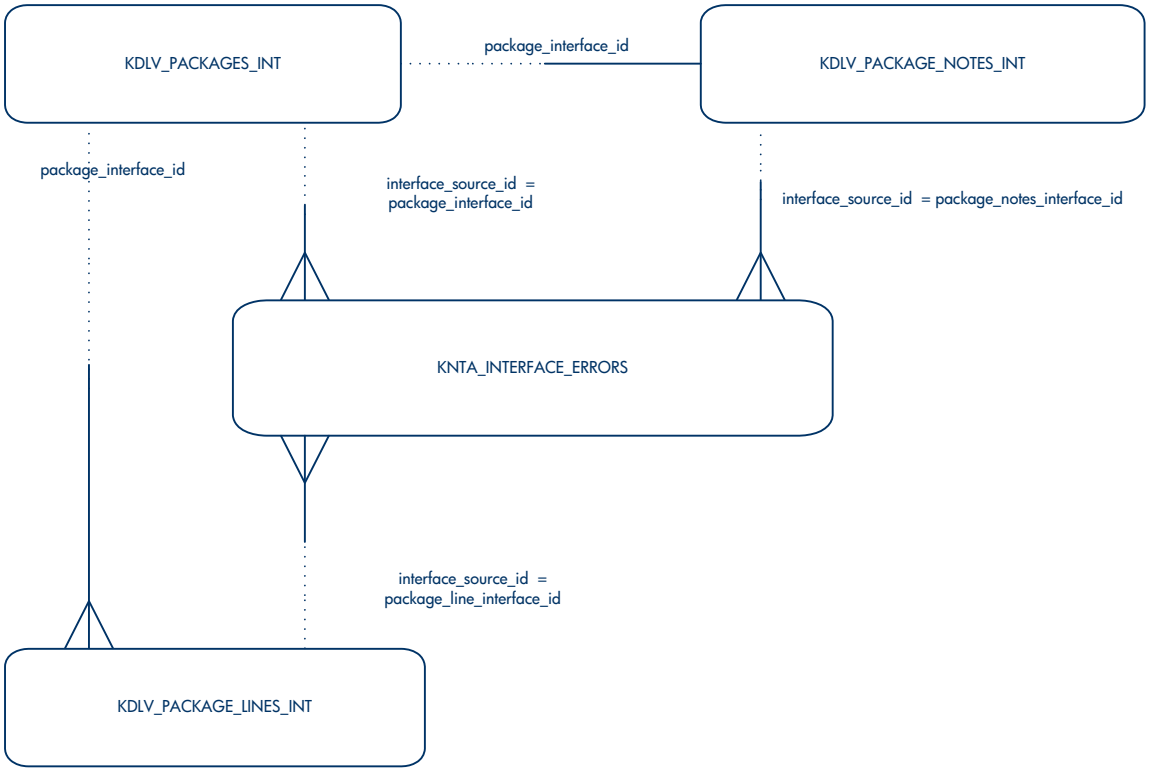


Figure 2-42. Environment comparison

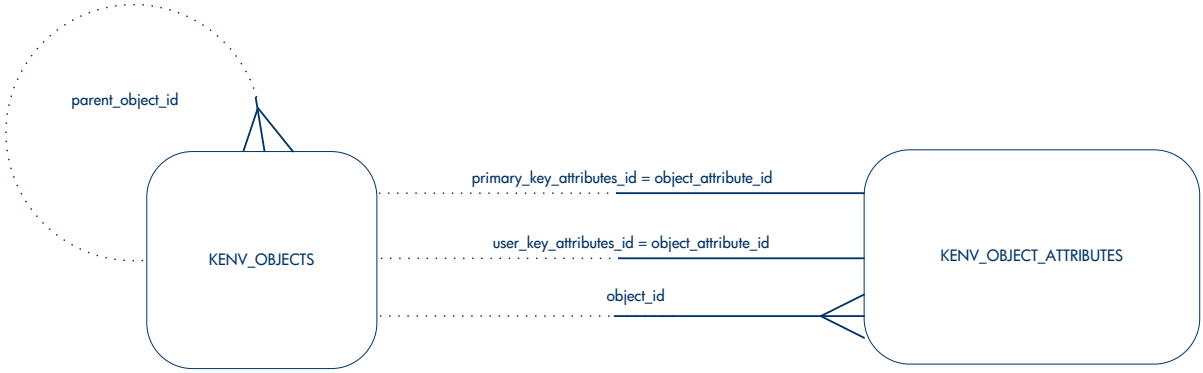


Figure 2-43. Environment groups

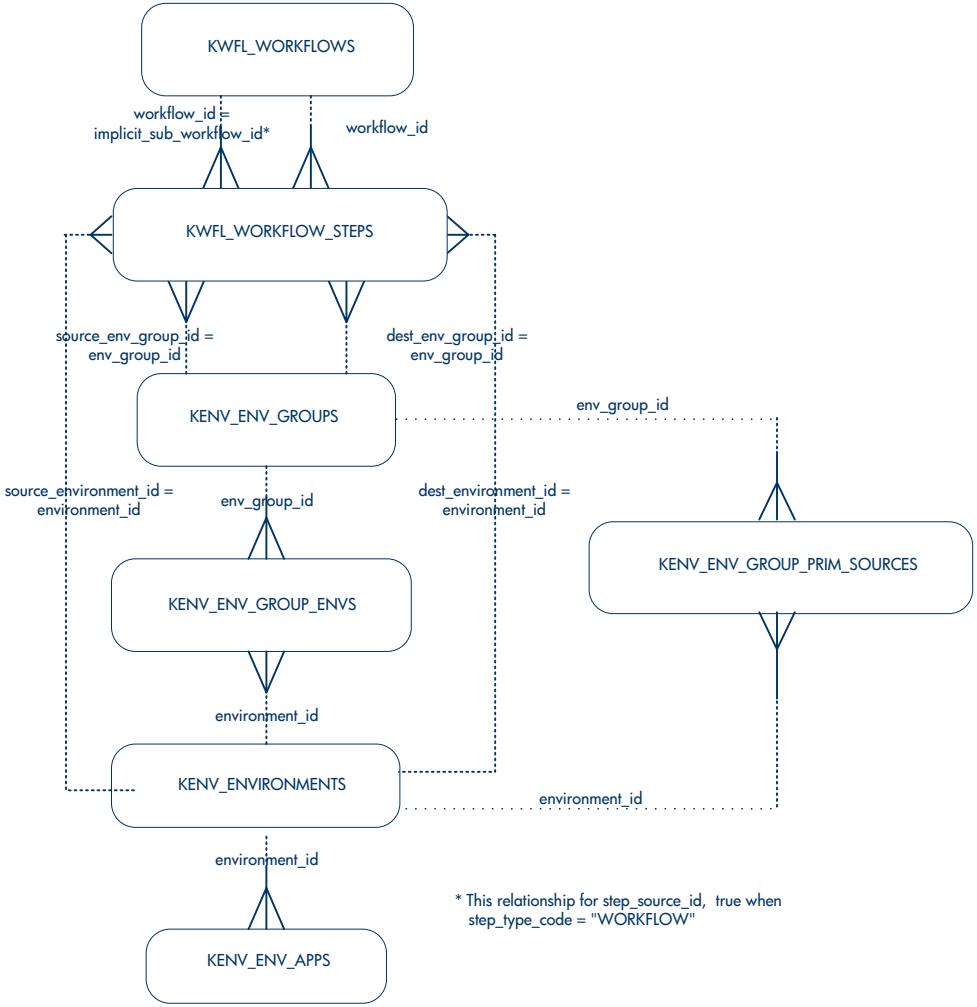


Figure 2-44. Environment refresh

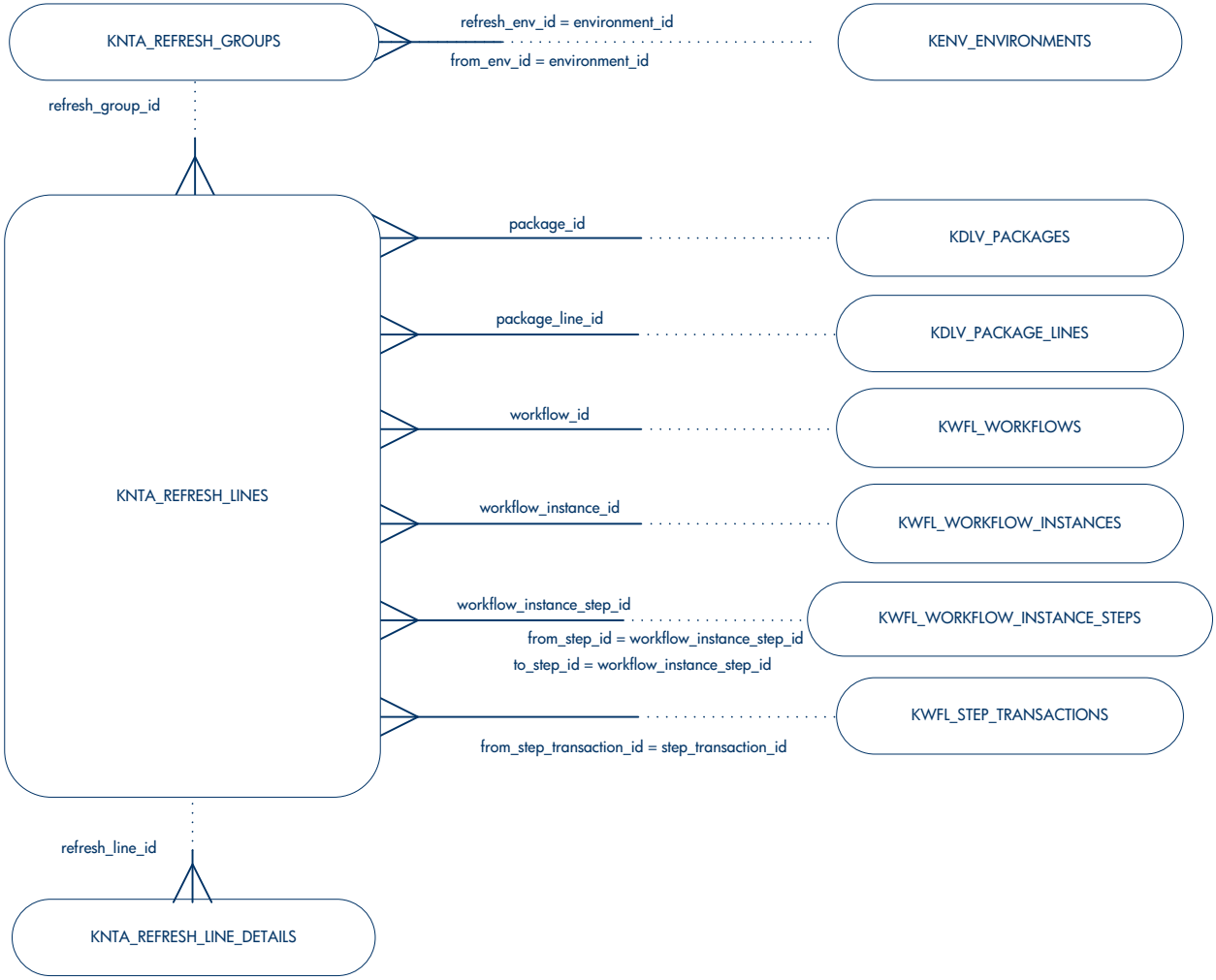


Figure 2-45. Environments

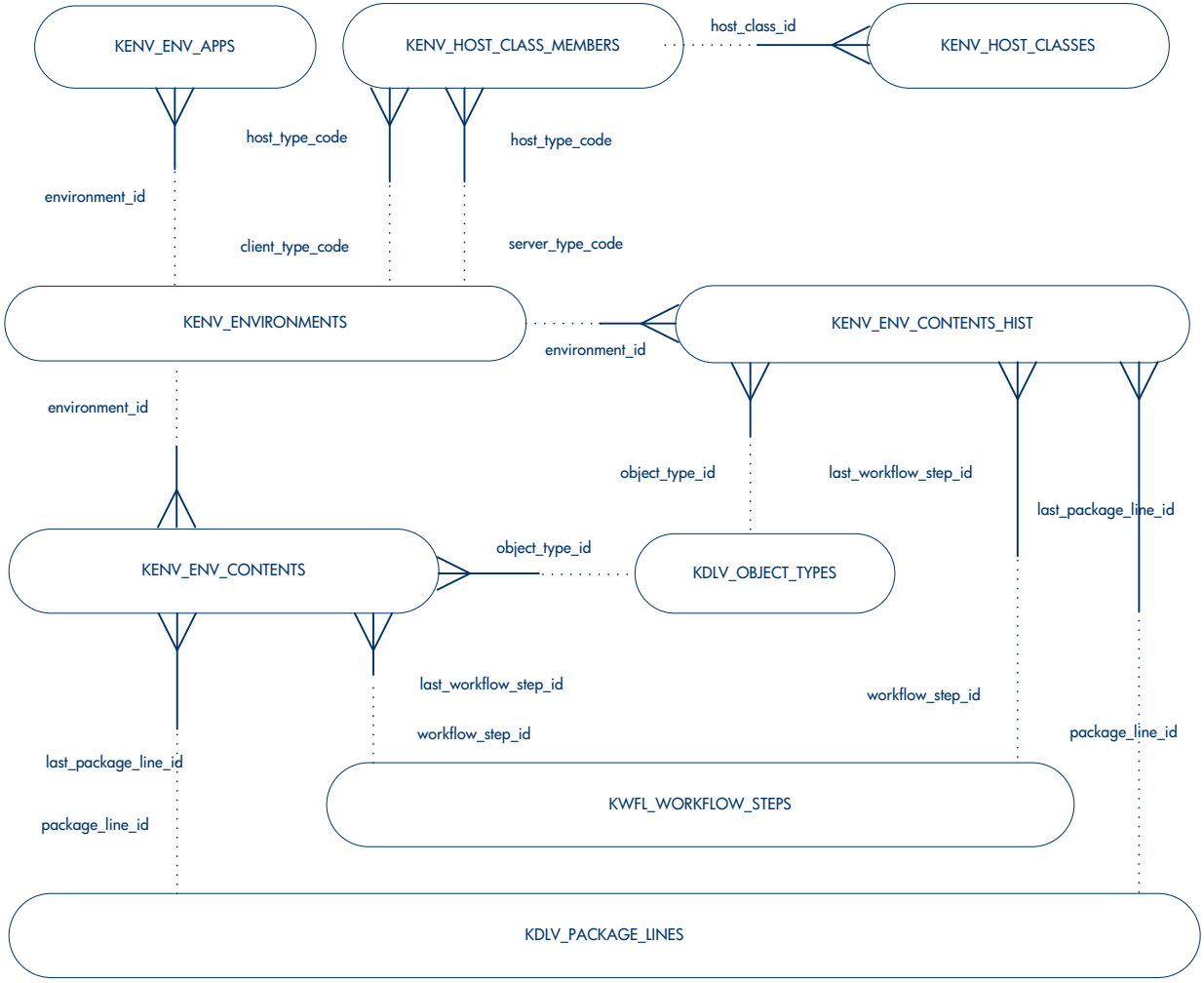


Figure 2-46. Packages

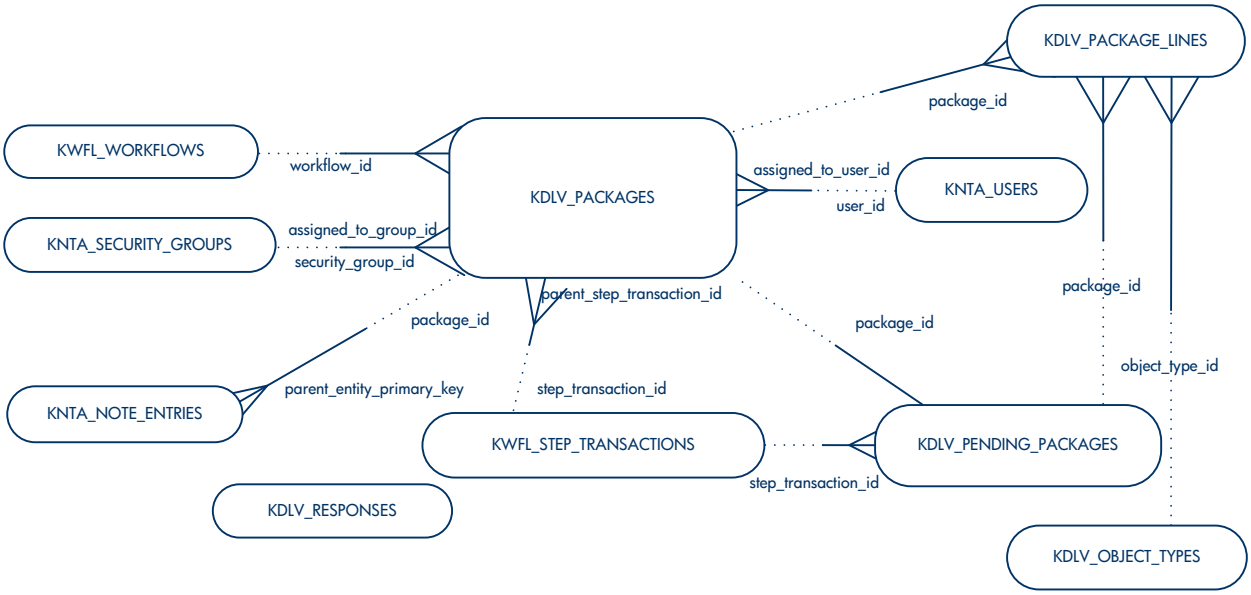


Figure 2-47. Release distributions

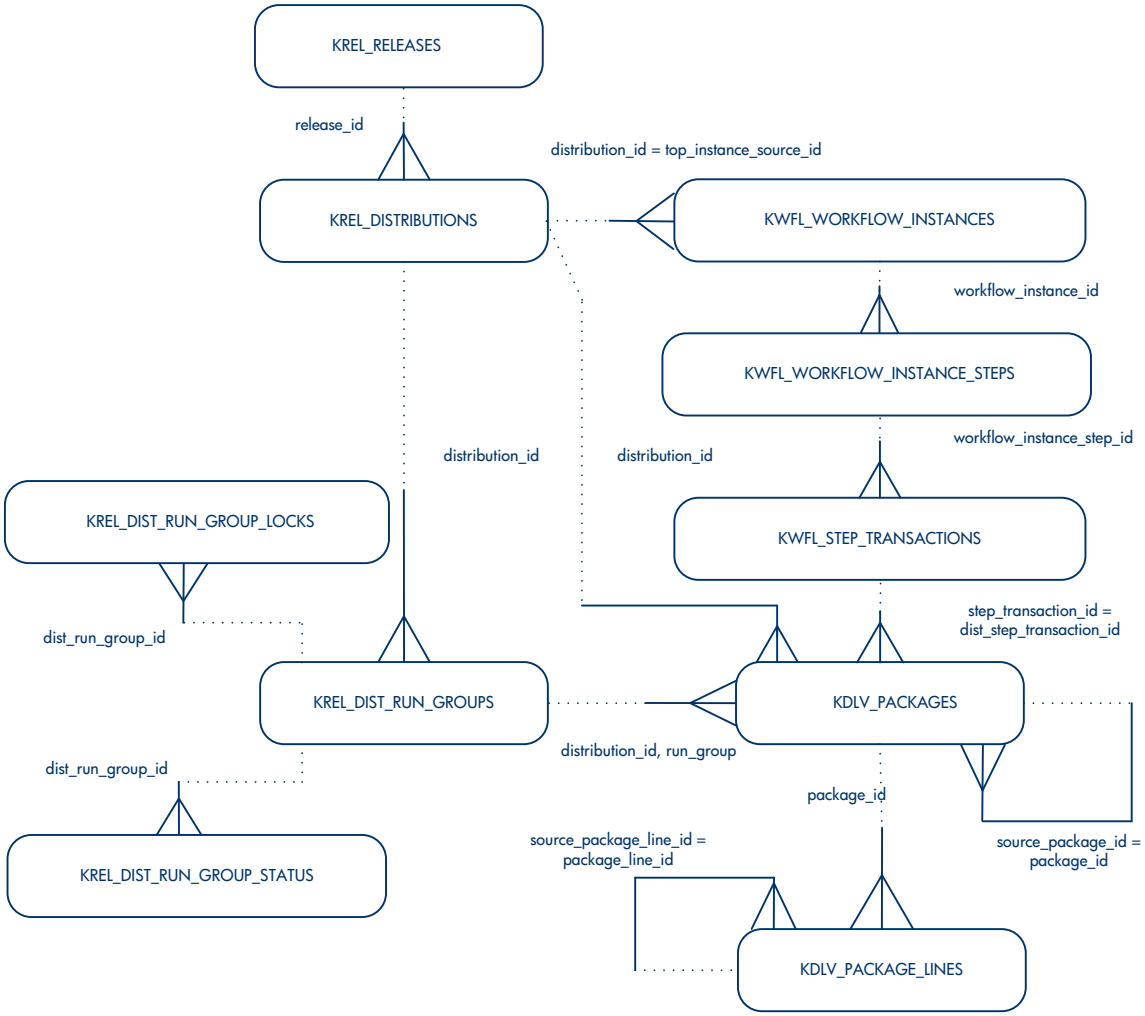
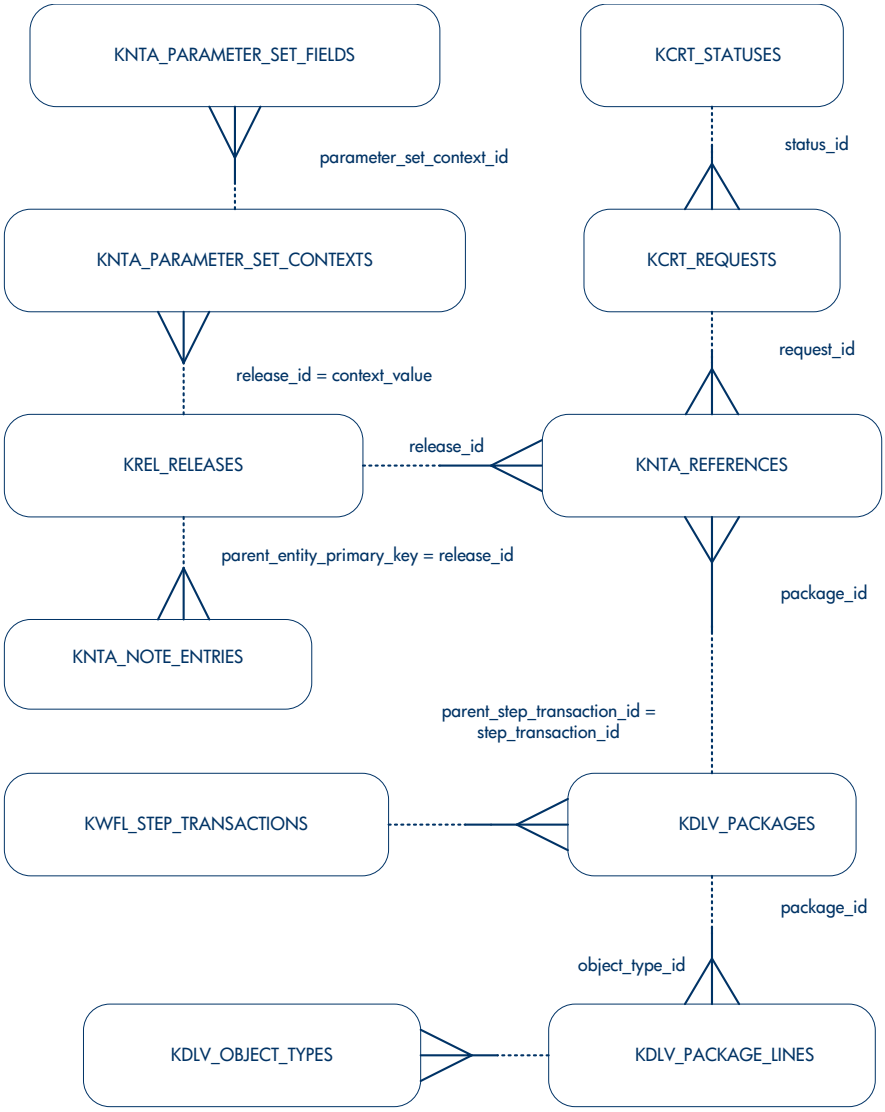


Figure 2-48. Releases



HP Center Management for Quality Center Diagrams

Figure 2-49. HP Center Management for Quality Center interface

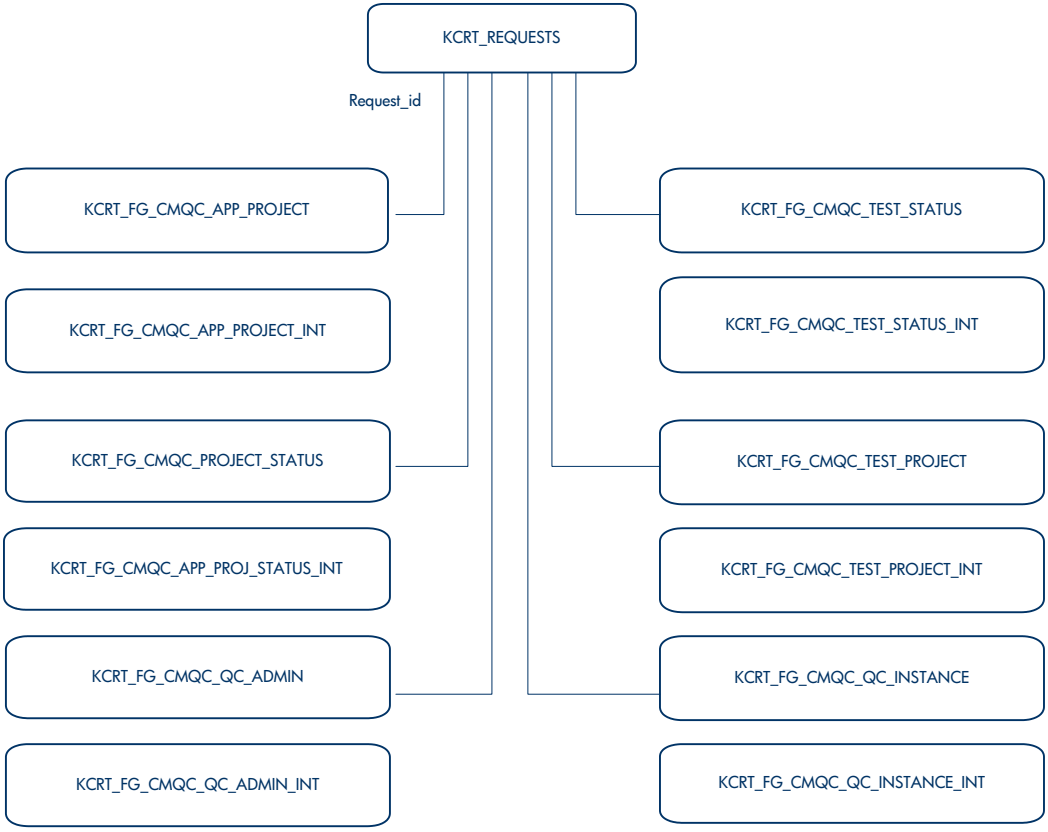


Figure 2-50. Integration with Quality Center using ALM

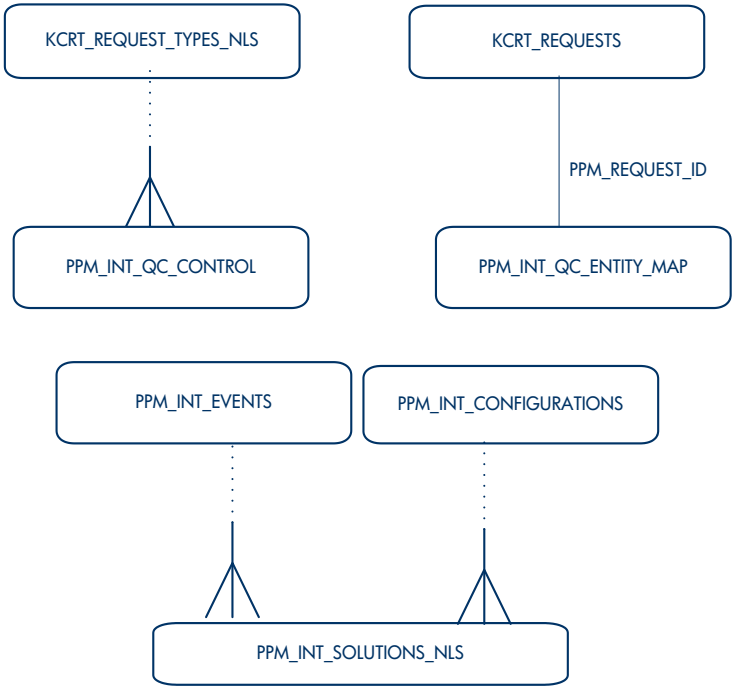


Figure 2-51. Integration with Universal CMDB

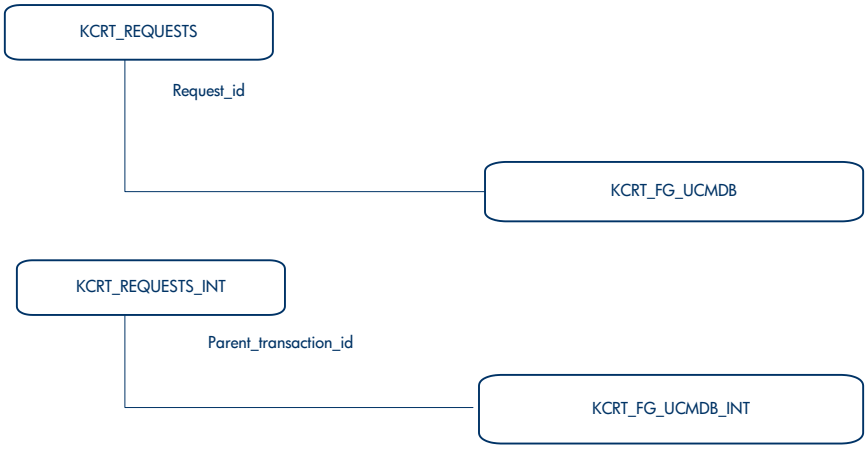


Figure 2-52. Approved budget

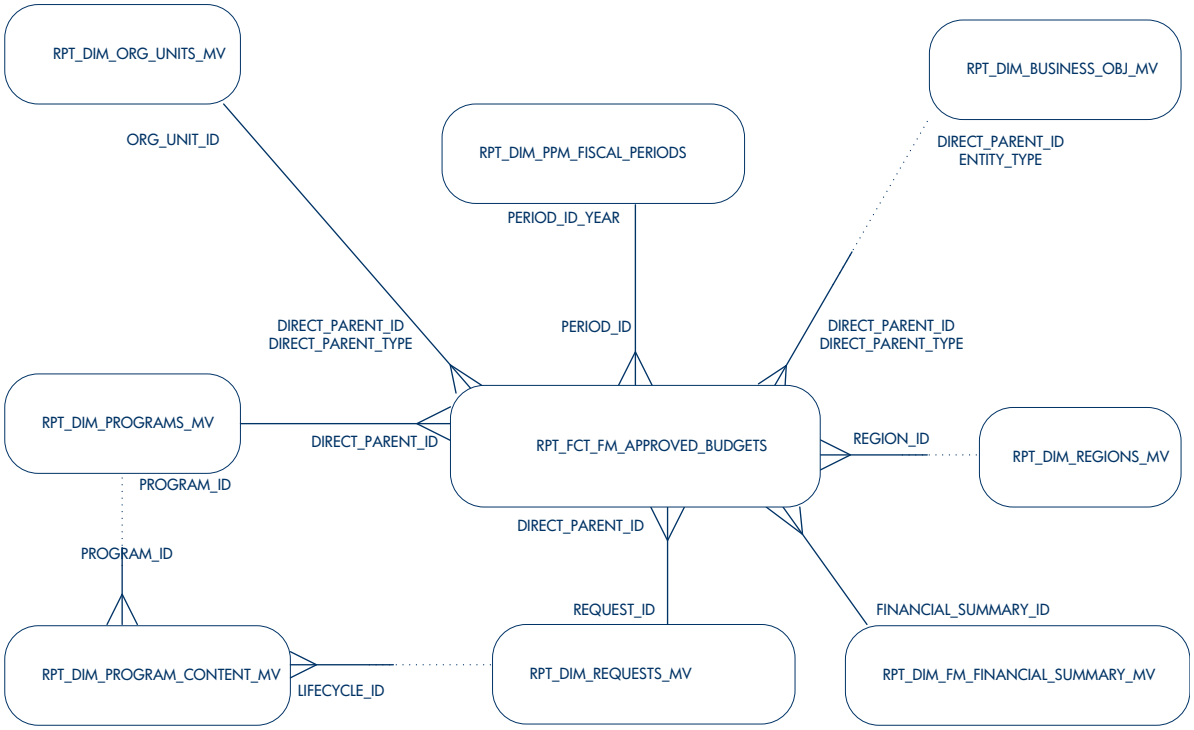


Figure 2-53. Forecast and actual

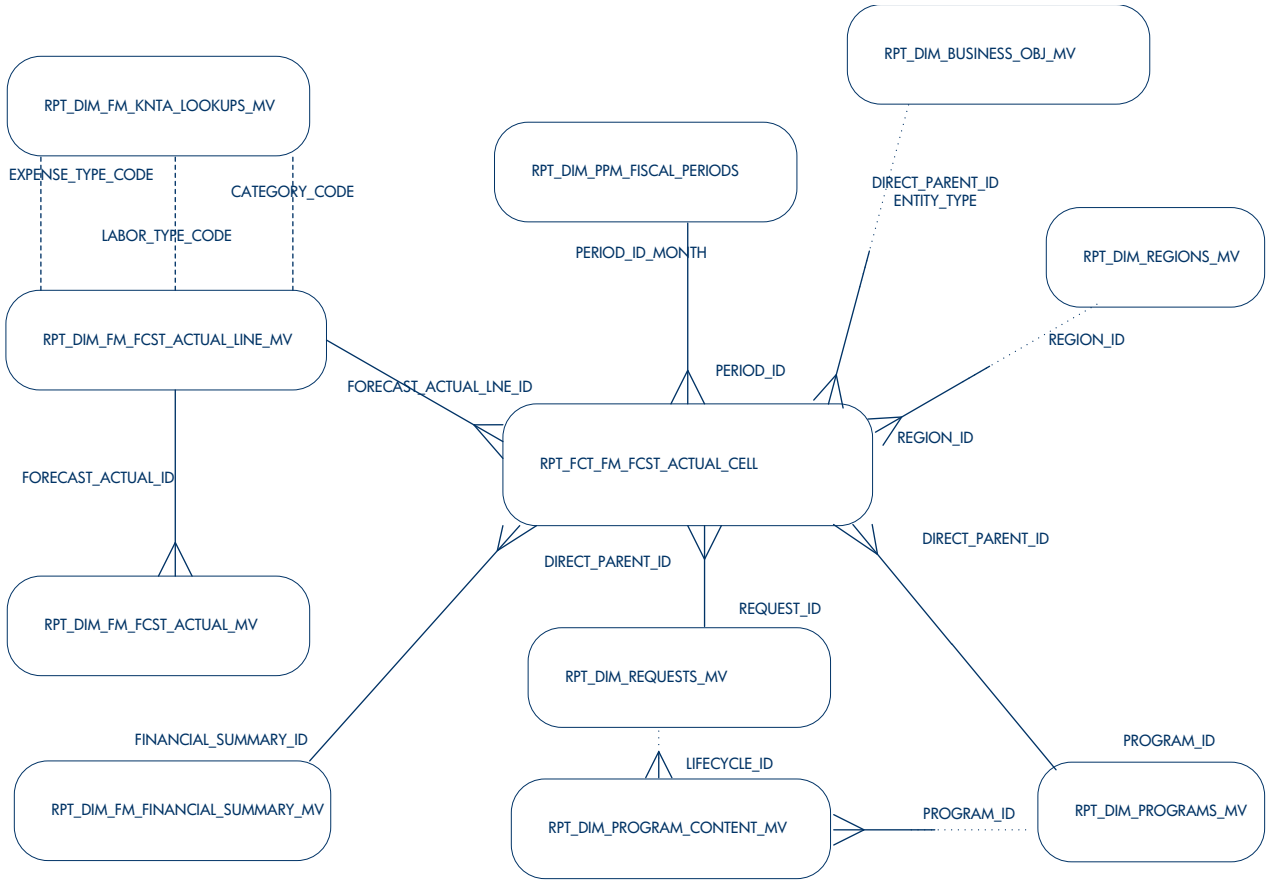


Figure 2-54. Forecast, actual, and approved budget

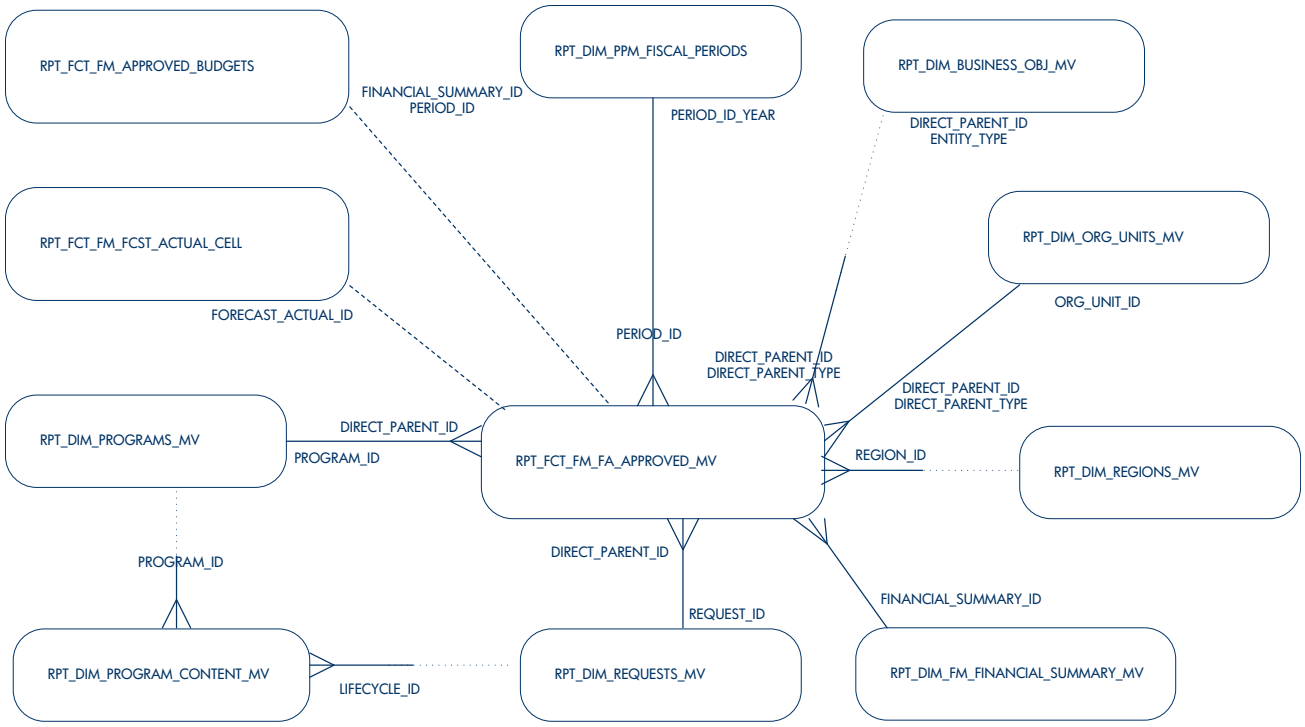


Figure 2-55. PM Universe

Figure 2-56. Resource capacity

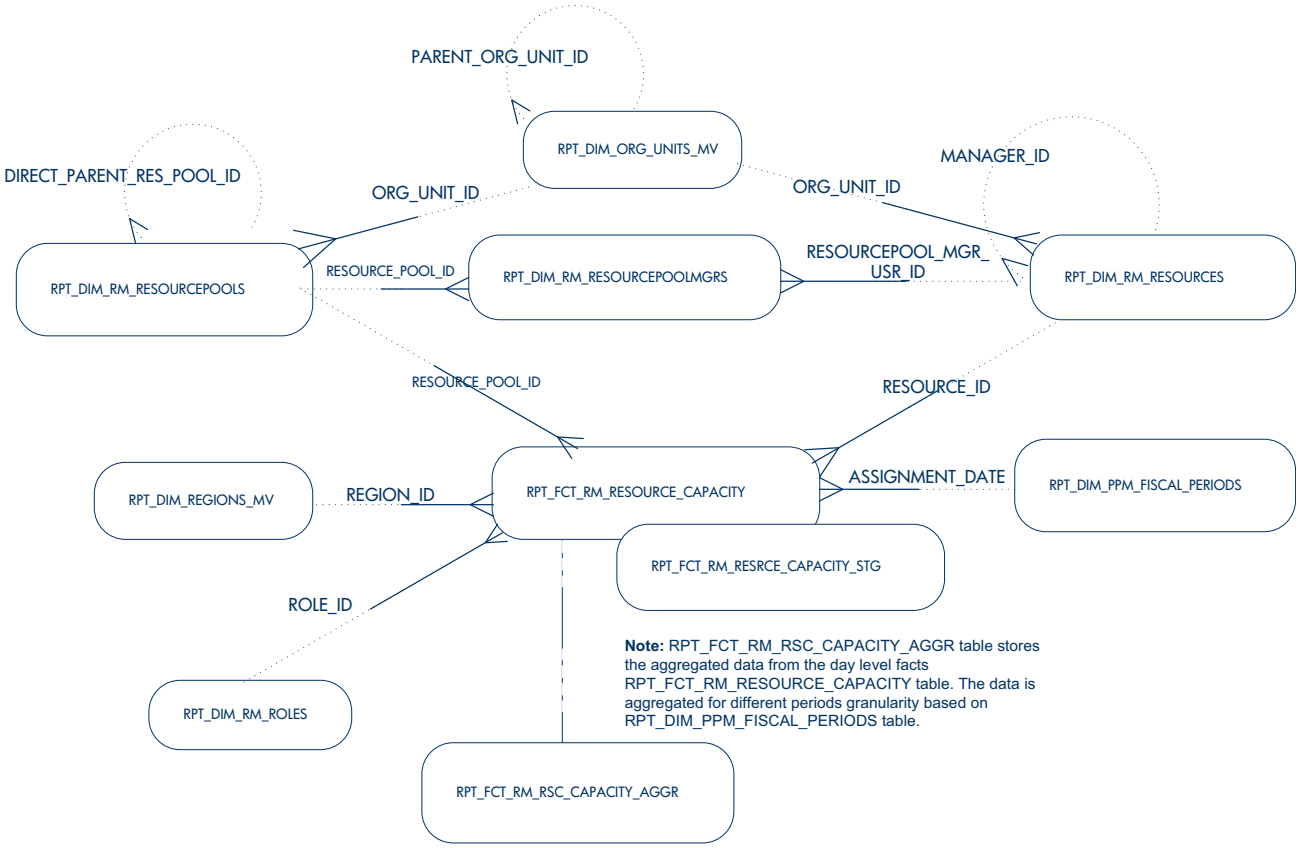


Figure 2-57. Resource demand

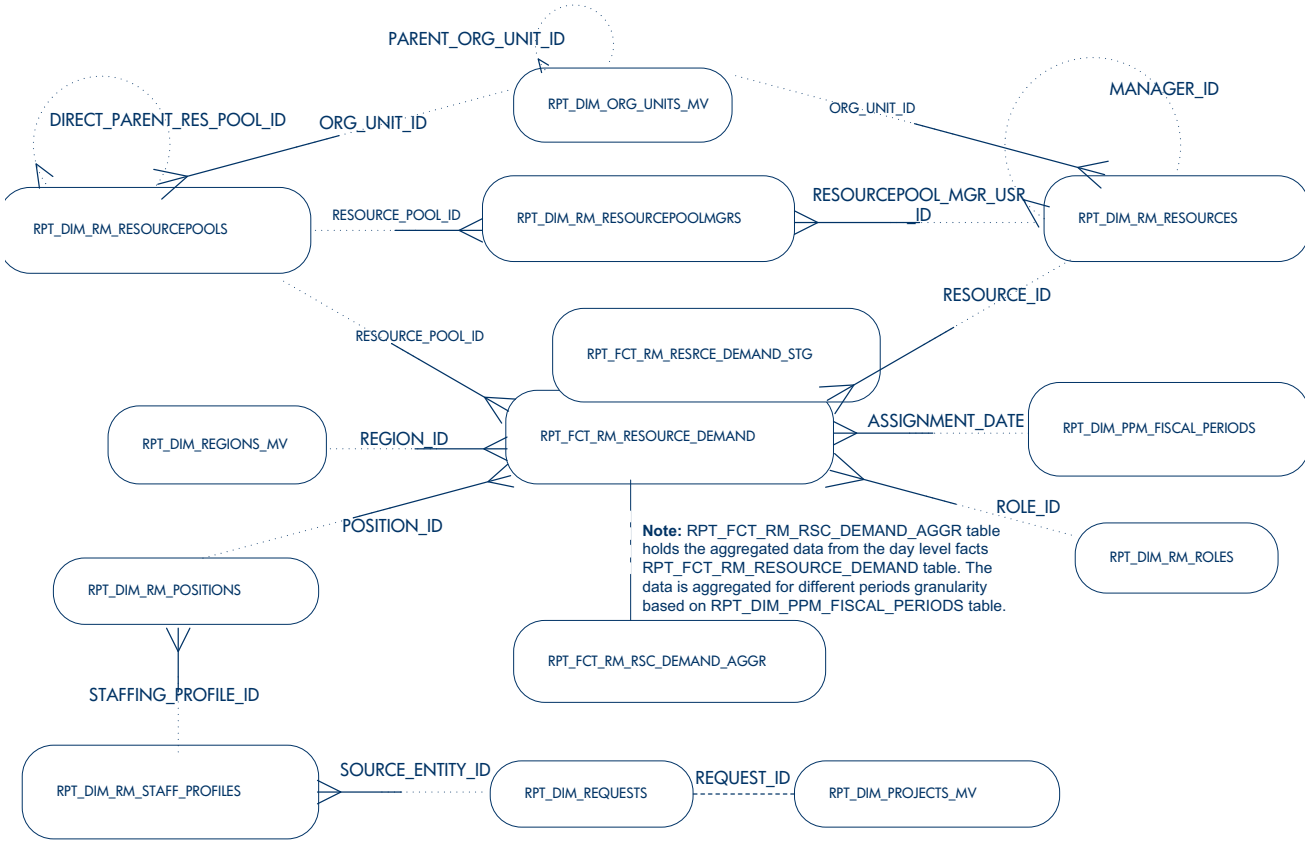


Figure 2-58. Resource effort

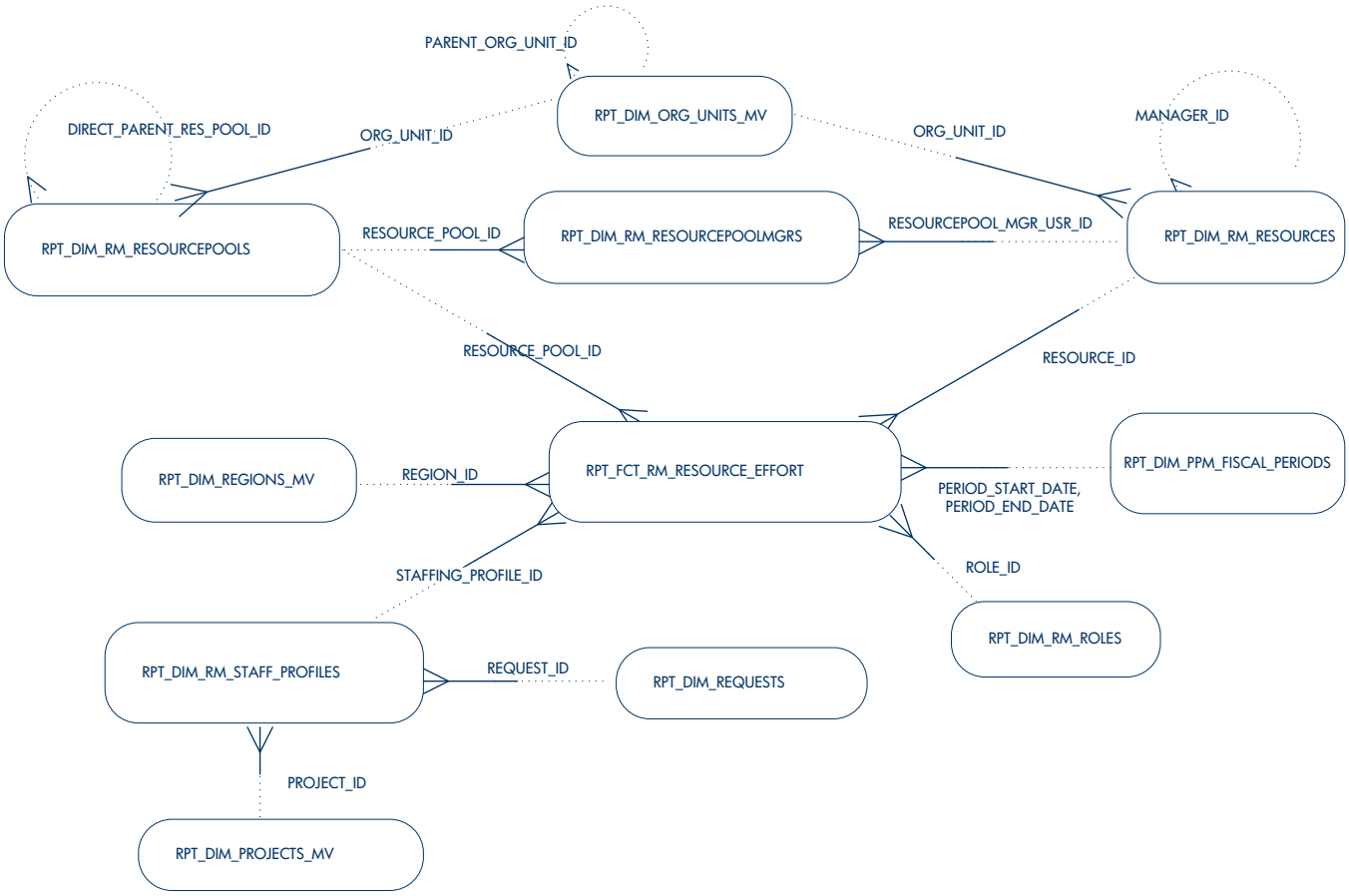


Figure 2-59. Time management

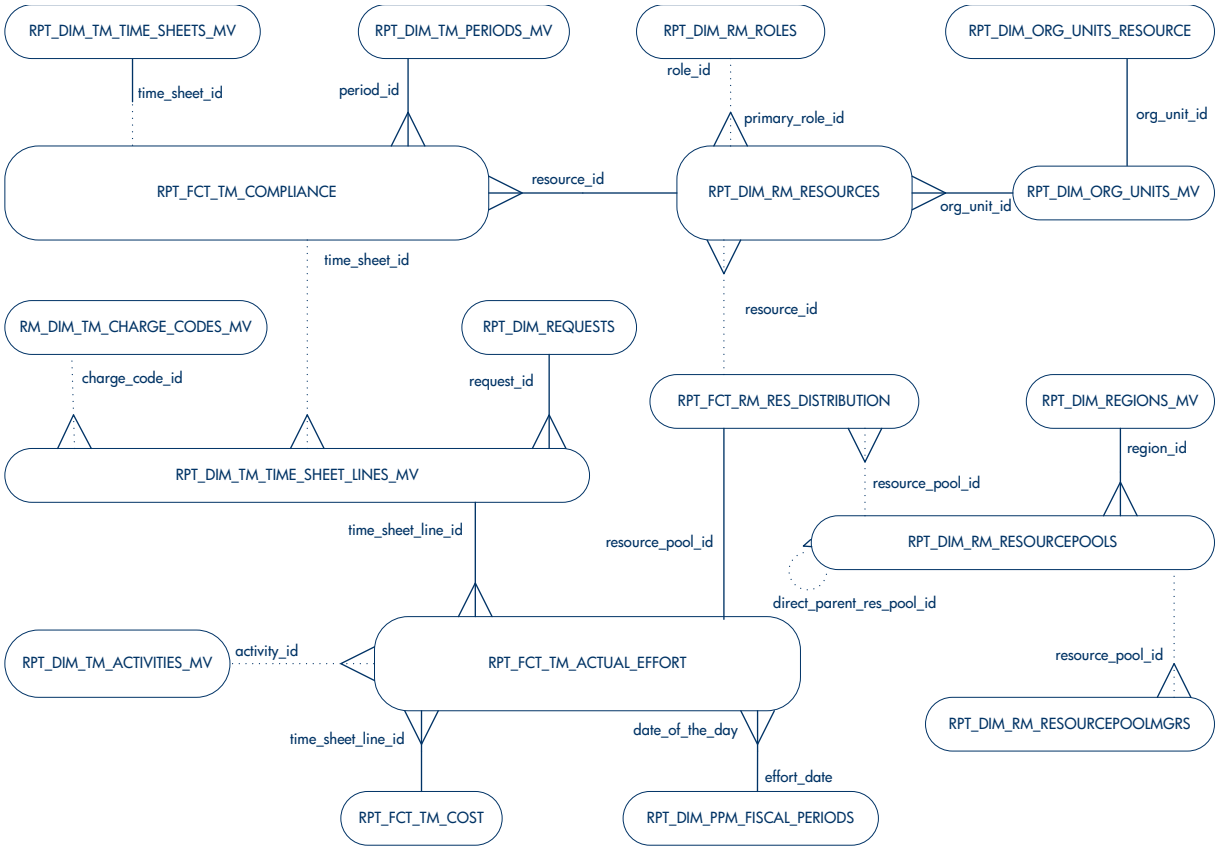
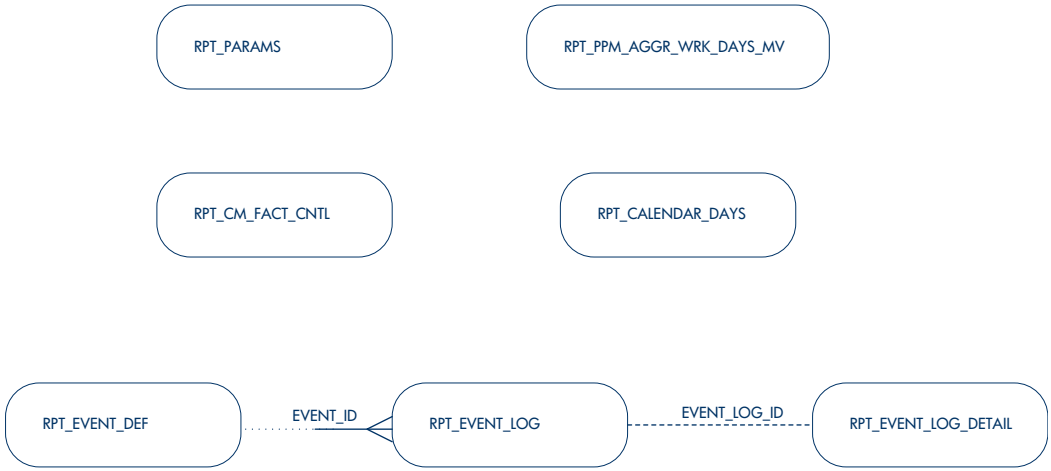


Figure 2-60. Other tables used during processing



3 Operational Reporting Tables and Views

This chapter provides a complete list of data tables and views created in PPM Center 9.10, added in PPM Center 9.12 CP1 for the Business Objects Operational Reporting schema, and data tables created in PPM Center 9.13. This chapter also includes a list of CDC tables that are copied over from the PPM Center database.

For more information about the BO Operational Reporting, see the *Operational Reporting Administrator's Guide* and the *Operational Reporting User's Guide*.

Operational Reporting Data Tables

The following data tables are created based on core PPM data tables for the Operational Reporting schema.

- Data tables created in PPM Center 9.10:
  - *RPT_CALENDAR_DAYS*
  - *RPT_CM_FACT_CNTL*
  - *RPT_DIM_PPM_FISCAL_PERIODS*
  - *RPT_DIM_RM_POSITIONS*
  - *RPT_DIM_RM_RESOURCEPOOLMGRS*
  - *RPT_DIM_RM_RESOURCEPOOLS*

- *RPT_DIM_RM_RESOURCES*
- *RPT_DIM_RM_ROLES*
- *RPT_DIM_RM_STAFF_PROFILES*
- *RPT_DIM_TM_TIME_SHEETS*
- *RPT_DIM_TM_TIME_SHEET_LINES*
- *RPT_ETL_JOB*
- *RPT_EVENT_DEF*
- *RPT_EVENT_LOG*
- *RPT_EVENT_LOG_DETAIL*
- *RPT_FCT_FM_APPROVED_BUDGETS*
- *RPT_FCT_FM_FCST_ACTUAL_CELL*
- *RPT_FCT_RM_RESOURCE_CAPACITY*
- *RPT_FCT_RM_RESOURCE_DEMAND*
- *RPT_FCT_RM_RESOURCE_DEMAND_STG*
- *RPT_FCT_RM_RESOURCE_EFFORT*
- *RPT_FCT_RM_RESRCE_CAPACITY_STG*
- *RPT_FCT_RM_RES_DISTRIBUTION*
- *RPT_FCT_RM_RSC_CAPACITY_AGGR*
- *RPT_FCT_RM_RSC_DEMAND_AGGR*
- *RPT_FCT_TM_ACTUAL_EFFORT*
- *RPT_FCT_TM_COMPLIANCE*
- *RPT_FCT_TM_COST*
- *RPT_KNTA_USERS_DELETES*

- *RPT_PARAMS*
- *RPT_RECREATE_INDEX*
- *RPT_RERUN_STATUS*
- *RPT_RM_FACT_CNTL*
- *RPT_RM_RSC_RP_ENTRIES*
- *RPT_RSC_RPDE_DELETES*

- Data tables added in PPM Center 9.12 CP1:
  - *RPT_DEPLOYMENT*
  - *RPT_DIM_PM_TASKS*
  - *RPT_DIM_REQ_DTL_CUSTOM_PARAMS*
  - *RPT_DIM_REQ_HDR_CUSTOM_PARAMS*
  - *RPT_FCT_PM_AGGR_PROJ_EFFORT*
  - *RPT_FCT_PM_AGGR_TASK_EFFORT*
  - *RPT_FCT_PM_TASK_ASSIGNMENTS*
  - *RPT_FCT_PM_TASK_COST*
  - *RPT_FCT_PM_TASK_UNASSGN_EFFORT*
  - *RPT_PM_PROJECT_ENTRIES*
  - *RPT_PM_PROJECT_MANAGERS*
  - *RPT_PM_TASK_ENTRIES*
  - *RPT_UPGRADE_PARAMS*
- Data tables created in PPM Center 9.13
  - *KNTA_DOCUMENT_HISTORY_CONTENTS*
  - *KNTA_DOCUMENT_TIP_CONTENTS*

- *KNTA_DOCUMENT_VERSIONS*

Operational Reporting Views

The following are the new views materialized for the Operational Reporting schema.

- Views materialized in PPM Center 9.10:
  - *RPT_DIM_BUSINESS_OBJ_MV*
  - *RPT_DIM_FM_FCST_ACTUAL_LINE_MV*
  - *RPT_DIM_FM_FCST_ACTUAL_MV*
  - *RPT_DIM_FM_FIN_SUMMARY_MV*
  - *RPT_DIM_FM_KNTA_LOOKUPS_MV*
  - *RPT_DIM_ORG_UNITS_MV*
  - *RPT_DIM_PROGRAMS_MV*
  - *RPT_DIM_PROGRAM_CONTENT_MV*
  - *RPT_DIM_PROJECTS_MV*
  - *RPT_DIM_REGIONS_MV*
  - *RPT_DIM_TM_ACTIVITIES_MV*
  - *RPT_DIM_TM_CHARGE_CODES_MV*
  - *RPT_DIM_TM_PERIODS_MV*
  - *RPT_FCT_FM_FA_APPROVED_MV*
  - *RPT_PPM_AGGR_WRK_DAYS_MV*
- Views materialized in PPM Center 9.12 CP1:
  - *RPT_DIM_PM_DTL_CSTPARMS_IRS_MV*

- *RPT_DIM_PM_HDR_CSTPARMS_IRS_MV*
- *RPT_DIM_PM_PROJ_ISSUE_MV*
- *RPT_DIM_PM_PROJ_RISK_MV*
- *RPT_DIM_PM_PROJ_SCPCHG_MV*
- *RPT_DIM_PM_PROJ_SETTINGS_MV*
- *RPT_DIM_PM_WORKPLAN_MV*

CDC Tables Copied Over from The PPM Center Database

This section lists the CDC tables that contain the latest changes made to PPM Center since the last ETL cycle. Data from the CDC tables in PPM Center are extracted and copied into these tables.

Data from these tables are used to process the changes on the reporting database during the ETL cycle.

Note: HP strongly recommends you not to alter any of these tables.

The CDC tables that are copied over from the PPM Center database include:

- FG_MASTER_PROJ_REF_CDC_PM_W
- FG_PROJ_SCOPE_CHANGE_CDC_PM_W
- FM_APPROVED_BUDGETS_CDC_FM_W
- FM_FAL_CDC_FM_W
- FM_FINANCIAL_SUMMARY_CDC_CM_W
- FM_FINANCIAL_SUMMARY_CDC_FM_W
- FM_FLC_CDC_FM_W
- FM_FORECAST_ACTUALS_CDC_FM_W
- FM_USER_DATA_CDC_FM_W

- ITG_ACTIVITIES_NLS_CDC_TM_W
- ITG_AUDIT_EVENTS_CDC_TM_W
- ITG_SA_CDC_FM_W
- ITG_SC_CDC_FM_W
- ITG_SCA_CDC_FM_W
- ITG_SCC_CDC_FM_W
- KCRT_CONTACTS_CDC_CM_W
- KCRT_FG_PFM_ASSET_CDC_CM_W
- KCRT_FG_PFM_ASSET_CDC_FM_W
- KCRT_FG_PFM_PROJECT_CDC_CM_W
- KCRT_FG_PFM_PROJECT_CDC_FM_W
- KCRT_FG_PFM_PROJECT_CDC_PM_W
- KCRT_FG_PFM_PROPOSAL_CDC_CM_W
- KCRT_FG_PFM_PROPOSAL_CDC_FM_W
- KCRT_FG_PROJ_ISSUE_CDC_PM_W
- KCRT_FG_PROJ_RISK_CDC_PM_W
- KCRT_REQUESTS_CDC_CM_W
- KCRT_RTN_CDC_CM_W
- KCRT_STATUSES_NLS_CDC_CM_W
- KCST_CURRENCIES_NLS_CDC_CM_W
- KCST_CURRENCIES_NLS_CDC_FM_W
- KDLV_PACKAGES_CDC_TM_W
- KDRV_CAL_EXECP_CDC_RM_W

- KDRV_CALENDAR_SETUPS_CDC_CM_W
- KDRV_CALENDAR_SETUPS_CDC_RM_W
- KDRV_CALENDARS_CDC_CM_W
- KDRV_WORKING_DAYS_CDC_CM_W
- KDRV_WORKING_DAYS_CDC_RM_W
- KNTA_LOOKUPS_NLS_CDC_CM_W
- KNTA_LOOKUPS_NLS_CDC_PM_W
- KNTA_REGIONS_NLS_CDC_CM_W
- KNTA_REGIONS_NLS_CDC_RM_W
- KNTA_SEC_GROUPS_NLS_CDC_RM_W
- KNTA_USERS_CDC_CM_W
- KNTA_USERS_CDC_PM_W
- KNTA_USERS_CDC_RM_W
- KPMO\KPMO_BO_NLS_CDC_CM_W
- KPMO\KPMO_BO_NLS_CDC_FM_W
- KKRSC_ORG_UNIT_MEMBERS_CDC_CM_W
- KKRSC_ORG_UNITS_NLS_CDC_CM_W
- KKRSC_ORG_UNITS_NLS_CDC_FM_W
- KTMG_CHARGE_CODES_NLS_CDC_TM_W
- KTMG_PERIOD_TYPES_NLS_CDC_TM_W
- KTMG_PERIODS_CDC_TM_W
- KTMG_POLICIES_CDC_TM_W
- KWFL_WI_CDC_CM_W

- KWFL_WIS_CDC_CM_W
- KWFL_WORKFLOWS_NLS_CDC_CM_W
- KWFL_WSN_CDC_CM_W
- PPFM_LPE_CDC_CM_W
- PPFM_LPE_CDC_FM_W
- PGM_PROGRAM_CONTENT_CDC_CM_W
- PGM_PROGRAM_CONTENT_CDC_FM_W
- PGM_PROGRAMS_CDC_CM_W
- PGM_PROGRAMS_CDC_FM_W
- PM_PROG_BO_CDC_CM_W
- PM_PROG_BO_CDC_FM_W
- PM_PROJECT_ROLLUP_CDC_CM_W
- PM_PROJECT_TYPES_CDC_CM_W
- PM_PROJECTS_CDC_CM_W
- PM_PROJECTS_CDC_FM_W
- PM_PROJECTS_CDC_PM_W
- PM_WORK_PLANS_CDC_CM_W
- PM_WORK_PLANS_CDC_PM_W
- PPPM_FIS_PERIODS_NLS_CDC_CM_W
- REQ\REQ_DETLS_CDC_CM_W
- REQ\REQ_DETLS_CDC_PM_W
- REQ\REQ_HDR_DETLS_CDC_CM_W
- REQ\REQ_HDR_DETLS_CDC_PM_W

- RSC_POSITION_FORECAST_CDC_RM_W
- RSC_POSITIONS_CDC_RM_W
- RSC_RES_ASSGN_CDC_RM_W
- RSC_RESOURCE_POOL_MGR_CDC_CM_W
- RSC_RESOURCE_POOLS_CDC_CM_W
- RSC_RESOURCE_POOLS_CDC_RM_W
- RSC_RESOURCES_CDC_CM_W
- RSC_RESOURCES_CDC_PM_W
- RSC_RESOURCES_CDC_RM_W
- RSC_ROLES_NLS_CDC_CM_W
- RSC_RPDE_CDC_CM_W
- RSC_RPDE_CDC_RM_W
- RSC_SPA_CDC_RM_W
- RSC_STAFFING_PROFILES_CDC_CM_W
- RSC_STAFFING_PROFILES_CDC_RM_W
- TM_ACTUALS_CDC_TM_W
- TM_ACTUALS_EFFORT_CDC_TM_W
- TM_LINE_CHARGE_CODES_CDC_TM_W
- TM_TIME_SHEET_LINES_CDC_CM_W
- TM_TIME_SHEET_LINES_CDC_TM_W
- TM_TIME_SHEETS_CDC_CM_W
- TM_TIME_SHEETS_CDC_TM_W
- WP_MILESTONES_CDC_PM_W

- WP_TASK_ACTUALS_CDC_CM_W
- WP_TASK_ACTUALS_CDC_PM_W
- WP_TASK_COSTS_CDC_PM_W
- WP_TASK_INFO_CDC_PM_W
- WP_TASK_INFO_CDC_TM_W
- WP_TASK_SCHEDULE_CDC_PM_W
- WP_TASKS_CDC_CM_W
- WP_TASKS_CDC_PM_W
- WP_TASKS_CDC_TM_W
- WP_USER_DATA_CDC_PM_W
- WP_WORK_UNITS_CDC_PM_W

4 Table Definitions

This chapter contains a detailed description of each table in the HP Project and Portfolio Management Center (PPM Center) schema. Every table definition provides a description of the table, a list of all foreign keys, indexes, and sequences for the table, as well as a description of each column in the table.

You can refer to this chapter to obtain a detailed understanding of the underlying structure of PPM Center.

FM_APPROVED_BUDGETS

This table stores approved budgets of financial summaries.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
FM_FINANCIAL_ SUMMARY	FINANCIAL_ SUMMARY_ID	FINANCIAL_ SUMMARY_ID
PPM_FISCAL_ PERIODS_NLS	FISCAL_ PERIOD_ID	FISCAL_PERIOD_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
APPROVED_ BUDGET_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_ DATE	NOT NULL	DATE	Date record was created
LAST_ UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
VERSION	NOT NULL	NUMBER	System-generated version, used for hibernate version control.
NAME	NOT NULL	VARCHAR2(200)	Name of the approved budget
LABOR_TYPE_ CODE	NULLABLE	VARCHAR2(40)	Not used. The labor type for which the budget is approved. Possible values are: LABOR/NON_LABOR
CATEGORY_ CODE	NULLABLE	VARCHAR2(40)	Not used. The category for which the budget is approved.

Column Name	Null?	Data Type	Description
EXPENSE_ TYPE_CODE	NOT NULL	VARCHAR2(40)	Expense type for which the budget is approved. Possible values are: CAPITAL, OPERATING
AMOUNT_LCL	NOT NULL	NUMBER	Amount of approved budget in local currency
AMOUNT_BSE	NOT NULL	NUMBER	Amount of approved budget in base currency
FISCAL_ PERIOD_ID	NULLABLE	NUMBER	Identifier of the fiscal period for which the budget is approved
APPROVAL_ DATE	NOT NULL	DATE	Date at which the budget is approved
APPROVED_BY	NOT NULL	NUMBER	Identifier of the person who approves the budget
NOTES	NULLABLE	VARCHAR2(1000)	Notes
FINANCIAL_ SUMMARY_ID	NULLABLE	NUMBER	Identifier of financial summary to which the approved budget belongs
SYNCH_ SOURCE_FLAG	NULLABLE	VARCHAR2(10)	If the approved budget is synchronized, describes the source. If the approved budget is not synchronized, the value is "N". For example, synch_source_flag could be "FSR" for Financial Summary Rollup.
SOURCE_FS_ID	NULLABLE	NUMBER	For synchronized approved budgets in program's financial summary, this column stores the source financial summary IDs from which the approved budgets are rolled up.

Indexes

Index Name	Index Type	Sequence	Column Name
FM_APPROVED_BUDGETS_PK	UNIQUE	1	APPROVED_BUDGET_ID

Sequences

Sequence Name	Sequence Type
FM_APPROVED_BUDGETS_S	APPROVED_BUDGET_ID

FM_BENEFIT_LINES

This table stores the individual lines of information per benefit type category over time. The benefit lines have a many-to-one relationship with benefits.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FM_BENEFITS	BENEFIT_ID	BENEFIT_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
FM_USER_DATA	USER_DATA_ID	USER_DATA_ID
WP_USER_DATA	USER_DATA_ID	USER_DATA_ID

Column Descriptions

Column Name	Null?	Data Type	Description
BENEFIT_LINE_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
VERSION	NOT NULL	NUMBER	Used for hibernate versioning
BENEFIT_ID	NULLABLE	NUMBER	ID of the benefit that this benefit line belongs to.
BENEFIT_TYPE_ CODE	NOT NULL	VARCHAR2(30)	Benefit type

Column Name	Null?	Data Type	Description
CATEGORY_CODE	NULLABLE	VARCHAR2(30)	Category associated with the type
USER_DATA_ID	NULLABLE	NUMBER	User data associated with this benefit line
SYNC_SOURCE_ FLAG	NULLABLE	VARCHAR2(10)	If the line is synchronized, describes the source. If the line is not a synchronized line, the value is "N". Listed in FSUtil.java, possible values are: "SP" - Staffing Profile, “P” - Project, “A” - Asset, “PR” - Proposal, “FSR” - Financial Summary Rollup.

Indexes

Index Name	Index Type	Sequence	Column Name
FM_BENEFIT_ LINES_PK	UNIQUE	1	BENEFIT_LINE_ID
FM_BL_BENEFIT_ ID_IDX	NONUNIQUE	1	BENEFIT_ID

Sequences

Sequence Name	Sequence Type
FM_BENEFIT_LINES_S	BENEFIT_LINE_ID

FM_BENEFIT_PERIOD_SUM

This table stores the period sum values for benefits.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FM_BENEFITS	BENEFIT_ID	BENEFIT_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
PPM_FISCAL_ PERIODS_NLS	FISCAL_PERIOD_ID	PERIOD_ID

Column Descriptions

Column Name	Null?	Data Type	Description
BENEFIT_PERIOD_ SUM_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
VERSION	NOT NULL	NUMBER	Hibernate versioning
ACTUAL_VALUE_BSE	NULLABLE	NUMBER	Base value of actual
ACTUAL_VALUE_LCL	NULLABLE	NUMBER	Local value of actual
BENEFIT_ID	NOT NULL	NUMBER	Benefit ID associated with this period sum
FISCAL_PERIOD_ID	NOT NULL	NUMBER	Fiscal period associated with this period sum
PLANNED_VALUE_ BSE	NULLABLE	NUMBER	Base planned value
PLANNED_VALUE_LCL	NULLABLE	NUMBER	Local planned value
PROJECTED_TOTAL	NULLABLE	NUMBER	Projected total
SEQ	NOT NULL	NUMBER	Order of the periods

Indexes

Index Name	Index Type	Sequence	Column Name
FK_FM_BPS_BENEFIT_I	NONUNIQUE	1	BENEFIT_ID
FK_FM_BPS_PERIOD_I	NONUNIQUE	1	FISCAL_PERIOD_ID
FK_FM_BPS_SEQ_I	NONUNIQUE	1	SEQ
SYS_C005201513	UNIQUE	1	BENEFIT_PERIOD_ SUM_ID

Sequences

Sequence Name	Sequence Type
FM_BENEFIT_PERIOD_SUM_S	BENEFIT_PERIOD_SUM_ID

FM_BENEFITS

This table stores benefit information.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
WP_USER_DATA	USER_DATA_ID	USER_DATA_ID
FM_USER_DATA	USER_DATA_ID	USER_DATA_ID
PPM_FISCAL_PERIODS_NLS	PERIOD_TYPE	VIEW_BY_PERIOD_TYPE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
BENEFIT_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
VERSION	NOT NULL	NUMBER	Hibernate version object
SHOW_ACTUALS_ FLAG	NOT NULL	VARCHAR2(1)	Flag to enable or disable showing of actuals
VIEW_BY_PERIOD_ TYPE_ID	NOT NULL	NUMBER	Fiscal period type to be viewed in
USER_DATA_ID	NULLABLE	NUMBER	ID of the user data associated with the benefit

Indexes

Index Name	Index Type	Sequence	Column Name
FM_BENEFITS_PK	UNIQUE	1	BENEFIT_ID

Sequences

Sequence Name	Sequence Type
FM_BENEFITS_S	BENEFIT_ID

FM_COST_CONTOUR_COMPONENTS

This table stores the daily breakdown of planned and actual costs. Cost contour attributes such as cost category and expense type are stored in the FM_COST_CONTOURS table.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	LAST_UPDATED_BY
FM_COST_CONTOURS	FM_COST_CONTOUR_ID	FM_COST_CONTOUR_ID
KNTA_USERS	USER_ID	CREATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
FM_COST_CONTOUR_COMPONENT_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
VERSION	NOT NULL	NUMBER	System-generated
ACTUAL_VALUE_BSE	NULLABLE	NUMBER	Actual cost in base currency
ACTUAL_VALUE_LCL	NULLABLE	NUMBER	Actual cost in local currency
PLAN_VALUE_BSE	NULLABLE	NUMBER	Planned costs in base currency
PLAN_VALUE_LCL	NULLABLE	NUMBER	Planned costs in local currency
FM_COST_CONTOUR_ID	NULLABLE	NUMBER	Cost contour to which this component belongs

Column Name	Null?	Data Type	Description
START_TIME	NOT NULL	DATE	Start time of day
FINISH_TIME	NOT NULL	DATE	Finish time of day
COMPONENT_SEQ	NULLABLE	NUMBER	Chronological sequence of components that belong to the same contour.

Indexes

Index Name	Index Type	Sequence	Column Name
FM_COST_ CONTOUR_ COMPONENT_PK	UNIQUE	1	FM_COST_CONTOUR_ COMPONENT_ID
FM_COST_ CONTOUR_ID_IDX	NONUNIQUE	1	FM_COST_CONTOUR_ID

Sequences

This table uses no sequences.

FM_COST_CONTOURS

This table stores information about cost contours (daily breakdown of costs) for work plans. The daily values are stored in the FM_COST_CONTOUR_COMPONENTS table.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	CREATED_BY
PM_WORK_PLANS	WORK_PLAN_ID	WORK_PLAN_ID

Column Descriptions

Column Name	Null?	Data Type	Description
FM_COST_CONTOUR_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
VERSION	NOT NULL	NUMBER	System-generated
LABOR_TYPE_CODE	NOT NULL	VARCHAR2(40)	Labor type (labor or non-labor)
CATEGORY_CODE	NOT NULL	VARCHAR2(40)	Cost category
EXPENSE_TYPE_CODE	NOT NULL	VARCHAR2(40)	Expense type (capital or operating)
WORK_PLAN_ID	NULLABLE	NUMBER	ID of the work plan

Indexes

Index Name	Index Type	Sequence	Column Name
FM_COST_CONTOUR_PK	UNIQUE	1	FM_COST_CONTOUR_ID

Sequences

This table uses no sequences.

FM_COST_FACTOR_VALS

This table stores values for different cost factors that are specified for each cost rule.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FM_COST_FACTORS	COST_FACTOR	COST_FACTOR
FM_COST_RULES	COST_RULE_ID	COST_RULE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
COST_RULE_ID	NOT NULL	NUMBER	Indicates the cost rule ID from FM_COST_RULES.
COST_FACTOR_ VALUE	NULLABLE	VARCHAR2(255)	Indicates the value for the cost factor indicated by the COST_FACTOR column
COST_FACTOR	NOT NULL	NUMBER	Indicates the cost factor from FM_COST_ FACTORS

Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C005201517	UNIQUE	1	COST_RULE_ID
SYS_C005201517	UNIQUE	2	COST_FACTOR

Sequences

This table uses no sequences.

FM_COST_FACTORS

This table stores cost factors that determine selection of most applicable cost rule while assigning costs to various units of work, such as the time spent working on a project task.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
COST_FACTOR_ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column must not be updated manually
COST_FACTOR	NOT NULL	NUMBER	Indicates one of the following cost factors as an integer: REGION=0; PROJECT=1; REQUEST_TYPE=2; PACKAGE_WORKFLOW=3; MISC_WORK_ITEMS=4; RESOURCE_TYPE=5; ROLE=6; DEPARTMENT=7; RESOURCE=8; ORG_UNIT=9
SORT_ORDER	NOT NULL	NUMBER	Determines the significance/ weight of each factor while trying to find the applicable rule. 0 is most significant.
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated

Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C005201516	UNIQUE	1	COST_FACTOR_ID

Sequences

Sequence Name	Sequence Type
FM_COST_ FACTORS_S	COST_FACTOR_ ID

FM_COST_RATE_RULE_UPDATES

This table stores changes made to cost rules or cost factors and the range of time that is potentially affected by the changes. The start and end dates of the time range may be null, which means the change is not limited to any time range. The Cost Rate Rule Update service reads these CostRuleUpdates and uses them to recalculate the costs of affected entities.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	LAST_UPDATED_BY
FM_COST_RULES	RULE_NUMBER	RULE_NUMBER
KNTA_USERS	USER_ID	CREATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
COST_RATE_ RULE_UPDATE_ ID	NOT NULL	NUMBER	System-generated identifier
EFFECTIVE_ END_DATE	NULLABLE	DATE	End of the range of time that is potentially affected by the change. May be null, which means the change is not limited to any time range in the future.
EFFECTIVE_ START_DATE	NULLABLE	DATE	Start of the range of time that is potentially affected by the change. May be null, which means the change is not limited to any time range.
REASON	NULLABLE	VARCHAR2(255)	Reason for the entry. Possible values are ruleChanged, rateChanged, ruleDeleted, ruleCreated, costFactorsChanged

Column Name	Null?	Data Type	Description
RULE_NUMBER	NULLABLE	NUMBER	Rule number of the cost rule (from FM_COST_RULES) which was affected (this not the same as cost rule id)
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated

Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C005201519	UNIQUE	1	COST_RATE_RULE_UPDATE_ID

Sequences

Sequence Name	Sequence Type
FM_COST_RATE_RULE_UPDATES_S	COST_RATE_RULE_UPDATE_ID

FM_COST_RATES

This table stores rates for each cost rule - the currency, the rate, the period in which the rate is in effect, and so on.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FM_COST_RULES	COST_RULE_ID	COST_RULE_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
COST_RATE_ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column must not be updated manually.
EFFECTIVE_START_DATE	NULLABLE	DATE	Effective start date for this rate.
EFFECTIVE_END_DATE	NULLABLE	DATE	Effective end date for this rate. Null implies the rate is applicable forever.
CURRENCY_CODE	NOT NULL	VARCHAR2(255)	Three-letter currency code to which this rate is applied
RATE	NOT NULL	NUMBER	Actual rate multiplied by 100 so that decimals are not used
CREATED_BY	NOT NULL	NUMBER	User who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record

Column Name	Null?	Data Type	Description
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
COST_RULE_ID	NULLABLE	NUMBER	Cost rule ID for which this rate is used
COST_RATE_SEQ	NULLABLE	NUMBER	Chronological sequence when multiple cost rates are used for the same cost rule. 0 indicates the rate with the most recent effective start/end dates

Indexes

Index Name	Index Type	Sequence	Column Name
FK9CD3EB194F9984D7_I	NONUNIQUE	1	COST_RULE_ID
SYS_C005201518	UNIQUE	1	COST_RATE_ID

Sequences

Sequence Name	Sequence Type
FM_COST_RATES_S	COST_RATE_ID

FM_COST_RULES

This table stores the cost rules used to assign costs to various units of work, such as the time spent working on a project task. The applicability of a cost rule to a given transaction is determined by its cost factors. A cost rule may have different rates for one or more independent time periods. Exactly one rule in the system is the default rule. The default rule may not be deleted and its set of cost factor values may not be altered.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
COST_RULE_ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column must not be updated manually.
RULE_NUMBER	NOT NULL	NUMBER	Indicates the rule number (this is not the same as COST_ RULE_ID)
IS_DEFAULT_ RULE_FLAG	NOT NULL	VARCHAR2(1)	Default rule. Exactly one rule in the system is the default rule. The default rule must not be deleted and its set of cost factor values must not be altered.
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated

Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C005200076	UNIQUE	1	RULE_NUMBER
SYS_C005201520	UNIQUE	1	COST_RULE_ID

Sequences

Sequence Name	Sequence Type
FM_COST_RULES_S	COST_RULE_ID

FM_CRR_QUEUE_ENTRIES

This table stores entities whose cost data must be recalculated as a result of cost rate rule changes. This queue is serviced by the CostRateRuleUpdate service.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_ENTITIES_NLS	ENTITY_ID	ENTITY_TYPE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
FM_CRR_QUEUE_ENTRY_ID	NOT NULL	NUMBER	System-generated identifier
ENTITY_TYPE_ID	NULLABLE	NUMBER	Indicates the entity type id
ENTITY_PRIMARY_KEY	NULLABLE	NUMBER	Indicate the primary key of the entity
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated

Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C005201521	UNIQUE	1	FM_CRR_QUEUE_ENTRY_ID

Sequences

Sequence Name	Sequence Type
FM_CRR_QUEUE_ENTRIES_S	FM_CRR_QUEUE_ENTRY_ID

FM_CUMULATIVE_COST_BY_WEEK

This table stores the sum by weekly period. The sums are calculated by the pending cost EV update service.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KDRV_COST_ METRICS_BY_PERIOD	COST_METRICS_BY_ PERIOD_ID	PARENT_ID
KNTA_USERS	USER_ID	CREATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
CUMULATIVE_ COST_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
VERSION	NULLABLE	NUMBER	System-generated version for the entity. This column must not be updated manually
FISCAL_ PERIOD_ID	NULLABLE	NUMBER	Identifier for Fiscal Period
PARENT_TYPE_ CODE	NULLABLE	VARCHAR2(30)	Parent type code. Possible values are CST_METRICS_ BY_PERIOD_COST and CST_ METRICS_BY_PERIOD_ BUDGET
PARENT_ID	NULLABLE	NUMBER	Identifier for the parent

Column Name	Null?	Data Type	Description
ACTUAL_ CAPEX_TOTAL_ BSE	NULLABLE	NUMBER	Total for the capitalized actuals in system base currency for the weekly period referenced by this row. This is across all labor and non-labor types.
ACTUAL_ CAPEX_TOTAL_ LCL	NULLABLE	NUMBER	Total for the capitalized actuals in financial summary local currency for the weekly period referenced by this row. This is across all labor and non-labor types.
ACTUAL_ LABOR_TOTAL_ BSE	NULLABLE	NUMBER	Total for the labor actuals in system base currency for the weekly period referenced by this row. This is across all expense types like capitalized or operational.
ACTUAL_ LABOR_TOTAL_ LCL	NULLABLE	NUMBER	Total for the labor actuals in financial summary local currency for the weekly period referenced by this row. This is across all expense types like capitalized or operational.
ACTUAL_ NONLABOR_ TOTAL_BSE	NULLABLE	NUMBER	Total for the non-labor actuals in system base currency for the weekly period referenced by this row. This is across all expense types like capitalized or operational.
ACTUAL_ NONLABOR_ TOTAL_LCL	NULLABLE	NUMBER	Total for the non-labor actuals in financial summary local currency for the weekly period referenced by this row. This is across all expense types like capitalized or operational.
ACTUAL_OPEX_ TOTAL_BSE	NULLABLE	NUMBER	Total for the operational actuals in system base currency for the weekly period referenced by this row. This is across all labor and non-labor types.

Column Name	Null?	Data Type	Description
ACTUAL_OPEX_TOTAL_LCL	NULLABLE	NUMBER	Total for the operational actuals in financial summary local currency for the weekly period referenced by this row. This is across all labor and non-labor types.
ACTUAL_TOTAL_BSE	NULLABLE	NUMBER	Total of all actual values in system base currency (versus forecast values) for the weekly period referenced by this row.
ACTUAL_TOTAL_LCL	NULLABLE	NUMBER	Total of all actual values in financial summary local currency (versus forecast values) for the weekly period referenced by this row.
ACTUAL_CAPEX_LABOR_LCL	NULLABLE	NUMBER	Total for the capitalized labor actuals in financial summary local currency for the weekly period.
ACTUAL_CAPEX_LABOR_BSE	NULLABLE	NUMBER	Total for the capitalized labor actuals in system base currency for the weekly period.
ACTUAL_OPEX_LABOR_LCL	NULLABLE	NUMBER	Total for the operational labor actuals in financial summary local currency for the weekly period.
ACTUAL_OPEX_LABOR_BSE	NULLABLE	NUMBER	Total for the operational labor actuals in system base currency for the weekly period.
ACTUAL_CAPEX_NONLABOR_LCL	NULLABLE	NUMBER	Total for the capitalized non-labor actuals in financial summary local currency for the weekly period.
ACTUAL_CAPEX_NONLABOR_BSE	NULLABLE	NUMBER	Total for the capitalized non-labor actuals in system base currency for the weekly period.
ACTUAL_OPEX_NONLABOR_LCL	NULLABLE	NUMBER	Total for the operational non-labor actuals in financial summary local currency for the weekly period.

Column Name	Null?	Data Type	Description
ACTUAL_OPEX_ NONLABOR_BSE	NULLABLE	NUMBER	Total for the operational non-labor actuals in system base currency for the weekly period.
PROJECTED_ TOTAL	NULLABLE	NUMBER	Overall projected total in system base currency for the weekly period. If the period ID is -1, then this is the projected total for the entire Financial Summary.
CAPEX_ PROJECTED_ TOTAL	NULLABLE	NUMBER	Projected total for the capitalized costs (actuals and forecasted) in system base currency for the weekly period referenced by this row.
OPEX_ PROJECTED_ TOTAL	NULLABLE	NUMBER	Projected total for the operational costs (actuals and forecasted) in system base currency for the weekly period referenced by this row.
PLAN_CAPEX_ TOTAL_BSE	NULLABLE	NUMBER	Total for the capitalized planned values in system base currency for the weekly period referenced by this row. This is across all labor and non-labor types.
PLAN_CAPEX_ TOTAL_LCL	NULLABLE	NUMBER	Total for the capitalized planned values in financial summary local currency for the weekly period referenced by this row. This is across all labor and non-labor types.
PLAN_LABOR_ TOTAL_BSE	NULLABLE	NUMBER	Total for the labor planned values in system base currency for the weekly period referenced by this row. This is across all expense types like capitalized or operational.

Column Name	Null?	Data Type	Description
PLAN_LABOR_ TOTAL_LCL	NULLABLE	NUMBER	Total for the labor planned values in financial summary local currency for the weekly period referenced by this row. This is across all expense types like capitalized or operational.
PLAN_ NONLABOR_ TOTAL_BSE	NULLABLE	NUMBER	Total for the non-labor planned values in system base currency for the weekly period referenced by this row. This is across all expense types like capitalized or operational.
PLAN_ NONLABOR_ TOTAL_LCL	NULLABLE	NUMBER	Total for the non-labor planned values in financial summary local currency for the weekly period referenced by this row. This is across all expense types like capitalized or operational.
PLAN_OPEX_ TOTAL_BSE	NULLABLE	NUMBER	Total for the operational planned values in system base currency for the weekly period referenced by this row. This is across all labor and non-labor types.
PLAN_OPEX_ TOTAL_LCL	NULLABLE	NUMBER	Total for the operational planned values in financial summary local currency for the weekly period referenced by this row. This is across all labor and non-labor types.
PLAN_TOTAL_ BSE	NULLABLE	NUMBER	Total of all planned values in system base currency (versus forecast values) for the weekly period referenced by this row.
PLAN_TOTAL_ LCL	NULLABLE	NUMBER	Total of all planned values in financial summary local currency (versus forecast values) for the weekly period referenced by this row.

Column Name	Null?	Data Type	Description
PLAN_CAPEX_ LABOR_LCL	NULLABLE	NUMBER	Total for the capitalized labor planned values in financial summary local currency for the weekly period.
PLAN_CAPEX_ LABOR_BSE	NULLABLE	NUMBER	Total for the capitalized labor planned values in system base currency for the weekly period.
PLAN_OPEX_ LABOR_LCL	NULLABLE	NUMBER	Total for the operational labor planned values in financial summary local currency for the weekly period.
PLAN_OPEX_ LABOR_BSE	NULLABLE	NUMBER	Total for the operational labor planned values in system base currency for the weekly period.
PLAN_CAPEX_ NONLABOR_LCL	NULLABLE	NUMBER	Total for the capitalized non-labor planned values in financial summary local currency for the weekly period.
PLAN_CAPEX_ NONLABOR_BSE	NULLABLE	NUMBER	Total for the capitalized non-labor planned values in system base currency for the weekly period.
PLAN_OPEX_ NONLABOR_LCL	NULLABLE	NUMBER	Total for the operational non-labor planned values in financial summary local currency for the weekly period.
PLAN_OPEX_ NONLABOR_BSE	NULLABLE	NUMBER	Total for the operational non-labor planned values in system base currency for the weekly period.

Indexes

Index Name	Index Type	Sequence	Column Name
FM_CUMULATIVE_ COST_BY_WEEK_U1	NONUNIQUE	1	PARENT_TYPE_ CODE
FM_CUMULATIVE_ COST_BY_WEEK_U1	NONUNIQUE	2	PARENT_ID
SYS_C005201522	UNIQUE	1	CUMULATIVE_ COST_ID

Sequences

Sequence Name	Sequence Type
FM_CUMULATIVE_ COST_BY_WEEK_S	CUMULATIVE_COST_ID

FM_EXCHANGE_RATES

This table stores the references to currency exchange rates defined in PPM Center. The actual exchange rates are stored in the ITG_COMPONENTS table.

You can use the following query to retrieve the exchange rates for currencies:

```
select r.CURRENCY_CODE, c.START_TIME, c.FINISH_TIME,
c.EXCHANGE_RATE/100000000

from FM_EXCHANGE_RATES r, ITG_COMPONENTS c
```

where `r.RATE_CALENDAR_ID = c.CALENDAR_ID`

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
ITG_CALENDAR	CALENDAR_ID	RATE_CALENDAR_ID

Column Descriptions

Column Name	Null?	Data Type	Description
EXCHANGE_ RATE_ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column must not be updated manually
CURRENCY_ CODE	NULLABLE	VARCHAR2(255)	Three-letter currency code (for example, USD)
RATE_ CALENDAR_ID	NULLABLE	NUMBER	A CALENDAR_ID in the ITG_CALENDAR table
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record

Column Name	Null?	Data Type	Description
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated

Indexes

Index Name	Index Type	Sequence	Column Name
FK7FF834EF2B5220DF_I	NONUNIQUE	1	RATE_CALENDAR_ID
SYS_C005201523	UNIQUE	1	EXCHANGE_RATE_ID

Sequences

Sequence Name	Sequence Type
FM_EXCHANGE_RATES_S	EXCHANGE_RATE_ID

FM_FINANCIAL_LINE_CELLS

This table stores financial line cells.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	LAST_UPDATED_BY
PPM_FISCAL_ PERIODS_NLS	FISCAL_PERIOD_ID	PERIOD_ID
KNTA_USERS	USER_ID	CREATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
FINANCIAL_ LINE_CELL_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
VERSION	NOT NULL	NUMBER	System-generated version, used for hibernate version control
ACTUAL_VALUE_ BSE	NULLABLE	NUMBER	Actual value in base currency
ACTUAL_VALUE_ LCL	NULLABLE	NUMBER	Actual value in local currency
PLAN_VALUE_ BSE	NULLABLE	NUMBER	Planned value in base currency
PLAN_VALUE_ LCL	NULLABLE	NUMBER	Planned value in local currency

Column Name	Null?	Data Type	Description
PARENT_TYPE_CODE	NOT NULL	VARCHAR2(30)	Parent type code. Possible values are FORECAST, BENEFIT and SUPPLY_BUDGET.
PARENT_ID	NULLABLE	NUMBER	Identifier of parent. Based on parent type, this column could be FORECAST_ACTUAL_ID in FM_FORECAST_ACTUALS, BENEFIT_ID in FM_BENEFITS or SUPPLY_BUDGET_ID in FM_SUPPLY_BUDGETS
FISCAL_PERIOD_ID	NOT NULL	NUMBER	Identifier for fiscal period

Indexes

Index Name	Index Type	Sequence	Column Name
FM_FINANCIAL_LINE_CELL_PK	UNIQUE	1	FINANCIAL_LINE_CELL_ID
FM_FLC_CELL_PARENT_ID_TYPE_IDX	NONUNIQUE	1	PARENT_TYPE_CODE
FM_FLC_CELL_PARENT_ID_TYPE_IDX	NONUNIQUE	2	PARENT_ID

Sequences

Sequence Name	Sequence Type
FM_FINANCIAL_LINE_CELLS_S	FINANCIAL_LINE_CELL_ID

FM_FINANCIAL_SUMMARY

This table stores HP Portfolio Management financial summaries, financial data components, and their snapshots.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FM_FINANCIAL_ SUMMARY	FINANCIAL_SUMMARY_ ID	ACTIVE_FS_ID
FM_BENEFITS	BENEFIT_ID	BENEFIT_ID
KNTA_USERS	USER_ID	CREATED_BY
FM_FORECAST_ ACTUALS	FORECAST_ACTUAL_ID	FORECAST_ACTUAL_ID
ITG_SECURABLE_ ENTITIES	SECURABLE_ENTITY_ID	FS_ACL_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
FINANCIAL_ SUMMARY_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_ DATE	NOT NULL	DATE	Date record was created
LAST_ UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
VERSION	NOT NULL	NUMBER	System-generated version, used for hibernate version control

Column Name	Null?	Data Type	Description
PARENT_ID	NOT NULL	NUMBER	Identifier for the parent of the financial summary. Based on PARENT_ENTITY_ID, the PARENT_ID could be LIFECYCLE_ID in PFM_ LIFECYCLE_PARENT_ ENTITY, ORG_UNIT_ID in KRSC_ORG_UNITS_NLS, PROGRAM_ID in PGM_ PROGRAMS or REQUEST_ ID in KCRT_REQUESTS
PARENT_ ENTITY_ID	NOT NULL	NUMBER	Identifier for the parent entity of the financial summary. For example, 526 is for lifecycle entity; 313 is for org unit; 67 is for program; 20 is for request.
NAME	NOT NULL	VARCHAR2(1300)	Name of the financial summary
DESCRIPTION	NULLABLE	VARCHAR2(1300)	Description of the financial summary
CURRENCY_ CODE	NOT NULL	VARCHAR2(40)	Currency code that indicates the local currency used for the financial summary.
FORECAST_ ACTUAL_ID	NOT NULL	NUMBER	Identifier for associated forecast actual
BENEFIT_ID	NOT NULL	NUMBER	Identifier for associated benefit
PLAN_OF_ RECORD_FLAG	NULLABLE	VARCHAR2(1)	Flag that indicates if the financial summary snapshot is a plan of record
ACTIVE_FS_ID	NULLABLE	NUMBER	Used for snapshots only. Stores the identifier of the financial summary from which the snapshot is taken.

Column Name	Null?	Data Type	Description
SNAPSHOT_ SEQ	NULLABLE	NUMBER	Used for snapshots only. Determines the order of the snapshots.
ENTITY_TYPE	NULLABLE	VARCHAR2(255)	Indicates whether the entry is FS or SNAPSHOT
FS_ACL_ID	NULLABLE	NUMBER	Identifier for financial summary AC

Indexes

Index Name	Index Type	Sequence	Column Name
FM_FINANCIAL_ SUMMARY_PK	UNIQUE	1	FINANCIAL_SUMMARY_ID
FM_FINANCIAL_SUM_ PARENT_IDX	NONUNIQUE	1	PARENT_ENTITY_ID
FM_FINANCIAL_SUM_ PARENT_IDX	NONUNIQUE	2	PARENT_ID

Sequences

Sequence Name	Sequence Type
FM_FINANCIAL_ SUMMARY_S	FINANCIAL_SUMMARY_ID

FM_FORECAST_ACTUAL_LINES

This table stores and references all data related to forecast actual lines for a given forecast actual.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FM_FORECAST_ ACTUALS	FORECAST_ACTUAL_ID	FORECAST_ACTUAL_ID
KNTA_LOOKUPS_NLS	LOOKUP_CODE	LABOR_TYPE_CODE
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
FM_USER_DATA	USER_DATA_ID	USER_DATA_ID

Column Descriptions

Column Name	Null?	Data Type	Description
FORECAST_ ACTUAL_LINE_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
VERSION	NOT NULL	NUMBER	System generated unique version number. Do not update manually.
LABOR_TYPE_ CODE	NOT NULL	VARCHAR2(30)	Code for the labor type of the line. Values: LABOR, NON_ LABOR. Referred to from the knta_lookups table.
CATEGORY_ CODE	NOT NULL	VARCHAR2(30)	Code for the category of the line. For example, EMPLOYEE, CONTRACTOR, TRAINING, HARDWARE. Referred to from the knta_lookups table.

Column Name	Null?	Data Type	Description
EXPENSE_ TYPE_CODE	NULLABL E	VARCHAR2(30)	Expense type for the line. In case the financial summary is not capitalized, the lines for the forecast actual are all defaulted to operational type. Values: `CAPITAL`, `OPERATING`
FORECAST_ ACTUAL_ID	NULLABL E	NUMBER	ID of forecast actual that the line belongs to
SYNC_SOURCE_ FLAG	NULLABL E	VARCHAR2(10)	If the line is synchronized, describes the source. If the line is not a synchronized line, the value is "N". Listed in FSUtil.java, possible values are: "SP" - Staffing Profile, “P” - Project, “A” - Asset, “PR” - Proposal, “FSR” - Financial Summary Rollup.
USER_DATA_ID	NULLABL E	NUMBER	ID that refers to the User Data for the line, if any. Foreign key reference to FM_USER_DATA.

Indexes

Index Name	Index Type	Sequence	Column Name
FM_FAL_FORECAST_ ID_IDX	NONUNIQUE	1	FORECAST_ ACTUAL_ID
FM_FORECAST_ ACTUAL_LINES_PK	UNIQUE	1	FORECAST_ ACTUAL_LINE_ID

Sequences

Sequence Name	Sequence Type
FM_FORECAST_ACTUAL_LINES_S	FORECAST_ACTUAL_LINE_ID

FM_FORECAST_ACTUAL_PERIOD_SUM

This table stores the sum by monthly period, projected totals and breakdowns by category for each forecast actual. The sums are calculated both synchronously on forecast actual save and by the cost rollup service. In addition, recalculation may be triggered by web services.

The user always edits forecast actual values in financial summary local currency and the conversions with exchange rate applications are done on the fly. All values are stored here for faster retrieval. Values are used by other modules such as cost-based portlets. If the financial summary does not track capitalized costs, all values are considered operational by default. The period of -1 for a forecast actual is used to indicate the grand totals of all the other values. That is also the final projected total for the entity.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
FM_FORECAST_ACTUALS	FORECAST_ACTUAL_ID	FORECAST_ ACTUAL_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
PPM_FISCAL_PERIODS_NLS	FISCAL_PERIOD_ID	PERIOD_ID

Column Descriptions

Column Name	Null?	Data Type	Description
FORECAST_ ACTUAL_ PERIOD_SUM_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated

Column Name	Null?	Data Type	Description
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column must not be updated manually.
ACTUAL_ CAPEX_TOTAL_ BSE	NULLABLE	NUMBER	Total for the capitalized actuals in system base currency for the monthly period referenced by this row. This is across all labor and non-labor types.
ACTUAL_ CAPEX_TOTAL_ LCL	NULLABLE	NUMBER	Total for the capitalized actuals in financial summary local currency for the monthly period referenced by this row. This is across all labor and non-labor types.
ACTUAL_ LABOR_TOTAL_ BSE	NULLABLE	NUMBER	Total for the labor actuals in system base currency for the monthly period referenced by this row. This is across all expense types like capitalized or operational.
ACTUAL_ LABOR_TOTAL_ LCL	NULLABLE	NUMBER	Total for the labor actuals in financial summary local currency for the monthly period referenced by this row. This is across all expense types like capitalized or operational.
ACTUAL_ NONLABOR_ TOTAL_BSE	NULLABLE	NUMBER	Total for the non-labor actuals in system base currency for the monthly period referenced by this row. This is across all expense types like capitalized or operational.
ACTUAL_ NONLABOR_ TOTAL_LCL	NULLABLE	NUMBER	Total for the non-labor actuals in financial summary local currency for the monthly period referenced by this row. This is across all expense types like capitalized or operational.

Column Name	Null?	Data Type	Description
ACTUAL_OPEX_TOTAL_BSE	NULLABLE	NUMBER	Total for the operational actuals in system base currency for the monthly period referenced by this row. This is across all labor and non-labor types.
ACTUAL_OPEX_TOTAL_LCL	NULLABLE	NUMBER	Total for the operational actuals in financial summary local currency for the monthly period referenced by this row. This is across all labor and non-labor types.
ACTUAL_TOTAL_BSE	NULLABLE	NUMBER	Total of all actual values in system base currency (versus forecast values) for the monthly period referenced by this row.
ACTUAL_TOTAL_LCL	NULLABLE	NUMBER	Total of all actual values in financial summary local currency (versus forecast values) for the monthly period referenced by this row.
CAPEX_PROJECTED_TOTAL	NULLABLE	NUMBER	Projected total for the capitalized costs (actuals and forecasted) in system base currency for the monthly period referenced by this row.
FORECAST_ACTUAL_ID	NOT NULL	NUMBER	Forecast actual that this period sum is for. Referenced by the FM_FORECAST_ACTUALS table.
OPEX_PROJECTED_TOTAL	NULLABLE	NUMBER	Projected total for the operational costs (actuals and forecasted) in system base currency for the monthly period referenced by this row.
FISCAL_PERIOD_ID	NOT NULL	NUMBER	Period that this row refers to. Referenced by PPM_FISCAL_PERIODS
PLAN_CAPEX_TOTAL_BSE	NULLABLE	NUMBER	Total for the capitalized planned values in system base currency for the monthly period referenced by this row. This is across all labor and non-labor types.

Column Name	Null?	Data Type	Description
PLAN_CAPEX_ TOTAL_LCL	NULLABLE	NUMBER	Total for the capitalized planned values in financial summary local currency for the monthly period referenced by this row. This is across all labor and non-labor types.
PLAN_LABOR_ TOTAL_BSE	NULLABLE	NUMBER	Total for the labor planned values in system base currency for the monthly period referenced by this row. This is across all expense types like capitalized or operational.
PLAN_LABOR_ TOTAL_LCL	NULLABLE	NUMBER	Total for the labor planned values in financial summary local currency for the monthly period referenced by this row. This is across all expense types like capitalized or operational.
PLAN_ NONLABOR_ TOTAL_BSE	NULLABLE	NUMBER	Total for the non-labor planned values in system base currency for the monthly period referenced by this row. This is across all expense types like capitalized or operational.
PLAN_ NONLABOR_ TOTAL_LCL	NULLABLE	NUMBER	Total for the non-labor planned values in financial summary local currency for the monthly period referenced by this row. This is across all expense types like capitalized or operational.
PLAN_OPEX_ TOTAL_BSE	NULLABLE	NUMBER	Total for the operational planned values in system base currency for the monthly period referenced by this row. This is across all labor and non-labor types.
PLAN_OPEX_ TOTAL_LCL	NULLABLE	NUMBER	Total for the operational planned values in financial summary local currency for the monthly period referenced by this row. This is across all labor and non-labor types.

Column Name	Null?	Data Type	Description
PLAN_TOTAL_BSE	NULLABLE	NUMBER	Total of all planned values in system base currency (versus forecast values) for the monthly period referenced by this row.
PLAN_TOTAL_LCL	NULLABLE	NUMBER	Total of all planned values in financial summary local currency (versus forecast values) for the monthly period referenced by this row.
PROJECTED_TOTAL	NULLABLE	NUMBER	Overall projected total in system base currency for the monthly period. If the period ID is -1, then this is the projected total for the entire Financial Summary.
SEQ	NOT NULL	NUMBER	Period sequence, tied to the sequence in PPM_FISCAL_PERIODS.
PLAN_CAPEX_LABOR_LCL	NULLABLE	NUMBER	Total for the capitalized labor planned values in financial summary local currency for the monthly period.
PLAN_CAPEX_LABOR_BSE	NULLABLE	NUMBER	Total for the capitalized labor planned values in system base currency for the monthly period.
PLAN_OPEX_LABOR_LCL	NULLABLE	NUMBER	Total for the operational labor planned values in financial summary local currency for the monthly period.
PLAN_OPEX_LABOR_BSE	NULLABLE	NUMBER	Total for the operational labor planned values in system base currency for the monthly period.
PLAN_CAPEX_NONLABOR_LCL	NULLABLE	NUMBER	Total for the capitalized non-labor planned values in financial summary local currency for the monthly period.
PLAN_CAPEX_NONLABOR_BSE	NULLABLE	NUMBER	Total for the capitalized non-labor planned values in system base currency for the monthly period.

Column Name	Null?	Data Type	Description
PLAN_OPEX_ NONLABOR_LCL	NULLABLE	NUMBER	Total for the operational non-labor planned values in financial summary local currency for the monthly period.
PLAN_OPEX_ NONLABOR_BSE	NULLABLE	NUMBER	Total for the operational non-labor planned values in system base currency for the monthly period.
ACTUAL_ CAPEX_LABOR_ LCL	NULLABLE	NUMBER	Total for the capitalized labor actuals in financial summary local currency for the monthly period.
ACTUAL_ CAPEX_LABOR_ BSE	NULLABLE	NUMBER	Total for the capitalized labor actuals in system base currency for the monthly period.
ACTUAL_OPEX_ LABOR_LCL	NULLABLE	NUMBER	Total for the operational labor actuals in financial summary local currency for the monthly period.
ACTUAL_OPEX_ LABOR_BSE	NULLABLE	NUMBER	Total for the operational labor actuals in system base currency for the monthly period.
ACTUAL_ CAPEX_ NONLABOR_LCL	NULLABLE	NUMBER	Total for the capitalized non-labor actuals in financial summary local currency for the monthly period.
ACTUAL_ CAPEX_ NONLABOR_BSE	NULLABLE	NUMBER	Total for the capitalized non-labor actuals in system base currency for the monthly period.
ACTUAL_OPEX_ NONLABOR_LCL	NULLABLE	NUMBER	Total for the operational non-labor actuals in financial summary local currency for the monthly period.
ACTUAL_OPEX_ NONLABOR_BSE	NULLABLE	NUMBER	Total for the operational non-labor actuals in system base currency for the monthly period.

Indexes

Index Name	Index Type	Sequence	Column Name
FK_FM_FAPS_ FORECAST_ACTUAL_I	NONUNIQUE	1	FORECAST_ ACTUAL_ID
FK_FM_FAPS_ PERIOD_I	NONUNIQUE	1	FISCAL_PERIOD_ID
FK_FM_FAPS_SEQ_I	NONUNIQUE	1	SEQ
SYS_C005201528	UNIQUE	1	FORECAST_ ACTUAL_PERIOD_ SUM_ID

Sequences

Sequence Name	Sequence Type
FM_FA_PERIOD_SUM_S	FORECAST_ACTUAL_PERIOD_ SUM_ID

FM_FORECAST_ACTUALS

The table stores the data for the forecast actuals linked to a financial summary.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
FM_USER_DATA	USER_DATA_ID	USER_DATA_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
FORECAST_ ACTUAL_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column must not be updated manually.
SHOW_ ACTUALS_FLAG	NOT NULL	VARCHAR2(1)	Used for UI to show actuals when the screen loads. In PPM Center 8.00, used for the default state. After first load, settings are stored elsewhere. This is ported over from PPM Center 7.5

Column Name	Null?	Data Type	Description
VIEW_BY_ PERIOD_TYPE_ ID	NOT NULL	NUMBER	Used for UI to show the data by period type (month, quarter) when the screen loads up. In PPM Center 8.00, used for the default state. After first load, settings are stored elsewhere. This is ported over from PPM Center 7.5. YEAR(6, 1, "Y"), HALF_YEAR(7, 2, "HY"), QUARTER(5, 3, "Q"), MONTH(4, 4, "M"), WEEK(8, 5, "W"); in FiscalPeriodType.
ACTUAL_ROLL_ UP_CODE	NOT NULL	VARCHAR2(30)	Indicates whether the actuals for the entity are entered manually by the user or are rolled up and so cannot be modified directly by the user.
CAPEX_OPEX_ ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether the costs and actuals are tracked by capitalization. The setting is "Financial Summary tracks capitalized costs".
USER_DATA_ID	NULLABLE	NUMBER	References any user data at the Forecast Actual level, if any. Referenced by FM_ USER_DATA

Indexes

Index Name	Index Type	Sequence	Column Name
FM_FORECAST_ ACTUALS_PK	UNIQUE	1	FORECAST_ ACTUAL_ID

Sequences

Sequence Name	Sequence Type
FM_FORECAST_ ACTUALS_S	FORECAST_ ACTUAL_ID

FM_SUPPLY_BUDGETS

This table stores and references data (from FM_FINANCIAL_LINE_CELLS) for supply budgets in a financial summary.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
SUPPLY_BUDGET_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column must not be updated manually.

Indexes

Index Name	Index Type	Sequence	Column Name
FM_SUPPLY_ BUDGETS_PK	UNIQUE	1	SUPPLY_BUDGET_ID

Sequences

Sequence Name	Sequence Type
FM_SUPPLY_BUDGETS_S	SUPPLY_BUDGET_ID

FM_USER_DATA

This table stores user data at forecast actual level, forecast actual line level, benefit level, and benefit line level.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	CREATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
USER_DATA_ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column must not be updated manually.
DATUM1_VISIBLE	NULLABLE	VARCHAR2(255)	User data visible value
DATUM1_CODE	NULLABLE	VARCHAR2(255)	User data hidden value
DATUM10_VISIBLE	NULLABLE	VARCHAR2(255)	User data visible value
DATUM10_CODE	NULLABLE	VARCHAR2(255)	User data hidden value
DATUM11_VISIBLE	NULLABLE	VARCHAR2(255)	User data visible value
DATUM11_CODE	NULLABLE	VARCHAR2(255)	User data hidden value
DATUM12_VISIBLE	NULLABLE	VARCHAR2(255)	User data visible value
DATUM12_CODE	NULLABLE	VARCHAR2(255)	User data hidden value
DATUM13_VISIBLE	NULLABLE	VARCHAR2(255)	User data visible value
DATUM13_CODE	NULLABLE	VARCHAR2(255)	User data hidden value
DATUM14_VISIBLE	NULLABLE	VARCHAR2(255)	User data visible value
DATUM14_CODE	NULLABLE	VARCHAR2(255)	User data hidden value
DATUM15_VISIBLE	NULLABLE	VARCHAR2(255)	User data visible value
DATUM15_CODE	NULLABLE	VARCHAR2(255)	User data hidden value
DATUM16_VISIBLE	NULLABLE	VARCHAR2(255)	User data visible value
DATUM16_CODE	NULLABLE	VARCHAR2(255)	User data hidden value
DATUM17_VISIBLE	NULLABLE	VARCHAR2(255)	User data visible value

Column Name	Null?	Data Type	Description
DATUM17_CODE	NULLABLE	VARCHAR2(255)	User data hidden value
DATUM18_VISIBLE	NULLABLE	VARCHAR2(255)	User data visible value
DATUM18_CODE	NULLABLE	VARCHAR2(255)	User data hidden value
DATUM19_VISIBLE	NULLABLE	VARCHAR2(255)	User data visible value
DATUM19_CODE	NULLABLE	VARCHAR2(255)	User data hidden value
DATUM2_VISIBLE	NULLABLE	VARCHAR2(255)	User data visible value
DATUM2_CODE	NULLABLE	VARCHAR2(255)	User data hidden value
DATUM20_VISIBLE	NULLABLE	VARCHAR2(255)	User data visible value
DATUM20_CODE	NULLABLE	VARCHAR2(255)	User data hidden value
DATUM3_VISIBLE	NULLABLE	VARCHAR2(255)	User data visible value
DATUM3_CODE	NULLABLE	VARCHAR2(255)	User data hidden value
DATUM4_VISIBLE	NULLABLE	VARCHAR2(255)	User data visible value
DATUM4_CODE	NULLABLE	VARCHAR2(255)	User data hidden value
DATUM5_VISIBLE	NULLABLE	VARCHAR2(255)	User data visible value
DATUM5_CODE	NULLABLE	VARCHAR2(255)	User data hidden value
DATUM6_VISIBLE	NULLABLE	VARCHAR2(255)	User data visible value
DATUM6_CODE	NULLABLE	VARCHAR2(255)	User data hidden value
DATUM7_VISIBLE	NULLABLE	VARCHAR2(255)	User data visible value
DATUM7_CODE	NULLABLE	VARCHAR2(255)	User data hidden value
DATUM8_VISIBLE	NULLABLE	VARCHAR2(255)	User data visible value
DATUM8_CODE	NULLABLE	VARCHAR2(255)	User data hidden value
DATUM9_VISIBLE	NULLABLE	VARCHAR2(255)	User data visible value
DATUM9_CODE	NULLABLE	VARCHAR2(255)	User data hidden value
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated

Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C005201530	UNIQUE	1	USER_DATA_ID

Sequences

Sequence Name	Sequence Type
FM_USER_DATA_S	USER_DATA_ID

ITG_ACCESS_CONTROL_ENTRIES

This table stores the access control lists associated with securable entities.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_SECURITY_ GROUPS_NLS	SECURITY_GROUP_ID	SECURITY_GROUP_ID
KNTA_USERS	USER_ID	USER_ID

Column Descriptions

Column Name	Null?	Data Type	Description
ACCESS_ CONTROL_ ENTRY_ID	NOT NULL	NUMBER	Specifies the securable entity with which the specified security privileges are associated. Must match a SECURABLE_ENTITY_ID in ITG_SECURABLE_ ENTITIES.
PRIVILEGE_ VALUES	NULLABLE	VARCHAR2(255)	Indicates the security privileges that are granted to the specified user or security group.
USER_ID	NULLABLE	NUMBER	Indicates the user to which the specified security privileges are granted. Must match a USER_ID in KNTA_ USERS.
SECURITY_ GROUP_ID	NULLABLE	NUMBER	Indicates the security group to which the specified security privileges are granted. Must match a SECURITY_GROUP_ID in KNTA_SECURITY_ GROUPS

Column Name	Null?	Data Type	Description
IS_MANAGER_FLAG	NULLABLE	VARCHAR2(1)	Indicates whether the specified user is a manager of the entity with which this access control entry is associated
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated

Indexes

Index Name	Index Type	Sequence	Column Name
FKFFB8FDD6C55496FA_I	NONUNIQUE	1	USER_ID
FKFFB8FDD6FE01C679_I	NONUNIQUE	1	SECURITY_GROUP_ID
SYS_C005201531	UNIQUE	1	ACCESS_CONTROL_ENTRY_ID

Sequences

Sequence Name	Sequence Type
ITG_ACCESS_CONTROL_ENTRIES_S	ACCESS_CONTROL_ENTRY_ID

ITG_ACTIVITIES

This table stores the definitions for activities.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	CREATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
ACTIVITY_ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column must not be updated manually
ACTIVITY_NAME	NOT NULL	VARCHAR2(255)	Defines the name given to this activity
DESCRIPTION	NULLABLE	VARCHAR2(650)	Describes the activity.
ENABLED_FLAG	NULLABLE	VARCHAR2(1)	Indicates whether the activity is enabled
CATEGORY_ CODE	NULLABLE	VARCHAR2(255)	SOP 98-1 Category for the activity
CAPEX_OPEX_ ENABLED_FLAG	NULLABLE	VARCHAR2(1)	Indicates whether the activity can be capitalized. Y indicates that the activity can be capitalized.
IS_USED_FOR_ REQUEST	NULLABLE	VARCHAR2(1)	Indicates whether the activity can be used for requests
IS_USED_FOR_ ASSET	NULLABLE	VARCHAR2(1)	Indicates whether the activity can be used for assets
IS_USED_FOR_ PACKAGE	NULLABLE	VARCHAR2(1)	Indicates whether the activity can be used for packages

Column Name	Null?	Data Type	Description
IS_USED_FOR_PROJECT	NULLABLE	VARCHAR2(4)	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update
IS_USED_FOR_TASK	NULLABLE	VARCHAR2(4)	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update
IS_USED_FOR_MISC	NULLABLE	VARCHAR2(1)	Indicates whether the activity can be used for miscellaneous items.
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
DEFINITION_LANGUAGE	NOT NULL	VARCHAR2(40)	Default definition language

Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C005200169	UNIQUE	1	ACTIVITY_NAME
SYS_C005201533	UNIQUE	1	ACTIVITY_ID

Sequences

Sequence Name	Sequence Type
ITG_ACTIVITIES_S	ACTIVITY_ID

ITG_AUDIT_EVENTS

This table stores audit information for events associated with PPM Center entities.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	USER_ID

Column Descriptions

Column Name	Null?	Data Type	Description
AUDIT_EVENT_ID	NOT NULL	NUMBER	System-generated identifier
EVENT_TYPE_CODE	NULLABLE	NUMBER	Identifies type of the audit event: CREATE = 1;ISSUE_PRIORITY = 2;DELETE = 3;FIELD_CHANGE = 4;MESSAGE = 5;AUDIT_ADD_PREDECESSOR = 6;AUDIT_REMOVE_PREDECESSOR = 7;RESOURCE_MESSAGE = 8;WORKPLAN_TEMPLATE = 9;SCHEDULE_WORKPLAN = 10;
USER_ID	NULLABLE	NUMBER	Identifies user who caused the audit to trigger. FK to KNTA_USERS
EVENT_DATE	NULLABLE	DATE	Indicates date on which this event occurred
MESSAGE	NULLABLE	VARCHAR2(4000)	Provides message for this audit event
NEW_VALUE	NULLABLE	VARCHAR2(4000)	Provides new value set on the entity
OLD_VALUE	NULLABLE	VARCHAR2(4000)	Provides old value for the entity

Column Name	Null?	Data Type	Description
FIELD_ID	NULLABLE	VARCHAR2(100)	ID of the field which was changed
CONTAINER0_TYPE	NULLABLE	NUMBER	Type of the container entity
CONTAINER0_ID	NULLABLE	NUMBER	ID of the container entity
CONTAINER0_NAME	NULLABLE	VARCHAR2(650)	Name of the container entity
CONTAINER1_TYPE	NULLABLE	NUMBER	Type of the container entity
CONTAINER1_ID	NULLABLE	NUMBER	ID of the container entity
CONTAINER1_NAME	NULLABLE	VARCHAR2(650)	Name of the container entity
CONTAINER2_TYPE	NULLABLE	NUMBER	Type of the container entity
CONTAINER2_ID	NULLABLE	NUMBER	ID of the container entity
CONTAINER2_NAME	NULLABLE	VARCHAR2(650)	Name of the container entity
ENTITY_TYPE	NULLABLE	NUMBER	Type of the entity
ENTITY_ID	NULLABLE	NUMBER	ID of the entity
ENTITY_NAME	NULLABLE	VARCHAR2(650)	Name of the entity
RELATED_ENTITY_TYPE	NULLABLE	NUMBER	Type of the related entity
RELATED_ENTITY_ID	NULLABLE	NUMBER	ID of the related entity
RELATED_ENTITY_NAME	NULLABLE	VARCHAR2(650)	Name of the related entity
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated

Indexes

Index Name	Index Type	Sequence	Column Name
ITG_AUDIT_EVENTS_N1	NONUNIQUE	1	ENTITY_ID
SYS_C005201534	UNIQUE	1	AUDIT_EVENT_ID

Sequences

Sequence Name	Sequence Type
ITG_AUDIT_EVENTS_S	AUDIT_EVENT_ID

ITG_CALENDAR

This table stores calendar periods.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
CALENDAR_ID	NOT NULL	NUMBER	System-generated identifier
CALENDAR_TYPE_ CODE	NOT NULL	NUMBER	Indicates the calendar type for this period calendar
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column must not be updated manually.
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated

Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C005201535	UNIQUE	1	CALENDAR_ID

Sequences

Sequence Name	Sequence Type
ITG_CALENDAR_S	CALENDAR_ID

ITG_COMPONENTS

This table stores all components that contain cost and effort information.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
ITG_CALENDAR	CALENDAR_ID	CALENDAR_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	CREATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
COMPONENT_ID	NOT NULL	NUMBER	System-generated identifier
COMPONENT_ TYPE_CODE	NOT NULL	NUMBER	Type of component
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column must not be updated manually
BUSY_AMOUNT	NULLABLE	FLOAT	Busy amount for this component
START_TIME	NULLABLE	DATE	Start instant for this component
FINISH_TIME	NULLABLE	DATE	Finish instant for this component
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
ACT_CAP_ LABOR_BSE	NULLABLE	NUMBER	Base value of the actual capitalized labor cost
ACT_CAP_ LABOR_LCL	NULLABLE	NUMBER	Local value of the actual capitalized labor cost

Column Name	Null?	Data Type	Description
ACT_CAP_ LABOR_CUR_LCL	NULLABLE	VARCHAR2(255)	Local currency code of the actual capitalized labor cost
ACT_CAP_NON_ LABOR_BSE	NULLABLE	NUMBER	Base value of the actual capitalized non-labor cost
ACT_CAP_NON_ LABOR_LCL	NULLABLE	NUMBER	Local value of the actual capitalized non-labor cost
ACT_CAP_NON_ LABOR_CUR_LCL	NULLABLE	VARCHAR2(255)	Local currency code of the actual capitalized non-labor cost
ACT_OP_LABOR_ BSE	NULLABLE	NUMBER	Indicates the base value of the actual operational labor cost
ACT_OP_LABOR_ LCL	NULLABLE	NUMBER	Local value of the actual operational labor cost
ACT_OP_LABOR_ CUR_LCL	NULLABLE	VARCHAR2(255)	Local currency code of the actual operational labor cost
ACT_OP_NON_ LABOR_BSE	NULLABLE	NUMBER	Base value of the actual operational non-labor cost
ACT_OP_NON_ LABOR_LCL	NULLABLE	NUMBER	Local value of the actual operational non-labor cost
ACT_OP_NON_ LABOR_CUR_LCL	NULLABLE	VARCHAR2(255)	Local currency code of the actual operational non-labor cost
PLAN_CAP_ LABOR_BSE	NULLABLE	NUMBER	Base value of the planned capitalized labor cost
PLAN_CAP_ LABOR_LCL	NULLABLE	NUMBER	Local value of the planned capitalized labor cost
PLAN_CAP_ LABOR_CUR_LCL	NULLABLE	VARCHAR2(255)	Local currency code of the planned capitalized labor cost
PLAN_CAP_NON_ LABOR_BSE	NULLABLE	NUMBER	Base value of the planned capitalized non-labor cost
PLAN_CAP_NON_ LABOR_LCL	NULLABLE	NUMBER	Local value of the planned capitalized non-labor cost
PLAN_CAP_NON_ LABOR_CUR_LCL	NULLABLE	VARCHAR2(255)	Local currency code of the planned capitalized non-labor cost

Column Name	Null?	Data Type	Description
PLAN_OP_ LABOR_BSE	NULLABLE	NUMBER	Base value of the planned operational labor cost
PLAN_OP_ LABOR_LCL	NULLABLE	NUMBER	Local value of the planned operational labor cost
PLAN_OP_ LABOR_CUR_LCL	NULLABLE	VARCHAR2(255)	Local currency code of the planned operational labor cost
PLAN_OP_NON_ LABOR_BSE	NULLABLE	NUMBER	Base value of the planned operational non-labor cost
PLAN_OP_NON_ LABOR_LCL	NULLABLE	NUMBER	Local value of the planned operational non-labor cost
PLAN_OP_NON_ LABOR_CUR_LCL	NULLABLE	VARCHAR2(255)	Local currency code of the planned operational non-labor cost
EXCHANGE_RATE	NULLABLE	NUMBER	Exchange rate
CALENDAR_ID	NULLABLE	NUMBER	Provides the calendar ID used for this component. This value must correspond to CALENDAR_ID in ITG_ CALENDAR
COMPONENT_ SEQ	NULLABLE	NUMBER	Sequence number of this component

Indexes

Index Name	Index Type	Sequence	Column Name
FKF60306995F1CC5BE_I	NONUNIQUE	1	CALENDAR_ID
SYS_C005201536	UNIQUE	1	COMPONENT_ID

Sequences

Sequence Name	Sequence Type
ITG_COMPONENTS_S	COMPONENT_ID

ITG_GROUP_PARTICIPANT_TRUSTEE

This table stores groups of trustees.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
ITG_TRUSTEE	TRUSTEE_ID	BASE_TRUSTEE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
GROUP_ PARTICIPANT_ID	NOT NULL	NUMBER	System-generated identifier
BASE_ TRUSTEE_ID	NOT NULL	NUMBER	Specifies the trustee. Must match TRUSTEE_ID in ITG_ TRUSTEE.

Indexes

Index Name	Index Type	Sequence	Column Name
FK328CBC495BD31FCB_I	NONUNIQUE	1	BASE_TRUSTEE_ID
SYS_C005201538	UNIQUE	1	GROUP_ PARTICIPANT_ID
SYS_C005201538	UNIQUE	2	BASE_TRUSTEE_ID

Sequences

This table uses no sequences.

ITG_GROUP_PARTICIPANT_USERS

This table stores the users who belong to trustee groups.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	USER_ID

Column Descriptions

Column Name	Null?	Data Type	Description
TRUSTEE_ID	NOT NULL	NUMBER	System-generated identifier
USER_ID	NOT NULL	NUMBER	References a user. Must match USER_ID in the KNTA_USERS table.

Indexes

Index Name	Index Type	Sequence	Column Name
FK5E24D599C55496FA_I	NONUNIQUE	1	USER_ID
SYS_C005201539	UNIQUE	1	TRUSTEE_ID
SYS_C005201539	UNIQUE	2	USER_ID

Sequences

This table uses no sequences.

ITG_NOTES

This table stores notes information for the PPM Center 7.0 entities.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	OWNER_ID

Column Descriptions

Column Name	Null?	Data Type	Description
NOTE_ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column must not be updated manually
NOTE_TEXT	NULLABLE	CLOB	Defines text of the note that was set
NOTE_TYPE	NOT NULL	VARCHAR2(30)	Note type: html, pdf, txt
OWNER_ID	NULLABLE	NUMBER	User who owns this note
CREATED_BY	NOT NULL	NUMBER	User who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
IDX	NULLABLE	NUMBER	Reserved for internal use. Index of the note.

Indexes

Index Name	Index Type	Sequence	Column Name
ITG_NOTES_N1	NONUNIQUE	1	OWNER_ID
SYS_C005201540	UNIQUE	1	NOTE_ID

Sequences

Sequence Name	Sequence Type
ITG_NOTES_S	NOTE_ID

ITG_PENDING_ROLLUPS

This table stores entries that will be used by asynchronous PPM Center services such as the cost rollup service. The entries are deleted once the services successfully process them.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_ENTITIES_NLS	ENTITY_ID	SOURCE_ENTITY_ID
KNTA_ENTITIES_NLS	ENTITY_ID	TARGET_ENTITY_ID

Column Descriptions

Column Name	Null?	Data Type	Description
PENDING_ ROLLUP_ID	NOT NULL	NUMBER	System-generated identifier
ROLLUP_TYPE_ CODE	NOT NULL	VARCHAR2(255)	Indicates which service this entry is intended for. Possible values are: 'COST' for Cost Rollup 'ACTUAL' for Task Actuals Rollup 'SP_ PERIOD_SUM' for Staffing Profile Period Sum
SOURCE_ ENTITY_ID	NULLABLE	NUMBER	Indicates the entity (for example, project, budget) creating the entry.
SOURCE_ ENTITY_ PRIMARY_KEY	NULLABLE	NUMBER	Primary key of the creating entity
TARGET_ ENTITY_ID	NULLABLE	NUMBER	Target entity which the entry is intended for.
TARGET_ ENTITY_ PRIMARY_KEY	NULLABLE	NUMBER	Primary key of the target entity which the entry is intended for.
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record

Column Name	Null?	Data Type	Description
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
IN_PROCESS	NULLABLE	VARCHAR2(1)	Indicates if this row is currently being processed by a background service. Possible values: Y, N

Indexes

Index Name	Index Type	Sequence	Column Name
ITG_PENDING_ROLLUPS_N1	NONUNIQUE	1	SOURCE_ENTITY_ID
ITG_PENDING_ROLLUPS_N2	NONUNIQUE	1	TARGET_ENTITY_ID
SYS_C005201541	UNIQUE	1	PENDING_ROLLUP_ID

Sequences

Sequence Name	Sequence Type
ITG_PENDING_ROLLUPS_S	PENDING_ROLLUP_ID

ITG_SECURABLE_ENTITIES

This table stores the securable entities, that is, entities that have associated access control lists.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	CREATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
SECURABLE_ ENTITY_ID	NOT NULL	NUMBER	Indicates the ID of the securable entity. This is referenced by the ACCESS_CONTROL_ENTRY_ ID column in ITG_ACCESS_ CONTROL_ENTRIES.
ENTITY_TYPE_CODE	NOT NULL	VARCHAR2(255)	Indicates the type of entity being referenced
ENTITY_LAST_ UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date a record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date a record was last updated

Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C005201542	UNIQUE	1	SECURABLE_ENTITY_ID

Sequences

Sequence Name	Sequence Type
ITG_SECURABLE_ENTITIES_S	SECURABLE_ENTITY_ID

ITG_SECURITY_ACES

This table associates access control entries with securable entities.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
ITG_ACCESS_ CONTROL_ENTRIES	ACCESS_CONTROL_ ENTRY_ID	ELT
ITG_SECURABLE_ ENTITIES	SECURABLE_ENTITY_ ID	SECURABLE_ENTITY_ ID

Column Descriptions

Column Name	Null?	Data Type	Description
SECURABLE_ ENTITY_ID	NOT NULL	NUMBER	Indicates the securable entity with the specified which access control entries are associated. Must match a SECURABLE_ ENTITY_ID in ITG_ SECURABLE_ENTITIES.
ELT	NOT NULL	NUMBER	Indicates an access control entry that is associated with the specified securable entity. Must match a ACCESS_CONTROL_ ENTRY_ID in ITG_ACCESS_ CONTROL_ENTRIES.

Indexes

Index Name	Index Type	Sequence	Column Name
FK1A588B8C7CE166BB_I	NONUNIQUE	1	ELT
SYS_C005201543	UNIQUE	1	SECURABLE_ ENTITY_ID
SYS_C005201543	UNIQUE	2	ELT

Sequences

This table uses no sequences.

ITG_SECURITY_GROUP_TRUSTEES

This table stores security group trustees.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
ITG_TRUSTEE	TRUSTEE_ID	TRUSTEE_ID
KNTA_SECURITY_ GROUPS_NLS	SECURITY_GROUP_ID	SECURITY_GROUP_ID

Column Descriptions

Column Name	Null?	Data Type	Description
TRUSTEE_ID	NOT NULL	NUMBER	System-generated identifier
SECURITY_ GROUP_ID	NOT NULL	NUMBER	Specifies a security group. Must match SECURITY_ GROUP_ID in KNTA_ SECURITY_GROUPS.

Indexes

Index Name	Index Type	Sequence	Column Name
FKB659BC77FE01C679_I	NONUNIQUE	1	SECURITY_GROUP_ID
SYS_C005201544	UNIQUE	1	TRUSTEE_ID
SYS_C005201544	UNIQUE	2	SECURITY_GROUP_ID

Sequences

This table uses no sequences.

ITG_SETTINGS_ATTRIBUTES

This table stores the settings information of various entities such as Project Type and Programs.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
SETTINGS_ ATTRIBUTE_ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column must not be updated manually
NAME	NOT NULL	VARCHAR2(255)	Defines name of the attribute
CLASSTYPE	NULLABLE	VARCHAR2(200)	Defines java type of the value
VALUE	NULLABLE	VARCHAR2(3999)	Defines value of the attribute
SOURCE	NULLABLE	VARCHAR2(255)	Defines source of the entity. Used by migrators
SOURCE_TYPE_ CODE	NULLABLE	VARCHAR2(255)	Defines source type code of the entity. Used by migrators
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record

Column Name	Null?	Data Type	Description
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated

Indexes

Index Name	Index Type	Sequence	Column Name
ITG_SETTINGS_ATTRIBUTES_N1	NONUNIQUE	1	NAME
SYS_C005201545	UNIQUE	1	SETTINGS_ATTRIBUTE_ID

Sequences

Sequence Name	Sequence Type
ITG_SETTINGS_ATTRIBUTES_S	SETTINGS_ATTRIBUTE_ID

ITG_SETTINGS_CONT_ATTRS

This table stores relationship definitions between the ITG_SETTINGS_CONTAINERS and ITG_SETTINGS_ATTRIBUTES tables.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
ITG_SETTINGS_ATTRIBUTES	SETTINGS_ATTRIBUTE_ID	SETTINGS_ATTRIBUTE_ID
ITG_SETTINGS_CONTAINERS	SETTINGS_CONTAINER_ID	SETTINGS_CONTAINER_ID

Column Descriptions

Column Name	Null?	Data Type	Description
SETTINGS_CONTAINER_ID	NOT NULL	NUMBER	System-generated identifier
SETTINGS_ATTRIBUTE_ID	NOT NULL	NUMBER	Identifies attribute ID from ITG_SETTINGS_ATTRIBUTES table
ATTR_MAP_KEY	NOT NULL	VARCHAR2(255)	Internal use only

Indexes

Index Name	Index Type	Sequence	Column Name
ITG_SETTINGS_CONT_ATTRS_N1	NONUNIQUE	1	SETTINGS_ATTRIBUTE_ID
ITG_SETTINGS_CONT_ATTRS_N3	NONUNIQUE	1	ATTR_MAP_KEY
SYS_C005201548	UNIQUE	1	SETTINGS_CONTAINER_ID
SYS_C005201548	UNIQUE	2	ATTR_MAP_KEY

Sequences

This table uses no sequences.

ITG_SETTINGS_CONTAINER_CHLDRN

This table defines relationship between child and parent containers.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
ITG_SETTINGS_ CONTAINERS	SETTINGS_ CONTAINER_ID	CHILD_CONTAINER
ITG_SETTINGS_ CONTAINERS	SETTINGS_ CONTAINER_ID	SETTINGS_ CONTAINER_ID

Column Descriptions

Column Name	Null?	Data Type	Description
SETTINGS_ CONTAINER_ID	NOT NULL	NUMBER	System-generated identifier
CHILD_ CONTAINER	NOT NULL	NUMBER	Identifies child container
CONTAINER_ MAP_KEY	NOT NULL	VARCHAR2(255)	Internal use value

Indexes

Index Name	Index Type	Sequence	Column Name
ITG_SETTINGS_CONT_ CHLDRN_N1	NONUNIQUE	1	CHILD_ CONTAINER
SYS_C005201547	UNIQUE	1	SETTINGS_ CONTAINER_ID
SYS_C005201547	UNIQUE	2	CONTAINER_ MAP_KEY

Sequences

This table uses no sequences.

ITG_SETTINGS_CONTAINERS

This table stores PPM Center settings containers. This table identifies hierarchy of the containers.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
ITG_SETTINGS_ ATTRIBUTES	SETTINGS_ ATTRIBUTE_ID	KEY_ATTRIBUTE_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
ITG_SETTINGS_ CONTAINERS	SETTINGS_ CONTAINER_ID	PARENT_CONTAINER_ ID
KNTA_USERS	USER_ID	CREATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
SETTINGS_ CONTAINER_ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column must not be updated manually
CONTAINER_ KEY_HASH	NOT NULL	VARCHAR2(32)	Defines keyhash to uniquely identify the container
KEY_ ATTRIBUTE_ID	NULLABLE	NUMBER	Identifies attribute which contains name of the container
PARENT_ CONTAINER_ID	NULLABLE	NUMBER	Defines parent container
SOURCE	NULLABLE	VARCHAR2(255)	Defines source of the entity. Used by migrators
SOURCE_TYPE_ CODE	NULLABLE	VARCHAR2(255)	Defines source type of the entity. Used by migrators
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record

Column Name	Null?	Data Type	Description
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated

Indexes

Index Name	Index Type	Sequence	Column Name
ITG_SETTINGS_CONTAINERS_N1	NONUNIQUE	1	KEY_ATTRIBUTE_ID
ITG_SETTINGS_CONTAINERS_N2	NONUNIQUE	1	PARENT_CONTAINER_ID
SYS_C005200246	UNIQUE	1	CONTAINER_KEY_HASH
SYS_C005201546	UNIQUE	1	SETTINGS_CONTAINER_ID

Sequences

Sequence Name	Sequence Type
ITG_SETTINGS_CONTAINERS_S	SETTINGS_CONTAINER_ID

ITG_TRUSTEE

This table stores a list of users who are identified by their relationship with an entity.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
PM_PROJECTS	PROJECT_ID	PROJECT_ID
PM_PROJECT_TYPES	PROJECT_TYPE_ID	PROJECT_TYPE_ID
PM_INDICATOR_ POLICIES	PROJECT_TYPE_ID	PROJECT_TYPE_ID
PM_SYNCHED_FIELDS	PROJECT_TYPE_ID	PROJECT_TYPE_ID
PM_PROJECT_TYPE_ CUSTOM_FIELDS	PROJECT_TYPE_ID	PROJECT_TYPE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
TRUSTEE_ID	NOT NULL	NUMBER	System-generated identifier. Must match a USER_ID in KNTA_USERS.
ENTITY_TYPE	NOT NULL	VARCHAR2(255)	Type of entity for which the specified user is a Trustee.
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column must not be updated manually
IS_ENABLED_ FLAG	NULLABLE	VARCHAR2(1)	Indicates whether the specified trustee is enabled.
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record

Column Name	Null?	Data Type	Description
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
TRUSTEE_TYPE_CODE	NULLABLE	NUMBER	Indicates the type of trustee. Allowed values are: 1 STAKEHOLDERS_GROUP 2 PROJECT_MANAGERS_GROUP 3 RESOURCE_PARTICIPANTS_GROUP 4 SUMMARY_TASK_OWNER_PARTICIPANTS_GROUP
PROJECT_ID	NULLABLE	NUMBER	For trustees of projects, indicates the associated project. Must match a PROJECT_ID in PM_PROJECTS.
PROJECT_TYPE_ID	NULLABLE	NUMBER	For trustees specified for project types, indicates the associated project type. Must match a PROJECT_TYPE_ID in PM_PROJECT_TYPES.

Indexes

Index Name	Index Type	Sequence	Column Name
FKB8AEF85588B8FB3A_I	NONUNIQUE	1	PROJECT_TYPE_ID
FKB8AEF85595D2EB1E_I	NONUNIQUE	1	PROJECT_ID
SYS_C005201549	UNIQUE	1	TRUSTEE_ID

Sequences

Sequence Name	Sequence Type
ITG_TRUSTEE_S	TRUSTEE_ID

KACC_ACCELERATORS

This table stores a row for each installed Accelerator. Installed Accelerators have the enabled_flag set to 'Y'.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
ACCELERATOR_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
ACCELERATOR_NAME	NOT NULL	VARCHAR2(80)	Long name of the Accelerator. It can contain spaces.
SHORT_NAME	NULLABLE	VARCHAR2(80)	An abbreviation of the accelerator name with no spaces
DESCRIPTION	NULLABLE	VARCHAR2(240)	Description of the Accelerator
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	'Y' if the Accelerator is installed, no otherwise.
VERSION	NULLABLE	VARCHAR2(10)	Release number of the Accelerator: 3.0.1 or 3.0.1.a. The first three digits correspond with the PPM Center release.

Column Name	Null?	Data Type	Description
ORIGINAL_ ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Not used. All values are 'N'
TOKEN_NAME_ PREFIX	NOT NULL	VARCHAR2(20)	Prefix used for tokens in the Accelerator-specific Environment and User panels.
DEFINITION_ LANGUAGE	NOT NULL	VARCHAR2(40)	Language in which this Accelerator was created.
REFERENCE_ CODE	NOT NULL	VARCHAR2(200)	Reference code

Indexes

Index Name	Index Type	Sequence	Column Name
KACC_ACCELERATORS_U1	UNIQUE	1	ACCELERATOR_ID
KACC_ACCELERATORS_U2	UNIQUE	1	ACCELERATOR_ NAME
KACC_ACCELERATORS_U3	UNIQUE	1	SHORT_NAME
KACC_ACCELERATORS_U4	UNIQUE	1	TOKEN_NAME_ PREFIX
SYS_C005196855	UNIQUE	1	REFERENCE_ CODE

Sequences

This table uses no sequences.

KACC_PLUG_TAB_INSTANCES

This table stores the information in the Accelerator-specific Environment and User tabs. There is one row per accelerator, environment, or user.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_PARAMETER_ SET_CONTEXTS	PARAMETER_SET_ CONTEXT_ID	PARAMETER_SET_ CONTEXT_ID
KNTA_USERS	USER_ID	PARENT_ID
KENV_ENVIRONMENTS	ENVIRONMENT_ID	PARENT_ID
KACC_PLUG_TABS_NLS	PLUG_TAB_ID	PLUG_TAB_ID

Column Descriptions

Column Name	Null?	Data Type	Description
PLUG_TAB_ INSTANCE_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
PLUG_TAB_ID	NOT NULL	NUMBER	Foreign key to KACC_ PLUG_TABS
PARENT_ID	NOT NULL	NUMBER	Foreign key to KENV_ ENVIRONMENTS or KNTA_ USERS
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Determines whether the fields in the Environment or User tab are enabled

Column Name	Null?	Data Type	Description
PARAMETER_ SET_CONTEXT_ID	NULLABLE	NUMBER	Foreign key to KNTA_ PARAMETER_SET_ CONTEXTS
PARAMETER1-50	NULLABLE	VARCHAR2(200)	Environment/User parameter
VISIBLE_ PARAMETER1-50	NULLABLE	VARCHAR2(200)	Environment/User parameter

Indexes

Index Name	Index Type	Sequence	Column Name
KACC_PLUG_TAB_ INSTANCES_U1	UNIQUE	1	PLUG_TAB_ INSTANCE_ID

Sequences

Sequence Name	Sequence Type
KACC_PLUG_TAB_ INSTANCES_S	PLUG_TAB_ INSTANCE_ID

KACC_PLUG_TABS

This table stores one row for each Accelerator-specific Environment or User tab.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KACC_ ACCELERATORS	ACCELERATOR_ID	ACCELERATOR_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	ENTITY_ID	PARENT_ENTITY_ID

Column Descriptions

Column Name	Null?	Data Type	Description
PLUG_TAB_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
PARENT_ ENTITY_ID	NOT NULL	NUMBER	Entity ID for either environments or users
ACCELERATOR_ ID	NOT NULL	NUMBER	Foreign key to KACC_ ACCELERATORS
DESCRIPTION	NULLABLE	VARCHAR2(240)	Description of the tab
JAVA_CLASS	NOT NULL	VARCHAR2(100)	Class that contains the compiled java code for the Accelerator-specific Environment or User panel.
DEFINITION_ LANGUAGE	NOT NULL	VARCHAR2(40)	Session language used when creating or defining this entity.
REFERENCE_ CODE	NOT NULL	VARCHAR2(200)	A unique identifier of this entity cross PPM Center instances

Indexes

Index Name	Index Type	Sequence	Column Name
KACC_PLUG_TABS_U1	UNIQUE	1	PLUG_TAB_ID
SYS_C005196869	UNIQUE	1	REFERENCE_ CODE

Sequences

This table uses no sequences.

KCRT_CONTACTS

This table stores the contact entities. PPM Center users can use the information stored in these entities to identify the contact person for more information regarding a specific request. Contacts are either created by the customer or seeded as part of the installation.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_PARAMETER_ SET_CONTEXTS	PARAMETER_SET_ CONTEXT_ID	USER_DATA_SET_ CONTEXT_ID
KNTA_USERS	USER_ID	USER_ID

Column Descriptions

Column Name	Null?	Data Type	Description
CONTACT_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
ENTITY_LAST_ UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
FIRST_NAME	NOT NULL	VARCHAR2(80)	Contact person's first name
LAST_NAME	NOT NULL	VARCHAR2(80)	Contact person's last name
FULL_NAME	NOT NULL	VARCHAR2(200)	Contact person's full name

Column Name	Null?	Data Type	Description
USER_ID	NULLABLE	NUMBER	Identifier for the user associated with this contact
PHONE_ NUMBER	NULLABLE	VARCHAR2(30)	Contact person's phone number
EMAIL_ADDRESS	NULLABLE	VARCHAR2(80)	Contact person's email address
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether this contact is available for use
USER_DATA_ SET_CONTEXT_ ID	NULLABLE	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1-20	NULLABLE	VARCHAR2(200)	User data segment
VISIBLE_USER_ DATA1-20	NULLABLE	VARCHAR2(200)	User data segment
COMPANY	NULLABLE	VARCHAR2(30)	Contact person's company

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_CONTACTS_N1	NONUNIQUE	1	USER_ID
KCRT_CONTACTS_N2	NONUNIQUE	1	FIRST_NAME
KCRT_CONTACTS_N3	NONUNIQUE	1	LAST_NAME
KCRT_CONTACTS_N4	NONUNIQUE	1	FULL_NAME
KCRT_CONTACTS_N5	NONUNIQUE	1	EMAIL_ADDRESS
KCRT_CONTACTS_N6	NONUNIQUE	1	PHONE_ NUMBER
KCRT_CONTACTS_U1	UNIQUE	1	CONTACT_ID

Sequences

Sequence Name	Sequence Type
KCRT_CONTACTS_S	CONTACT_ID

KCRT_CONTACTS_INT

This table stores contacts to migrate between PPM Center instances.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_CONTACTS	CONTACT_ID	CONTACT_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_PARAMETER_ SET_CONTEXTS	PARAMETER_SET_ CONTEXT_ID	USER_DATA_SET_ CONTEXT_ID

Column Descriptions

Column Name	Null?	Data Type	Description
CONTACT_ INTERFACE_ID	NULLABLE	NUMBER	System-generated identifier
GROUP_ID	NULLABLE	NUMBER	Identifier
PROCESS_ PHASE	NULLABLE	NUMBER	Determines where the record is in the interface process: 1 -- Pending, 2 -- Validating, 3 -- Importing
PROCESS_ STATUS	NULLABLE	NUMBER	Determines the current status of the interface record: 1 -- Pending, 2 -- In-Process, 3 -- Errored, 4 -- Completed.
CONTACT_ID	NULLABLE	NUMBER	Indicates which contact this contact interface is link to
CREATION_DATE	NULLABLE	DATE	Date record was created
CREATED_BY	NULLABLE	NUMBER	Identifier for the user who created the record
FIRST_NAME	NULLABLE	VARCHAR2(30)	Contact person's first name
LAST_NAME	NULLABLE	VARCHAR2(30)	Contact person's last name
FULL_NAME	NULLABLE	VARCHAR2(80)	Contact person's full name
USERNAME	NULLABLE	VARCHAR2(200)	Contact person's username
PHONE_ NUMBER	NULLABLE	VARCHAR2(30)	Contact person's phone number

Column Name	Null?	Data Type	Description
EMAIL_ADDRESS	NULLABLE	VARCHAR2(80)	Contact person's email address
ENABLED_FLAG	NULLABLE	VARCHAR2(1)	Indicates whether this contact is available for use
USER_DATA_ SET_CONTEXT_ ID	NULLABLE	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1-20	NULLABLE	VARCHAR2(200)	User data segment
VISIBLE_USER_ DATA1-20	NULLABLE	VARCHAR2(200)	User data segment
USER_ID	NULLABLE	NUMBER	Identifier for the user associated with this contact
COMPANY	NULLABLE	VARCHAR2(30)	Contact person's company

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_CONTACTS_INT_N1	NONUNIQUE	1	CONTACT_ INTERFACE_ID
KCRT_CONTACTS_INT_N1	NONUNIQUE	2	GROUP_ID
KCRT_CONTACTS_INT_N2	NONUNIQUE	1	GROUP_ID
KCRT_CONTACTS_INT_N3	NONUNIQUE	1	FULL_NAME

Sequences

This table uses no sequences.

KCRT_DEFAULTS_MATRIX

This table stores all the issue type defaults. This is the initial data that goes into the issue form as soon as the user selects an issue type.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	ASSIGNED_TO_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KCRT_REQUEST_ TYPES_NLS	REQUEST_TYPE_ID	REQUEST_TYPE_ID
KNTA_SECURITY_ GROUPS_NLS	SECURITY_GROUP_ID	ASSIGNED_TO_ GROUP_ID
KWFL_WORKFLOWS_ NLS	WORKFLOW_ID	WORKFLOW_ID

Column Descriptions

Column Name	Null?	Data Type	Description
MATRIX_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
SEQ_NUM	NOT NULL	NUMBER	Indicates the sequence number of the record.
REQUEST_ TYPE_ID	NOT NULL	NUMBER	Identifier for the issue type this is default is associated to
DEPARTMENT_ CODE	NULLABLE	VARCHAR2(30)	Lookup Code for 'DEPT'
APPLICATION	NULLABLE	VARCHAR2(30)	Lookup code for 'APPLICATION'

Column Name	Null?	Data Type	Description
ASSIGNED_TO_ID	NULLABLE	NUMBER	Identifier for the default assigned user for this record
ASSIGNED_TO_GROUP_ID	NULLABLE	NUMBER	Identifier for the default assigned group for this record
WORKFLOW_ID	NOT NULL	NUMBER	Identifier for the default link workflow for this record
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether this default is available for use

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_DEFAULTS_MATRIX_N1	NONUNIQUE	1	REQUEST_TYPE_ID
KCRT_DEFAULTS_MATRIX_U1	UNIQUE	1	MATRIX_ID

Sequences

Sequence Name	Sequence Type
KCRT_DEFAULTS_MATRIX_S	MATRIX_ID

KCRT_FG_CMDB_APPLICATION

This field group table holds information for CMDB integration.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_REQUEST_TYPES_NLS	REQUEST_TYPE_ID	REQUEST_TYPE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
REQUEST_ID	NOT NULL	NUMBER	System-generated identifier
REQUEST_TYPE_ID	NOT NULL	NUMBER	Parent request type id
CMDB_ID	NULLABLE	VARCHAR2(32)	ID of the CMDB
CMDB_DISPLAY_LABEL	NULLABLE	VARCHAR2(255)	Display label for the CMDB

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_FG_CMDB_APPLICATION_U1	UNIQUE	1	REQUEST_ID

Sequences

This table uses no sequences.

KCRT_FG_CMDB_APPLICATION_INT

This table stores information for importing requests that have information about a corresponding CMDB entry into the KCRT_FG_CMDB_APPLICATION table.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_REQUEST_TYPES_NLS	REQUEST_TYPE_ID	REQUEST_TYPE_ID
KCRT_REQUESTS_INT	TRANSACTION_ID	PARENT_TRANSACTION_ID

Column Descriptions

Column Name	Null?	Data Type	Description
GROUP_ID	NULLABLE	NUMBER	System-generated identifier
TRANSACTION_ID	NULLABLE	NUMBER	Provides a unique identifier for each transaction
PARENT_TRANSACTION_ID	NULLABLE	NUMBER	Provides the transaction ID (from KCRT_REQUESTS_INT) of the parent table being imported
REQUEST_ID	NOT NULL	NUMBER	Links this information with KCRT_REQUESTS
REQUEST_TYPE_ID	NOT NULL	NUMBER	Request type ID of this request
CMDB_ID	NULLABLE	VARCHAR2(32)	ID of the CMDB
CMDB_DISPLAY_LABEL	NULLABLE	VARCHAR2(255)	Display label for the CMDB

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_FG_CMDB_APP_INT_N1	NONUNIQUE	1	GROUP_ID
KCRT_FG_CMDB_APP_INT_N1	NONUNIQUE	2	TRANSACTION_ID

Sequences

This table uses no sequences.

KCRT_FG_CMQC_APP_PROJECT

This table stores HP Center Management for Quality Center (CMQC) application projects. Every PPM Center project that has the CMQC Application Project Field Group is listed in this table.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_REQUEST_TYPES_NLS	REQUEST_TYPE_ID	REQUEST_TYPE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
REQUEST_ID	NOT NULL	NUMBER	System-generated identifier
REQUEST_TYPE_ID	NOT NULL	NUMBER	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_FG_CMQC_APP_PROJECT_U1	UNIQUE	1	REQUEST_ID

Sequences

This table uses no sequences.

KCRT_FG_CMQC_APP_PROJECT_INT

This table is used for importing CMQC application projects.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USER_SECURITY_INT	TRANSACTION_ID	TRANSACTION_ID
KWFL_STEP_TRANSITIONS_INT	TRANSACTION_ID	TRANSACTION_ID
KCRT_FG_QC_DEFECT_INFO	REQUEST_ID	REQUEST_ID
KNTA_USERS_INT	TRANSACTION_ID	TRANSACTION_ID
KCRT_FG_PROG_ISSUE	REQUEST_ID	REQUEST_ID
KCRT_FG_CMQC_TEST_STATUS	REQUEST_ID	REQUEST_ID
KCRT_FG_PROG_REFERENCE	REQUEST_ID	REQUEST_ID
KCRT_FG_WORK_ITEMS	REQUEST_ID	REQUEST_ID
KCRT_FG_CMQC_TEST_ PROJECT	REQUEST_ID	REQUEST_ID
KRSC_ORG_UNITS_INT	TRANSACTION_ID	TRANSACTION_ID
KCRT_FG_QC_INFO	REQUEST_ID	REQUEST_ID
KCRT_FG_PROJ_ISSUE	REQUEST_ID	REQUEST_ID
KCRT_FG_MASTER_PROJ_REF	REQUEST_ID	REQUEST_ID
KCRT_FG_PFM_ASSET	REQUEST_ID	REQUEST_ID
KCRT_FG_PROJ_SCOPE_ CHANGE	REQUEST_ID	REQUEST_ID
KCRT_FG_IMPACT_ANALYSIS	REQUEST_ID	REQUEST_ID
KCRT_FG_CMQC_QC_INSTANCE	REQUEST_ID	REQUEST_ID
KCRT_FG_CMQC_PROJECT_ STATUS	REQUEST_ID	REQUEST_ID
KCRT_FG_PFM_PROPOSAL	REQUEST_ID	REQUEST_ID
KCRT_FG_SLA	REQUEST_ID	REQUEST_ID
KCRT_FG_CMQC_APP_PROJECT	REQUEST_ID	REQUEST_ID
KCRT_FG_DEMAND_SCHEDULE	REQUEST_ID	REQUEST_ID
KRSC_ORG_UNIT_MEMBERS_ INT	TRANSACTION_ID	TRANSACTION_ID
KCRT_FG_CMQC_QC_ADMIN	REQUEST_ID	REQUEST_ID

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_TRANSACTIONS	TRANSACTION_ID	PARENT_ TRANSACTION_ID
KCRT_FG_PROG_RISK	REQUEST_ID	REQUEST_ID
KCRT_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID
KCRT_FG_PROG_RESOURCE_ REQ	REQUEST_ID	REQUEST_ID
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_FG_CMDB_APPLICATION	REQUEST_ID	REQUEST_ID
KCRT_FG_PFM_PROJECT	REQUEST_ID	REQUEST_ID
KCRT_FG_PROJ_RISK	REQUEST_ID	REQUEST_ID
KWFL_TRANSACTIONS_INT	TRANSACTION_ID	TRANSACTION_ID
KCRT_REQUEST_TYPES_NLS	REQUEST_TYPE_ID	REQUEST_TYPE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
GROUP_ID	NOT NULL	NUMBER	System-generated identifier
TRANSACTION_ ID	NOT NULL	NUMBER	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update.
PARENT_ TRANSACTION_ ID	NOT NULL	NUMBER	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update.
REQUEST_ID	NULLABLE	NUMBER	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update.
REQUEST_ TYPE_ID	NULLABLE	NUMBER	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update.

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_FG_CMQC_APP_PROJ_INT_N1	NONUNIQUE	1	GROUP_ID
KCRT_FG_CMQC_APP_PROJ_INT_N1	NONUNIQUE	2	TRANSACTION_ID

Sequences

This table does not use any Sequences.

KCRT_FG_CMQC_PROJ_STATUS_INT

This table is used for importing CMQC Project Status requests.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_FG_DEMAND_SCHEDULE	REQUEST_ID	REQUEST_ID
KCRT_FG_PROG_RESOURCE_REQ	REQUEST_ID	REQUEST_ID
KCRT_FG_CMQC_QC_INSTANCE	REQUEST_ID	REQUEST_ID
KCRT_FG_CMQC_PROJECT_ STATUS	REQUEST_ID	REQUEST_ID
KCRT_FG_CMQC_QC_ADMIN	REQUEST_ID	REQUEST_ID
KCRT_FG_PFM_ASSET	REQUEST_ID	REQUEST_ID
KCRT_FG_PROG_ISSUE	REQUEST_ID	REQUEST_ID
KRSC_ORG_UNIT_MEMBERS_INT	TRANSACTION_ID	TRANSACTION_ID
KCRT_FG_PROJ_SCOPE_CHANGE	REQUEST_ID	REQUEST_ID
KWFL_TRANSACTIONS_INT	TRANSACTION_ID	TRANSACTION_ID
KCRT_TRANSACTIONS	TRANSACTION_ID	PARENT_ TRANSACTION_ID
KCRT_FG_SLA	REQUEST_ID	REQUEST_ID
KCRT_FG_CMQC_TEST_PROJECT	REQUEST_ID	REQUEST_ID
KCRT_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID
KCRT_FG_QC_INFO	REQUEST_ID	REQUEST_ID
KCRT_FG_CMQC_APP_PROJECT	REQUEST_ID	REQUEST_ID
KCRT_FG_PFM_PROPOSAL	REQUEST_ID	REQUEST_ID
KCRT_FG_CMQC_TEST_STATUS	REQUEST_ID	REQUEST_ID
KCRT_REQUEST_TYPES_NLS	REQUEST_TYPE_ ID	REQUEST_TYPE_ID
KCRT_FG_WORK_ITEMS	REQUEST_ID	REQUEST_ID
KNTA_USERS_INT	TRANSACTION_ID	TRANSACTION_ID
KCRT_FG_PFM_PROJECT	REQUEST_ID	REQUEST_ID
KCRT_FG_QC_DEFECT_INFO	REQUEST_ID	REQUEST_ID
KCRT_FG_CMDB_APPLICATION	REQUEST_ID	REQUEST_ID
KRSC_ORG_UNITS_INT	TRANSACTION_ID	TRANSACTION_ID

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_FG_PROJ_ISSUE	REQUEST_ID	REQUEST_ID
KCRT_FG_IMPACT_ANALYSIS	REQUEST_ID	REQUEST_ID
KCRT_FG_CMQC_TEST_STATUS	REQUEST_ID	REQUEST_ID
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_FG_MASTER_PROJ_REF	REQUEST_ID	REQUEST_ID
KCRT_FG_PROJ_RISK	REQUEST_ID	REQUEST_ID
KCRT_FG_PROG_REFERENCE	REQUEST_ID	REQUEST_ID
KNTA_USER_SECURITY_INT	TRANSACTION_ID	TRANSACTION_ID
KWFL_STEP_TRANSITIONS_INT	TRANSACTION_ID	TRANSACTION_ID

Column Descriptions

Column Name	Null?	Data Type	Description
GROUP_ID	NOT NULL	NUMBER	System-generated identifier
TRANSACTION_ ID	NOT NULL	NUMBER	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update.
PARENT_ TRANSACTION_ ID	NOT NULL	NUMBER	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update.
REQUEST_ID	NULLABLE	NUMBER	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update.

Column Name	Null?	Data Type	Description
REQUEST_ TYPE_ID	NULLABLE	NUMBER	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update.

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_FG_CMQC_PROJ_ STAT_INT_N1	NONUNIQUE	1	GROUP_ID
KCRT_FG_CMQC_PROJ_ STAT_INT_N1	NONUNIQUE	2	TRANSACTION_ID

Sequences

This table does not use any Sequences.

KCRT_FG_CMQC_PROJECT_STATUS

This table stores CMQC Project Status requests. Every request that has CMQC Project Status Field Group is listed in this table.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_REQUEST_TYPES_NLS	REQUEST_TYPE_ID	REQUEST_TYPE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
REQUEST_ID	NOT NULL	NUMBER	System-generated identifier
REQUEST_TYPE_ID	NOT NULL	NUMBER	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_FG_CMQC_PROJ_STATUS_U1	UNIQUE	1	REQUEST_ID

Sequences

This table uses no sequences.

KCRT_FG_CMQC_QC_ADMIN

This table stores CMQC QC Administration requests. Every request that has the CMQC QC Administration Field Group is listed in this table.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_REQUEST_TYPES_NLS	REQUEST_TYPE_ID	REQUEST_TYPE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
REQUEST_ID	NOT NULL	NUMBER	System-generated identifier
REQUEST_TYPE_ID	NOT NULL	NUMBER	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_FG_CMQC_QC_ADMIN_U1	UNIQUE	1	REQUEST_ID

Sequences

This table uses no sequences.

KCRT_FG_CMQC_QC_ADMIN_INT

This table is used for importing CMQC QC Administration requests.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID
KNTA_USERS_INT	TRANSACTION_ID	TRANSACTION_ID
KCRT_FG_PROJ_RISK	REQUEST_ID	REQUEST_ID
KCRT_FG_IMPACT_ANALYSIS	REQUEST_ID	REQUEST_ID
KCRT_FG_QC_INFO	REQUEST_ID	REQUEST_ID
KCRT_FG_WORK_ITEMS	REQUEST_ID	REQUEST_ID
KCRT_FG_PROG_ RESOURCE_REQ	REQUEST_ID	REQUEST_ID
KCRT_FG_CMQC_TEST_ STATUS	REQUEST_ID	REQUEST_ID
KCRT_FG_PROG_RISK	REQUEST_ID	REQUEST_ID
KCRT_FG_PFM_ASSET	REQUEST_ID	REQUEST_ID
KWFL_TRANSACTIONS_INT	TRANSACTION_ID	TRANSACTION_ID
KCRT_TRANSACTIONS	TRANSACTION_ID	PARENT_TRANSACTION_ ID
KCRT_FG_CMQC_QC_ INSTANCE	REQUEST_ID	REQUEST_ID
KRSC_ORG_UNIT_ MEMBERS_INT	TRANSACTION_ID	TRANSACTION_ID
KCRT_REQUEST_TYPES_NLS	REQUEST_TYPE_ ID	REQUEST_TYPE_ID
KRSC_ORG_UNITS_INT	TRANSACTION_ID	TRANSACTION_ID
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_FG_CMQC_APP_ PROJECT	REQUEST_ID	REQUEST_ID
KCRT_FG_PROJ_ISSUE	REQUEST_ID	REQUEST_ID
KCRT_FG_PROJ_SCOPE_ CHANGE	REQUEST_ID	REQUEST_ID

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_FG_CMQC_TEST_PROJECT	REQUEST_ID	REQUEST_ID
KCRT_FG_PROG_REFERENCE	REQUEST_ID	REQUEST_ID
KCRT_FG_QC_DEFECT_INFO	REQUEST_ID	REQUEST_ID
KCRT_FG_SLA	REQUEST_ID	REQUEST_ID
KCRT_FG_CMQC_PROJECT_STATUS	REQUEST_ID	REQUEST_ID
KCRT_FG_MASTER_PROJ_REF	REQUEST_ID	REQUEST_ID
KCRT_FG_PFM_PROJECT	REQUEST_ID	REQUEST_ID
KCRT_FG_CMQC_QC_ADMIN	REQUEST_ID	REQUEST_ID
KCRT_FG_PROG_ISSUE	REQUEST_ID	REQUEST_ID
KWFL_STEP_TRANSITIONS_INT	TRANSACTION_ID	TRANSACTION_ID
KNTA_USER_SECURITY_INT	TRANSACTION_ID	TRANSACTION_ID
KCRT_FG_DEMAND_SCHEDULE	REQUEST_ID	REQUEST_ID
KCRT_FG_PFM_PROPOSAL	REQUEST_ID	REQUEST_ID
KCRT_FG_CMDB_APPLICATION	REQUEST_ID	REQUEST_ID

Column Descriptions

Column Name	Null?	Data Type	Description
GROUP_ID	NOT NULL	NUMBER	System-generated identifier
TRANSACTION_ID	NOT NULL	NUMBER	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update.

Column Name	Null?	Data Type	Description
PARENT_ TRANSACTION_ ID	NOT NULL	NUMBER	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update.
REQUEST_ID	NULLABLE	NUMBER	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update.
REQUEST_ TYPE_ID	NULLABLE	NUMBER	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update.

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_FG_CMQC_QC_ ADMIN_INT_N1	NONUNIQUE	1	GROUP_ID
KCRT_FG_CMQC_QC_ ADMIN_INT_N1	NONUNIQUE	2	TRANSACTION_ ID

Sequences

This table does not use any Sequences.

KCRT_FG_CMQC_QC_INSTANCE

This table stores CMQC QC Instance Registration requests. Every request that has the CMQC QC Instance Registration Field Group is listed in this table.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_REQUEST_TYPES_NLS	REQUEST_TYPE_ID	REQUEST_TYPE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
REQUEST_ID	NOT NULL	NUMBER	System-generated identifier
REQUEST_TYPE_ID	NOT NULL	NUMBER	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_FG_CMQC_QC_INSTANCE_U1	UNIQUE	1	REQUEST_ID

Sequences

This table uses no sequences.

KCRT_FG_CMQC_QC_INSTANCE_INT

This table is used for importing CMQC QC Instance Registration requests.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_FG_CMQC_TEST_STATUS	REQUEST_ID	REQUEST_ID
KCRT_FG_CMQC_QC_INSTANCE	REQUEST_ID	REQUEST_ID
KNTA_USERS_INT	TRANSACTION_ID	TRANSACTION_ID
KCRT_FG_PROG_REFERENCE	REQUEST_ID	REQUEST_ID
KCRT_FG_CMQC_APP_PROJECT	REQUEST_ID	REQUEST_ID
KRSC_ORG_UNITS_INT	TRANSACTION_ID	TRANSACTION_ID
KCRT_FG_PFM_PROPOSAL	REQUEST_ID	REQUEST_ID
KCRT_FG_PROJ_ISSUE	REQUEST_ID	REQUEST_ID
KCRT_FG_MASTER_PROJ_REF	REQUEST_ID	REQUEST_ID
KCRT_FG_PFM_PROJECT	REQUEST_ID	REQUEST_ID
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_FG_PROG_ISSUE	REQUEST_ID	REQUEST_ID
KCRT_FG_CMQC_QC_ADMIN	REQUEST_ID	REQUEST_ID
KCRT_FG_IMPACT_ANALYSIS	REQUEST_ID	REQUEST_ID
KCRT_FG_SLA	REQUEST_ID	REQUEST_ID
KCRT_FG_CMDB_APPLICATION	REQUEST_ID	REQUEST_ID
KCRT_FG_PROJ_SCOPE_ CHANGE	REQUEST_ID	REQUEST_ID
KCRT_FG_PROG_RISK	REQUEST_ID	REQUEST_ID
KRSC_ORG_UNIT_MEMBERS_INT	TRANSACTION_ID	TRANSACTION_ID
KNTA_USER_SECURITY_INT	TRANSACTION_ID	TRANSACTION_ID
KCRT_REQUEST_TYPES_NLS	REQUEST_TYPE_ID	REQUEST_TYPE_ ID
KCRT_FG_PFM_ASSET	REQUEST_ID	REQUEST_ID
KCRT_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID
KCRT_FG_CMQC_TEST_ PROJECT	REQUEST_ID	REQUEST_ID
KCRT_FG_DEMAND_SCHEDULE	REQUEST_ID	REQUEST_ID

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_FG_CMQC_PROJECT_STATUS	REQUEST_ID	REQUEST_ID
KCRT_FG_PROJ_RISK	REQUEST_ID	REQUEST_ID
KCRT_TRANSACTIONS	TRANSACTION_ID	PARENT_TRANSACTION_ID
KCRT_FG_WORK_ITEMS	REQUEST_ID	REQUEST_ID
KCRT_FG_QC_DEFECT_INFO	REQUEST_ID	REQUEST_ID
KCRT_FG_PROG_RESOURCE_REQ	REQUEST_ID	REQUEST_ID
KWFL_TRANSACTIONS_INT	TRANSACTION_ID	TRANSACTION_ID
KCRT_FG_QC_INFO	REQUEST_ID	REQUEST_ID
KWFL_STEP_TRANSITIONS_INT	TRANSACTION_ID	TRANSACTION_ID

Column Descriptions

Column Name	Null?	Data Type	Description
GROUP_ID	NOT NULL	NUMBER	System-generated identifier
TRANSACTION_ID	NOT NULL	NUMBER	This column is for the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context. after update.
PARENT_TRANSACTION_ID	NOT NULL	NUMBER	
REQUEST_ID	NULLABLE	NUMBER	
REQUEST_TYPE_ID	NULLABLE	NUMBER	

Indexes

This table does not use any Indexes.

Sequences

This table does not use any Sequences.

KCRT_FG_CMQC_TEST_PROJECT

This table stores CMQC QA Testing Projects. Every project that has the CMQC QA Testing Project Group is listed in this table.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_REQUEST_TYPES_NLS	REQUEST_TYPE_ID	REQUEST_TYPE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
REQUEST_ID	NOT NULL	NUMBER	System-generated identifier
REQUEST_TYPE_ID	NOT NULL	NUMBER	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_FG_CMQC_TEST_PROJECT_U1	UNIQUE	1	REQUEST_ID

Sequences

This table uses no sequences.

KCRT_FG_CMQC_TEST_PROJECT_INT

This table is used for importing CMQC QA Testing Projects.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KWFL_TRANSACTIONS_INT	TRANSACTION_ID	TRANSACTION_ID
KCRT_FG_MASTER_PROJ_REF	REQUEST_ID	REQUEST_ID
KNTA_USERS_INT	TRANSACTION_ID	TRANSACTION_ID
KCRT_FG_CMQC_QC_INSTANCE	REQUEST_ID	REQUEST_ID
KCRT_FG_CMQC_PROJECT_ STATUS	REQUEST_ID	REQUEST_ID
KCRT_FG_SLA	REQUEST_ID	REQUEST_ID
KCRT_FG_CMQC_TEST_ PROJECT	REQUEST_ID	REQUEST_ID
KCRT_FG_PROG_RESOURCE_ REQ	REQUEST_ID	REQUEST_ID
KCRT_FG_PROG_ISSUE	REQUEST_ID	REQUEST_ID
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KRSC_ORG_UNIT_MEMBERS_INT	TRANSACTION_ID	TRANSACTION_ID
KCRT_TRANSACTIONS	TRANSACTION_ID	PARENT_ TRANSACTION_ID
KRSC_ORG_UNITS_INT	TRANSACTION_ID	TRANSACTION_ID
KNTA_USER_SECURITY_INT	TRANSACTION_ID	TRANSACTION_ID
KCRT_FG_IMPACT_ANALYSIS	REQUEST_ID	REQUEST_ID
KCRT_FG_CMQC_APP_PROJECT	REQUEST_ID	REQUEST_ID
KCRT_FG_CMQC_QC_ADMIN	REQUEST_ID	REQUEST_ID
KCRT_FG_CMQC_TEST_STATUS	REQUEST_ID	REQUEST_ID
KCRT_FG_PROJ_SCOPE_ CHANGE	REQUEST_ID	REQUEST_ID
KCRT_FG_PFM_PROJECT	REQUEST_ID	REQUEST_ID
KCRT_FG_DEMAND_SCHEDULE	REQUEST_ID	REQUEST_ID
KCRT_REQUEST_TYPES_NLS	REQUEST_TYPE_ID	REQUEST_TYPE_ID
KCRT_FG_QC_INFO	REQUEST_ID	REQUEST_ID
KCRT_FG_PROG_RISK	REQUEST_ID	REQUEST_ID

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_FG_PROJ_RISK	REQUEST_ID	REQUEST_ID
KCRT_FG_PFM_PROPOSAL	REQUEST_ID	REQUEST_ID
KCRT_FG_WORK_ITEMS	REQUEST_ID	REQUEST_ID
KCRT_FG_QC_DEFECT_INFO	REQUEST_ID	REQUEST_ID
KCRT_FG_PFM_ASSET	REQUEST_ID	REQUEST_ID
KCRT_FG_PROG_REFERENCE	REQUEST_ID	REQUEST_ID
KWFL_STEP_TRANSITIONS_INT	TRANSACTION_ID	TRANSACTION_ID
KCRT_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID
KCRT_FG_CMDB_APPLICATION	REQUEST_ID	REQUEST_ID
KCRT_FG_PROJ_ISSUE	REQUEST_ID	REQUEST_ID

Column Descriptions

Column Name	Null?	Data Type	Description
GROUP_ID	NOT NULL	NUMBER	System-generated identifier
TRANSACTION_ID	NOT NULL	NUMBER	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update
PARENT_ TRANSACTION_ID	NOT NULL	NUMBER	
REQUEST_ID	NULLABLE	NUMBER	
REQUEST_TYPE_ID	NULLABLE	NUMBER	

Indexes

This table does not use any Indexes.

Sequences

This table does not use any Sequences.

KCRT_FG_CMQC_TEST_STATUS

This table stores CMQC QA Test Status Report requests. Every request that has CMQC QA Test Status Field Group is listed in this table.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_REQUEST_TYPES_NLS	REQUEST_TYPE_ID	REQUEST_TYPE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
REQUEST_ID	NOT NULL	NUMBER	System-generated identifier
REQUEST_TYPE_ID	NOT NULL	NUMBER	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_FG_CMQC_TEST_STATUS_U1	UNIQUE	1	REQUEST_ID

Sequences

This table uses no sequences.

KCRT_FG_CMQC_TEST_STATUS_INT

This table is used for importing CMQC QA Test Status report requests.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_FG_DEMAND_SCHEDULE	REQUEST_ID	REQUEST_ID
KWFL_STEP_TRANSITIONS_INT	TRANSACTION_ID	TRANSACTION_ID
KCRT_FG_PROG_REFERENCE	REQUEST_ID	REQUEST_ID
KCRT_FG_WORK_ITEMS	REQUEST_ID	REQUEST_ID
KCRT_FG_PROJ_SCOPE_CHANGE	REQUEST_ID	REQUEST_ID
KCRT_FG_PFM_PROPOSAL	REQUEST_ID	REQUEST_ID
KCRT_FG_CMQC_QC_INSTANCE	REQUEST_ID	REQUEST_ID
KRSC_ORG_UNITS_INT	TRANSACTION_ID	TRANSACTION_ID
KCRT_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID
KNTA_USERS_INT	TRANSACTION_ID	TRANSACTION_ID
KCRT_FG_PROG_RISK	REQUEST_ID	REQUEST_ID
KCRT_FG_CMQC_TEST_STATUS	REQUEST_ID	REQUEST_ID
KCRT_FG_CMQC_APP_PROJECT	REQUEST_ID	REQUEST_ID
KNTA_USER_SECURITY_INT	TRANSACTION_ID	TRANSACTION_ID
KCRT_FG_CMDB_APPLICATION	REQUEST_ID	REQUEST_ID
KCRT_FG_QC_DEFECT_INFO	REQUEST_ID	REQUEST_ID
KWFL_TRANSACTIONS_INT	TRANSACTION_ID	TRANSACTION_ID
KCRT_FG_PROG_ISSUE	REQUEST_ID	REQUEST_ID
KCRT_FG_CMQC_PROJECT_ STATUS	REQUEST_ID	REQUEST_ID
KCRT_FG_PFM_PROJECT	REQUEST_ID	REQUEST_ID
KCRT_FG_PROJ_ISSUE	REQUEST_ID	REQUEST_ID
KCRT_REQUEST_TYPES_NLS	REQUEST_TYPE_ID	REQUEST_TYPE_ID
KCRT_FG_CMQC_TEST_PROJECT	REQUEST_ID	REQUEST_ID
KCRT_FG_IMPACT_ANALYSIS	REQUEST_ID	REQUEST_ID
KCRT_FG_SLA	REQUEST_ID	REQUEST_ID
KCRT_FG_PROG_RESOURCE_REQ	REQUEST_ID	REQUEST_ID
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_FG_QC_INFO	REQUEST_ID	REQUEST_ID
KCRT_TRANSACTIONS	TRANSACTION_ID	PARENT_ TRANSACTION_ID
KCRT_FG_PFM_ASSET	REQUEST_ID	REQUEST_ID
KCRT_FG_PROJ_RISK	REQUEST_ID	REQUEST_ID
KCRT_FG_CMQC_QC_ADMIN	REQUEST_ID	REQUEST_ID
KRSC_ORG_UNIT_MEMBERS_INT	TRANSACTION_ID	TRANSACTION_ID
KCRT_FG_MASTER_PROJ_REF	REQUEST_ID	REQUEST_ID

Column Descriptions

Column Name	Null?	Data Type	Description
GROUP_ID	NOT NULL	NUMBER	System-generated identifier
TRANSACTION_ID	NOT NULL	NUMBER	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update
PARENT_ TRANSACTION_ID	NOT NULL	NUMBER	
REQUEST_ID	NULLABLE	NUMBER	
REQUEST_TYPE_ID	NULLABLE	NUMBER	

Indexes

This table does not use any Indexes.

Sequences

This table does not use any Sequences.

KCRT_FG_DEMAND_SCHEDULE

This table stores the HP Demand Management scheduling data for requests. If the HP Demand Management Scheduling field group is linked to a request's request header type, a row will exist in this table for the request.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_REQUEST_TYPES_NLS	REQUEST_TYPE_ID	REQUEST_TYPE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
REQUEST_ID	NOT NULL	NUMBER	Request identifier
REQUEST_TYPE_ID	NOT NULL	NUMBER	Request type used by the request
SCHEDULE_DATE	NULLABLE	DATE	Date that the demand was scheduled
REJECT_DATE	NULLABLE	DATE	Date that the demand was rejected
EFFORT	NULLABLE	NUMBER	Effort associated with the satisfied demand in hours
DEMAND_SATISFIED_DATE	NULLABLE	DATE	Date that the demand was satisfied

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_FG_DEMAND_SCHEDULE_U1	NONUNIQUE	1	REQUEST_ID

Sequences

This table uses no sequences.

KCRT_FG_DEMAND_SCHEDULE_INT

This is a child table of the KCRT_REQUESTS_INT table. It is used to import data into the KCRT_FG_DEMAND_SCHEDULE table. This table will be processed through the Java report that calls a PL/SQL package that can be run either from the command line or through the report job scheduler. This allows the user to immediately run the interface but also allows for scheduled processing. The PL/SQL package queries this table, validates against appropriate tables and imports into the production tables. It can also release the request, depending on its status, by calling the Workflow APIs.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_REQUESTS_INT	TRANSACTION_ID	PARENT_ TRANSACTION_ID
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_REQUEST_ TYPES_NLS	REQUEST_TYPE_ID	REQUEST_TYPE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
GROUP_ID	NOT NULL	NUMBER	Value used to tie records in the interface tables together. Most of the database processing is done based on this value. The value must be the same as the parent's GROUP_ID in the KCRT_REQUESTS_INT table.
TRANSACTION_ ID	NOT NULL	NUMBER	System-generated record identifier
PARENT_ TRANSACTION_ ID	NOT NULL	NUMBER	Links this table to TRANSACTION_ID in the KCRT_REQUESTS_INT
REQUEST_ID	NULLABLE	NUMBER	Refers to the REQUEST_ID in KCRT_REQUESTS table
REQUEST_ TYPE_ID	NULLABLE	NUMBER	Request type ID used by this request

Column Name	Null?	Data Type	Description
SCHEDULE_ DATE	NULLABLE	DATE	Date that the demand was scheduled
REJECT_DATE	NULLABLE	DATE	Date that the demand was rejected
EFFORT	NULLABLE	NUMBER	Effort associated with the satisfied demand in hours
DEMAND_ SATISFIED_DATE	NULLABLE	DATE	Date that the demand was satisfied

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_FG_DEMAND_ SCHEDULE_INT_N1	NONUNIQUE	1	GROUP_ID
KCRT_FG_DEMAND_ SCHEDULE_INT_N1	NONUNIQUE	2	TRANSACTION_ID

Sequences

This table uses no sequences.

KCRT_FG_IMPACT_ANALYSIS

This table stores the results of the Universal Configuration Management Database (uCMDB) impact analysis report.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_ REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_ REQUEST_ TYPES_NLS	REQUEST_TYPE_ID	REQUEST_TYPE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
REQUEST_ID	NOT NULL	NUMBER	System-generated identifier
REQUEST_TYPE_ID	NOT NULL	NUMBER	Request type ID of this request
MAM_RFC_ID	NULLABLE	VARCHAR2(64)	uCMDB RFC identifier
IMPACT_RESULT_ VALUE	NULLABLE	NUMBER	uCMDB Impact Result Value
IMPACT_RESULT_ MEANING	NULLABLE	VARCHAR2(20)	uCMDB Impact Result Meaning

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_FG_IMPACT_ ANALYSIS_U1	UNIQUE	1	REQUEST_ID

Sequences

This table uses no sequences.

KCRT_FG_IMPACT_ANALYSIS_INT

This table is used for importing uCMDB-integrated requests.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_REQUESTS_INT	TRANSACTION_ID	PARENT_TRANSACTION_ID
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_REQUEST_TYPES_NLS	REQUEST_TYPE_ID	REQUEST_TYPE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
GROUP_ID	NULLABLE	NUMBER	System-generated identifier
TRANSACTION_ID	NULLABLE	NUMBER	Provides a unique identifier for each transaction
PARENT_TRANSACTION_ID	NULLABLE	NUMBER	Provides the transaction ID (from KCRT_REQUESTS_INT) of the parent table being imported
REQUEST_ID	NOT NULL	NUMBER	Identifies the request. This is normally left blank and is derived from the KCRT_REQUESTS_S sequence
REQUEST_TYPE_ID	NOT NULL	NUMBER	Identifies the request type. This is normally left blank and is derived from REQUEST_TYPE_NAME
MAM_RFC_ID	NULLABLE	VARCHAR2(64)	uCMDB RFC identifier
IMPACT_RESULT_VALUE	NULLABLE	NUMBER	uCMDB Impact analysis result
IMPACT_RESULT_MEANING	NULLABLE	VARCHAR2(20)	uCMDB Impact analysis result meaning

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_FG_IMPACT_ANALYSIS_INT_N1	NONUNIQUE	1	GROUP_ID
KCRT_FG_IMPACT_ANALYSIS_INT_N1	NONUNIQUE	2	TRANSACTION_ID

Sequences

This table uses no sequences.

KCRT_FG_MASTER_PROJ_REF

If the **Master Project Reference** field on Request field group is linked to a request's request header type, a row will exist in this table for the request.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_REQUEST_TYPES_NLS	REQUEST_TYPE_ID	REQUEST_TYPE_ID
PM_PROJECTS	PROJECT_ID	REF_MASTER_PROJECT_ID

Column Descriptions

Column Name	Null?	Data Type	Description
REQUEST_ID	NOT NULL	NUMBER	Request identifier
REQUEST_TYPE_ID	NOT NULL	NUMBER	Request type used by the request
REF_MASTER_PROJECT_ID	NULLABLE	NUMBER	If a value is supplied, automatically creates a reference to the specified master project. If supplied, must also specify REF_MASTER_PROJECT_NAME.
REF_MASTER_PROJECT_NAME	NULLABLE	VARCHAR2(300)	If a value is supplied, automatically creates a reference to the specified master project. If supplied, must also specify REF_MASTER_PROJECT_ID.

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_FG_MASTER_PROJ_REF_U1	UNIQUE	1	REQUEST_ID

Sequences

This table uses no sequences.

KCRT_FG_MASTER_PROJ_REF_INT

This is a child table of the KCRT_REQUESTS_INT table. It is used to import data into the KCRT_FG_MASTER_PROJ_REF table. This table will be processed through the java report that calls a PL/SQL package that can be run either from the command line or through the report job scheduler. This allows the user to immediately run the interface but also allows for scheduled processing. The PL/SQL package queries this table, validates against appropriate tables and imports into the production tables. It can also release the request depending on its status by calling the workflow APIs.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PM_PROJECTS	PROJECT_ID	REF_MASTER_ PROJECT_ID
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_REQUEST_ TYPES_NLS	REQUEST_TYPE_ID	REQUEST_TYPE_ID
KCRT_REQUESTS_INT	TRANSACTION_ID	PARENT_ TRANSACTION_ID

Column Descriptions

Column Name	Null?	Data Type	Description
GROUP_ID	NOT NULL	NUMBER	value used to tie records in the interface tables together. Most of the database processing is done based on this value. The value must be the same as the parent's group_ID in the KCRT_ REQUESTS_INT table.
TRANSACTION_ ID	NOT NULL	NUMBER	System-generated record identifier
PARENT_ TRANSACTION_ ID	NOT NULL	NUMBER	Links this table to TRANSACTION_ID in KCRT_REQUESTS_INT

Column Name	Null?	Data Type	Description
REQUEST_ID	NULLABLE	NUMBER	Refers to the request_id in KCRT_REQUESTS table
REQUEST_ TYPE_ID	NULLABLE	NUMBER	Request type ID used by this request
REF_MASTER_ PROJECT_ID	NULLABLE	NUMBER	If a value is supplied, automatically creates a reference to the specified master project. If supplied, must also specify REF_ MASTER_PROJECT_ NAME.
REF_MASTER_ PROJECT_NAME	NULLABLE	VARCHAR2(80)	If a value is supplied, automatically creates a reference to the specified master project. If supplied, must also specify REF_ MASTER_PROJECT_ID.

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_FG_ MASTER_PROJ_ REF_INT_N1	NONUNIQUE	1	GROUP_ID
KCRT_FG_ MASTER_PROJ_ REF_INT_N1	NONUNIQUE	2	TRANSACTION_ ID

Sequences

This table uses no sequences.

KCRT_FG_PFM_ASSET

This table stores PFM asset.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KPMO_BUSINESS_ OBJECTIVES_NLS	BUSINESS_ OBJECTIVE_ID	ASSET_BUSINESS_ OBJECTIVE_ID
PM_PROJECTS	PROJECT_ID	ASSET_PROJECT_ID
RSC_STAFFING_ PROFILES	STAFFING_PROFILE_ID	ASSET_STAFF_PROF_ID
KCRT_REQUEST_ TYPES_NLS	REQUEST_TYPE_ID	REQUEST_TYPE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
REQUEST_ID	NOT NULL	NUMBER	Request ID of the PFM asset
REQUEST_TYPE_ID	NOT NULL	NUMBER	Request type ID
ASSET_NAME	NOT NULL	VARCHAR2(300)	Name for the Asset
ASSET_HEALTH_CODE	NULLABLE	VARCHAR2(30)	Health information for asset
ASSET_HEALTH_ MEANING	NULLABLE	VARCHAR2(80)	Health meaning for asset
ASSET_BUSINESS_ UNIT_CODE	NULLABLE	VARCHAR2(30)	Business unit code for asset
ASSET_BUSINESS_ UNIT_MEANING	NULLABLE	VARCHAR2(80)	Business unit Meaning for asset
ASSET_BUSINESS_ OBJECTIVE_ID	NULLABLE	NUMBER	Business objective ID for asset
ASSET_BUSINESS_ OBJECTIVE_NAME	NULLABLE	VARCHAR2(80)	Business objective name for asset
ASSET_PROJECT_ CLASS_CODE	NULLABLE	VARCHAR2(30)	Project class code for asset
ASSET_PROJECT_ CLASS_MEANING	NULLABLE	VARCHAR2(80)	Project class meaning for asset

Column Name	Null?	Data Type	Description
ASSET_ASSET_CLASS_CODE	NULLABLE	VARCHAR2(30)	Asset class code for asset
ASSET_ASSET_CLASS_MEANING	NULLABLE	VARCHAR2(80)	Asset class meaning for asset
ASSET_PROJECT_ID	NULLABLE	NUMBER	Project ID for asset
ASSET_PROJECT_NAME	NULLABLE	VARCHAR2(300)	Project name for asset
ASSET_PROJECT_URL	NULLABLE	VARCHAR2(250)	Project URL for asset
ASSET_STAFF_PROF_ID	NULLABLE	NUMBER	Staffing profile ID for asset
ASSET_STAFF_PROF_NAME	NULLABLE	VARCHAR2(300)	Staffing profile name for asset
ASSET_RETURN_ON_INVESTMENT	NULLABLE	NUMBER	ROI for asset
ASSET_NET_PRESENT_VALUE	NULLABLE	NUMBER	NPV for asset
ASSET_CUSTOM_FIELD_VALUE	NULLABLE	NUMBER	Custom financial metric value for asset
ASSET_VALUE_RATING	NULLABLE	NUMBER	Value for score of score domain "Value"
ASSET_RISK_RATING	NULLABLE	NUMBER	Value for score of score domain "Risk"
ASSET_TOTAL_SCORE	NULLABLE	NUMBER	Total score for asset
ASSET_DISCOUNT_RATE	NULLABLE	NUMBER	Discount rate for asset
ASSET_DEPENDENCIES_CODE	NULLABLE	VARCHAR2(500)	Asset dependency code for asset
ASSET_DEPENDENCIES_MEANING	NULLABLE	VARCHAR2(2000)	Asset dependency meaning for asset
ASSET_PROJECT_MANAGER_USER_ID	NULLABLE	VARCHAR2(4000)	User ID for asset project manager
ASSET_PROJECT_MANAGER_USERNAME	NULLABLE	VARCHAR2(4000)	User name for asset project manager
ASSET_REGION_ID	NULLABLE	NUMBER	Region ID for asset
ASSET_REGION_NAME	NULLABLE	VARCHAR2(1500)	Region name for asset

Column Name	Null?	Data Type	Description
ASSET_BENEFIT_ MANAGER_USER_ID	NULLABLE	VARCHAR2(4000)	Benefit manager user ID for the asset
ASSET_BENEFIT_ MANAGER_USERNAME	NULLABLE	VARCHAR2(4000)	Benefit manager name for the asset
ASSET_FINANCIAL_ SUMMARY_NAME	NULLABLE	VARCHAR2(1500)	Financial summary ID for the asset
ASSET_FINANCIAL_ SUMMARY_ID	NULLABLE	NUMBER	Financial summary name for the asset
ASSET_PORTFOLIO_ID	NULLABLE	NUMBER	Portfolio ID for the asset
ASSET_PORTFOLIO_ NAME	NULLABLE	VARCHAR2(1500)	Portfolio name for the asset
ASSET_PROGRAM_ID	NULLABLE	VARCHAR2(4000)	Ids of the programs containing this asset
ASSET_PROGRAM_ NAME	NULLABLE	VARCHAR2(4000)	Names of the programs containing this asset

Indexes

This table uses no indexes.

Sequences

This table uses no sequences.

KCRT_FG_PFM_ASSET_INT

This table stores information for importing HP Portfolio Management assets into the KCRT_FG_PFM_ASSET table.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KPMO_BUSINESS_ OBJECTIVES_NLS	BUSINESS_ OBJECTIVE_ID	ASSET_BUSINESS_ OBJECTIVE_ID
PM_PROJECTS	PROJECT_ID	ASSET_PROJECT_ID
RSC_STAFFING_ PROFILES	STAFFING_PROFILE_ID	ASSET_STAFF_PROF_ ID
KCRT_REQUEST_ TYPES_NLS	REQUEST_TYPE_ID	REQUEST_TYPE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
PFM_ASSET_ INTERFACE_ID	NULLABLE	NUMBER	System-generated identifier
GROUP_ID	NOT NULL	NUMBER	DB Transaction group ID
TRANSACTION_ID	NOT NULL	NUMBER	Transaction ID
PARENT_ TRANSACTION_ID	NOT NULL	NUMBER	Parent transaction ID. This is usually request transaction ID.
PROCESS_PHASE	NULLABLE	NUMBER	Processing phase
PROCESS_STATUS	NULLABLE	NUMBER	Processing status.
REQUEST_ID	NULLABLE	NUMBER	Request ID of the PFM asset
REQUEST_TYPE_ID	NULLABLE	NUMBER	Request type ID
ASSET_NAME	NULLABLE	VARCHAR2(300)	Name of the asset
ASSET_HEALTH_CODE	NULLABLE	VARCHAR2(30)	Health information for asset
ASSET_HEALTH_ MEANING	NULLABLE	VARCHAR2(80)	Health meaning for asset

Column Name	Null?	Data Type	Description
ASSET_BUSINESS_UNIT_CODE	NULLABLE	VARCHAR2(30)	Business unit code for asset
ASSET_BUSINESS_UNIT_MEANING	NULLABLE	VARCHAR2(80)	Business unit meaning for asset
ASSET_BUSINESS_OBJECTIVE_ID	NULLABLE	NUMBER	Business objective ID for asset
ASSET_BUSINESS_OBJECTIVE_NAME	NULLABLE	VARCHAR2(80)	Business objective name for asset
ASSET_PROJECT_CLASS_CODE	NULLABLE	VARCHAR2(30)	Project class code for asset
ASSET_PROJECT_CLASS_MEANING	NULLABLE	VARCHAR2(80)	Project class meaning for asset
ASSET_ASSET_CLASS_CODE	NULLABLE	VARCHAR2(30)	Asset class code for asset
ASSET_ASSET_CLASS_MEANING	NULLABLE	VARCHAR2(80)	Asset class meaning for asset
ASSET_PROJECT_ID	NULLABLE	NUMBER	Project ID for asset
ASSET_PROJECT_NAME	NULLABLE	VARCHAR2(300)	Project name for asset
ASSET_PROJECT_URL	NULLABLE	VARCHAR2(250)	Project URL for asset
ASSET_STAFF_PROF_ID	NULLABLE	NUMBER	Staffing profile ID for asset
ASSET_STAFF_PROF_NAME	NULLABLE	VARCHAR2(300)	Staffing profile name for asset
ASSET_RETURN_ON_INVESTMENT	NULLABLE	NUMBER	ROI for asset
ASSET_NET_PRESENT_VALUE	NULLABLE	NUMBER	NPV for asset
ASSET_CUSTOM_FIELD_VALUE	NULLABLE	NUMBER	Custom financial metric value for asset
ASSET_VALUE_RATING	NULLABLE	NUMBER	Value for score of score domain "Value"
ASSET_RISK_RATING	NULLABLE	NUMBER	Value for score of score domain "Risk"
ASSET_TOTAL_SCORE	NULLABLE	NUMBER	Total score for asset
ASSET_DISCOUNT_RATE	NULLABLE	NUMBER	Discount rate for asset

Column Name	Null?	Data Type	Description
ASSET_BENEFIT_ MANAGER_USER_ID	NULLABLE	VARCHAR2(4000)	Benefit manager ID for the asset
ASSET_BENEFIT_ MANAGER_USERNAME	NULLABLE	VARCHAR2(4000)	Benefit manager name for the asset
ASSET_FINANCIAL_ SUMMARY_NAME	NULLABLE	VARCHAR2(1500)	
ASSET_FINANCIAL_ SUMMARY_ID	NULLABLE	NUMBER	
ASSET_PROJECT_ MANAGER_USER_ID	NULLABLE	VARCHAR2(4000)	
ASSET_PROJECT_ MANAGER_USERNAME	NULLABLE	VARCHAR2(4000)	
ASSET_REGION_ID	NULLABLE	NUMBER	
ASSET_REGION_NAME	NULLABLE	VARCHAR2(1500)	
ASSET_ DEPENDENCIES_CODE	NULLABLE	VARCHAR2(500)	
ASSET_ DEPENDENCIES_ MEANING	NULLABLE	VARCHAR2(2000)	
ASSET_PORTFOLIO_ID	NULLABLE	NUMBER	
ASSET_PORTFOLIO_ NAME	NULLABLE	VARCHAR2(1500)	
ASSET_PROGRAM_ID	NULLABLE	VARCHAR2(4000)	
ASSET_PROGRAM_ NAME	NULLABLE	VARCHAR2(4000)	

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_FG_PFM_ASSET_INT_N1	NONUNIQUE	1	GROUP_ID
KCRT_FG_PFM_ASSET_INT_N1	NONUNIQUE	2	TRANSACTION_ID
KCRT_FG_PFM_ASSET_INT_N2	NONUNIQUE	1	REQUEST_ID

Sequences

This table uses no sequences.

KCRT_FG_PFM_PROJECT

This table stores HP Portfolio Management projects.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KPMO_BUSINESS_ OBJECTIVES_NLS	BUSINESS_ OBJECTIVE_ID	PRJ_BUSINESS_ OBJECTIVE_ID
PPM_FISCAL_PERIODS_ NLS	FISCAL_PERIOD_ID	PRJ_PLAN_FINISH_ PERIOD_ID
PPM_FISCAL_PERIODS_ NLS	FISCAL_PERIOD_ID	PRJ_PLAN_START_ PERIOD_ID
PM_PROJECTS	PROJECT_ID	PRJ_PROJECT_ID
KNTA_USERS	USER_ID	PRJ_PROJECT_ MANAGER_USER_ID
RSC_STAFFING_ PROFILES	STAFFING_PROFILE_ID	PRJ_STAFF_PROF_ID
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_REQUEST_ TYPES_NLS	REQUEST_TYPE_ID	REQUEST_TYPE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
REQUEST_ID	NOT NULL	NUMBER	Request ID of HP Portfolio Management projects
REQUEST_TYPE_ID	NOT NULL	NUMBER	Request type ID
PROJECT_NAME	NOT NULL	VARCHAR2(300)	Project name
PROJECT_HEALTH_ CODE	NULLABLE	VARCHAR2(30)	Project health info code
PROJECT_HEALTH_ MEANING	NULLABLE	VARCHAR2(80)	Project health info meaning
PRJ_BUSINESS_ UNIT_CODE	NULLABLE	VARCHAR2(30)	Business unit code of the project
PRJ_BUSINESS_ UNIT_MEANING	NULLABLE	VARCHAR2(80)	Business unit meaning of the project

Column Name	Null?	Data Type	Description
PRJ_BUSINESS_ OBJECTIVE_ID	NULLABLE	NUMBER	Business objective ID of the project
PRJ_BUSINESS_ OBJECTIVE_NAME	NULLABLE	VARCHAR2(80)	Business objective name of the project
PRJ_PROJECT_ CLASS_CODE	NULLABLE	VARCHAR2(30)	Project class code of the project
PRJ_PROJECT_ CLASS_MEANING	NULLABLE	VARCHAR2(80)	Project class meaning of the project
PRJ_ASSET_CLASS_ CODE	NULLABLE	VARCHAR2(30)	Asset class code of the project
PRJ_ASSET_CLASS_ MEANING	NULLABLE	VARCHAR2(80)	Asset class meaning of the project
PRJ_PROJECT_ MANAGER_USER_ID	NULLABLE	VARCHAR2(4000)	Project manager for HP Portfolio Management project
PRJ_PROJECT_ MANAGER_ USERNAME	NULLABLE	VARCHAR2(4000)	Project manager username for HP Portfolio Management project
PRJ_PROJECT_ID	NULLABLE	NUMBER	Project ID for HP Portfolio Management project
PRJ_PROJECT_ NAME	NULLABLE	VARCHAR2(300)	Project name for HP Portfolio Management project
PRJ_PROJECT_URL	NULLABLE	VARCHAR2(250)	Project URL for HP Portfolio Management project
PRJ_STAFF_PROF_ ID	NULLABLE	NUMBER	Staffing profile ID of the project
PRJ_STAFF_PROF_ NAME	NULLABLE	VARCHAR2(300)	Staffing profile name of the project
PRJ_RETURN_ON_ INVESTMENT	NULLABLE	NUMBER	ROI of the project
PRJ_NET_ PRESENT_VALUE	NULLABLE	NUMBER	NPV of the project
PRJ_CUSTOM_ FIELD_VALUE	NULLABLE	NUMBER	Financial metric of the project

Column Name	Null?	Data Type	Description
PRJ_VALUE_RATING	NULLABLE	NUMBER	Score for score domain "Value"
PRJ_RISK_RATING	NULLABLE	NUMBER	Score for score domain "Risk"
PRJ_TOTAL_SCORE	NULLABLE	NUMBER	Total score
PRJ_DISCOUNT_ RATE	NULLABLE	NUMBER	Discount rate of the project
PRJ_PLAN_START_ PERIOD_ID	NULLABLE	NUMBER	Period ID of the planned start date for the project
PRJ_PLAN_FINISH_ PERIOD_ID	NULLABLE	NUMBER	Period ID of the planned finish date for the project
PRJ_PLAN_START_ PERIOD_NAME	NULLABLE	VARCHAR2(100)	Period name of the planned start date for the project
PRJ_PLAN_FINISH_ PERIOD_NAME	NULLABLE	VARCHAR2(100)	Period name of the planned finish date for the project
PRJ_ DEPENDENCIES_ CODE	NULLABLE	VARCHAR2(500)	Dependency code for HP Portfolio Management project
PRJ_ DEPENDENCIES_ MEANING	NULLABLE	VARCHAR2(2000)	Dependency meaning for HP Portfolio Management project
PRJ_PHASE_CODE	NULLABLE	VARCHAR2(40)	Project phase code for HP Portfolio Management project
PRJ_PHASE_ MEANING	NULLABLE	VARCHAR2(150)	Project phase meaning for HP Portfolio Management project
PRJ_BENEFIT_ MANAGER_USER_ID	NULLABLE	VARCHAR2(4000)	Benefit Manager ID for the project
PRJ_BENEFIT_ MANAGER_ USERNAME	NULLABLE	VARCHAR2(4000)	Benefit manager name for the project
PRJ_FINANCIAL_ SUMMARY_NAME	NULLABLE	VARCHAR2(1500)	Financial summary ID
PRJ_FINANCIAL_ SUMMARY_ID	NULLABLE	NUMBER	Financial summary name

Column Name	Null?	Data Type	Description
PRJ_PORTFOLIO_ID	NULLABLE	NUMBER	Portfolio ID for the project
PRJ_PORTFOLIO_ NAME	NULLABLE	VARCHAR2(1500)	Portfolio name for the project
PRJ_PROGRAM_ID	NULLABLE	VARCHAR2(4000)	Ids of the programs containing this project
PRJ_PROGRAM_ NAME	NULLABLE	VARCHAR2(4000)	Names of the programs containing this project

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_FG_PFM_ PROJECT_N1	NONUNIQUE	1	PRJ_BUSINESS_ OBJECTIVE_ID
KCRT_FG_PFM_ PROJECT_U1	UNIQUE	1	REQUEST_ID
KCRT_FG_PFM_ PROJECT_U2	UNIQUE	1	PRJ_FINANCIAL_ SUMMARY_ID
KCRT_FG_PFM_ PROJECT_U3	UNIQUE	1	PRJ_STAFF_PROF_ID

Sequences

This table uses no sequences.

KCRT_FG_PFM_PROJECT_INT

This table is used for importing PFM projects into the KCRT_FG_PFM_PROJECT table.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KPMO_BUSINESS_OBJECTIVES_NLS	BUSINESS_OBJECTIVE_ID	PRJ_BUSINESS_OBJECTIVE_ID
PPM_FISCAL_PERIODS_NLS	FISCAL_PERIOD_ID	PRJ_PLAN_FINISH_PERIOD_ID
PPM_FISCAL_PERIODS_NLS	FISCAL_PERIOD_ID	PRJ_PLAN_START_PERIOD_ID
PM_PROJECTS	PROJECT_ID	PRJ_PROJECT_ID
KNTA_USERS	USER_ID	PRJ_PROJECT_MANAGER_USER_ID
RSC_STAFFING_PROFILES	STAFFING_PROFILE_ID	PRJ_STAFF_PROF_ID
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_REQUEST_TYPES_NLS	REQUEST_TYPE_ID	REQUEST_TYPE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
PFM_PROJECT_INTERFACE_ID	NULLABLE	NUMBER	System-generated identifier
GROUP_ID	NOT NULL	NUMBER	DB Transaction group ID.
TRANSACTION_ID	NOT NULL	NUMBER	Transaction ID
PARENT_TRANSACTION_ID	NOT NULL	NUMBER	Parent transaction ID. This is usually request transaction ID.
PROCESS_PHASE	NULLABLE	NUMBER	Processing phase
PROCESS_STATUS	NULLABLE	NUMBER	Processing status.
REQUEST_ID	NULLABLE	NUMBER	Request ID for PFM Project
REQUEST_TYPE_ID	NULLABLE	NUMBER	Request Type ID

Column Name	Null?	Data Type	Description
PROJECT_NAME	NULLABLE	VARCHAR2(300)	Project name
PROJECT_HEALTH_CODE	NULLABLE	VARCHAR2(30)	Project health information code, derived from PRJ_CALCULATED_HEALTH_CODE and PRJ_OVERRIDDEN_HEALTH_CODE.
PROJECT_HEALTH_MEANING	NULLABLE	VARCHAR2(80)	Project health information meaning, derived from PRJ_CALCULATED_HEALTH_MEANING and PRJ_OVERRIDDEN_HEALTH_MEANING.
PRJ_BUSINESS_UNIT_CODE	NULLABLE	VARCHAR2(30)	Business unit code for project
PRJ_BUSINESS_UNIT_MEANING	NULLABLE	VARCHAR2(80)	Business unit meaning for project
PRJ_BUSINESS_OBJECTIVE_ID	NULLABLE	NUMBER	Business objective ID for project
PRJ_BUSINESS_OBJECTIVE_NAME	NULLABLE	VARCHAR2(80)	Business objective name for project.
PRJ_PROJECT_CLASS_CODE	NULLABLE	VARCHAR2(30)	Project class code for project
PRJ_PROJECT_CLASS_MEANING	NULLABLE	VARCHAR2(80)	Project class meaning for project
PRJ_ASSET_CLASS_CODE	NULLABLE	VARCHAR2(30)	Asset class code for project
PRJ_ASSET_CLASS_MEANING	NULLABLE	VARCHAR2(80)	Asset class meaning for project
PRJ_PROJECT_MANAGER_USER_ID	NULLABLE	VARCHAR2(4000)	Project manager for PFM project
PRJ_PROJECT_MANAGER_USERNAME	NULLABLE	VARCHAR2(4000)	Project manager username for PFM project

Column Name	Null?	Data Type	Description
PRJ_PROJECT_ID	NULLABLE	NUMBER	Project ID for PFM project
PRJ_PROJECT_NAME	NULLABLE	VARCHAR2(300)	Project name for PFM project
PRJ_PROJECT_URL	NULLABLE	VARCHAR2(250)	Project URL for PFM project
PRJ_STAFF_PROF_ID	NULLABLE	NUMBER	Staffing profile ID for project
PRJ_STAFF_PROF_ NAME	NULLABLE	VARCHAR2(100)	Staffing profile name for project
PRJ_RETURN_ON_ INVESTMENT	NULLABLE	NUMBER	ROI for project
PRJ_NET_PRESENT_ VALUE	NULLABLE	NUMBER	NPV for project
PRJ_CUSTOM_FIELD_ VALUE	NULLABLE	NUMBER	Financial metric for project
PRJ_VALUE_RATING	NULLABLE	NUMBER	The score for score domain "Value"
PRJ_RISK_RATING	NULLABLE	NUMBER	This score for score domain "Risk"
PRJ_TOTAL_SCORE	NULLABLE	NUMBER	Total score
PRJ_DISCOUNT_RATE	NULLABLE	NUMBER	Discount rate for project
PRJ_PLAN_START_ PERIOD_ID	NULLABLE	NUMBER	The period id of the Planned Start Date for the project
PRJ_PLAN_FINISH_ PERIOD_ID	NULLABLE	NUMBER	The period id of the Planned Finish Date for the project
PRJ_PLAN_START_ PERIOD_NAME	NULLABLE	VARCHAR2(100)	The period name of the Planned Start Date for the project
PRJ_PLAN_FINISH_ PERIOD_NAME	NULLABLE	VARCHAR2(100)	The period name of the Planned Finish Date for the project
PRJ_PHASE_CODE	NULLABLE	VARCHAR2(40)	Project phase code for PFM project

Column Name	Null?	Data Type	Description
PRJ_PHASE_MEANING	NULLABLE	VARCHAR2(150)	Project phase meaning for PFM project
PRJ_BENEFIT_ MANAGER_USER_ID	NULLABLE	VARCHAR2(4000)	Benefit manger id
PRJ_BENEFIT_ MANAGER_ USERNAME	NULLABLE	VARCHAR2(4000)	Benefit manager name
PRJ_DEPENDENCIES_ CODE	NULLABLE	VARCHAR2(500)	
PRJ_DEPENDENCIES_ MEANING	NULLABLE	VARCHAR2(2000)	

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_FG_PFM_ PROJECT_INT_ N1	NONUNIQUE	1	GROUP_ID
KCRT_FG_PFM_ PROJECT_INT_ N1	NONUNIQUE	2	TRANSACTION_ ID
KCRT_FG_PFM_ PROJECT_INT_ N2	NONUNIQUE	1	REQUEST_ID

Sequences

This table does not use any Sequences.

KCRT_FG_PFM_PROPOSAL

This table stores PFM proposals.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PM_PROJECTS	PROJECT_ID	PROP_PROJECT_ID
KNTA_USERS	USER_ID	PROP_PROJECT_ MANAGER_USER_ID
RSC_STAFFING_ PROFILES	STAFFING_PROFILE_ID	PROP_STAFF_PROF_ID
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_REQUEST_ TYPES_NLS	REQUEST_TYPE_ID	REQUEST_TYPE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
REQUEST_ID	NOT NULL	NUMBER	Request ID for proposal
REQUEST_TYPE_ID	NOT NULL	NUMBER	Request Type ID
PROPOSAL_NAME	NOT NULL	VARCHAR2(300)	Proposal name
PROP_BUSINESS_UNIT_ CODE	NULLABLE	VARCHAR2(30)	Business unit code for proposal
PROP_BUSINESS_UNIT_ MEANING	NULLABLE	VARCHAR2(80)	Business unit meaning for proposal
PROP_BUSINESS_ OBJECTIVE_ID	NULLABLE	NUMBER	Business objective ID for proposal
PROP_BUSINESS_ OBJECTIVE_NAME	NULLABLE	VARCHAR2(80)	Business objective name for proposal
PROP_PROJECT_ CLASS_CODE	NULLABLE	VARCHAR2(30)	Project class code for proposal
PROP_PROJECT_ CLASS_MEANING	NULLABLE	VARCHAR2(80)	Project class meaning for proposal
PROP_ASSET_CLASS_ CODE	NULLABLE	VARCHAR2(30)	Asset class code for proposal

Column Name	Null?	Data Type	Description
PROP_ASSET_CLASS_ MEANING	NULLABLE	VARCHAR2(80)	Asset class meaning for proposal
PROP_PROJECT_ MANAGER_USER_ID	NULLABLE	VARCHAR2(4000)	Project manager for proposal
PROP_PROJECT_ MANAGER_USERNAME	NULLABLE	VARCHAR2(4000)	Project manager username for proposal
PROP_STAFF_PROF_ID	NULLABLE	NUMBER	Staffing profile ID for proposal
PROP_STAFF_PROF_ NAME	NULLABLE	VARCHAR2(300)	Staffing profile name for proposal
PROP_RETURN_ON_ INVESTMENT	NULLABLE	NUMBER	ROI for proposal
PROP_NET_PRESENT_ VALUE	NULLABLE	NUMBER	NPV for proposal
PROP_CUSTOM_FIELD_ VALUE	NULLABLE	NUMBER	Financial metric for proposal
PROP_VALUE_RATING	NULLABLE	NUMBER	Score for score domain of "Value".
PROP_RISK_RATING	NULLABLE	NUMBER	Score for score domain of "Risk".
PROP_TOTAL_SCORE	NULLABLE	NUMBER	Total score for proposal
PROP_DISCOUNT_RATE	NULLABLE	NUMBER	Discount rate for proposal
PROP_PLAN_START_ PERIOD_ID	NULLABLE	NUMBER	Period ID of the planned start date for the proposal
PROP_PLAN_FINISH_ PERIOD_ID	NULLABLE	NUMBER	Period ID of the planned finish date for the proposal
PROP_PLAN_START_ PERIOD_NAME	NULLABLE	VARCHAR2(100)	Period name of the planned start date for the proposal
PROP_PLAN_FINISH_ PERIOD_NAME	NULLABLE	VARCHAR2(100)	Period name of the planned finish date for the proposal

Column Name	Null?	Data Type	Description
PROP_PROJECT_ID	NULLABLE	NUMBER	Project ID for proposal
PROP_PROJECT_NAME	NULLABLE	VARCHAR2(300)	Project name for proposal
PROP_DEPENDENCIES_CODE	NULLABLE	VARCHAR2(500)	Dependency code for proposal
PROP_DEPENDENCIES_MEANING	NULLABLE	VARCHAR2(2000)	Dependency meaning for proposal
PROP_PROJECT_TYPE_ID	NULLABLE	NUMBER	Project type ID for proposal
PROP_PROJECT_TYPE_NAME	NULLABLE	VARCHAR2(1500)	Project type name for proposal
PROP_REGION_ID	NULLABLE	NUMBER	Region ID for proposal
PROP_REGION_NAME	NULLABLE	VARCHAR2(1500)	Region name for proposal
PROP_BENEFIT_MANAGER_USER_ID	NULLABLE	VARCHAR2(4000)	Name of the proposal's benefit manager
PROP_BENEFIT_MANAGER_USERNAME	NULLABLE	VARCHAR2(4000)	ID of the proposal's benefit manager
PROP_FINANCIAL_SUMMARY_NAME	NULLABLE	VARCHAR2(1500)	Name of the proposal's financial summary
PROP_FINANCIAL_SUMMARY_ID	NULLABLE	NUMBER	ID of the proposal's financial summary
PROP_APPROVED_SNAPSHOT_ID	NULLABLE	NUMBER	ID of the financial summary snapshot taken at the time when the proposal is approved
PROP_APPROVED_SNAPSHOT_NAME	NULLABLE	VARCHAR2(1500)	Name of the financial summary snapshot taken at the time when the proposal is approved

Column Name	Null?	Data Type	Description
PROP_PORTFOLIO_ID	NULLABLE	NUMBER	ID of the portfolio to which the proposal is linked
PROP_PORTFOLIO_ NAME	NULLABLE	VARCHAR2(1500)	Name of the portfolio to which the proposal is linked.
PROP_PROGRAM_ID	NULLABLE	VARCHAR2(4000)	IDs of the program containing this proposal
PROP_PROGRAM_NAME	NULLABLE	VARCHAR2(4000)	Names of the programs containing this proposal

Indexes

This table uses no indexes.

Sequences

This table uses no sequences.

KCRT_FG_PFM_PROPOSAL_INT

This table is used for importing PFM proposals into the KCRT_FG_PFM_PROPOSAL table.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KPMO_BUSINESS_OBJECTIVES_NLS	BUSINESS_OBJECTIVE_ID	PROP_BUSINESS_OBJECTIVE_ID
PPM_FISCAL_PERIODS_NLS	FISCAL_PERIOD_ID	PROP_PLAN_FINISH_PERIOD_ID
PPM_FISCAL_PERIODS_NLS	FISCAL_PERIOD_ID	PROP_PLAN_START_PERIOD_ID
PM_PROJECTS	PROJECT_ID	PROP_PROJECT_ID
KNTA_USERS	USER_ID	PROP_PROJECT_MANAGER_USER_ID
RSC_STAFFING_PROFILES	STAFFING_PROFILE_ID	PROP_STAFF_PROF_ID
KCRT_REQUEST_TYPES_NLS	REQUEST_TYPE_ID	REQUEST_TYPE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
PFM_PROPOSAL_INTERFACE_ID	NULLABLE	NUMBER	System-generated identifier
GROUP_ID	NOT NULL	NUMBER	DB Transaction group ID.
TRANSACTION_ID	NOT NULL	NUMBER	Transaction ID
PARENT_TRANSACTION_ID	NOT NULL	NUMBER	Parent transaction ID. This is usually request transaction ID.
PROCESS_PHASE	NULLABLE	NUMBER	Processing phase
PROCESS_STATUS	NULLABLE	NUMBER	Processing status.
REQUEST_ID	NULLABLE	NUMBER	Request ID for proposal

Column Name	Null?	Data Type	Description
REQUEST_TYPE_ID	NULLABLE	NUMBER	Request Type ID
PROPOSAL_NAME	NULLABLE	VARCHAR2(300)	Proposal name
PROP_BUSINESS_ UNIT_CODE	NULLABLE	VARCHAR2(30)	Business unit code for proposal
PROP_BUSINESS_ UNIT_MEANING	NULLABLE	VARCHAR2(80)	Business unit meaning for proposal
PROP_BUSINESS_ OBJECTIVE_ID	NULLABLE	NUMBER	Business objective ID for proposal
PROP_BUSINESS_ OBJECTIVE_NAME	NULLABLE	VARCHAR2(80)	Business objective name for proposal
PROP_PROJECT_ CLASS_CODE	NULLABLE	VARCHAR2(30)	Project class code for proposal
PROP_PROJECT_ CLASS_MEANING	NULLABLE	VARCHAR2(80)	Project class meaning for proposal
PROP_ASSET_CLASS_ CODE	NULLABLE	VARCHAR2(30)	Asset class code for proposal
PROP_ASSET_CLASS_ MEANING	NULLABLE	VARCHAR2(80)	Asset class meaning for proposal
PROP_PROJECT_ MANAGER_USER_ID	NULLABLE	VARCHAR2(4000)	Project manager for proposal
PROP_PROJECT_ MANAGER_USERNAME	NULLABLE	VARCHAR2(4000)	Project manager username for proposal
PROP_PROJECT_ TYPE_ID	NULLABLE	NUMBER	Project type ID for proposal
PROP_PROJECT_ TYPE_NAME	NULLABLE	VARCHAR2(100)	Project type name for proposal
PROP_STAFF_PROF_ ID	NULLABLE	NUMBER	Staffing profile ID for proposal
PROP_STAFF_PROF_ NAME	NULLABLE	VARCHAR2(300)	Staffing profile name for proposal
PROP_RETURN_ON_ INVESTMENT	NULLABLE	NUMBER	ROI for proposal

Column Name	Null?	Data Type	Description
PROP_NET_PRESENT_VALUE	NULLABLE	NUMBER	Net present value (NPV) for proposal
PROP_CUSTOM_FIELD_VALUE	NULLABLE	NUMBER	Financial metric for proposal
PROP_VALUE_RATING	NULLABLE	NUMBER	Score for score domain of "Value".
PROP_RISK_RATING	NULLABLE	NUMBER	Score for score domain of "Risk".
PROP_TOTAL_SCORE	NULLABLE	NUMBER	Total score for proposal
PROP_DISCOUNT_RATE	NULLABLE	NUMBER	Discount rate for proposal
PROP_PLAN_START_PERIOD_ID	NULLABLE	NUMBER	Period ID of the planned start date for the proposal
PROP_PLAN_FINISH_PERIOD_ID	NULLABLE	NUMBER	Period ID of the planned finish date for the proposal
PROP_PLAN_START_PERIOD_NAME	NULLABLE	VARCHAR2(100)	Period name of the planned start date for the proposal
PROP_PLAN_FINISH_PERIOD_NAME	NULLABLE	VARCHAR2(100)	Period name of the planned finish date for the proposal
PROP_PROJECT_ID	NULLABLE	NUMBER	Project ID for proposal
PROP_PROJECT_NAME	NULLABLE	VARCHAR2(300)	Project name for proposal
PROP_REGION_ID	NULLABLE	NUMBER	Region ID for proposal
PROP_REGION_NAME	NULLABLE	VARCHAR2(1500)	Region name for proposal
PROP_BENEFIT_MANAGER_USER_ID	NULLABLE	VARCHAR2(4000)	Benefit manager id
PROP_BENEFIT_MANAGER_USERNAME	NULLABLE	VARCHAR2(4000)	Benefit manager name

Column Name	Null?	Data Type	Description
PROP_ DEPENDENCIES_CODE	NULLABLE	VARCHAR2(500)	Dependency code
PROP_ DEPENDENCIES_ MEANING	NULLABLE	VARCHAR2(2000)	Dependency meaning
PROP_APPROVED_ SNAPSHOT_ID	NULLABLE	NUMBER	Approved snapshot ID
PROP_APPROVED_ SNAPSHOT_NAME	NULLABLE	VARCHAR2(1500)	Approved snapshot name
PROP_FINANCIAL_ SUMMARY_ID	NULLABLE	NUMBER	Financial summary ID
PROP_FINANCIAL_ SUMMARY_NAME	NULLABLE	VARCHAR2(1500)	Financial summary name
PROP_PORTFOLIO_ID	NULLABLE	NUMBER	Portfolio ID
PROP_PORTFOLIO_ NAME	NULLABLE	VARCHAR2(1500)	Portfolio name
PROP_PROGRAM_ID	NULLABLE	VARCHAR2(4000)	Program ID
PROP_PROGRAM_ NAME	NULLABLE	VARCHAR2(4000)	Program name

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_FG_PFM_ PROPOSAL_INT_N1	NONUNIQUE	1	GROUP_ID
KCRT_FG_PFM_ PROPOSAL_INT_N1	NONUNIQUE	2	TRANSACTION_ ID
KCRT_FG_PFM_ PROPOSAL_INT_N2	NONUNIQUE	1	REQUEST_ID

Sequences

This table uses no sequences.

KCRT_FG_PROG_ISSUE

If the **PMO Program Issue** field group is linked to a request's request header type, this table includes a row for the request.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
REQUEST_ID	NOT NULL	NUMBER	Request identifier
REQUEST_ TYPE_ID	NOT NULL	NUMBER	Request type used by the request

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_FG_ PROG_ISSUE_U1	UNIQUE	1	REQUEST_ID

Sequences

This table uses no sequences.

KCRT_FG_PROG_ISSUE_INT

This is a child table of the KCRT_REQUESTS_INT table. It is used to import data into the KCRT_FG_PROG_ISSUE table. This table will be processed through the java report that calls a PL/SQL package that can be run either from the command line or through the report job scheduler. This allows the user to immediately run the interface but also allow for scheduled processing. The PL/SQL package queries this table, validates against appropriate tables and imports into the production tables. It can also release the request, depending on its status, by calling the Workflow APIs.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
GROUP_ID	NOT NULL	NUMBER	Value used to tie records in the interface tables together. Most of the database processing is done based on this value. The value must be the same as the parent's group_ID in the KCRT_REQUESTS_INT table.
TRANSACTION_ ID	NOT NULL	NUMBER	System-generated record identifier
PARENT_ TRANSACTION_ ID	NOT NULL	NUMBER	Links this table to the TRANSACTION_ID in KCRT_ REQUESTS_INT table
REQUEST_ID	NULLABLE	NUMBER	Refers to the request_id in KCRT_REQUESTS table
REQUEST_ TYPE_ID	NULLABLE	NUMBER	Request type ID used by this request

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_FG_PROG_ ISSUE_INT_N1	NONUNIQUE	1	GROUP_ID
KCRT_FG_PROG_ ISSUE_INT_N1	NONUNIQUE	2	TRANSACTION_ ID

Sequences

This table uses no sequences.

KCRT_FG_PROG_REFERENCE

If the 'Program Reference field on Request' field group is linked to a request's request header type, a row will exist in this table for the request.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
REQUEST_ID	NOT NULL	NUMBER	Request identifier
REQUEST_ TYPE_ID	NOT NULL	NUMBER	Request type used by the request
REF_PROGRAM_ ID	NULLABLE	NUMBER	ID of the referenced program. If a value is supplied, automatically creates a reference to the specified program. If supplied, REF_PROGRAM_ NAME must also be supplied.
REF_PROGRAM_ NAME	NULLABLE	VARCHAR2(255)	Name of the referenced program. If a value is supplied, automatically creates a reference to the specified program. If supplied, REF_PROGRAM_ ID must also be supplied.

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_FG_PROG_ REFERENCE_U1	UNIQUE	1	REQUEST_ID

Sequences

This table uses no sequences.

KCRT_FG_PROG_REFERENCE_INT

This is a child table of the KCRT_REQUESTS_INT table. It is used to import data into the KCRT_FG_PROG_REFERENCE table. This table will be processed through the java report that calls a PL/SQL package that can be run either from the command line or through the report job scheduler. This allows the user to immediately run the interface but also allows for scheduled processing. The PL/SQL package queries this table, validates against appropriate tables and imports into the production tables. It can also release the request depending on its status by calling the Workflow APIs.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
GROUP_ID	NOT NULL	NUMBER	Value used to tie records in the interface tables together. Most of the database processing is done based on this value. The value must be the same as the parent's group_ID in the KCRT_REQUESTS_INT table.
TRANSACTION_ID	NOT NULL	NUMBER	System-generated record identifier
PARENT_TRANSACTION_ID	NOT NULL	NUMBER	Links this table to TRANSACTION_ID in KCRT_REQUESTS_INT
REQUEST_ID	NULLABLE	NUMBER	Refers to the request_id in KCRT_REQUESTS table

Column Name	Null?	Data Type	Description
REQUEST_ TYPE_ID	NULLABLE	NUMBER	Request type ID used by this request
REF_PROGRAM_ ID	NULLABLE	NUMBER	ID of the referenced program. If a value is supplied, automatically creates a reference to the specified program. If supplied, REF_ PROGRAM_NAME must also be supplied.
REF_PROGRAM_ NAME	NULLABLE	VARCHAR2(255)	Name of the referenced program. If a value is supplied, automatically creates a reference to the specified program. If supplied, REF_PROGRAM_ID must also be supplied.

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_FG_PROG_ REFERENCE_INT_N1	NONUNIQUE	1	GROUP_ID
KCRT_FG_PROG_ REFERENCE_INT_N1	NONUNIQUE	2	TRANSACTION_ ID

Sequences

This table uses no sequences.

KCRT_FG_PROG_RESOURCE_REQ

If the 'PMO Program Resource Request' field group is linked to a request's request header type, a row will exist in this table for the request.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
REQUEST_ID	NOT NULL	NUMBER	Request identifier
REQUEST_TYPE_ID	NOT NULL	NUMBER	Request type used by the request
ROLE_DESCRIPTION_ CODE	NULLABLE	VARCHAR2(1800)	Description of the resource's role

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_FG_PROG_ RESOURCE_REQ_U1	UNIQUE	1	REQUEST_ID

Sequences

This table uses no sequences.

KCRT_FG_PROG_RESOURCE_REQ_INT

This table is a child table of KCRT_REQUESTS_INT. It is used to import data into KCRT_FG_PROG_RESOURCE_REQ. This table will be processed through the java report that calls a PL/SQL package that can be run either from the command line or through the report job scheduler. This allows the user to immediately run the interface but also allows for scheduled processing. The PL/SQL package queries this table, validates against appropriate tables and imports into the production tables. It can also release the request depending on its status by calling the Workflow APIs.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
GROUP_ID	NOT NULL	NUMBER	This value is used to tie records in the interface tables together. Most of the database processing is done based on this value. The value must be the same as the parent's group_ID in the KCRT_ REQUESTS_INT table.
TRANSACTION_ID	NOT NULL	NUMBER	System-generated record identifier
PARENT_ TRANSACTION_ID	NOT NULL	NUMBER	Links this table to TRANSACTION_ID in KCRT_REQUESTS_INT
REQUEST_ID	NULLABLE	NUMBER	Refers to the request_id in KCRT_REQUESTS table
REQUEST_TYPE_ ID	NULLABLE	NUMBER	Request type ID used by this request
ROLE_ DESCRIPTION_ CODE	NULLABLE	VARCHAR2(1800)	Description of the resource's role

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_FG_PROG_RES_REQ_INT_N1	NONUNIQUE	1	GROUP_ID
KCRT_FG_PROG_RES_REQ_INT_N1	NONUNIQUE	2	TRANSACTION_ID

Sequences

This table uses no sequences.

KCRT_FG_PROG_RISK

If the Program Risk field group is linked to a request's request header type, a row will exist in this table for the request.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_REQUEST_TYPES_NLS	REQUEST_TYPE_ID	REQUEST_TYPE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
REQUEST_ID	NOT NULL	NUMBER	System-generated identifier
REQUEST_TYPE_ID	NOT NULL	NUMBER	Identifies the request type
PROG_PROBABILITY_CODE	NULLABLE	VARCHAR2(200)	Probability code of the program risk
PROG_PROBABILITY_MEANING	NULLABLE	VARCHAR2(200)	Probability description of the program risk
PROG_RISK_IMPACT_LEVEL_CODE	NULLABLE	VARCHAR2(200)	Code for the impact level of the program risk
PROG_RISK_IMPACT_LEVEL_MEANING	NULLABLE	VARCHAR2(200)	Indicates the impact level of the program risk

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_FG_PROG_RISK_U1	UNIQUE	1	REQUEST_ID

Sequences

This table uses no sequences.

KCRT_FG_PROG_RISK_INT

This table is used for importing Program risks into the KCRT_FG_PROG_RISK table.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
GROUP_ID	NOT NULL	NUMBER	System-generated identifier
TRANSACTION_ID	NOT NULL	NUMBER	Provides a unique identifier for each transaction
PARENT_TRANSACTION_ID	NOT NULL	NUMBER	Provides the transaction ID of the parent table being imported
REQUEST_ID	NULLABLE	NUMBER	Identifies the request
REQUEST_TYPE_ID	NULLABLE	NUMBER	Identifies the request type
PROG_PROBABILITY_CODE	NULLABLE	VARCHAR2(200)	Specifies the probability code of the program risk
PROG_PROBABILITY_MEANING	NULLABLE	VARCHAR2(200)	Specifies the probability description of the program risk
PROG_RISK_IMPACT_LEVEL_CODE	NULLABLE	VARCHAR2(200)	Specifies the code for the impact level of the program risk
PROG_RISK_IMPACT_LEVEL_MEANING	NULLABLE	VARCHAR2(200)	Specifies the description of the impact level of the program risk

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_FG_PROG_ RISK_INT_N1	NONUNIQUE	1	GROUP_ID
KCRT_FG_PROG_ RISK_INT_N1	NONUNIQUE	2	TRANSACTION_ID

Sequences

This table uses no sequences.

KCRT_FG_PROJ_ISSUE

If the Project Issue field group is linked to a request's request header type, a row will exist in this table for the request.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
REQUEST_ID	NOT NULL	NUMBER	System-generated identifier
REQUEST_ TYPE_ID	NOT NULL	NUMBER	Identifies the request type
ESCALATION_ LEVEL_CODE	NULLABLE	VARCHAR2(200)	Specifies the code for the escalation level
ESCALATION_ LEVEL_MEANING	NULLABLE	VARCHAR2(200)	Specifies the description for the escalation level

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_FG_ PROJ_ISSUE_U1	UNIQUE	1	REQUEST_ID

Sequences

This table uses no sequences.

KCRT_FG_PROJ_ISSUE_INT

This table is used for importing Project issues into the KCRT_FG_PROJ_ISSUE table.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
GROUP_ID	NOT NULL	NUMBER	System-generated identifier
TRANSACTION_ID	NOT NULL	NUMBER	Provides a unique identifier for each transaction
PARENT_TRANSACTION_ID	NOT NULL	NUMBER	Provides the transaction ID (from KCRT_REQUESTS_INT) of the parent table being imported
REQUEST_ID	NULLABLE	NUMBER	Identifies the request. This is normally left blank and is derived from the KCRT_REQUESTS_S sequence
REQUEST_TYPE_ID	NULLABLE	NUMBER	Identifies the request type. This is normally left blank and is derived from REQUEST_TYPE_NAME
ESCALATION_LEVEL_CODE	NULLABLE	VARCHAR2(200)	Specifies the code for the escalation level
ESCALATION_LEVEL_MEANING	NULLABLE	VARCHAR2(200)	Specifies the description of the escalation level

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_FG_PROJ_ISSUE_INT_N1	NONUNIQUE	1	GROUP_ID
KCRT_FG_PROJ_ISSUE_INT_N1	NONUNIQUE	2	TRANSACTION_ID

Sequences

This table uses no sequences.

KCRT_FG_PROJ_RISK

If the Project Risk field group is linked to a request's request header type, a row will exist in this table for the request.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
REQUEST_ID	NOT NULL	NUMBER	System-generated identifier
REQUEST_TYPE_ ID	NOT NULL	NUMBER	Identifies the request type
PROBABILITY_ CODE	NULLABLE	VARCHAR2(200)	Specifies the probability code of the project risk
PROBABILITY_ MEANING	NULLABLE	VARCHAR2(200)	Specifies the description of the project risk
RISK_IMPACT_ LEVEL_CODE	NULLABLE	VARCHAR2(200)	Specifies the code for the impact level of the project risk
RISK_IMPACT_ LEVEL_MEANING	NULLABLE	VARCHAR2(200)	Specifies the description of the impact level of the project risk

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_FG_ PROJ_RISK_U1	UNIQUE	1	REQUEST_ID

Sequences

This table uses no sequences.

KCRT_FG_PROJ_RISK_INT

This table is used for importing Project risks into the KCRT_FG_PROJ_RISK table.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
GROUP_ID	NOT NULL	NUMBER	System-generated identifier
TRANSACTION_ ID	NOT NULL	NUMBER	Provides a unique identifier for each transaction
PARENT_ TRANSACTION_ ID	NOT NULL	NUMBER	Provides the transaction ID (from KCRT_REQUESTS_ INT) of the parent table being imported
REQUEST_ID	NULLABLE	NUMBER	Identifies the request This is normally left blank and is derived from the KCRT_ REQUESTS_S sequence
REQUEST_ TYPE_ID	NULLABLE	NUMBER	Identifies the request type This is normally left blank and is derived from REQUEST_TYPE_NAME
PROBABILITY_ CODE	NULLABLE	VARCHAR2(200)	Specifies the probability code of the project risk
PROBABILITY_ MEANING	NULLABLE	VARCHAR2(200)	Specifies the description of the project risk
RISK_IMPACT_ LEVEL_CODE	NULLABLE	VARCHAR2(200)	Specifies the code for the impact level of the project risk
RISK_IMPACT_ LEVEL_MEANING	NULLABLE	VARCHAR2(200)	Specifies the description of the impact level of the project risk

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_FG_PROJ_RISK_INT_N1	NONUNIQUE	1	GROUP_ID
KCRT_FG_PROJ_RISK_INT_N1	NONUNIQUE	2	TRANSACTION_ ID

Sequences

This table uses no sequences.

KCRT_FG_PROJ_SCOPE_CHANGE

If the "Project Scope Change" field group is linked to a request's request header type, a row will exist in this table for the request.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
REQUEST_ID	NOT NULL	NUMBER	System-generated identifier
REQUEST_ TYPE_ID	NOT NULL	NUMBER	Identifies the request type
IMPACT_ SEVERITY_CODE	NULLABLE	VARCHAR2(200)	Specifies the severity code for the impact of the scope change
IMPACT_ SEVERITY_ MEANING	NULLABLE	VARCHAR2(200)	Specifies the description of the severity impact of the scope change
CR_LEVEL_ CODE	NULLABLE	VARCHAR2(200)	Specifies the code for the change request importance level of the scope change
CR_LEVEL_ MEANING	NULLABLE	VARCHAR2(200)	Specifies the description of the change request importance level of the scope change

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_FG_PROJ_ SCOPE_CHANGE_U1	UNIQUE	1	REQUEST_ID

Sequences

This table uses no sequences.

KCRT_FG_PROJ_SCOPE_CHANGE_INT

This table is used for importing Project Scope Changes into the KCRT_FG_PROJ_SCOPE_CHANGE table.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
GROUP_ID	NOT NULL	NUMBER	System-generated identifier
TRANSACTION_ID	NOT NULL	NUMBER	Provides a unique identifier for each transaction
PARENT_TRANSACTION_ID	NOT NULL	NUMBER	Provides the transaction ID (from KCRT_REQUESTS_INT) of the parent table being imported
REQUEST_ID	NULLABLE	NUMBER	Identifies the request This is normally left blank and is derived from the KCRT_REQUESTS_S sequence
REQUEST_TYPE_ID	NULLABLE	NUMBER	Identifies the request type This is normally left blank and is derived from REQUEST_TYPE_NAME
IMPACT_SEVERITY_CODE	NULLABLE	VARCHAR2(200)	Specifies the severity code for the impact of the scope change
IMPACT_SEVERITY_MEANING	NULLABLE	VARCHAR2(200)	Specifies the description of the severity impact of the scope change
CR_LEVEL_CODE	NULLABLE	VARCHAR2(200)	Specifies the code for the change request importance level of the scope change
CR_LEVEL_MEANING	NULLABLE	VARCHAR2(200)	Specifies the description of the change request importance level of the scope change

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_FG_PROJ_SC_INT_N1	NONUNIQUE	1	GROUP_ID
KCRT_FG_PROJ_SC_INT_N1	NONUNIQUE	2	TRANSACTION_ID

Sequences

This table uses no sequences.

KCRT_FG_QC_DEFECT_INFO

This table stores information necessary to uniquely identify a defect in a Quality Center instance. This includes instance (URL of the QC server), Domain, Project, Defect ID, and so on.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_REQUEST_TYPES_NLS	REQUEST_TYPE_ID	REQUEST_TYPE_ID
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID

Column Descriptions

Column Name	Null?	Data Type	Description
REQUEST_ID	NOT NULL	NUMBER	System-generated identifier
REQUEST_TYPE_ID	NOT NULL	NUMBER	Request type ID
QC_DEFECT_DOMAIN	NULLABLE	VARCHAR2(128)	Quality Center Domain/ Project that contains the defect
QC_DEFECT_PROJECT	NULLABLE	VARCHAR2(64)	Quality Center Domain/ Project that contains the defect
QC_DEFECT_ASSIGN_TO_USER	NULLABLE	VARCHAR2(64)	Quality Center's user name of the person assigned to this defect
QC_DEFECT_NO	NULLABLE	NUMBER	Quality Center defect ID
QC_DEFECT_STATUS	NULLABLE	VARCHAR2(500)	Quality Center defect status
QC_DEFECT_ATTACHMENT_URL	NULLABLE	VARCHAR2(200)	A link to the Quality Center defect's attachments
QC_DEFECT_INT_MSG	NULLABLE	VARCHAR2(300)	A message informing of the status of last synchronization (failed / succeeded, errors encountered, and so on)

Column Name	Null?	Data Type	Description
QC_DEFECT_ DOMAIN_ID	NULLABLE	NUMBER	ID of the Quality Center domain
QC_DEFECT_ PROJECT_ID	NULLABLE	NUMBER	ID of the Quality Center project
QC_DEFECT_ ASSIGN_TO_ USER_ID	NULLABLE	VARCHAR2(64)	ID of the Quality Center user (assigned to)
QC_DEFECT_ INSTANCE	NULLABLE	VARCHAR2(200)	Quality Center instance where defect is saved
QC_DEFECT_ INSTANCE_ID	NULLABLE	NUMBER	ID of the Quality Center instance
QC_DEFECT_ ATT_URL_ID	NULLABLE	VARCHAR2(200)	ID of the Defect URL

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_FG_QC_DEFECT_ INFO_U1	UNIQUE	1	REQUEST_ID

Sequences

This table uses no sequences.

KCRT_FG_QC_DEFECT_INFO_INT

This table stores information for importing requests that have information about a corresponding Quality Center defect into the KCRT_FG_QC_DEFECT_INFO table.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_REQUESTS_INT	TRANSACTION_ID	PARENT_TRANSACTION_ID
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_REQUEST_TYPES_NLS	REQUEST_TYPE_ID	REQUEST_TYPE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
GROUP_ID	NULLABLE	NUMBER	System-generated identifier
TRANSACTION_ID	NULLABLE	NUMBER	Provides a unique identifier for each transaction
PARENT_TRANSACTION_ID	NULLABLE	NUMBER	Provides the transaction ID (from KCRT_REQUESTS_INT) of the parent table being imported
REQUEST_ID	NOT NULL	NUMBER	Identifies the request.
REQUEST_TYPE_ID	NOT NULL	NUMBER	Identifies the request type.
QC_DEFECT_DOMAIN	NULLABLE	VARCHAR2(128)	Quality Center Domain name
QC_DEFECT_PROJECT	NULLABLE	VARCHAR2(64)	Quality Center Project name
QC_DEFECT_ASSIGN_TO_USER	NULLABLE	VARCHAR2(64)	Quality Center user name of the assigned to user
QC_DEFECT_NO	NULLABLE	NUMBER	Quality Center Defect ID

Column Name	Null?	Data Type	Description
QC_DEFECT_STATUS	NULLABLE	VARCHAR2(500)	Quality Center Defect status (BUG.BG_ STATUS)
QC_DEFECT_ ATTACHMENT_URL	NULLABLE	VARCHAR2(200)	Link to Quality Center defect attachments
QC_DEFECT_INT_ MSG	NULLABLE	VARCHAR2(300)	A message informing you whether the Quality Center integration is working properly or whether there are errors. The message changes when one of the following occurs: a new entity (a requirement or defect) is created in Quality Center by PPM Center, the request is updated in PPM Center by Quality Center, or PPM Center attempts to update Quality Center but encounters an error.
QC_DEFECT_ DOMAIN_ID	NULLABLE	NUMBER	Quality Center Domain ID
QC_DEFECT_ PROJECT_ID	NULLABLE	NUMBER	Quality Center Project ID
QC_DEFECT_ ASSIGN_TO_USER_ID	NULLABLE	VARCHAR2(64)	Quality Center assigned to user ID
QC_DEFECT_ INSTANCE	NULLABLE	VARCHAR2(200)	URL of the Quality Center server (instance)
QC_DEFECT_ INSTANCE_ID	NULLABLE	NUMBER	ID of the Quality Center instance
QC_DEFECT_ATT_ URL_ID	NULLABLE	VARCHAR2(200)	ID of the Quality Center attachments URL

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_FG_QC_DEFECT_INFO_INT_N1	NONUNIQUE	1	GROUP_ID
KCRT_FG_QC_DEFECT_INFO_INT_N1	NONUNIQUE	2	TRANSACTION_ID

Sequences

This table uses no sequences.

KCRT_FG_QC_INFO

This table stores fields for the PPM-Quality Center integration.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_REQUEST_TYPES_NLS	REQUEST_TYPE_ID	REQUEST_TYPE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
REQUEST_ID	NOT NULL	NUMBER	System-generated identifier
REQUEST_TYPE_ID	NOT NULL	NUMBER	Request type ID
QC_DOMAIN	NULLABLE	VARCHAR2(128)	Quality Center Domain name
QC_PROJECT	NULLABLE	VARCHAR2(64)	Quality Center Project name
QC_REQUIREMENTS_COVERAGE	NULLABLE	NUMBER	Percentage of tests planned for this requirement that have been run.
QC_OPEN_DEFECTS	NULLABLE	NUMBER	Number of open defects in the project.
QC_DOMAIN_ID	NULLABLE	NUMBER	ID of Quality Center domain
QC_PROJECT_ID	NULLABLE	NUMBER	ID of the Quality Center project
QC_ASSIGNED_TO_USER	NULLABLE	VARCHAR2(200)	Username of the user to whom the defect has been assigned in Quality Center.
QC_ASSIGNED_TO_USER_ID	NULLABLE	VARCHAR2(64)	ID of the user to whom the defect has been assigned in Quality Center.
QC_REQUIREMENT_NO	NULLABLE	NUMBER	Number of the requirement in Quality Center.
QC_REQUIREMENT_STATUS	NULLABLE	VARCHAR2(100)	Status of the requirement in Quality Center.

Column Name	Null?	Data Type	Description
QC_ REQUIREMENT_ INT_MSG	NULLABLE	VARCHAR2(500)	A message informing you whether the Quality Center integration is working properly or whether there are errors. The message changes when one of the following occurs: a new entity (a requirement or defect) is created in Quality Center by PPM Center, the request is updated in PPM Center by Quality Center, or PPM Center attempts to update Quality Center but encounters an error.
QC_ REQUIREMENT_ ATTACHMENT_URL	NULLABLE	VARCHAR2(200)	Link to the documents attached to the requirement in Quality Center
QC_INSTANCE	NULLABLE	VARCHAR2(200)	URL of the Quality Center server (instance)
QC_INSTANCE_ID	NULLABLE	NUMBER	ID of the Quality Center server (instance)
QC_DASHBOARD_ SUBJECT	NULLABLE	VARCHAR2(255)	Name of the Quality Center Dashboard subject mapped to the Quality Center project that contains this defect
QC_ REQUIREMENT_ ATT_URL_ID	NULLABLE	VARCHAR2(200)	Quality Center requirement attachments URL

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_FG_QC_INFO_U1	UNIQUE	1	REQUEST_ID

Sequences

This table uses no sequences.

KCRT_FG_QC_INFO_INT

This table stores information for importing requests that are integrated with Quality Center server into the KCRT_FG_QC_INFO table.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_REQUESTS_INT	TRANSACTION_ID	PARENT_ TRANSACTION_ID
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_REQUEST_ TYPES_NLS	REQUEST_TYPE_ID	REQUEST_TYPE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
GROUP_ID	NULLABLE	NUMBER	This value is used to tie records in the interface tables together. Most of the database processing is done based on this value. The value must be the same as the parent's GROUP_ID in the KCRT_ REQUESTS_INT table.
TRANSACTION_ID	NULLABLE	NUMBER	System-generated record identifier
PARENT_ TRANSACTION_ID	NULLABLE	NUMBER	Links this table to TRANSACTION_ID in KCRT_ REQUESTS_INT
REQUEST_ID	NULLABLE	NUMBER	Refers to the REQUEST_ID in KCRT_REQUESTS table
REQUEST_TYPE_ ID	NULLABLE	NUMBER	Request type ID used by this request
QC_DOMAIN	NULLABLE	VARCHAR2(128)	Quality Center domain name
QC_PROJECT	NULLABLE	VARCHAR2(64)	Quality Center project name
QC_ REQUIREMENTS_ COVERAGE	NULLABLE	NUMBER	Percentage of tests planned for this requirement that have been run

Column Name	Null?	Data Type	Description
QC_OPEN_ DEFECTS	NULLABLE	NUMBER	Number of open defects in the project
QC_DOMAIN_ID	NULLABLE	NUMBER	ID of Quality Center domain
QC_PROJECT_ID	NULLABLE	NUMBER	ID of the Quality Center project
QC_ASSIGNED_ TO_USER	NULLABLE	VARCHAR2(200)	Username of the user to whom the defect has been assigned in Quality Center
QC_ASSIGNED_ TO_USER_ID	NULLABLE	VARCHAR2(64)	ID of the user to whom the defect has been assigned in Quality Center
QC_ REQUIREMENT_ NO	NULLABLE	NUMBER	Number of the requirement in Quality Center
QC_ REQUIREMENT_ STATUS	NULLABLE	VARCHAR2(100)	Status of the requirement in Quality Center
QC_ REQUIREMENT_ INT_MSG	NULLABLE	VARCHAR2(500)	A message informing you whether the Quality Center integration is working properly or whether there are errors. The message changes when one of the following occurs: a new entity (a requirement or defect) is created in Quality Center by PPM Center, the request is updated in PPM Center by Quality Center, or PPM Center attempts to update Quality Center but encounters an error.
QC_ REQUIREMENT_ ATTACHMENT_ URL	NULLABLE	VARCHAR2(200)	Link to the documents attached to the requirement in Quality Center
QC_INSTANCE	NULLABLE	VARCHAR2(200)	URL of the Quality Center server (instance)

Column Name	Null?	Data Type	Description
QC_INSTANCE_ID	NULLABLE	NUMBER	ID of the Quality Center server (instance)
QC_ DASHBOARD_ SUBJECT	NULLABLE	VARCHAR2(255)	Name of the Quality Center Dashboard subject mapped to the Quality Center project that contains this defect
QC_ REQUIREMENT_ ATT_URL_ID	NULLABLE	VARCHAR2(200)	Quality Center requirement attachments URL

Indexes

This table uses no indexes.

Sequences

This table uses no sequences.

KCRT_FG_SERVICE

This table stores service.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_REQUEST_ TYPES_NLS	REQUEST_TYPE_ID	REQUEST_TYPE_ID
KNTA_SERVICES_NLS	SERVICE_ID	SERVICE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
REQUEST_ID	NOT NULL	NUMBER	System-generated identifier
REQUEST_ TYPE_ID	NOT NULL	NUMBER	Request type ID
SERVICE_ID	NULLABLE	VARCHAR2(40)	Service ID
SERVICE_NAME	NULLABLE	VARCHAR2(255)	Service name

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_FG_ SERVICE_U1	UNIQUE	1	REQUEST_ID

Sequences

This table uses no sequences.

KCRT_FG_SERVICE_INT

This table stores information for importing services into the KCRT_FG_SERVICE table.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_TRANSACTIONS	TRANSACTION_ID	PARENT_TRANSACTION_ID
KCRT_FG_CMQC_APP_PROJECT	REQUEST_ID	REQUEST_ID
KCRT_TEMP_BATCH_UPDATE	REQUEST_ID	REQUEST_ID
KCRT_FG_CMDB_APPLICATION	REQUEST_ID	REQUEST_ID
FND_CONCURRENT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_FG_WORK_ITEMS	REQUEST_ID	REQUEST_ID
KCRT_FG_UCMDB	REQUEST_ID	REQUEST_ID
KCRT_FG_SLA	REQUEST_ID	REQUEST_ID
KCRT_FG_SERVICE	REQUEST_ID	REQUEST_ID
KCRT_FG_CMQC_PROJECT_STATUS	REQUEST_ID	REQUEST_ID
KCRT_FG_CMQC_QC_ADMIN	REQUEST_ID	REQUEST_ID
KCRT_FG_CMQC_QC_INSTANCE	REQUEST_ID	REQUEST_ID
KCRT_FG_CMQC_TEST_PROJECT	REQUEST_ID	REQUEST_ID
KCRT_FG_CMQC_TEST_STATUS	REQUEST_ID	REQUEST_ID
KCRT_FG_DEMAND_SCHEDULE	REQUEST_ID	REQUEST_ID
KCRT_FG_IMPACT_ANALYSIS	REQUEST_ID	REQUEST_ID
KCRT_FG_MASTER_PROJ_REF	REQUEST_ID	REQUEST_ID
KCRT_FG_PFM_ASSET	REQUEST_ID	REQUEST_ID
KCRT_FG_PFM_PROJECT	REQUEST_ID	REQUEST_ID
KCRT_FG_PFM_PROPOSAL	REQUEST_ID	REQUEST_ID
KCRT_FG_PROG_ISSUE	REQUEST_ID	REQUEST_ID
KCRT_FG_PROG_REFERENCE	REQUEST_ID	REQUEST_ID
KCRT_FG_PROG_RESOURCE_REQ	REQUEST_ID	REQUEST_ID

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_FG_PROG_RISK	REQUEST_ID	REQUEST_ID
KCRT_FG_PROJ_ISSUE	REQUEST_ID	REQUEST_ID
KCRT_FG_PROJ_RISK	REQUEST_ID	REQUEST_ID
KCRT_FG_PROJ_SCOPE_CHANGE	REQUEST_ID	REQUEST_ID
KCRT_FG_QC_DEFECT_INFO	REQUEST_ID	REQUEST_ID
KCRT_FG_QC_INFO	REQUEST_ID	REQUEST_ID
KCRT_REQUEST_TYPES_NLS	REQUEST_TYPE_ ID	REQUEST_TYPE_ ID
KNTA_SERVICES_NLS	SERVICE_ID	SERVICE_ID
KRSC_ORG_UNITS_INT	TRANSACTION_ID	TRANSACTION_ID
KNTA_USERS_INT	TRANSACTION_ID	TRANSACTION_ID
KWFL_TRANSACTIONS_INT	TRANSACTION_ID	TRANSACTION_ID
KWFL_STEP_TRANSITIONS_INT	TRANSACTION_ID	TRANSACTION_ID
KNTA_USER_SECURITY_INT	TRANSACTION_ID	TRANSACTION_ID
KRSC_ORG_UNIT_MEMBERS_INT	TRANSACTION_ID	TRANSACTION_ID
KCRT_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID

Column Descriptions

Column Name	Null?	Data Type	Description
GROUP_ID	NULLABLE	NUMBER	System-generated identifier
TRANSACTION_ID	NULLABLE	NUMBER	Transaction ID
PARENT_ TRANSACTION_ID	NULLABLE	NUMBER	Parent transaction ID
REQUEST_ID	NOT NULL	NUMBER	Request ID
REQUEST_TYPE_ID	NOT NULL	NUMBER	Request type ID
SERVICE_ID	NULLABLE	VARCHAR2(40)	Service ID
SERVICE_NAME	NULLABLE	VARCHAR2(255)	Service name

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_FG_SERVICE_INT_N1	NONUNIQUE	1	GROUP_ID
KCRT_FG_SERVICE_INT_N1	NONUNIQUE	2	TRANSACTION_ID

Sequences

This table uses no sequences.

KCRT_FG_SLA

If the HP Demand Management SLA field group is linked to a request's request header type, a row will exist in this table for the request.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_REQUEST_TYPES_NLS	REQUEST_TYPE_ID	REQUEST_TYPE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
REQUEST_ID	NOT NULL	NUMBER	Request identifier
REQUEST_TYPE_ID	NOT NULL	NUMBER	Request type used by the request
SERVICE_REQUESTED_DATE	NULLABLE	DATE	Date that the service was requested
SLA_LEVEL_CODE	NULLABLE	VARCHAR2(30)	Service level agreement level. See lookup type 'DEM - SLA Level'
SLA_LEVEL	NULLABLE	VARCHAR2(100)	Service level agreement level. See lookup type 'DEM - SLA Level'
VIOLATION_DATE	NULLABLE	DATE	Date that the SLA rule was violated
SERVICE_SATISFIED_DATE	NULLABLE	DATE	Date that the service was satisfied

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_FG_SLA_U1	NONUNIQUE	1	REQUEST_ID

Sequences

This table uses no sequences.

KCRT_FG_SLA_INT

This table is a child table of KCRT_REQUESTS_INT. This table is used to import data into KCRT_FG_SLA. This table is processed through the java report that calls a PL/SQL package that can be run either from the command line or through the report job scheduler. This allows the user to immediately run the interface while also allowing for scheduled processing. The PL/SQL package queries this table, validates against appropriate tables and imports into the production tables. It can also release the request, depending on its status, by calling the Workflow APIs.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_REQUESTS_INT	TRANSACTION_ID	PARENT_ TRANSACTION_ID
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_REQUEST_ TYPES_NLS	REQUEST_TYPE_ID	REQUEST_TYPE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
GROUP_ID	NOT NULL	NUMBER	Value used to tie records in the interface tables together. Most of the database processing is done based on this value. The value must be the same as the parent's group_ID in the KCRT_ REQUESTS_INT table.
TRANSACTION_ ID	NOT NULL	NUMBER	System-generated record identifier
PARENT_ TRANSACTION_ ID	NOT NULL	NUMBER	Links this table to TRANSACTION_ID in KCRT_ REQUESTS_INT
REQUEST_ID	NULLABLE	NUMBER	Refers to the REQUEST_ID in the KCRT_REQUESTS table
REQUEST_ TYPE_ID	NULLABLE	NUMBER	Request type ID used by this request

Column Name	Null?	Data Type	Description
SERVICE_ REQUESTED_ DATE	NULLABLE	DATE	Date that the service was requested
SLA_LEVEL_ CODE	NULLABLE	VARCHAR2(30)	Service level agreement level. See lookup type 'DEM - SLA Level'
SLA_LEVEL	NULLABLE	VARCHAR2(100)	Service level agreement level. See lookup type 'DEM - SLA Level'
VIOLATION_ DATE	NULLABLE	DATE	Date that the SLA rule was violated
SERVICE_ SATISFIED_DATE	NULLABLE	DATE	Date that the service was satisfied

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_FG_SLA_ INT_N1	NONUNIQUE	1	GROUP_ID
KCRT_FG_SLA_ INT_N1	NONUNIQUE	2	TRANSACTION_ ID

Sequences

This table uses no sequences.

KCRT_FG_UCMDB

This table stores information for PPM-uCMDB integration.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_REQUEST_TYPES_NLS	REQUEST_TYPE_ID	REQUEST_TYPE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
REQUEST_ID	NOT NULL	NUMBER	Request ID of the request that contains the configuration items
REQUEST_TYPE_ID	NOT NULL	NUMBER	Request type ID of the request that contains the configuration items
UCMDB_CI_LIST	NULLABLE	VARCHAR2(4000)	Comma-separated list of configuration item IDs
UCMDB_REPORT_VALUE	NULLABLE	VARCHAR2(255)	Refer to KNTA_DOCUMENTS.DOCUMENT_ID
UCMDB_REPORT_MEANING	NULLABLE	VARCHAR2(255)	Refer to KNTA_DOCUMENTS.NAME and KNTA_DOCUMENTS.EXTENTION

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_FG_UCMDB_U1	UNIQUE	1	REQUEST_ID

Sequences

This table uses no sequences.

KCRT_FG_UCMDB_INT

This table is a child table of KCRT_REQUESTS_INT. This table is used to import data into KCRT_FG_UCMDB. This table is processed through the java report that calls a PL/SQL package that can be run either from the command line or through the report job scheduler. This allows the user to immediately run the interface while also allowing for scheduled processing. The PL/SQL package queries this table, validates against appropriate tables and imports into the production tables.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_REQUESTS_INT	TRANSACTION_ID	PARENT_ TRANSACTION_ID
KCRT_FG_CMDB_APPLICATION	REQUEST_ID	REQUEST_ID
KCRT_FG_DEMAND_SCHEDULE	REQUEST_ID	REQUEST_ID
KCRT_FG_SLA	REQUEST_ID	REQUEST_ID
KCRT_FG_WORK_ITEMS	REQUEST_ID	REQUEST_ID
KCRT_TEMP_BATCH_UPDATE	REQUEST_ID	REQUEST_ID
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_FG_PROG_REFERENCE	REQUEST_ID	REQUEST_ID
KCRT_FG_QC_INFO	REQUEST_ID	REQUEST_ID
KCRT_FG_PFM_ASSET	REQUEST_ID	REQUEST_ID
KCRT_FG_UCMDB	REQUEST_ID	REQUEST_ID
KCRT_FG_PFM_PROJECT	REQUEST_ID	REQUEST_ID
KCRT_FG_PFM_PROPOSAL	REQUEST_ID	REQUEST_ID
KCRT_FG_IMPACT_ANALYSIS	REQUEST_ID	REQUEST_ID
KCRT_FG_PROJ_ISSUE	REQUEST_ID	REQUEST_ID
KCRT_FG_CMQC_PROJECT_ STATUS	REQUEST_ID	REQUEST_ID
KCRT_FG_CMQC_QC_ADMIN	REQUEST_ID	REQUEST_ID
KCRT_FG_CMQC_TEST_ PROJECT	REQUEST_ID	REQUEST_ID
KCRT_FG_PROG_ISSUE	REQUEST_ID	REQUEST_ID
KCRT_FG_CMQC_QC_INSTANCE	REQUEST_ID	REQUEST_ID

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_FG_CMQC_TEST_STATUS	REQUEST_ID	REQUEST_ID
KCRT_FG_PROJ_SCOPE_ CHANGE	REQUEST_ID	REQUEST_ID
KCRT_FG_CMQC_APP_PROJECT	REQUEST_ID	REQUEST_ID
KCRT_FG_MASTER_PROJ_REF	REQUEST_ID	REQUEST_ID
KCRT_FG_PROJ_RISK	REQUEST_ID	REQUEST_ID
KCRT_FG_QC_DEFECT_INFO	REQUEST_ID	REQUEST_ID
KCRT_FG_PROG_RESOURCE_ REQ	REQUEST_ID	REQUEST_ID
KCRT_REQUEST_TYPES_NLS	REQUEST_TYPE_ID	REQUEST_TYPE_ID
KWFL_TRANSACTIONS_INT	TRANSACTION_ID	TRANSACTION_ID
KRSC_ORG_UNITS_INT	TRANSACTION_ID	TRANSACTION_ID
KWFL_STEP_TRANSITIONS_INT	TRANSACTION_ID	TRANSACTION_ID
KRSC_ORG_UNIT_MEMBERS_INT	TRANSACTION_ID	TRANSACTION_ID
KNTA_USER_SECURITY_INT	TRANSACTION_ID	TRANSACTION_ID
KNTA_USERS_INT	TRANSACTION_ID	TRANSACTION_ID
KCRT_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID

Column Descriptions

Column Name	Null?	Data Type	Description
GROUP_ID	NOT NULL	NUMBER	System-generated identifier
TRANSACTION_ID	NOT NULL	NUMBER	System-generated identifier
PARENT_ TRANSACTION_ID	NOT NULL	NUMBER	System-generated identifier of the parent transaction
REQUEST_ID	NULLABLE	NUMBER	Request Id
REQUEST_TYPE_ ID	NULLABLE	NUMBER	Request type ID

Column Name	Null?	Data Type	Description
UCMDB_CI_LIST	NULLABLE	VARCHAR2(4000)	uCMDB Configure Item list
UCMDB_REPORT_VALUE	NULLABLE	VARCHAR2(255)	Refer to KNTA_DOCUMENTS.DOCUMENT_ID
UCMDB_REPORT_MEANING	NULLABLE	VARCHAR2(255)	Refer to KNTA_DOCUMENTS.NAME and KNTA_DOCUMENTS.EXTENTION

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_FG_UCMDB_INT_N1	NONUNIQUE	1	GROUP_ID
KCRT_FG_UCMDB_INT_N1	NONUNIQUE	2	TRANSACTION_ID

Sequences

This table does not use any Sequences.

KCRT_FG_WORK_ITEMS

If the Work Items field group is linked to a request's request header type, a row will exist in this table for the request. Defines columns so that a request can be scheduled and can be viewed in Workload visualizations.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
RSC_ROLES_NLS	ROLE_ID	ROLE_ID
KCRT_REQUEST_TYPES_NLS	REQUEST_TYPE_ID	REQUEST_TYPE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
REQUEST_ID	NOT NULL	NUMBER	Request identifier
REQUEST_TYPE_ID	NOT NULL	NUMBER	Request type used by the request
WORKLOAD_FLAG	NULLABLE	VARCHAR2(1)	Determines whether this request is to be considered workload in visualizations (Y/N).
WORKLOAD_FLAG_MEANING	NULLABLE	VARCHAR2(200)	Meaning of workload_flag
WORKLOAD_CATEGORY_CODE	NULLABLE	VARCHAR2(30)	Lookup code of 'RSC - Workload Category Code'
WORKLOAD_CATEGORY_MEANING	NULLABLE	VARCHAR2(200)	Lookup meaning of 'RSC - Workload Category Code'
ALLOW_EXTERNAL_UPDATE_FLAG	NULLABLE	VARCHAR2(1)	Determines whether this request can be updated by HP Time Management (Y/N).
USR_SCHEDULED_START_DATE	NULLABLE	DATE	Scheduled Start Date formatted for viewing

Column Name	Null?	Data Type	Description
USR_ SCHEDULED_ FINISH_DATE	NULLABLE	DATE	Scheduled Finish Date formatted for viewing
SCHEDULED_ START_DATE	NULLABLE	DATE	Date on which work on the request is scheduled to start
SCHEDULED_ FINISH_DATE	NULLABLE	DATE	Date on which work on the request is scheduled to end.
SCHEDULED_ EFFORT	NULLABLE	NUMBER	Number of hours estimated to be worked on the request
SCHEDULED_ DURATION	NULLABLE	NUMBER	Number of days over which work on this request will take place not including non-working days
SCHED_EFF_ OVER_DUR	NULLABLE	NUMBER	Ratio of Scheduled Effort/ Duration. Used for defaulting logic
USR_ACTUAL_ START_DATE	NULLABLE	DATE	Actual Start Date formatted for viewing
USR_ACTUAL_ FINISH_DATE	NULLABLE	DATE	Actual Finish Date formatted for viewing
ACTUAL_START_ DATE	NULLABLE	DATE	Date on which work on the request started
ACTUAL_FINISH_ DATE	NULLABLE	DATE	Date on which work on the request ended
ACTUAL_ EFFORT	NULLABLE	NUMBER	Number of hours worked on the request
ACTUAL_ DURATION	NULLABLE	NUMBER	Number of days over which work on this request took place not including non-working days

Column Name	Null?	Data Type	Description
ACTUAL_EFF_OVER_DUR	NULLABLE	NUMBER	Ratio of Actual Effort to Duration. Used for defaulting logic.
ROLE_ID	NULLABLE	NUMBER	Role of the resource that is assigned to the item
ROLE_NAME	NULLABLE	VARCHAR2(200)	Name of the role represented by ROLE_ID

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_FG_WORK_ITEMS_N1	NONUNIQUE	1	ROLE_ID
KCRT_FG_WORK_ITEMS_N2	NONUNIQUE	1	WORKLOAD_FLAG
KCRT_FG_WORK_ITEMS_N2	NONUNIQUE	2	WORKLOAD_CATEGORY_CODE
KCRT_FG_WORK_ITEMS_U1	UNIQUE	1	REQUEST_ID

Sequences

This table uses no sequences.

KCRT_FG_WORK_ITEMS_INT

This is a child table of KCRT_REQUESTS_INT. This table is used to import data into the KCRT_FG_WORK_ITEMS table. This table is processed through the java report that calls a PL/SQL package that can be run either from the command line or through the report job scheduler. This allows the user to immediately run the interface while also allowing for scheduled processing. The PL/SQL package queries this table, validates against appropriate tables and imports into the production tables. It can also release the request, depending on its status, by calling the Workflow APIs.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_REQUEST_ TYPES_NLS	REQUEST_TYPE_ID	REQUEST_TYPE_ID
RSC_ROLES_NLS	ROLE_ID	ROLE_ID
KWFL_ TRANSACTIONS_INT	TRANSACTION_ID	PARENT_ TRANSACTION_ID

Column Descriptions

Column Name	Null?	Data Type	Description
WORK_ITEM_ INTERFACE_ID	NULLABLE	NUMBER	System-generated ID
GROUP_ID	NULLABLE	NUMBER	Value used to tie records in the interface tables together. Most of the database processing is done based on this value. The value must be the same as the parent's group_ID in the KCRT_ REQUESTS_INT table.
TRANSACTION_ ID	NULLABLE	NUMBER	System-generated record identifier
PARENT_ TRANSACTION_ ID	NULLABLE	NUMBER	Links this table to TRANSACTION_ID in the KCRT_REQUESTS_INT table

Column Name	Null?	Data Type	Description
PROCESS_ PHASE	NULLABLE	NUMBER	Determines where the record is in the interface process: 1 -- Pending, 2 -- Validating, 3 -- Importing
PROCESS_ STATUS	NULLABLE	NUMBER	Determines the current status of the interface record: 1 -- Pending, 2 -- In-Process, 3 -- Errored, 4 -- Completed.
REQUEST_ID	NULLABLE	NUMBER	Refers to the request_id in KCRT_REQUESTS table
REQUEST_ TYPE_ID	NULLABLE	NUMBER	Request type ID used by this request
WORKLOAD_ FLAG	NULLABLE	VARCHAR2(1)	Determines whether this request should be considered workload in visualizations (Y/N)
WORKLOAD_ FLAG_MEANING	NULLABLE	VARCHAR2(200)	Meaning of the workload_ flag
WORKLOAD_ CATEGORY_ CODE	NULLABLE	VARCHAR2(30)	Lookup code for 'RSC - Workload Category Code'
WORKLOAD_ CATEGORY_ MEANING	NULLABLE	VARCHAR2(200)	Lookup meaning of 'RSC - Workload Category Code'
ALLOW_ EXTERNAL_ UPDATE_FLAG	NULLABLE	VARCHAR2(1)	Determines whether this request can be updated by Time Management (Y/N)
USR_ SCHEDULED_ START_DATE	NULLABLE	DATE	Scheduled Start Date formatted for viewing
USR_ SCHEDULED_ FINISH_DATE	NULLABLE	DATE	Scheduled Finish Date formatted for viewing
SCHEDULED_ START_DATE	NULLABLE	DATE	Date on which work on the request is scheduled to start
SCHEDULED_ FINISH_DATE	NULLABLE	DATE	Date on which work on the request is scheduled to end

Column Name	Null?	Data Type	Description
SCHEDULED_ EFFORT	NULLABLE	NUMBER	Estimated number of hours to be worked on the request
SCHEDULED_ DURATION	NULLABLE	NUMBER	Number of days over which work on this request will take place, not including non-working days
SCHED_EFF_ OVER_DUR	NULLABLE	NUMBER	Ratio of Scheduled Effort to Duration. Used for defaulting logic.
USR_ACTUAL_ START_DATE	NULLABLE	DATE	Actual Start Date formatted for viewing
USR_ACTUAL_ FINISH_DATE	NULLABLE	DATE	Actual Finish Date formatted for viewing
ACTUAL_START_ DATE	NULLABLE	DATE	Date on which work on the request started
ACTUAL_FINISH_ DATE	NULLABLE	DATE	Date on which work on the request ended
ACTUAL_ EFFORT	NULLABLE	NUMBER	Number of hours worked on the request
ACTUAL_ DURATION	NULLABLE	NUMBER	Number of days over which work on this request took place, not including non-working days
ACTUAL_EFF_ OVER_DUR	NULLABLE	NUMBER	Ratio of Actual Effort to Duration. Used for defaulting logic.
ROLE_ID	NULLABLE	NUMBER	Role of the resource that is assigned to the item
ROLE_NAME	NULLABLE	VARCHAR2(200)	Name of the role represented by ROLE_ID

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_FG_WORK_ ITEMS_INT_N1	NONUNIQUE	1	GROUP_ID
KCRT_FG_WORK_ ITEMS_INT_N1	NONUNIQUE	2	TRANSACTION_ID
KCRT_FG_WORK_ ITEMS_INT_N2	NONUNIQUE	1	REQUEST_ID

Sequences

This table uses no sequences.

KCRT_FIELD_DEPENDENCIES

This table stores the field updateable and required attributes associated with the issue type status.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_PARAM_SET_ FIELDS_NLS	PARAMETER_SET_ FIELD_ID	PARAMETER_SET_ FIELD_ID
KCRT_REQUEST_ TYPE_STATUSES	REQUEST_TYPE_ STATUS_ID	REQUEST_TYPE_ STATUS_ID

Column Descriptions

Column Name	Null?	Data Type	Description
FIELD_ DEPENDENCY_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	User who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date the record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	User who last updated the record
REQUEST_TYPE_ STATUS_ID	NOT NULL	NUMBER	Request type status associated with this record
PARAMETER_SET_ FIELD_ID	NOT NULL	NUMBER	Parameter field associated with this record
HEADER_FIELD_ FLAG	NOT NULL	VARCHAR2(1)	Indicates whether this field is a header field
REQUIRED_FIELD_ FLAG	NOT NULL	VARCHAR2(1)	Indicates whether this field is a required field
DISABLED_FIELD_ FLAG	NOT NULL	VARCHAR2(1)	Indicates whether this field is available for use

Column Name	Null?	Data Type	Description
CLEAR_FIELD_ FLAG	NOT NULL	VARCHAR2(1)	Indicates whether this field is to be cleared
RECONFIRM_ FIELD_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether this field is to require reconfirmation.
SOURCE_TYPE_ CODE	NULLABLE	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, and so on)
SOURCE	NULLABLE	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.
VISIBLE_FIELD_ FLAG	NOT NULL	VARCHAR2(1)	Flag that determines whether the field is visible to the end user

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_FIELD_ DEPENDENCIES_N1	NONUNIQUE	1	REQUEST_TYPE_ STATUS_ID
KCRT_FIELD_ DEPENDENCIES_N1	NONUNIQUE	2	PARAMETER_SET_ FIELD_ID
KCRT_FIELD_ DEPENDENCIES_U1	UNIQUE	1	FIELD_ DEPENDENCY_ID

Sequences

Sequence Name	Sequence Type
KCRT_FIELD_ DEPENDENCIES_S	FIELD_DEPENDENCY_ ID

KCRT_FLS_VISIBILITY

This table stores information about the existence of visibility security on a request. It stores the request's type, header type, and user data context, and indicates whether field-level security has been set on any of the fields. This is a one-to-one table with KCRT_REQUESTS.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_REQUEST_ HEADER_TYPES_NLS	REQUEST_HEADER_ TYPE_ID	REQUEST_HEADER_ TYPE_ID
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_REQUEST_ TYPES_NLS	REQUEST_TYPE_ID	REQUEST_TYPE_ID
KNTA_PARAMETER_ SET_CONTEXTS	PARAMETER_SET_ CONTEXT_ID	USER_DATA_SET_ CONTEXT_ID

Column Descriptions

Column Name	Null?	Data Type	Description
FLS_VISIBILITY_ID	NOT NULL	NUMBER	System-generated identifier
REQUEST_ID	NOT NULL	NUMBER	ID of the request for which security information is stored
REQUEST_TYPE_ID	NOT NULL	NUMBER	ID of the request's type
REQUEST_HEADER_ TYPE_ID	NOT NULL	NUMBER	ID of the request's header type
USER_DATA_SET_ CONTEXT_ID	NOT NULL	NUMBER	Parameter-set context identifier for the user data fields

Column Name	Null?	Data Type	Description
RHT_VISIBILITY_SEC_EXISTS_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether the request header type has field-level security set
RT_VISIBILITY_SEC_EXISTS_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether the request type has field-level security set
UD_VISIBILITY_SEC_EXISTS_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether request user data has field-level security set

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_FLS_VISIBILITY_N1	NONUNIQUE	1	REQUEST_TYPE_ID
KCRT_FLS_VISIBILITY_N2	NONUNIQUE	1	REQUEST_HEADER_TYPE_ID
KCRT_FLS_VISIBILITY_N3	NONUNIQUE	1	USER_DATA_SET_CONTEXT_ID
KCRT_FLS_VISIBILITY_U1	UNIQUE	1	FLS_VISIBILITY_ID
KCRT_FLS_VISIBILITY_U2	UNIQUE	1	REQUEST_ID

Sequences

Sequence Name	Sequence Type
KCRT_FLS_VISIBILITY_S	FLS_VISIBILITY_ID

KCRT_HDR_TYPES_FIELD_GROUPS

This table joins KCRT_REQUEST_HEADER_TYPES and KNTA_FIELD_GROUPS. When a field group is linked to a request header type, a row is added to this table. The row is removed when the field group is unlinked from the request header type.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	CREATED_BY
KNTA_FIELD_GROUPS_NLS	FIELD_GROUP_ID	FIELD_GROUP_ID
KCRT_REQUEST_HEADER_TYPES_NLS	REQUEST_HEADER_TYPE_ID	REQUEST_HEADER_TYPE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
HDR_TYPES_FIELD_GROUP_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
REQUEST_HEADER_TYPE_ID	NOT NULL	NUMBER	Identifier for the linked request header type

Column Name	Null?	Data Type	Description
FIELD_GROUP_ID	NOT NULL	NUMBER	Identifier for the linked field group
SOURCE	NULLABLE	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.
SOURCE_TYPE_ CODE	NULLABLE	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, and so on)

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_HDR_TYPES_ FIELD_GROUPS_N1	NONUNIQUE	1	REQUEST_ HEADER_TYPE_ID
KCRT_HDR_TYPES_ FIELD_GROUPS_U1	UNIQUE	1	HDR_TYPES_ FIELD_GROUP_ID

Sequences

Sequence Name	Sequence Type
KCRT_HDR_TYPES_ FIELD_GROUPS_S	HDR_TYPES_FIELD_ GROUP_ID

KCRT_RBU_TEMP_STEP_IDS

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
WORKFLOW_ STEP_ID	NULLABLE	NUMBER	System-generated identifier

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_RBU_ TEMP_STEP_ IDS_N1	NONUNIQUE	1	WORKFLOW_ STEP_ID

Sequences

This table uses no sequences.

KCRT_REQ_HEADER_DETAILS

This table stores information about request header details for HP Demand Management.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_REQUEST_TYPES_NLS	REQUEST_TYPE_ID	REQUEST_TYPE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
REQ_HEADER_DETAIL_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
REQUEST_ID	NOT NULL	NUMBER	Unique identifier that identifies which request the header details belong to
REQUEST_TYPE_ID	NOT NULL	NUMBER	Unique identifier that identifies the type of request this header details belongs to
BATCH_NUMBER	NOT NULL	NUMBER	Data batch number associated with the request

Column Name	Null?	Data Type	Description
PARAMETER1-40	NULLABLE	VARCHAR2(200)	User data segment
VISIBLE_ PARAMETER1-40	NULLABLE	VARCHAR2(200)	User data segment
PARAMETER41-50	NULLABLE	VARCHAR2(4000)	User data segment
VISIBLE_ PARAMETER41-50	NULLABLE	VARCHAR2(4000)	User data segment

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_REQ_HEADER_ DETAILS_U1	UNIQUE	1	REQ_HEADER_ DETAIL_ID
KCRT_REQ_HEADER_ DETAILS_U2	UNIQUE	1	REQUEST_ID
KCRT_REQ_HEADER_ DETAILS_U2	UNIQUE	2	REQUEST_TYPE_ ID
KCRT_REQ_HEADER_ DETAILS_U2	UNIQUE	3	BATCH_NUMBER

Sequences

Sequence Name	Sequence Type
KCRT_REQ_HEADER_ DETAILS_S	REQ_HEADER_DETAIL_ID

KCRT_REQ_HEADER_DETAILS_ARCH

This table stores information about archived request header details for HP Demand Management.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_REQUEST_ TYPES_NLS	REQUEST_TYPE_ID	REQUEST_TYPE_ID
KCRT_REQ_HEADER_ DETAILS	REQ_HEADER_ DETAIL_ID	REQ_HEADER_ DETAIL_ID

Column Descriptions

Column Name	Null?	Data Type	Description
REQ_HEADER_ DETAIL_ARCH_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
ARCHIVE_DATE	NOT NULL	DATE	Date the request header was archived
ARCHIVED_BY	NOT NULL	NUMBER	Resource that archived the request header details
REQ_HEADER_ DETAIL_ID	NOT NULL	NUMBER	Unique identifier for the request header detail that was archived
REQUEST_ID	NOT NULL	NUMBER	Unique identifier for the request that the header details belong to

Column Name	Null?	Data Type	Description
REQUEST_TYPE_ID	NOT NULL	NUMBER	Unique identifier for the type of request that this header details belongs to
BATCH_NUMBER	NOT NULL	NUMBER	Data batch number associated with the request
PARAMETER1-40	NULLABLE	VARCHAR2(200)	User data segment
VISIBLE_ PARAMETER1-40	NULLABLE	VARCHAR2(200)	User data segment
PARAMETER41-50	NULLABLE	VARCHAR2(4000)	User data segment
VISIBLE_ PARAMETER41-50	NULLABLE	VARCHAR2(4000)	User data segment

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_REQ_HEADER_ DETAIL_ARCH_U1	UNIQUE	1	REQ_HEADER_ DETAIL_ARCH_ID

Sequences

Sequence Name	Sequence Type
KCRT_REQ_HEADER_ DETAILS_ARCH_S	REQ_HEADER_DETAIL_ ARCH_ID

KCRT_REQ_HEADER_DETAILS_INT

This table stores information about the request header details interface for HP Demand Management.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_REQUESTS_INT	TRANSACTION_ID	PARENT_ TRANSACTION_ID
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_REQUEST_ TYPES_NLS	REQUEST_TYPE_ID	REQUEST_TYPE_ID
KCRT_REQ_HEADER_ DETAILS	REQ_HEADER_DETAIL_ ID	REQ_HEADER_DETAIL_ ID

Column Descriptions

Column Name	Null?	Data Type	Description
GROUP_ID	NOT NULL	NUMBER	System-generated identifier
TRANSACTION_ID	NOT NULL	NUMBER	Transaction identifier
PARENT_ TRANSACTION_ID	NOT NULL	NUMBER	Parent transaction identifier
REQ_HEADER_ DETAIL_ID	NULLABLE	NUMBER	Unique identifier that identifies the request header details
REQUEST_ID	NULLABLE	NUMBER	Unique identifier for which request the header details belong to
REQUEST_TYPE_ ID	NULLABLE	NUMBER	Unique identifier for the type of request this header details belongs to
BATCH_NUMBER	NULLABLE	NUMBER	Data batch number associated with the request
PARAMETER1-40	NULLABLE	VARCHAR2(200)	User data segment
VISIBLE_ PARAMETER1-40	NULLABLE	VARCHAR2(200)	User data segment
PARAMETER41-50	NULLABLE	VARCHAR2(4000)	User data segment

Column Name	Null?	Data Type	Description
VISIBLE_ PARAMETER41-50	NULLABLE	VARCHAR2(4000)	User data segment
LOOKUP_TYPE1-50	NULLABLE	VARCHAR2(80)	User data segment
VALIDATION_ TYPE_CODE1-50	NULLABLE	VARCHAR2(30)	User data segment

Indexes

This table uses no indexes.

Sequences

This table uses no sequences.

KCRT_REQ_TYPE_ACTIVITY_LIST

This table stores the list of valid activities for a specific request type. This table is only used when the TM_SETTING_ALL_ACT column in the PPM_RESOURCE_SETTINGS table is set to N.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_REQUEST_TYPES_NLS	REQUEST_TYPE_ID	REQUEST_TYPE_ID
ITG_ACTIVITIES_NLS	ACTIVITY_ID	ACTIVITY_ID

Column Descriptions

Column Name	Null?	Data Type	Description
REQUEST_TYPE_ACTIVITY_ID	NULLABLE	NUMBER	System-generated identifier
REQUEST_TYPE_ID	NULLABLE	NUMBER	Request type ID. Primary key from the KCRT_REQUEST_TYPES_NLS table.
ACTIVITY_ID	NULLABLE	NUMBER	Activity ID. Primary key from the ITG_ACTIVITY_NLS table.

Indexes

This table does not use any Indexes.

Sequences

Sequence Name	Sequence Type
KCRT_REQ_TYPE_ACTIVITY_LIST_S	REQUEST_TYPE_ACTIVITY_ID

KCRT_REQUEST_DETAILS

This table is used to store the details of a request. A request has only one active detail at any one time.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	PARAMETER_SET_CONTEXT_ID
KCRT_REQUEST_TYPES_NLS	REQUEST_TYPE_ID	REQUEST_TYPE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
REQUEST_DETAIL_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
REQUEST_ID	NOT NULL	NUMBER	Request identifier
REQUEST_TYPE_ID	NOT NULL	NUMBER	Identifier for the request type chosen for this request
BATCH_NUMBER	NOT NULL	NUMBER	Batch the parameter fields belong to
PARAMETER_SET_CONTEXT_ID	NULLABLE	NUMBER	Parameter set context associated with the request type chosen for this request

Column Name	Null?	Data Type	Description
PARAMETER1-40	NULLABLE	VARCHAR2(200)	Request Detail parameter
VISIBLE_ PARAMETER1-40	NULLABLE	VARCHAR2(200)	Request Detail parameter
PARAMETER41-50	NULLABLE	VARCHAR2(4000)	Request Detail parameter
VISIBLE_ PARAMETER41-50	NULLABLE	VARCHAR2(4000)	Request Detail parameter

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_REQUEST_ DETAILS_N1	NONUNIQUE	1	REQUEST_ID
KCRT_REQUEST_ DETAILS_N2	NONUNIQUE	1	REQUEST_TYPE_ ID
KCRT_REQUEST_ DETAILS_N3	NONUNIQUE	1	REQUEST_ID
KCRT_REQUEST_ DETAILS_N3	NONUNIQUE	2	BATCH_NUMBER
KCRT_REQUEST_ DETAILS_U1	UNIQUE	1	REQUEST_ DETAIL_ID

Sequences

Sequence Name	Sequence Type
KCRT_REQUEST_ DETAILS_S	REQUEST_DETAIL_ID

KCRT_REQUEST_DETAILS_ARCH

This table stores the backup KCRT_REQUEST_DETAILS data. The request backs up the REQUEST_DETAILS data when a user changes the request type of the request.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	PARAMETER_SET_CONTEXT_ID
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_REQUEST_TYPES_NLS	REQUEST_TYPE_ID	REQUEST_TYPE_ID
KNTA_USERS	USER_ID	ARCHIVED_BY
KNTA_USERS	USER_ID	CREATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
REQUEST_DETAIL_ARCH_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
ARCHIVE_DATE	NOT NULL	DATE	Date record was archived
ARCHIVED_BY	NOT NULL	NUMBER	Identifies the user who archived the record
REQUEST_ID	NOT NULL	NUMBER	Request identifier
REQUEST_TYPE_ID	NOT NULL	NUMBER	Identifies the original request type chosen for this request

Column Name	Null?	Data Type	Description
BATCH_NUMBER	NOT NULL	NUMBER	Defines which batch the parameter fields belong to
PARAMETER_ SET_CONTEXT_ ID	NULLABLE	NUMBER	Identifies the parameter set context associated with the original request type chosen for this request
PARAMETER1-40	NULLABLE	VARCHAR2(200)	REQUEST_DETAILS_ARCH parameter
VISIBLE_ PARAMETER1-40	NULLABLE	VARCHAR2(200)	REQUEST_DETAILS_ARCH parameter
PARAMETER41-50	NULLABLE	VARCHAR2(4000)	REQUEST_DETAILS_ARCH parameter
VISIBLE_ PARAMETER41-50	NULLABLE	VARCHAR2(4000)	REQUEST_DETAILS_ARCH parameter

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_REQUEST_DETAILS_ ARCH_N1	NONUNIQUE	1	REQUEST_ID
KCRT_REQUEST_DETAILS_ ARCH_N1	NONUNIQUE	2	REQUEST_ TYPE_ID
KCRT_REQUEST_DETAILS_ ARCH_U1	UNIQUE	1	REQUEST_ DETAIL_ARCH_ ID

Sequences

Sequence Name	Sequence Type
KCRT_REQUEST_ DETAILS_ARCH_S	REQUEST_DETAIL_ ARCH_ID

KCRT_REQUEST_DETAILS_INT

This is a child table of KCRT_REQUESTS_INT. The KCRT_REQUEST_DETAILS_INT corresponds to KCRT_REQUEST_DETAILS tables. This table is processed through the java report that calls a PL/SQL package that can be run either from the command line or through the report job scheduler. This allows the user to immediately run the interface while allowing for scheduled processing. PL/SQL package will query this table, validate against appropriate tables and imports into the production tables. It can also release the request, depending on its status, by calling the Workflow APIs.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	PARAMETER_SET_CONTEXT_ID
KCRT_REQUESTS_INT	TRANSACTION_ID	PARENT_TRANSACTION_ID
KCRT_REQUEST_DETAILS	REQUEST_DETAIL_ID	REQUEST_DETAIL_ID
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_REQUEST_TYPES_NLS	REQUEST_TYPE_ID	REQUEST_TYPE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
GROUP_ID	NOT NULL	NUMBER	System-generated identifier
TRANSACTION_ID	NOT NULL	NUMBER	System-generated record identifier
PARENT_TRANSACTION_ID	NOT NULL	NUMBER	Transaction ID of the parent table being imported
REQUEST_DETAIL_ID	NULLABLE	NUMBER	Refers to the request_detail_id in KCRT_REQUEST_DETAILS table
REQUEST_ID	NULLABLE	NUMBER	Refers to the request_id in KCRT_REQUESTS table

Column Name	Null?	Data Type	Description
REQUEST_ TYPE_ID	NULLABLE	NUMBER	Request type ID used by this request
PARAMETER_ SET_CONTEXT_ ID	NULLABLE	NUMBER	Parameter set context identifier for the configurable parameters of the request
BATCH_NUMBER	NULLABLE	NUMBER	Batch number of the request detail where this PARAMETER field is found
PARAMETER1-40	NULLABLE	VARCHAR2(200)	Request Detail Parameter
VISIBLE_ PARAMETER1-40	NULLABLE	VARCHAR2(200)	Request Detail Parameter
PARAMETER41-50	NULLABLE	VARCHAR2(4000)	Request Detail Parameter
VISIBLE_ PARAMETER41-50	NULLABLE	VARCHAR2(4000)	Request Detail Parameter
LOOKUP_TYPE1-50	NULLABLE	VARCHAR2(80)	Refers to the LOOKUP_ TYPE in KNTA_LOOKUPS
VALIDATION_ TYPE_CODE1-50	NULLABLE	VARCHAR2(30)	Refers to the VALIDATION_ TYPE_CODE in KNTA_ VALIDATIONS

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_REQUEST_ DETAILS_INT_N1	NONUNIQUE	1	GROUP_ID
KCRT_REQUEST_ DETAILS_INT_N1	NONUNIQUE	2	TRANSACTION_ ID

Sequences

This table uses no sequences.

KCRT_REQUEST_HEADER_TYPES

This table stores the request header types. Request types derive attributes from request header types associated with them. Typically header types contain common attributes that can be used by different request types.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KACC_ ACCELERATORS_NLS	ACCELERATOR_ID	ACCELERATOR_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_PARAMETER_ SET_CONTEXTS	PARAMETER_SET_ CONTEXT_ID	USER_DATA_SET_ CONTEXT_ID

Column Descriptions

Column Name	Null?	Data Type	Description
REQUEST_ HEADER_TYPE_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_ BY	NOT NULL	NUMBER	User who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
ENTITY_LAST_ UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
REQUEST_ HEADER_TYPE_ NAME	NOT NULL	VARCHAR2(80)	Name of the header type
DESCRIPTION	NULLABLE	VARCHAR2(240)	Description of the header type
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flag to enable the header type
ACCELERATOR_ID	NULLABLE	NUMBER	Accelerator ID

Column Name	Null?	Data Type	Description
USER_DATA_SET_CONTEXT_ID	NULLABLE	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1-20	NULLABLE	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA1-20	NULLABLE	VARCHAR2(200)	User data segment
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(30)	Source type if added externally or through interface.
SOURCE	NULLABLE	VARCHAR2(100)	Source if added externally or through interface
DEFINITION_LANGUAGE	NOT NULL	VARCHAR2(40)	Definition language in which the record was created
REFERENCE_CODE	NOT NULL	VARCHAR2(200)	Reference code to uniquely identify this record

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_REQUEST_HEADER_TYPES_U1	UNIQUE	1	REQUEST_HEADER_TYPE_ID
KCRT_REQUEST_HEADER_TYPES_U2	UNIQUE	1	REQUEST_HEADER_TYPE_NAME
SYS_C005197093	UNIQUE	1	REFERENCE_CODE

Sequences

Sequence Name	Sequence Type
KCRT_REQUEST_HEADER_TYPES_S	REQUEST_HEADER_TYPE_ID

KCRT_REQUEST_RSC_ACTUALS

This table stores the actuals for the resources assigned to a request.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
REQUEST_RSC_ACTUALS_ID	NULLABLE	NUMBER	System-generated identifier
ACTUAL_EFFORT	NULLABLE	NUMBER	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update.
ACTUAL_START	NULLABLE	DATE	
ACTUAL_FINISH	NULLABLE	DATE	
SCHEDULED_EFFORT	NULLABLE	NUMBER	
FROM_TM_FLAG	NOT NULL	VARCHAR2(1)	Not null column

Indexes

This table uses no indexes.

Sequences

Sequence Name	Sequence Type
KCRT_REQUEST_RSC_ACTUALS_S	REQUEST_RSC_ACTUALS_ID

KCRT_REQUEST_SEARCH_COLUMNS

This table associates each user with their search column configuration per request type that the user had done a search on. A row from this table is associated with one or more rows in the KNTA_RESULT_COLUMNS table, representing a user's search column configuration for a request type.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KCRT_REQUEST_ TYPES_LOC	REQUEST_TYPE_ID	REQUEST_TYPE_ID
KNTA_USERS	USER_ID	USER_ID

Column Descriptions

Column Name	Null?	Data Type	Description
REQUEST_SEARCH_ COLUMN_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
USER_ID	NOT NULL	NUMBER	Identifier for the user who this search column configuration belongs to
REQUEST_TYPE_ID	NOT NULL	NUMBER	Identifier for the request type that this search column configuration is for

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_REQUEST_ SEARCH_COLUMNS_U1	UNIQUE	1	REQUEST_ SEARCH_ COLUMN_ID
KCRT_REQUEST_ SEARCH_COLUMNS_U2	UNIQUE	1	USER_ID
KCRT_REQUEST_ SEARCH_COLUMNS_U2	UNIQUE	2	REQUEST_ TYPE_ID

Sequences

Sequence Name	Sequence Type
KCRT_REQUEST_ SEARCH_COLUMNS_S	REQUEST_SEARCH_ COLUMN_ID

KCRT_REQUEST_SUB_TYPES

This table stores sub request type information. Each request can have some sub-requests linked to it. For example, (REFERENCE) Enhancement has two sub-requests - report and application, so you can distinguish between ER requests from two possible types of application or report.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KCRT_REQUEST_ TYPES_NLS	REQUEST_TYPE_ID	REQUEST_TYPE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
REQUEST_SUB_TYPE_ ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
REQUEST_TYPE_ID	NOT NULL	NUMBER	
REQUEST_SUB_TYPE_ NAME	NOT NULL	VARCHAR2(80)	
DESCRIPTION	NULLABLE	VARCHAR2(240)	
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(30)	

Column Name	Null?	Data Type	Description
SOURCE	NULLABLE	VARCHAR2(100)	
DEFINITION_ LANGUAGE	NOT NULL	VARCHAR2(40)	
REFERENCE_CODE	NOT NULL	VARCHAR2(200)	

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_REQUEST_ SUB_TYPES_N1	NONUNIQUE	1	REQUEST_TYPE_ID
KCRT_REQUEST_ SUB_TYPES_U1	UNIQUE	1	REQUEST_SUB_ TYPE_ID
SYS_C005197116	UNIQUE	1	REFERENCE_CODE

Sequences

This table uses no sequences.

KCRT_REQUEST_TYPE_SECURITY

This table stores granular access information for request types.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KCRT_REQUEST_TYPES_NLS	REQUEST_TYPE_ID	REQUEST_TYPE_ID
KNTA_SECURITY_GROUPS_NLS	SECURITY_GROUP_ID	SECURITY_GROUP_ID
KNTA_USERS	USER_ID	USER_ID

Column Descriptions

Column Name	Null?	Data Type	Description
REQUEST_TYPE_SECURITY_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
REQUEST_TYPE_ID	NOT NULL	NUMBER	Request type this entry is for
CAN_VIEW_CODE	NOT NULL	VARCHAR2(30)	Determines whether the security entry can view the request type
CAN_EDIT_CODE	NOT NULL	VARCHAR2(30)	Determines whether the security entry can edit the request type
CAN_CANCEL_CODE	NOT NULL	VARCHAR2(30)	Determines whether the security entry can cancel the request type

Column Name	Null?	Data Type	Description
CAN_CREATE_ CODE	NOT NULL	VARCHAR2(30)	Determines whether the security entry can create the request type
CAN_DELETE_ CODE	NOT NULL	VARCHAR2(30)	Determines whether the security entry can delete the request type
SECURITY_TYPE_ CODE	NULLABLE	VARCHAR2(80)	Indicates what kind of security entry this is (USER, USER_ID, SECURITY_GROUP, SECURITY_GROUP_ID)
SECURITY_ GROUP_ID	NULLABLE	NUMBER	The security group ID if the type_code is SECURITY_ GROUP_ID
USER_ID	NULLABLE	NUMBER	The user ID if the type code is USER_ID
TOKEN	NULLABLE	VARCHAR2(200)	The token referring to a USER or SECURITY_ GROUP
ROW_TYPE_CODE	NOT NULL	VARCHAR2(30)	The row type can be: SYSTEM:ALL_USERS, SYSTEM:CREATED_BY, SYSTEM:WORKFLOW_ SECURITY, USER, SECURITY_GROUP, STANDARD_TOKEN, or CUSTOM_TOKEN
SOURCE_TYPE_ CODE	NULLABLE	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, and so on)
SOURCE	NULLABLE	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_REQUEST_ TYPE_SECURITY_N1	NONUNIQUE	1	REQUEST_TYPE_ID
KCRT_REQUEST_ TYPE_SECURITY_N2	NONUNIQUE	1	USER_ID
KCRT_REQUEST_ TYPE_SECURITY_N6	NONUNIQUE	1	REQUEST_TYPE_ID
KCRT_REQUEST_ TYPE_SECURITY_N6	NONUNIQUE	2	SECURITY_GROUP_ID
KCRT_REQUEST_ TYPE_SECURITY_U1	UNIQUE	1	REQUEST_TYPE_ SECURITY_ID

Sequences

Sequence Name	Sequence Type
KCRT_REQUEST_TYPE_ SECURITY_S	REQUEST_TYPE_ SECURITY_ID

KCRT_REQUEST_TYPE_STATUSES

This table stores Statuses for user to link to request types.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	CREATED_BY
KCRT_REQUEST_ TYPES_NLS	REQUEST_TYPE_ID	REQUEST_TYPE_ID
KCRT_STATUSES_NLS	STATUS_ID	STATUS_ID

Column Descriptions

Column Name	Null?	Data Type	Description
REQUEST_TYPE_ STATUS_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
REQUEST_TYPE_ID	NOT NULL	NUMBER	Primary key from the KCRT_REQUEST_ TYPES table.

Column Name	Null?	Data Type	Description
STATUS_ID	NOT NULL	NUMBER	Primary key from the KCRT_STATUSES table.
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, and so on)
SOURCE	NULLABLE	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_REQUEST_ TYPE_STATUSES_N1	NONUNIQUE	1	REQUEST_TYPE_ID
KCRT_REQUEST_ TYPE_STATUSES_N1	NONUNIQUE	2	STATUS_ID
KCRT_REQUEST_ TYPE_STATUSES_N2	NONUNIQUE	1	STATUS_ID
KCRT_REQUEST_ TYPE_STATUSES_N2	NONUNIQUE	2	REQUEST_TYPE_ID
KCRT_REQUEST_ TYPE_STATUSES_U1	UNIQUE	1	REQUEST_TYPE_ STATUS_ID

Sequences

Sequence Name	Sequence Type
KCRT_REQUEST_TYPE_ STATUSES_S	REQUEST_TYPE_ STATUS_ID

KCRT_REQUEST_TYPES

This table stores all the available request types in the system.

A Request Type is comprised of a collection of Fields. Request types define the following:

a) Custom fields and their layout for a given request;

b) Application statuses and their dependencies to the custom fields;

c) Defaults to be used in the request header section;

d) Set of commands;

e) Sub-Type that is used to further categorize the request type.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KACC_ ACCELERATORS_NLS	ACCELERATOR_ID	ACCELERATOR_ID
KNTA_USERS	USER_ID	CREATED_BY
KCRT_STATUSES_NLS	STATUS_ID	INIT_STATUS_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KCRT_REQUEST_ HEADER_TYPES_NLS	REQUEST_HEADER_ TYPE_ID	REQUEST_HEADER_ TYPE_ID
KNTA_PARAMETER_ SET_CONTEXTS	PARAMETER_SET_ CONTEXT_ID	USER_DATA_SET_ CONTEXT_ID

Column Descriptions

Column Name	Null?	Data Type	Description
REQUEST_TYPE_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated

Column Name	Null?	Data Type	Description
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
ENTITY_LAST_ UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
REQUEST_TYPE_ NAME	NOT NULL	VARCHAR2(80)	Name of the request type
CREATION_ ACTION_NAME	NULLABLE	VARCHAR2(80)	Action name for creating this record
REQUEST_ HEADER_TYPE_ID	NOT NULL	NUMBER	ID of the request header type
ACCELERATOR_ID	NULLABLE	NUMBER	Accelerator ID
CATEGORY_CODE	NULLABLE	VARCHAR2(30)	Category it belongs to, for example, DM
DESCRIPTION	NULLABLE	VARCHAR2(400)	Description
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flag to enable or disable this request type
WORKBENCH_ ONLY_FLAG	NOT NULL	VARCHAR2(1)	If used only by workbench
MAX_PARAMETER_ FIELDS_CODE	NULLABLE	VARCHAR2(30)	Max number of parameters that can be used
MAX_BATCH_ NUMBER_USED	NULLABLE	NUMBER	Max batch size
INCLUDE_ALL_ WORKFLOWS_FLAG	NOT NULL	VARCHAR2(1)	If all workflows are included
INIT_STATUS_ID	NOT NULL	NUMBER	Initial status
USER_DATA_SET_ CONTEXT_ID	NULLABLE	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1-20	NULLABLE	VARCHAR2(200)	User data segment
VISIBLE_USER_ DATA1-20	NULLABLE	VARCHAR2(200)	User data segment
SOURCE_TYPE_ CODE	NULLABLE	VARCHAR2(30)	Source type if created through interface or externally

Column Name	Null?	Data Type	Description
SOURCE	NULLABLE	VARCHAR2(100)	Additional information about the source if created externally or through the interface
MDL_VIEW_NAME_ ROOT	NULLABLE	VARCHAR2(20)	Model view name
SHOW_FIELD_ HELP_FLAG	NOT NULL	VARCHAR2(1)	Show field help
DEFINITION_ LANGUAGE	NOT NULL	VARCHAR2(40)	Language in which the record was created
REFERENCE_CODE	NOT NULL	VARCHAR2(200)	Reference code to uniquely identify the record across systems

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_REQUEST_ TYPES_U1	UNIQUE	1	REQUEST_TYPE_ID
KCRT_REQUEST_ TYPES_U2	UNIQUE	1	REQUEST_TYPE_NAME
SYS_C005197135	UNIQUE	1	REFERENCE_CODE

Sequences

Sequence Name	Sequence Type
KCRT_REQUEST_ TYPES_S	REQUEST_TYPE_ID

KCRT_REQUESTS

This table stores all the header information of a request.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_SECURITY_ GROUPS_NLS	SECURITY_GROUP_ID	ASSIGNED_TO_ GROUP_ID
KNTA_USERS	USER_ID	ASSIGNED_TO_USER_ ID
KCRT_CONTACTS	CONTACT_ID	CONTACT_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KCRT_REQUEST_SUB_ TYPES_NLS	REQUEST_SUB_TYPE_ ID	REQUEST_SUBTYPE_ ID
KCRT_REQUEST_ TYPES_NLS	REQUEST_TYPE_ID	REQUEST_TYPE_ID
KCRT_STATUSES_NLS	STATUS_ID	STATUS_ID
KNTA_PARAMETER_ SET_CONTEXTS	PARAMETER_SET_ CONTEXT_ID	USER_DATA_SET_ CONTEXT_ID
KWFL_WORKFLOWS_ NLS	WORKFLOW_ID	WORKFLOW_ID

Column Descriptions

Column Name	Null?	Data Type	Description
REQUEST_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_ DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_ UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
ENTITY_LAST_ UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated

Column Name	Null?	Data Type	Description
REQUEST_ NUMBER	NOT NULL	VARCHAR2(30)	Indicates the sequential request number identifier that the user sees. Value is retrieved from the request_id
REQUEST_ TYPE_ID	NOT NULL	NUMBER	Identifier that denotes what type of Request this record is
REQUEST_ SUBTYPE_ID	NULLABLE	NUMBER	Identifier that denotes what type of sub-request this record is, if provided
DESCRIPTION	NULLABLE	VARCHAR2(400)	Short description of the selected request
RELEASE_DATE	NULLABLE	DATE	Date wherein this request was released
STATUS_ID	NOT NULL	NUMBER	Identifier for the current request status
WORKFLOW_ID	NULLABLE	NUMBER	Identifier for the workflow associated with this record
DEPARTMENT_ CODE	NULLABLE	VARCHAR2(30)	Lookup code for 'DEPARTMENT'
PRIORITY_ CODE	NULLABLE	VARCHAR2(30)	Lookup code for 'PRIORITY'
APPLICATION	NULLABLE	VARCHAR2(30)	Lookup code for 'APPLICATION'
ASSIGNED_TO_ USER_ID	NULLABLE	NUMBER	Identifier for the user wherein this request was assigned to
ASSIGNED_TO_ GROUP_ID	NULLABLE	NUMBER	Identifier for the security group wherein this request was assigned to
PROJECT_ CODE	NULLABLE	VARCHAR2(30)	Lookup Code for 'REQUEST_ GROUP'
CONTACT_ID	NULLABLE	NUMBER	Identifier for the contacts associated with this record
COMPANY	NULLABLE	VARCHAR2(30)	Identifier field for the Company this request is associated with
UPDATED_ FLAG	NOT NULL	VARCHAR2(1)	Indicates whether this record has been updated

Column Name	Null?	Data Type	Description
STATUS_CODE	NOT NULL	VARCHAR2(30)	Lookup code for 'WF_ PARENT_STATUS'
SOURCE_ TYPE_CODE	NULLABLE	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, and so on)
SOURCE	NULLABLE	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update
USER_DATA_ SET_CONTEXT_ ID	NULLABLE	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1-20	NULLABLE	VARCHAR2(200)	User data segment
VISIBLE_USER_ DATA1-20	NULLABLE	VARCHAR2(200)	User data segment
PERCENT_ COMPLETE	NOT NULL	NUMBER	Percent complete of this request (100 if the request is closed)

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_REQUESTS_N1	NONUNIQUE	1	REQUEST_ TYPE_ID
KCRT_REQUESTS_N2	NONUNIQUE	1	WORKFLOW_ID
KCRT_REQUESTS_N3	NONUNIQUE	1	ASSIGNED_TO_ USER_ID
KCRT_REQUESTS_N4	NONUNIQUE	1	ASSIGNED_TO_ GROUP_ID
KCRT_REQUESTS_N5	NONUNIQUE	1	STATUS_ID
KCRT_REQUESTS_N6	NONUNIQUE	1	APPLICATION
KCRT_REQUESTS_N7	NONUNIQUE	1	RELEASE_DATE

Index Name	Index Type	Sequence	Column Name
KCRT_REQUESTS_N8	NONUNIQUE	1	CREATED_BY
KCRT_REQUESTS_U1	UNIQUE	1	REQUEST_ID
KCRT_REQUESTS_U2	UNIQUE	1	REQUEST_ NUMBER

Sequences

Sequence Name	Sequence Type
KCRT_REQUESTS_S	REQUEST_ID

KCRT_REQUESTS_INT

This table corresponds to the KCRT_REQUESTS, KCRT_REQUEST_DETAILS and KNTA_NOTES tables. This table is processed through the java report that calls a PL/SQL package that can be run either from the command line or through the report job scheduler. This allows the user to immediately run the interface while allowing for scheduled processing. PL/SQL package will query this table, validate against appropriate tables and imports into the production tables. It also calls can also release the request, depending on its status, by calling the Workflow APIs.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USER_SECURITY	USER_SECURITY_ID	ASSIGNED_TO_GROUP_ID
KNTA_USERS	USER_ID	ASSIGNED_TO_USER_ID
KCRT_CONTACTS	CONTACT_ID	CONTACT_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USER_SECURITY	USER_SECURITY_ID	GROUP_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	PARAMETER_SET_CONTEXT_ID
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_REQUEST_SUB_TYPES_NLS	REQUEST_SUB_TYPE_ID	REQUEST_SUBTYPE_ID
KCRT_REQUEST_TYPES_NLS	REQUEST_TYPE_ID	REQUEST_TYPE_ID
KCRT_STATUSES_NLS	STATUS_ID	STATUS_ID
KCRT_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	USER_DATA_SET_CONTEXT_ID
KWFL_WORKFLOWS_NLS	WORKFLOW_ID	WORKFLOW_ID
KWFL_WORKFLOW_STEPS_NLS	WORKFLOW_STEP_ID	WORKFLOW_STEP_ID

Column Descriptions

Column Name	Null?	Data Type	Description
GROUP_ID	NOT NULL	NUMBER	This value is used to tie records in the interface tables together. Most of database processing is done based on this value.
TRANSACTION_ID	NOT NULL	NUMBER	System-generated identifier
PROCESS_ PHASE	NULLABLE	NUMBER	Indicates which phase a record is at: Pending, Deriving, Validating, Importing or Completed.
PROCESS_ STATUS	NULLABLE	NUMBER	Indicates the current status of the interface record: Pending, In Progress, Errored or Completed.
REQUEST_ID	NULLABLE	NUMBER	Refers to the request_id in KCRT_REQUESTS table
CREATION_DATE	NULLABLE	DATE	Date record was created
CREATED_ USERNAME	NOT NULL	VARCHAR2(200)	Username that creates the record
CREATED_BY	NULLABLE	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NULLABLE	DATE	Date record was last updated
LAST_UPDATED_ USERNAME	NOT NULL	VARCHAR2(200)	Username that last updated this record
LAST_UPDATED_ BY	NULLABLE	NUMBER	Identifier for the user who last updated the record
ENTITY_LAST_ UPDATE_DATE	NULLABLE	DATE	Date a record in the entity was last updated
REQUEST_ NUMBER	NULLABLE	VARCHAR2(30)	Refers to the request_ number in KNTA_ REQUESTS table
REQUEST_TYPE_ NAME	NOT NULL	VARCHAR2(80)	Type of the request
REQUEST_TYPE_ ID	NOT NULL	NUMBER	Request type ID used by this request

Column Name	Null?	Data Type	Description
REQUEST_ SUBTYPE_NAME	NULLABLE	VARCHAR2(80)	Sub type name of the request
REQUEST_ SUBTYPE_ID	NULLABLE	NUMBER	Request Subtype ID used by this request
DESCRIPTION	NULLABLE	VARCHAR2(400)	Description of the request entered by the user
RELEASE_DATE	NULLABLE	DATE	Date the request was submitted
STATUS_NAME	NULLABLE	VARCHAR2(80)	Status Name of the request
STATUS_ID	NULLABLE	NUMBER	ID of status used by the request
WORKFLOW_ NAME	NULLABLE	VARCHAR2(80)	Name of the workflow used by the request
WORKFLOW_ID	NULLABLE	NUMBER	ID of the workflow used by the request
DEPARTMENT_ CODE	NULLABLE	VARCHAR2(30)	Code of the department to which the request is assigned to
DEPARTMENT_ NAME	NULLABLE	VARCHAR2(80)	Name of the Department to which the request is assigned to
PRIORITY_CODE	NULLABLE	VARCHAR2(30)	Priority of the request
PRIORITY_NAME	NULLABLE	VARCHAR2(80)	Priority Name of the request
APPLICATION	NULLABLE	VARCHAR2(30)	Application code of the request
ASSIGNED_TO_ USERNAME	NULLABLE	VARCHAR2(200)	Username assigned to this request
ASSIGNED_TO_ USER_ID	NULLABLE	NUMBER	ID of the group assigned to this request
ASSIGNED_TO_ GROUP_NAME	NULLABLE	VARCHAR2(30)	Name of the group assigned to this request
ASSIGNED_TO_ GROUP_ID	NULLABLE	NUMBER	ID of the group assigned to this request
PROJECT_CODE	NULLABLE	VARCHAR2(30)	Request Group Code of the request
CONTACT_ FIRST_NAME	NULLABLE	VARCHAR2(30)	First name of the contact for the request

Column Name	Null?	Data Type	Description
CONTACT_LAST_NAME	NULLABLE	VARCHAR2(30)	Last name of the contact for the request
CONTACT_ID	NULLABLE	NUMBER	ID of the contact
RELEASED_FLAG	NOT NULL	VARCHAR2(1)	Release identifier
USER_DATA_SET_CONTEXT_ID	NULLABLE	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1-20	NULLABLE	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA1-20	NULLABLE	VARCHAR2(200)	User data segment
PARAMETER_SET_CONTEXT_ID	NULLABLE	NUMBER	Parameter set context identifier for the configurable parameters of the request
NOTES	NULLABLE	CLOB	Request notes
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(30)	Used to differentiate interface records by their point of origin
SOURCE	NULLABLE	VARCHAR2(100)	Denotes the external source of the request.
WORKFLOW_STEP_ID	NULLABLE	NUMBER	ID of the workflow step that becomes ELIGIBLE for user processing
COMPANY	NULLABLE	VARCHAR2(30)	Identifier for the company this request is associated with
DATA_LANG	NULLABLE	VARCHAR2(40)	

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_REQUESTS_INT_N1	NONUNIQUE	1	GROUP_ID
KCRT_REQUESTS_INT_N1	NONUNIQUE	2	TRANSACTION_ID

Sequences

This table uses no sequences.

KCRT_RT_REQUEST_RESOURCES

This table is used for storing the resources assigned to a request.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_FG_SLA	REQUEST_ID	REQUEST_ID
KCRT_FG_CMQC_QC_ADMIN	REQUEST_ID	REQUEST_ID
KCRT_FG_PFM_PROJECT	REQUEST_ID	REQUEST_ID
KCRT_FG_PFM_ASSET	REQUEST_ID	REQUEST_ID
KCRT_FG_CMQC_APP_PROJECT	REQUEST_ID	REQUEST_ID
KCRT_FG_PROG_RESOURCE_REQ	REQUEST_ID	REQUEST_ID
KCRT_FG_PROJ_ISSUE	REQUEST_ID	REQUEST_ID
KCRT_FG_CMQC_TEST_PROJECT	REQUEST_ID	REQUEST_ID
KCRT_FG_CMDB_APPLICATION	REQUEST_ID	REQUEST_ID
KCRT_FG_PROJ_SCOPE_CHANGE	REQUEST_ID	REQUEST_ID
KCRT_FG_PROG_ISSUE	REQUEST_ID	REQUEST_ID
KCRT_FG_CMQC_TEST_STATUS	REQUEST_ID	REQUEST_ID
KCRT_FG_PFM_PROPOSAL	REQUEST_ID	REQUEST_ID
KCRT_FG_DEMAND_SCHEDULE	REQUEST_ID	REQUEST_ID
KCRT_FG_MASTER_PROJ_REF	REQUEST_ID	REQUEST_ID
KCRT_FG_CMQC_PROJECT_ STATUS	REQUEST_ID	REQUEST_ID
KCRT_FG_PROJ_RISK	REQUEST_ID	REQUEST_ID
KCRT_FG_QC_INFO	REQUEST_ID	REQUEST_ID
KCRT_FG_QC_DEFECT_INFO	REQUEST_ID	REQUEST_ID
KCRT_FG_WORK_ITEMS	REQUEST_ID	REQUEST_ID
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_FG_CMQC_QC_INSTANCE	REQUEST_ID	REQUEST_ID
KCRT_FG_IMPACT_ANALYSIS	REQUEST_ID	REQUEST_ID
KCRT_REQUEST_RSC_ACTUALS	REQUEST_RSC_ ACTUALS_ID	REQUEST_RSC_ ACTUALS_ID

Primary Key Table	Primary Key Column	Foreign Key Column
RSC_RESOURCE_ROLES	RESOURCE_ID	RESOURCE_ID
RSC_RESOURCES	RESOURCE_ID	RESOURCE_ID
KNTA_I18N_RESOURCES_NLS	RESOURCE_ID	RESOURCE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
RESOURCE_ REQUEST_ID	NULLABLE	NUMBER	System-generated identifier
RESOURCE_ID	NULLABLE	NUMBER	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update
REQUEST_ID	NULLABLE	NUMBER	
REQUEST_RSC_ ACTUALS_ID	NULLABLE	NUMBER	

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_RT_REQUEST_ RESOURCES_N1	NONUNIQUE	1	RESOURCE_ID
KCRT_RT_REQUEST_ RESOURCES_N2	NONUNIQUE	1	REQUEST_ID
KCRT_RT_REQUEST_ RESOURCES_U1	NONUNIQUE	1	RESOURCE_ID
KCRT_RT_REQUEST_ RESOURCES_U1	NONUNIQUE	2	REQUEST_ID

Sequences

Sequence Name	Sequence Type
KCRT_RT_REQUEST_RESOURCES_S	RESOURCE_REQUEST_ID

KCRT_STATUSES

This table stores the statuses that you can define for request type and workflows. Request Statuses are global; once defined and enabled, they will be available for use in all Request Types. Each Status may or may not be enabled or auto linked.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
STATUS_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
ENTITY_LAST_ UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
STATUS_NAME	NOT NULL	VARCHAR2(80)	Descriptive name of the user defined status.
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	If enabled, the status will be available for all Issue Types.
AUTO_LINK_ FLAG	NOT NULL	VARCHAR2(1)	If Auto link is enabled, the status is linked to all new issue types created.
SOURCE_TYPE_ CODE	NULLABLE	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, and so on)

Column Name	Null?	Data Type	Description
SOURCE	NULLABLE	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.
SYSTEM_ STATUS_FLAG	NULLABLE	VARCHAR2(1)	Indicates whether this status is used when a reference is attached to a request
DEFINITION_ LANGUAGE	NOT NULL	VARCHAR2(40)	Language this row was defined in
REFERENCE_ CODE	NOT NULL	VARCHAR2(200)	Reference code used to distinguish between different records

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_STATUSES_U1	UNIQUE	1	STATUS_ID
KCRT_STATUSES_U2	UNIQUE	1	STATUS_NAME
SYS_C005197191	UNIQUE	1	REFERENCE_CODE

Sequences

Sequence Name	Sequence Type
KCRT_STATUSES_S	STATUS_ID

KCRT_TABLE_ENTRIES

Each row represents a single row of data stored in a field with a table component validation.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	PARAMETER_SET_CONTEXT_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_PARAM_SET_FIELDS_NLS	PARAMETER_SET_FIELD_ID	PARAMETER_SET_FIELD_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
TABLE_ENTRY_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
REQUEST_ID	NOT NULL	NUMBER	Primary Key in KCRT_REQUESTS of the request with the Table Component field that contains this row of data
PARAMETER_SET_FIELD_ID	NOT NULL	NUMBER	Primary Key in KNTA_PARAMETER_SET_FIELDS of the field definition of the Table Component field that contains this row of data

Column Name	Null?	Data Type	Description
SEQ	NOT NULL	NUMBER	This row of data's relative position in the Table Component.
PARAMETER_ SET_CONTEXT_ ID	NOT NULL	NUMBER	Primary Key in KNTA_ PARAMETER_SET_ CONTEXTS of the Table Component's column header definition set
VISIBLE_ PARAMETER1-40	NULLABLE	VARCHAR2(200)	Table Component detail parameter
PARAMETER1-40	NULLABLE	VARCHAR2(200)	Table Component detail parameter
VISIBLE_ PARAMETER41-50	NULLABLE	VARCHAR2(4000)	Table Component detail parameter
PARAMETER41-50	NULLABLE	VARCHAR2(4000)	Table Component detail parameter

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_TABLE_ ENTRIES_N1	NONUNIQUE	1	REQUEST_ID
KCRT_TABLE_ ENTRIES_U1	UNIQUE	1	TABLE_ENTRY_ID

Sequences

Sequence Name	Sequence Type
KCRT_TABLE_ENTRIES_S	TABLE_ENTRY_ID

KCRT_TABLE_ENTRIES_INT

This table corresponds to the KCRT_TABLE_ENTIRES table. This table will be processed through the java report that calls a PL/SQL package that can be run either from the command line or through the report job scheduler. This allows the user to immediately run the interface but also allow for scheduled processing. PL/SQL package will query this table, validate against appropriate tables and imports into the production tables.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	PARAMETER_SET_CONTEXT_ID
KRML_CONTEXT_UPDATES	PARAMETER_SET_CONTEXT_ID	PARAMETER_SET_CONTEXT_ID
KRML_CONTEXT_UPDATES_COPY	PARAMETER_SET_CONTEXT_ID	PARAMETER_SET_CONTEXT_ID
KNTA_PARAM_SET_FIELDS_NLS	PARAMETER_SET_FIELD_ID	PARAMETER_SET_FIELD_ID
KRML_PARAMETER_SET_FLDS_COPY	PARAMETER_SET_FIELD_ID	PARAMETER_SET_FIELD_ID
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_TABLE_ENTRIES	TABLE_ENTRY_ID	TABLE_ENTRY_ID
KRSC_ORG_UNIT_MEMBERS_INT	TRANSACTION_ID	TRANSACTION_ID
KNTA_USER_SECURITY_INT	TRANSACTION_ID	TRANSACTION_ID
KNTA_USERS_INT	TRANSACTION_ID	TRANSACTION_ID
KWFL_TRANSACTIONS_INT	TRANSACTION_ID	TRANSACTION_ID
KRSC_ORG_UNITS_INT	TRANSACTION_ID	TRANSACTION_ID
KWFL_STEP_TRANSITIONS_INT	TRANSACTION_ID	TRANSACTION_ID
KCRT_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID

Column Descriptions

Column Name	Null?	Data Type	Description
GROUP_ID	NOT NULL	NUMBER	System-generated identifier
TRANSACTION_ID	NOT NULL	NUMBER	System-generated record identifier
PARENT_ TRANSACTION_ID	NOT NULL	NUMBER	Transaction ID of the parent table being imported
PARENT_FIELD_ TOKEN	NOT NULL	VARCHAR2(30)	Foreign Key in KNTA_ PARAMETER_SET_ FIELDS of the PARAMETER_TOKEN of the Table Component field that holds this row of data.
TABLE_ENTRY_ID	NULLABLE	NUMBER	Primary Key in KCRT_ TABLE_ENTRIES_INT of this row of data.
REQUEST_ID	NULLABLE	NUMBER	Primary Key in KCRT_ REQUESTS of the request with the Table Component field that contains this row of data
PARAMETER_ SET_FIELD_ID	NULLABLE	NUMBER	Primary Key in KNTA_ PARAMETER_SET_ FIELDS of the field definition of the Table Component field that contains this row of data
SEQ	NOT NULL	NUMBER	This row of data's relative position in the Table Component.
PARAMETER_ SET_CONTEXT_ID	NULLABLE	NUMBER	Primary Key in KNTA_ PARAMETER_SET_ CONTEXTS of the Table Component's column header definition set
VISIBLE_ PARAMETER1-40	NULLABLE	VARCHAR2(200)	Table Component detail parameter
PARAMETER1-40	NULLABLE	VARCHAR2(200)	Table Component detail parameter

Column Name	Null?	Data Type	Description
VISIBLE_ PARAMETER41-50	NULLABLE	VARCHAR2(4000)	Table Component detail parameter
PARAMETER41-50	NULLABLE	VARCHAR2(4000)	Table Component detail parameter
LOOKUP_TYPE1-50	NULLABLE	VARCHAR2(80)	Lookup Type for the corresponding Parameter
VALIDATION_ TYPE_CODE1-50	NULLABLE	VARCHAR2(30)	Validation Type Code for the corresponding Parameter

Indexes

This table uses no indexes.

Sequences

This table uses no sequences.

KCRT_TEMP_BATCH_UPDATE

This global temporary table is used by Request Batch Update and Request Quick Edit. The data in this table is visible at the Oracle session level.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
REQUEST_ID	NULLABLE	NUMBER	System-generated identifier

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_TEMP_ BATCH_ UPDATE_N1	NONUNIQUE	1	REQUEST_ID

Sequences

This table uses no sequences.

KCRT_TRANSACTIONS

This table stores the audit trail for the PARAMETER field values and its prompt. When creating/editing fields in the request type screen, you have a capability to indicate if the "transaction history" (audit trail) should be maintained for the field. If transaction history is turned on in a request type field, when ever the value of that field changes in a request, a record is logged in this table.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_REQUEST_ TYPES_NLS	REQUEST_TYPE_ID	REQUEST_TYPE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
TRANSACTION_ ID	NOT NULL	NUMBER	System-generated identifier
REQUEST_ID	NOT NULL	NUMBER	Request for which this audit trail is created.
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
REQUEST_ TYPE_ID	NOT NULL	NUMBER	Request type used by the request.
COLUMN_NAME	NULLABLE	VARCHAR2(30)	Column that is being audited in this record (PARAMETER1 - 50)

Column Name	Null?	Data Type	Description
OLD_VISIBLE_ COLUMN_VALUE	NULLABLE	VARCHAR2(4000)	Visible original column value.
OLD_COLUMN_ VALUE	NULLABLE	VARCHAR2(4000)	Original column value.
NEW_VISIBLE_ COLUMN_VALUE	NULLABLE	VARCHAR2(4000)	Visible new column value.
NEW_COLUMN_ VALUE	NULLABLE	VARCHAR2(4000)	New column value
COLUMN_ PROMPT	NULLABLE	VARCHAR2(100)	Current prompt for the column.
BATCH_NUMBER	NULLABLE	NUMBER	Batch number of the request detail where this PARAMETER field is found
TABLE_NAME	NULLABLE	VARCHAR2(30)	Table that is being audited in this record

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_ TRANSACTIONS_N1	NONUNIQUE	1	REQUEST_ID
KCRT_ TRANSACTIONS_N2	NONUNIQUE	1	REQUEST_TYPE_ID
KCRT_ TRANSACTIONS_U1	UNIQUE	1	TRANSACTION_ID

Sequences

Sequence Name	Sequence Type
KCRT_TRANSACTIONS_S	TRANSACTION_ID

KCST_CURRENCIES

This table stores the currency information for all currencies available in PPM Center.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
CURRENCY_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
CURRENCY_ NAME	NOT NULL	VARCHAR2(100)	Indicates the name of the currency (such as Dollar)
CURRENCY_ CODE	NOT NULL	VARCHAR2(10)	Indicates the three-character currency code (such as USD)
CURRENCY_ SYMBOL	NOT NULL	VARCHAR2(50)	Indicates the currency symbol (such as $)
DISPLAY_ DECIMALS	NOT NULL	NUMBER	Indicates whether decimals are displayed
BASE_ CURRENCY_ FLAG	NOT NULL	VARCHAR2(1)	Indicates whether this currency is the system base currency.
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether this currency is enabled for use

Column Name	Null?	Data Type	Description
ENTITY_LAST_ UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
DEFINITION_ LANGUAGE	NOT NULL	VARCHAR2(40)	Language in which this currency was created in PPM Center
REFERENCE_ CODE	NOT NULL	VARCHAR2(200)	Indicates the reference code.

Indexes

Index Name	Index Type	Sequence	Column Name
KCST_CURRENCIES_U1	UNIQUE	1	CURRENCY_ID
KCST_CURRENCIES_U2	UNIQUE	1	CURRENCY_ CODE
KCST_CURRENCIES_U3	UNIQUE	1	CURRENCY_ NAME
SYS_C00109351527	UNIQUE	1	REFERENCE_ CODE

Sequences

Sequence Name	Sequence Type
KCST_CURRENCIES_HIB_S	CURRENCY_ID

KCST_FX_UPDATE_SERVICE

This table is used by the FX Update service to store exchange rate update requests.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCST_CURRENCIES_NLS	CURRENCY_ID	LOCAL_CURRENCY_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
FX_UPDATE_ SERVICE_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
EXCHANGE_DATE	NOT NULL	DATE	Date of the exchange rate being modified or inserted.
NEXT_ EXCHANGE_DATE	NULLABLE	DATE	Date of the next exchange rate in the system. Useful for determining the date range in which to modify exchange rates.
LOCAL_ CURRENCY_ID	NOT NULL	NUMBER	Identifier of the currency having its exchange rate modified
NEW_EXCHANGE_ RATE	NOT NULL	NUMBER	Newly inserted or modified exchange rate
PARENT_ENTITY_ TYPE	NOT NULL	VARCHAR2(50)	Identifies the type of the parent entity being updated or recalculated

Column Name	Null?	Data Type	Description
PARENT_ENTITY_ ID	NOT NULL	NUMBER	Foreign key that references the parent entity
UPDATE_TYPE	NOT NULL	VARCHAR2(10)	Indicates whether a rate is being updated or inserted
ENTITY_LAST_ UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated

Indexes

Index Name	Index Type	Sequence	Column Name
KCST_FX_UPDATE_ SERVICE_N1	NONUNIQUE	1	CREATION_DATE
KCST_FX_UPDATE_ SERVICE_N2	NONUNIQUE	1	PARENT_ENTITY_ TYPE
KCST_FX_UPDATE_ SERVICE_N2	NONUNIQUE	2	PARENT_ENTITY_ID
KCST_FX_UPDATE_ SERVICE_U1	UNIQUE	1	FX_UPDATE_ SERVICE_ID

Sequences

This table uses no sequences.

KCST_PENDING_EV_UPDATES

This table temporally stores the EV values that needs to be updated by the EV services

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_ENTITIES_NLS	ENTITY_ID	SOURCE_ENTITY_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	CREATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
PENDING_EV_ UPDATE_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
SOURCE_ ENTITY_ID	NOT NULL	NUMBER	Foreign key to KNTA_ ENTITIES_NLS. The type of Entity that was modified that would affect EV (Project Setup, Project, Task)
SOURCE_ID	NOT NULL	NUMBER	Foreign key to Project Setup, Project, Task

Indexes

Index Name	Index Type	Sequence	Column Name
KCST_PENDING_EV_UPDATES_N1	NONUNIQUE	1	SOURCE_ID
KCST_PENDING_EV_UPDATES_N1	NONUNIQUE	2	SOURCE_ENTITY_ID
KCST_PENDING_EV_UPDATES_U1	UNIQUE	1	PENDING_EV_UPDATE_ID

Sequences

Sequence Name	Sequence Type
KCST_PENDING_EV_UPDATES_S	PENDING_EV_UPDATE_ID

KCST_PENDING_EV_UPDATES_ERR

This table temporally stores the errors that occurs when values are updated by the EV services.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
PENDING_EV_UPDATES_ERR_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
SOURCE_ENTITY_ID	NOT NULL	NUMBER	Copy of the SOURCE_ENTITY_ID from the KCST_PENDING_EV_UPDATES table.
SOURCE_ID	NOT NULL	NUMBER	Copy of the SOURCE_ID from the KCST_PENDING_EV_UPDATES table.

Column Name	Null?	Data Type	Description
ERROR_MSG	NULLABLE	VARCHAR2(2000)	Message from the error encountered while trying to process the row from the KCST_PENDING_EV_UPDATES table.
ERROR_GROUP_ID	NOT NULL	NUMBER	System-generated identifier to batch errors together that occur at the same pass of processing the KCST_PENDING_EV_UPDATES table.

Indexes

Index Name	Index Type	Sequence	Column Name
KCST_PENDING_EV_UPDATES_ERR_N1	NONUNIQUE	1	SOURCE_ENTITY_ID
KCST_PENDING_EV_UPDATES_ERR_N1	NONUNIQUE	2	SOURCE_ID
KCST_PENDING_EV_UPDATES_ERR_N2	NONUNIQUE	1	ERROR_GROUP_ID
KCST_PENDING_EV_UPDATES_ERR_U1	UNIQUE	1	PENDING_EV_UPDATES_ERR_ID

Sequences

Sequence Name	Sequence Type
KCST_PENDING_EV_UPDATES_ERR_S1	PENDING_EV_UPDATES_ERR_ID

KDEM_DEMAND_FIELDS

This table stores the details of demand fields. There will be one record in this table for each demand field in a demand set.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KDEM_DEMAND_SETS	DEMAND_SET_ID	DEMAND_SET_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_VALIDATIONS_NLS	VALIDATION_ID	SEARCH_VALIDATION_ID

Column Descriptions

Column Name	Null?	Data Type	Description
DEMAND_FIELD_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
DEMAND_SET_ID	NOT NULL	NUMBER	Identifier that identifies which set the demand belongs to
FIELD_NAME	NOT NULL	VARCHAR2(100)	Name of the demand field
PARAMETER_ COLUMN_NUMBER	NOT NULL	NUMBER	Column number of the demand field in the demand table
SEARCH_ VALIDATION_ID	NOT NULL	NUMBER	Identifier to identify which search validation to use for the demand field

Indexes

Index Name	Index Type	Sequence	Column Name
KDEM_DEMAND_ FIELDS_U1	UNIQUE	1	DEMAND_FIELD_ID
KDEM_DEMAND_ FIELDS_U3	UNIQUE	1	DEMAND_SET_ID
KDEM_DEMAND_ FIELDS_U3	UNIQUE	2	PARAMETER_ COLUMN_NUMBER

Sequences

Sequence Name	Sequence Type
KDEM_DEMAND_FIELDS_S	DEMAND_FIELD_ID

KDEM_DEMAND_SET_REQ_TYPES

This table is the link between the various demand entities like request types (and task category, and so on in future) and demand set.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_REQUEST_TYPES_NLS	REQUEST_TYPE_ID	REQUEST_TYPE_ID
KDEM_DEMAND_SETS	DEMAND_SET_ID	DEMAND_SET_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
DEMAND_SET_REQ_TYPE_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
DEMAND_SET_ID	NOT NULL	NUMBER	Identifier that identifies which demand set is associated with the demand set request type
REQUEST_TYPE_ID	NOT NULL	NUMBER	Identifier that identifies what type of request is associated with the demand set

Indexes

Index Name	Index Type	Sequence	Column Name
KDEM_DEMAND_SET_REQ_TYPES_U1	UNIQUE	1	DEMAND_SET_REQ_TYPE_ID
KDEM_DEMAND_SET_REQ_TYPES_U2	UNIQUE	1	DEMAND_SET_ID
KDEM_DEMAND_SET_REQ_TYPES_U2	UNIQUE	2	REQUEST_TYPE_ID

Sequences

Sequence Name	Sequence Type
KDEM_DEMAND_SET_REQ_TYPES_S	DEMAND_SET_REQ_TYPE_ID

KDEM_DEMAND_SETS

This table stores the demand set definition. There will be one record in this table for each demand set.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
DEMAND_SET_ ID	NOT NULL	NUMBER	System-generated identifier
CREATION_ DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_ UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
ENTITY_LAST_ UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
DEMAND_SET_ NAME	NOT NULL	VARCHAR2(100)	Name of the demand set
DESCRIPTION	NULLABLE	VARCHAR2(300)	Short description for the demand set
VIEW_NAME	NOT NULL	VARCHAR2(30)	Name of the view for the demand set
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flag to determine whether the demand set is enabled

Indexes

Index Name	Index Type	Sequence	Column Name
KDEM_DEMAND_SETS_U1	UNIQUE	1	DEMAND_SET_ID
KDEM_DEMAND_SETS_U2	UNIQUE	1	DEMAND_SET_ NAME
KDEM_DEMAND_SETS_U3	UNIQUE	1	VIEW_NAME

Sequences

Sequence Name	Sequence Type
KDEM_DEMAND_SETS_S	DEMAND_SET_ID

KDEM_DEMANDS

This is a replication table. The demand field information in various tables are denormalized and stored in this table for improving query performance. There should be one record per request per demand set in this table.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_STATUSES_NLS	STATUS_ID	STATUS_ID
KWFL_VERIFICATION_TEMP	WORKFLOW_ID	WORKFLOW_ID
KWFL_WORKFLOWS_NLS	WORKFLOW_ID	WORKFLOW_ID
KNTA_SECURITY_GROUPS_NLS	SECURITY_GROUP_ID	ASSIGNED_TO_GROUP_ID
KNTA_USERS	USER_ID	ASSIGNED_TO_USER_ID
KCRT_CONTACTS	CONTACT_ID	CONTACT_ID
KNTA_USERS	USER_ID	CREATED_BY
KDEM_DEMAND_SETS	DEMAND_SET_ID	DEMAND_SET_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_REQUEST_TYPES_NLS	REQUEST_TYPE_ID	REQUEST_TYPE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
DEMAND_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated

Column Name	Null?	Data Type	Description
DEMAND_SET_ID	NOT NULL	NUMBER	Identifier for the set this demand belongs in
REQUEST_ID	NOT NULL	NUMBER	Identifier that identifies the request associated with the demand
REQUEST_ NUMBER	NULLABLE	VARCHAR2(30)	Indicates the sequential request number identifier that the user sees. Value is retrieved from the request_id.
REQUEST_ TYPE_ID	NULLABLE	NUMBER	Identifier that denotes what type of Request this record is.
REQUEST_ TYPE_NAME	NULLABLE	VARCHAR2(80)	Name of the type of request this record is
REQUEST_ SUBTYPE_ID	NULLABLE	NUMBER	Identifier that denotes what type of sub-request this record is, if provided.
REQUEST_ SUBTYPE_NAME	NULLABLE	VARCHAR2(80)	Name of the type of sub-request this record is
REQUEST_SUB_ TYPE_NAME	NULLABLE	VARCHAR2(80)	Name of the type of sub-request this record is
DESCRIPTION	NULLABLE	VARCHAR2(240)	Short description of the demand
RELEASE_DATE	NULLABLE	DATE	Date wherein this demand was released.
STATUS_ID	NULLABLE	NUMBER	Identifier for the current demand status.
STATUS_NAME	NULLABLE	VARCHAR2(4000)	Name of the status of the demand
STATUS_CODE	NULLABLE	VARCHAR2(30)	Lookup code for 'WF_ PARENT_STATUS'
WORKFLOW_ID	NULLABLE	NUMBER	Identifier for the workflow associated with this record.
WORKFLOW_ NAME	NULLABLE	VARCHAR2(80)	Name of workflow associated with this record
DEPARTMENT_ CODE	NULLABLE	VARCHAR2(30)	Lookup code for 'DEPARTMENT'.

Column Name	Null?	Data Type	Description
DEPARTMENT_ MEANING	NULLABLE	VARCHAR2(4000)	Description of the department
PRIORITY_CODE	NULLABLE	VARCHAR2(30)	Lookup code for 'PRIORITY'.
PRIORITY_ MEANING	NULLABLE	VARCHAR2(4000)	Description of the priority
APPLICATION	NULLABLE	VARCHAR2(30)	Lookup code for 'APPLICATION'
APPLICATION_ MEANING	NULLABLE	VARCHAR2(4000)	Description of the application
MODULE_ MEANING	NULLABLE	VARCHAR2(4000)	Description of the module
ASSIGNED_TO_ USER_ID	NULLABLE	NUMBER	Identifier for the user wherein this request was assigned to.
ASSIGNED_TO_ USERNAME	NULLABLE	VARCHAR2(200)	Name of the user wherein this demand was assigned to
ASSIGNED_TO_ GROUP_ID	NULLABLE	NUMBER	Identifier for the security group wherein this demand was assigned to
ASSIGNED_TO_ GROUPNAME	NULLABLE	VARCHAR2(4000)	Name of the security group wherein this demand was assigned to
PROJECT_CODE	NULLABLE	VARCHAR2(30)	Lookup Code for 'REQUEST_GROUP'
RELEASED_ FLAG	NULLABLE	VARCHAR2(1)	Flag to determine whether the demand is released
CREATED_BY_ USERNAME	NULLABLE	VARCHAR2(200)	Resource who created this demand (in name form)
PROJECT_NAME	NULLABLE	VARCHAR2(4000)	Project name for this demand
CONTACT_ID	NULLABLE	NUMBER	Identifier that identifies the contact for this demand
CONTACT_NAME	NULLABLE	VARCHAR2(200)	Name of contact for the demand
CONTACT_ PHONE_ NUMBER	NULLABLE	VARCHAR2(30)	Phone number of contact for the demand
CONTACT_EMAIL	NULLABLE	VARCHAR2(80)	Email address of contact for the demand

Column Name	Null?	Data Type	Description
COMPANY_ NAME	NULLABLE	VARCHAR2(4000)	Company name for the demand
COMPANY	NULLABLE	VARCHAR2(30)	Identifier that identify which company this demand is associated with
PERCENT_ COMPLETE	NULLABLE	NUMBER	Percent complete of demand
SCHEDULE_ DATE	NULLABLE	DATE	Date demand was scheduled
REJECT_DATE	NULLABLE	DATE	Date demand was rejected
EFFORT	NULLABLE	NUMBER	Amount of effort for this demand
DEMAND_ SATISFIED_DATE	NULLABLE	DATE	Date demand was satisfied
SERVICE_ REQUESTED_ DATE	NULLABLE	DATE	Date service was requested
SLA_LEVEL_ CODE	NULLABLE	VARCHAR2(30)	Code lookup for Service Level Agreement
SLA_LEVEL	NULLABLE	VARCHAR2(100)	Actual Service Level Agreement for this demand
VIOLATION_ DATE	NULLABLE	DATE	Date of violation
SERVICE_ SATISFIED_DATE	NULLABLE	DATE	Date demand service was satisfied
PARAMETER1-50	NULLABLE	VARCHAR2(200)	User data segment
VISIBLE_ PARAMETER1-50	NULLABLE	VARCHAR2(200)	User data segment
ASSIGNED_TO_ NAME	NULLABLE	VARCHAR2(80)	Full name of the assigned to user
CREATED_BY_ NAME	NULLABLE	VARCHAR2(80)	Full name of the created by user

Indexes

Index Name	Index Type	Sequence	Column Name
KDEM_DEMANDS_N2	NONUNIQUE	1	DEMAND_SET_ID
KDEM_DEMANDS_N2	NONUNIQUE	2	PARAMETER2
KDEM_DEMANDS_N3	NONUNIQUE	1	DEMAND_SET_ID
KDEM_DEMANDS_N3	NONUNIQUE	2	PARAMETER3
KDEM_DEMANDS_N4	NONUNIQUE	1	DEMAND_SET_ID
KDEM_DEMANDS_N4	NONUNIQUE	2	PARAMETER4

Sequences

Sequence Name	Sequence Type
KDEM_DEMANDS_S	DEMAND_ID

KDEM_FIELD_MAPPINGS

This table stores details of how the various fields of the request type are related to the demand fields.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KDEM_DEMAND_ FIELDS	DEMAND_FIELD_ID	DEMAND_FIELD_ID
KDEM_DEMAND_SET_ REQ_TYPES	DEMAND_SET_REQ_ TYPE_ID	DEMAND_SET_REQ_ TYPE_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_PARAM_SET_ FIELDS_NLS	PARAMETER_SET_ FIELD_ID	PARAMETER_SET_ FIELD_ID
KRML_PARAMETER_ SET_FLDS_COPY	PARAMETER_SET_ FIELD_ID	PARAMETER_SET_ FIELD_ID

Column Descriptions

Column Name	Null?	Data Type	Description
FIELD_ MAPPING_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
DEMAND_SET_ REQ_TYPE_ID	NOT NULL	NUMBER	Identifier to identify the demand request type
DEMAND_FIELD_ ID	NOT NULL	NUMBER	Identifier to identify the demand field
PARAMETER_ SET_FIELD_ID	NOT NULL	NUMBER	Identifier to identify the parameter set field

Indexes

Index Name	Index Type	Sequence	Column Name
KDEM_FIELD_ MAPPINGS_U1	UNIQUE	1	FIELD_MAPPING_ID
KDEM_FIELD_ MAPPINGS_U2	UNIQUE	1	DEMAND_SET_ REQ_TYPE_ID
KDEM_FIELD_ MAPPINGS_U2	UNIQUE	2	DEMAND_FIELD_ID

Sequences

Sequence Name	Sequence Type
KDEM_FIELD_ MAPPINGS_S	FIELD_MAPPING_ID

KDLV_DELETED_PACKAGES

This table stores a record of deleted packages for use by the SOX accelerator.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	ASSIGNED_TO_USER_ID
KNTA_USERS	USER_ID	CREATED_BY
KREL_DISTRIBUTIONS	DISTRIBUTION_ID	DISTRIBUTION_ID
KWFL_STEP_ TRANSACTIONS	STEP_TRANSACTION_ ID	DIST_STEP_ TRANSACTION_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KDLV_PACKAGES	PACKAGE_ID	PACKAGE_ID
KWFL_STEP_ TRANSACTIONS	STEP_TRANSACTION_ ID	PARENT_STEP_ TRANSACTION_ID
KDLV_PACKAGES	PACKAGE_ID	SOURCE_PACKAGE_ID
KNTA_PARAMETER_ SET_CONTEXTS	PARAMETER_SET_ CONTEXT_ID	USER_DATA_SET_ CONTEXT_ID
KWFL_VERIFICATION_ TEMP	WORKFLOW_ID	WORKFLOW_ID
KWFL_WORKFLOWS_ NLS	WORKFLOW_ID	WORKFLOW_ID
KNTA_SECURITY_ GROUPS_NLS	SECURITY_GROUP_ID	ASSIGNED_TO_GROUP_ ID

Column Descriptions

Column Name	Null?	Data Type	Description
DELETED_ PACKAGE_ID	NOT NULL	NUMBER	System-generated identifier
PACKAGE_ID	NOT NULL	NUMBER	System-generated identifier
DELETED_BY	NOT NULL	NUMBER	Identifier for user who deleted the package
DELETION_DATE	NOT NULL	DATE	Date record was deleted
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created

Column Name	Null?	Data Type	Description
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
PACKAGE_NUMBER	NOT NULL	VARCHAR2(40)	User-defined Package number for the Package
ASSIGNED_TO_USER_ID	NULLABLE	NUMBER	ID of the user to which this Package is assigned to
ASSIGNED_TO_GROUP_ID	NULLABLE	NUMBER	ID of the group to which this Package is assigned to
DESCRIPTION	NULLABLE	VARCHAR2(240)	Short description of the Package
RELEASE_DATE	NULLABLE	DATE	Date Package is released (sets status to in-progress)
PRIORITY_CODE	NULLABLE	VARCHAR2(30)	Lookup code for 'REQUEST_PRIORITY'
PRIORITY_SEQ	NULLABLE	NUMBER	Tasks with smaller priority sequence are run earlier
STATUS_CODE	NOT NULL	VARCHAR2(30)	Lookup code for 'REQUEST_STATUS'
PROJECT_CODE	NULLABLE	VARCHAR2(30)	Project that this Package belongs to
WORKFLOW_ID	NULLABLE	NUMBER	Workflow being used to route this Package
PARENT_STEP_TRANSACTION_ID	NULLABLE	NUMBER	Reference ID of parent Request
PACKAGE_TYPE_CODE	NULLABLE	VARCHAR2(30)	Lookup code for 'REQUEST_TYPE'
USER_DATA_SET_CONTEXT_ID	NULLABLE	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1-20	NULLABLE	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA1-20	NULLABLE	VARCHAR2(200)	User data segment

Column Name	Null?	Data Type	Description
SOURCE_ PACKAGE_ID	NULLABLE	NUMBER	Identifier of the original Package for this Distribution placeholder Package
DISTPKG_ STATUS_ MEANING	NULLABLE	VARCHAR2(200)	Displayed status of this Distribution Package
RUN_GROUP	NULLABLE	NUMBER	Run group number of this Distribution Package
DISTRIBUTION_ID	NULLABLE	NUMBER	Identifier of the Distribution that this Package belongs to
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Denote whether this Distribution Package is enabled or disabled
DIST_STEP_ TRANSACTION_ID	NULLABLE	NUMBER	Identifier for the Package-level subworkflow step transaction of the Distribution that this Package belongs to
DIST_ WORKFLOW_ STEP_ID_PATH	NULLABLE	VARCHAR2(200)	Path of the Distribution Workflow Step that was executed in the transaction with DIST_STEP_ TRANSACTION_ID
PERCENT_ COMPLETE	NOT NULL	NUMBER	Percent complete of this Package (100 if the Package is closed)

Indexes

Index Name	Index Type	Sequence	Column Name
KDLV_DELETED_ PACKAGES_N1	NONUNIQUE	1	ASSIGNED_TO_ USER_ID
KDLV_DELETED_ PACKAGES_N2	NONUNIQUE	1	WORKFLOW_ID
KDLV_DELETED_ PACKAGES_N3	NONUNIQUE	1	CREATION_DATE

Index Name	Index Type	Sequence	Column Name
KDLV_DELETED_ PACKAGES_N4	NONUNIQUE	1	PACKAGE_ NUMBER
KDLV_DELETED_ PACKAGES_U1	UNIQUE	1	DELETED_ PACKAGE_ID
KDLV_DELETED_ PACKAGES_U2	UNIQUE	1	PACKAGE_ID

Sequences

Sequence Name	Sequence Type
KDLV_DELETED_ PACKAGES_S	DELETED_PACKAGE_ID

KDLV_DELETED_PKG_LINES

This table stores a record of deleted package lines for use by the SOX accelerator.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KDLV_OBJECT_TYPES	OBJECT_TYPE_ID	OBJECT_TYPE_ID
KDLV_PACKAGES	PACKAGE_ID	PACKAGE_ID
KDLV_PACKAGE_LINES	PACKAGE_LINE_ID	PACKAGE_LINE_ID
KNTA_PARAMETER_ SET_CONTEXTS	PARAMETER_SET_ CONTEXT_ID	PARAMETER_SET_ CONTEXT_ID
KDLV_PACKAGES	PACKAGE_ID	SOURCE_PACKAGE_LINE_ID
KNTA_PARAMETER_ SET_CONTEXTS	PARAMETER_SET_ CONTEXT_ID	USER_DATA_SET_ CONTEXT_ID

Column Descriptions

Column Name	Null?	Data Type	Description
DELETED_PKG_ LINE_ID	NOT NULL	NUMBER	System-generated identifier
PACKAGE_LINE_ID	NOT NULL	NUMBER	System-generated identifier
DELETED_BY	NOT NULL	NUMBER	Identifier for user who deleted the record
DELETION_DATE	NOT NULL	DATE	Date record was deleted
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
PACKAGE_ID	NOT NULL	NUMBER	Package identifier
SEQ	NOT NULL	NUMBER	Sequence of this Line on the Package

Column Name	Null?	Data Type	Description
OBJECT_TYPE_ID	NOT NULL	NUMBER	Denormalized object_type_id of the object chosen for this Line
OBJECT_NAME	NULLABLE	VARCHAR2(300)	Denormalized object_name of the object entered on this Line
OBJECT_REVISION	NULLABLE	VARCHAR2(300)	Denormalized object_revision of the object entered on this Line
APP_CODE	NULLABLE	VARCHAR2(30)	Selected app code for this line (chosen from all available app codes in the selected workflow)
PARAMETER_SET_CONTEXT_ID	NULLABLE	NUMBER	Package Line parameter
PARAMETER1-30	NULLABLE	VARCHAR2(200)	Package Line parameter
VISIBLE_PARAMETER1-30	NULLABLE	VARCHAR2(200)	Package Line parameter
USER_DATA_SET_CONTEXT_ID	NULLABLE	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1-20	NULLABLE	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA1-20	NULLABLE	VARCHAR2(200)	User data segment
SOURCE_PACKAGE_LINE_ID	NULLABLE	NUMBER	Identifier of the original Package Line for this Distribution placeholder Package Line
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Denote whether this Distribution Package Line is enabled or disabled

Indexes

Index Name	Index Type	Sequence	Column Name
KDLV_DELETED_PKG_LINES_U1	UNIQUE	1	DELETED_PKG_LINE_ID
KDLV_DELETED_PKG_LINES_U2	UNIQUE	1	PACKAGE_ID
KDLV_DELETED_PKG_LINES_U2	UNIQUE	2	PACKAGE_LINE_ID
KDLV_DELETED_PKG_LINES_U3	UNIQUE	1	PACKAGE_LINE_ID

Sequences

Sequence Name	Sequence Type
KDLV_DELETED_PKG_LINES_S	DELETED_PKG_LINE_ID

KDLV_OBJECT_TYPES

This table stores the base information for all of the objects defined in Deliver. This includes Migration Objects, AOL objects, Report Objects, and Custom objects.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KACC_ACCELERATORS_NLS	ACCELERATOR_ID	ACCELERATOR_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
OBJECT_TYPE_ ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
ENTITY_LAST_ UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
OBJECT_TYPE_ NAME	NOT NULL	VARCHAR2(150)	Name of the object type
ACCELERATOR_ ID	NULLABLE	NUMBER	Accelerator associated with the object type
OBJECT_ CATEGORY	NOT NULL	VARCHAR2(30)	Lookup code for 'OBJECT_ CATEGORY' can be 'REP', 'MIG', or 'AOL'
OBJECT_NAME_ COLUMN	NULLABLE	VARCHAR2(30)	Parameter column name that stores the defined object name
OBJECT_ REVISION_ COLUMN	NULLABLE	VARCHAR2(30)	Parameter column name that stores the defined object revision

Column Name	Null?	Data Type	Description
DESCRIPTION	NULLABLE	VARCHAR2(240)	Free form text describing the object type.
OM_ENABLED_ FLAG	NOT NULL	VARCHAR2(1)	Used to sequence the migration of AOL objects
OM_SEQ_NUM	NULLABLE	NUMBER	Used to sequence the migration of AOL objects.
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Determines whether this object may be used on a change request
SOURCE_TYPE_ CODE	NULLABLE	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, and so on)
SOURCE	NULLABLE	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update
MDL_VIEW_ NAME_ROOT	NULLABLE	VARCHAR2(20)	Defines the root part of an MDL view name for this object type. The term root is borrowed from linguist terms such that a word can have prefix, root and suffix. The system will try to default to the object type name if possible.

Indexes

Index Name	Index Type	Sequence	Column Name
KDLV_OBJECT_TYPES_U1	UNIQUE	1	OBJECT_TYPE_ID
KDLV_OBJECT_TYPES_U2	UNIQUE	1	OBJECT_TYPE_NAME

Sequences

Sequence Name	Sequence Type
KDLV_OBJECT_TYPES_S	OBJECT_TYPE_ID

KDLV_OM_DYNAMIC_SQL

This table is used by the OM Remote Execution process.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
GROUP_ID	NULLABLE	NUMBER	System-generated identifier
STATEMENT_ NUM	NULLABLE	NUMBER	SQL statement Number
CREATION_DATE	NULLABLE	DATE	Date record was created
CREATED_BY	NULLABLE	NUMBER	Identifier for the user who created the record
DYNAMIC_SQL	NULLABLE	CLOB	Dynamic SQL text

Indexes

This table uses no indexes.

Sequences

This table uses no sequences.

KDLV_OM_TEMP

This table is used by the OM Remote Execution process.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
GROUP_ID	NULLABLE	NUMBER	System-generated identifier
COLUMN_NAME	NULLABLE	VARCHAR2(40)	Oracle App. variable name
COLUMN_VALUE	NULLABLE	VARCHAR2(200)	Oracle App. column value
COLUMN_ VALUE_LONG	NULLABLE	CLOB	Oracle App. long column value
COLUMN_DATE	NULLABLE	DATE	Oracle App date value

Indexes

This table uses no indexes.

Sequences

This table uses no sequences.

KDLV_PACKAGE_LINES

This table stores all Lines entered on a Package.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KENV_ENV_APPS	APP_CODE	APP_CODE
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KDLV_OBJECT_TYPES	OBJECT_TYPE_ID	OBJECT_TYPE_ID
KDLV_PACKAGES	PACKAGE_ID	PACKAGE_ID
KNTA_PARAMETER_ SET_CONTEXTS	PARAMETER_SET_ CONTEXT_ID	PARAMETER_SET_ CONTEXT_ID
KNTA_PARAMETER_ SET_CONTEXTS	PARAMETER_SET_ CONTEXT_ID	USER_DATA_SET_ CONTEXT_ID

Column Descriptions

Column Name	Null?	Data Type	Description
PACKAGE_LINE_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
PACKAGE_ID	NOT NULL	NUMBER	Package identifier
SEQ	NOT NULL	NUMBER	Sequence of this Line on the Package
OBJECT_TYPE_ID	NOT NULL	NUMBER	Denormalized object_type_id of the object chosen for this Line
OBJECT_NAME	NULLABLE	VARCHAR2(300)	Denormalized object_name of the object entered on this Line
OBJECT_REVISION	NULLABLE	VARCHAR2(300)	Denormalized object_ revision of the object entered on this Line

Column Name	Null?	Data Type	Description
APP_CODE	NULLABLE	VARCHAR2(30)	Selected app code for this line (chosen from all available app codes in the selected workflow)
PARAMETER_SET_CONTEXT_ID	NULLABLE	NUMBER	Package Line parameter
PARAMETER1-30	NULLABLE	VARCHAR2(200)	Package Line parameter
VISIBLE_PARAMETER1-30	NULLABLE	VARCHAR2(200)	Package Line parameter
USER_DATA_SET_CONTEXT_ID	NULLABLE	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1-20	NULLABLE	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA1-20	NULLABLE	VARCHAR2(200)	User data segment
SOURCE_PACKAGE_LINE_ID	NULLABLE	NUMBER	Identifier of the original Package Line for this Distribution placeholder Package Line
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Denote whether this Distribution Package Line is enabled or disabled

Indexes

Index Name	Index Type	Sequence	Column Name
KDLV_PACKAGE_LINES_N1	NONUNIQUE	1	OBJECT_TYPE_ID
KDLV_PACKAGE_LINES_N2	NONUNIQUE	1	PARAMETER_SET_CONTEXT_ID
KDLV_PACKAGE_LINES_N3	NONUNIQUE	1	APP_CODE
KDLV_PACKAGE_LINES_U1	UNIQUE	1	PACKAGE_ID
KDLV_PACKAGE_LINES_U1	UNIQUE	2	PACKAGE_LINE_ID
KDLV_PACKAGE_LINES_U2	UNIQUE	1	PACKAGE_LINE_ID

Sequences

Sequence Name	Sequence Type
KDLV_PACKAGE_LINES_S	PACKAGE_LINE_ID

KDLV_PACKAGE_LINES_INT

This table corresponds to the KDLV_PACKAGE_LINES table (package lines). This table as well as other interface tables will be processed through the java report that calls a PL/SQL package that can be run either from the command line or through the report job scheduler. This allows the user to immediately run the interface but also allow for scheduled processing. PL/SQL package will query this table, validate some columns of the table against appropriate tables and call the necessary package line

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KDLV_PACKAGE_ LINES	PACKAGE_LINE_ID	PACKAGE_LINE_ID
KNTA_PARAMETER_ SET_CONTEXTS	PARAMETER_SET_ CONTEXT_ID	PARAMETER_SET_ CONTEXT_ID
KDLV_PACKAGES	PACKAGE_ID	PACKAGE_ID
KNTA_PARAMETER_ SET_CONTEXTS	PARAMETER_SET_ CONTEXT_ID	USER_DATA_SET_ CONTEXT_ID
KDLV_OBJECT_TYPES	OBJECT_TYPE_ID	OBJECT_TYPE_ID
KDLV_PACKAGES_INT	PACKAGE_ INTERFACE_ID	PACKAGE_ INTERFACE_ID
KNTA_USERS	USER_ID	CREATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
PACKAGE_LINE_ INTERFACE_ID	NULLABLE	NUMBER	System-generated identifier
GROUP_ID	NULLABLE	NUMBER	Common column among interface tables. This value is used to tie records in the interface tables together. Most of database processing is done based on this value
PACKAGE_ INTERFACE_ID	NULLABLE	NUMBER	ID of the package interface ID in KDLV_PACKAGES_ INT table

Column Name	Null?	Data Type	Description
PACKAGE_ID	NULLABLE	NUMBER	If not null, used to validate against the request_id in KDLV_PACKAGES
PACKAGE_ NUMBER	NULLABLE	VARCHAR2(40)	If not null, used to validate against the request_number in KDLV_PACKAGES
PROCESS_ PHASE	NULLABLE	NUMBER	Common column among interface tables. Used to determine which phase a record is at: Pending, Deriving, Validating, Importing or Completed
PROCESS_ STATUS	NULLABLE	NUMBER	Common column among interface tables. Used to determine the current status of the interface record: Pending, In Process, Errored or Completed
CREATED_BY	NULLABLE	NUMBER	Identifier for the user who created the record
CREATED_BY_ USERNAME	NULLABLE	VARCHAR2(200)	Username that created this record
CREATION_DATE	NULLABLE	DATE	Date record was created
SOURCE_CODE	NULLABLE	VARCHAR2(30)	Common column among interface tables. Used to differentiate interface records by their point of origin
SEQ	NULLABLE	NUMBER	Sequence number
PACKAGE_LINE_ ID	NULLABLE	NUMBER	If not null, used to validate against KDLV_PACKAGE_ LINES. If null, derive from KDLV_PACKAGE_LINES_S
OBJECT_TYPE_ ID	NULLABLE	NUMBER	If not null, used to validate against KDLV_OBJECT_ TYPES. If null, derive from OBJECT_TYPE_NAME

Column Name	Null?	Data Type	Description
OBJECT_TYPE_NAME	NULLABLE	VARCHAR2(80)	If OBJECT_TYPE_ID not null, ignore this column, otherwise validate against KDLV_OBJECT_TYPES
OBJECT_NAME	NULLABLE	VARCHAR2(300)	Do we try to populate this from the object type definition and the parameter column values?
APP_CODE	NULLABLE	VARCHAR2(30)	If not null, validate against the distinct APP_CODES in KDLV_ENVIRONMENT_APPS
PARAMETER_SET_CONTEXT_ID	NULLABLE	NUMBER	Identifier of the parameter set context associated with the object type chosen for this line. Links the parameter values stored in this line with their context
PARAMETER1-30	NULLABLE	VARCHAR2(200)	Package line parameter
VISIBLE_PARAMETER1-30	NULLABLE	VARCHAR2(200)	Package line parameter
RELEASE_FLAG	NULLABLE	VARCHAR2(1)	Whether or not to release after creation
USER_DATA_SET_CONTEXT_ID	NULLABLE	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1-20	NULLABLE	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA1-20	NULLABLE	VARCHAR2(200)	User data segment
OBJECT_REVISION	NULLABLE	VARCHAR2(300)	Revision of the object
SOURCE_PACKAGE_LINE_ID	NULLABLE	NUMBER	Identifier of the original Package Line for this Distribution placeholder Package Line
ENABLED_FLAG	NULLABLE	VARCHAR2(1)	Denote whether this Distribution Package Line is enabled or disabled

Indexes

Index Name	Index Type	Sequence	Column Name
KDLV_PACKAGE_LINES_INT_N1	NONUNIQUE	1	PACKAGE_LINE_ INTERFACE_ID
KDLV_PACKAGE_LINES_INT_N1	NONUNIQUE	2	GROUP_ID
KDLV_PACKAGE_LINES_INT_N2	NONUNIQUE	1	GROUP_ID
KDLV_PACKAGE_LINES_INT_N2	NONUNIQUE	2	PACKAGE_ INTERFACE_ID
KDLV_PACKAGE_LINES_INT_N3	NONUNIQUE	1	PACKAGE_ NUMBER
KDLV_PACKAGE_LINES_INT_N3	NONUNIQUE	2	SEQ

Sequences

Sequence Name	Sequence Type
KDLV_INTERFACES_S	PACKAGE_LINE_ INTERFACE_ID
KDLV_PACKAGE_LINES_S	PACKAGE_LINE_ID
KNTA_INTERFACE_ GROUPS_S	GROUP_ID

KDLV_PACKAGE_NOTES_INT

This table corresponds to the KNTA_NOTES (Notes for a Package) table. This table as well as other interface tables will be processed through the java report that calls a PL/SQL package that can be run either from the command line or through the report job scheduler. This allows the user to immediately run the interface but also allow for scheduled processing. PL/SQL package will query this table, validate against appropriate tables.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KDLV_PACKAGES	PACKAGE_ID	PACKAGE_ID
KDLV_PACKAGES_INT	PACKAGE_INTERFACE_ID	PACKAGE_INTERFACE_ ID

Column Descriptions

Column Name	Null?	Data Type	Description
PACKAGE_NOTE_ INTERFACE_ID	NULLABLE	NUMBER	System-generated identifier
GROUP_ID	NULLABLE	NUMBER	Common column among interface tables. This value is used to tie records in the interface tables together. Most of database processing is done based on this value
PACKAGE_ INTERFACE_ID	NULLABLE	NUMBER	ID of a package
PACKAGE_ID	NULLABLE	NUMBER	If not null, used to validate against the package_id in KDLV_PACKAGES
PACKAGE_ NUMBER	NULLABLE	VARCHAR2(40)	If not null, used to validate against the package_number in KDLV_PACKAGES

Column Name	Null?	Data Type	Description
PROCESS_PHASE	NULLABLE	NUMBER	Common column among interface tables. Used to determine which phase a record is at: Pending, Deriving, Validating, Importing or Completed
PROCESS_ STATUS	NULLABLE	NUMBER	Common column among interface tables. Used to determine the current status of the interface record: Pending, In Process, Errored or Completed
CREATED_BY	NULLABLE	NUMBER	Identifier for the user who created the record
CREATED_BY_ USERNAME	NULLABLE	VARCHAR2(200)	Username that created this record
CREATION_DATE	NULLABLE	DATE	Date record was created
SOURCE_CODE	NULLABLE	VARCHAR2(30)	Common column among interface tables. Used to differentiate interface records by their point of origin
NOTE	NULLABLE	CLOB	Note for a particular package
REPLACE_NOTE_ FLAG	NULLABLE	VARCHAR2(1)	Whether or not to replace the existing note

Indexes

Index Name	Index Type	Sequence	Column Name
KDLV_PACKAGE_NOTES_ INT_N1	NONUNIQUE	1	PACKAGE_NOTE_ INTERFACE_ID
KDLV_PACKAGE_NOTES_ INT_N1	NONUNIQUE	2	GROUP_ID
KDLV_PACKAGE_NOTES_ INT_N2	NONUNIQUE	1	GROUP_ID
KDLV_PACKAGE_NOTES_ INT_N2	NONUNIQUE	2	PACKAGE_ INTERFACE_ID
KDLV_PACKAGE_NOTES_ INT_N3	NONUNIQUE	1	PACKAGE_NUMBER

Sequences

Sequence Name	Sequence Type
KDLV_INTERFACES_S	PACKAGE_NOTE_ INTERFACE_ID
KNTA_INTERFACE_ GROUPS_S	GROUP_ID

KDLV_PACKAGES

This table stores all of the header information for each Package defined in Deliver.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_SECURITY_GROUPS_NLS	SECURITY_GROUP_ID	ASSIGNED_TO_GROUP_ID
KNTA_USERS	USER_ID	ASSIGNED_TO_USER_ID
KNTA_USERS	USER_ID	CREATED_BY
KWFL_STEP_TRANSACTIONS	STEP_TRANSACTION_ID	PARENT_STEP_TRANSACTION_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	USER_DATA_SET_CONTEXT_ID
KWFL_WORKFLOWS_NLS	WORKFLOW_ID	WORKFLOW_ID

Column Descriptions

Column Name	Null?	Data Type	Description
PACKAGE_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
PACKAGE_NUMBER	NOT NULL	VARCHAR2(40)	User-defined Package number for the Package
ASSIGNED_TO_USER_ID	NULLABLE	NUMBER	ID of the user to which this Package is assigned to
ASSIGNED_TO_GROUP_ID	NULLABLE	NUMBER	ID of the group to which this Package is assigned to

Column Name	Null?	Data Type	Description
DESCRIPTION	NULLABLE	VARCHAR2(400)	Short description of the Package
RELEASE_DATE	NULLABLE	DATE	Date Package is released (sets status to in-progress)
PRIORITY_CODE	NULLABLE	VARCHAR2(30)	Lookup code for 'REQUEST_ PRIORITY'
PRIORITY_SEQ	NULLABLE	NUMBER	Tasks with smaller priority sequence are run earlier
STATUS_CODE	NOT NULL	VARCHAR2(30)	Lookup code for 'REQUEST_ STATUS'
PROJECT_CODE	NULLABLE	VARCHAR2(30)	Project that this Package belongs to
WORKFLOW_ID	NULLABLE	NUMBER	Workflow being used to route this Package
PARENT_STEP_ TRANSACTION_ID	NULLABLE	NUMBER	Reference ID of parent Request
PACKAGE_TYPE_ CODE	NULLABLE	VARCHAR2(30)	Lookup code for 'REQUEST_ TYPE'
USER_DATA_ SET_CONTEXT_ID	NULLABLE	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1-20	NULLABLE	VARCHAR2(200)	User data segment
VISIBLE_USER_ DATA1-20	NULLABLE	VARCHAR2(200)	User data segment
SOURCE_ PACKAGE_ID	NULLABLE	NUMBER	Identifier of the original Package for this Distribution placeholder Package
DISTPKG_ STATUS_ MEANING	NULLABLE	VARCHAR2(200)	Displayed status of this Distribution Package
RUN_GROUP	NULLABLE	NUMBER	Run group number of this Distribution Package
DISTRIBUTION_ID	NULLABLE	NUMBER	Identifier of the Distribution that this Package belongs to
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Denote whether this Distribution Package is enabled or disabled

Column Name	Null?	Data Type	Description
DIST_STEP_ TRANSACTION_ID	NULLABLE	NUMBER	Identifier for the Package-level subworkflow step transaction of the Distribution that this Package belongs to
DIST_ WORKFLOW_ STEP_ID_PATH	NULLABLE	VARCHAR2(200)	Path of the Distribution Workflow Step that was executed in the transaction with DIST_STEP_ TRANSACTION_ID
PERCENT_ COMPLETE	NOT NULL	NUMBER	Percent complete of this Package (100 if the Package is closed)

Indexes

Index Name	Index Type	Sequence	Column Name
KDLV_PACKAGES_N1	NONUNIQUE	1	ASSIGNED_TO_USER_ID
KDLV_PACKAGES_N11	NONUNIQUE	1	DISTRIBUTION_ID
KDLV_PACKAGES_N11	NONUNIQUE	2	DIST_WORKFLOW_STEP_ ID_PATH
KDLV_PACKAGES_N12	NONUNIQUE	1	SOURCE_PACKAGE_ID
KDLV_PACKAGES_N2	NONUNIQUE	1	CREATED_BY
KDLV_PACKAGES_N3	NONUNIQUE	1	ASSIGNED_TO_GROUP_ID
KDLV_PACKAGES_N4	NONUNIQUE	1	WORKFLOW_ID
KDLV_PACKAGES_N5	NONUNIQUE	1	CREATION_DATE
KDLV_PACKAGES_N6	NONUNIQUE	1	PACKAGE_NUMBER
KDLV_PACKAGES_N7	NONUNIQUE	1	PROJECT_CODE
KDLV_PACKAGES_N8	NONUNIQUE	1	STATUS_CODE
KDLV_PACKAGES_N9	NONUNIQUE	1	RELEASE_DATE
KDLV_PACKAGES_U1	UNIQUE	1	PACKAGE_ID

Sequences

Sequence Name	Sequence Type
KDLV_PACKAGES_S	PACKAGE_ID

KDLV_PACKAGES_INT

This table corresponds to KDLV_PACKAGES (Packages). This table as well as other interface tables will be processed through the java report that calls a PL/SQL package that can be run either from the command line or through the report job scheduler. This allows the user to immediately run the interface but also allow for scheduled processing. The PL/SQL package will query this table, validate against appropriate tables and call the necessary package.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_SECURITY_ GROUPS_NLS	SECURITY_GROUP_ID	ASSIGNED_TO_ GROUP_ID
KNTA_USERS	USER_ID	ASSIGNED_TO_USER_ ID
KNTA_USERS	USER_ID	CREATED_BY
KDLV_PACKAGES	PACKAGE_ID	PACKAGE_ID
KNTA_USERS	USER_ID	REQUESTED_BY
KNTA_PARAMETER_SET_ CONTEXTS	PARAMETER_SET_ CONTEXT_ID	USER_DATA_SET_ CONTEXT_ID
KWFL_WORKFLOWS_NLS	WORKFLOW_ID	WORKFLOW_ID

Column Descriptions

Column Name	Null?	Data Type	Description
PACKAGE_ INTERFACE_ID	NULLABLE	NUMBER	System-generated identifier
GROUP_ID	NULLABLE	NUMBER	This value is used to tie records in the interface tables together. Most of database processing is done based on this value from KNTA_INTERFACE_ GROUPS_S.
PROCESS_ PHASE	NULLABLE	NUMBER	Indicates which phase a record is at: Pending, Deriving, Validating, Importing or Completed

Column Name	Null?	Data Type	Description
PROCESS_ STATUS	NULLABLE	NUMBER	Indicates the current status of the interface record: Pending, In Process, Errored or Completed
CREATED_BY	NULLABLE	NUMBER	Identifier for the user who created the record
CREATED_BY_ USERNAME	NULLABLE	VARCHAR2(200)	Username that creates the record
CREATION_DATE	NULLABLE	DATE	Date record was created
SOURCE_CODE	NULLABLE	VARCHAR2(30)	Used to differentiate interface records by their point of origin
PACKAGE_ID	NULLABLE	NUMBER	Refers to the package_id in KDLV_PACKAGES table
REQUESTED_BY	NULLABLE	NUMBER	ID of the user who requests the record
REQUESTED_ BY_USERNAME	NULLABLE	VARCHAR2(200)	Name of the user who requests the record
PACKAGE_ NUMBER	NULLABLE	VARCHAR2(40)	Assigned number of the package
ASSIGNED_TO_ USER_ID	NULLABLE	NUMBER	ID of the user assigned to this record
ASSIGNED_TO_ USERNAME	NULLABLE	VARCHAR2(200)	Username assigned to this record
ASSIGNED_TO_ GROUP_ID	NULLABLE	NUMBER	ID of the group assigned to this record
ASSIGNED_TO_ GROUP_NAME	NULLABLE	VARCHAR2(30)	Name of the group assigned to this record
DESCRIPTION	NULLABLE	VARCHAR2(400)	Description of the record entered by user
PACKAGE_ TYPE_CODE	NULLABLE	VARCHAR2(30)	Type of the package: customization, setup...
PRIORITY_CODE	NULLABLE	VARCHAR2(30)	Priority of the package: low, normal, high or critical
STATUS_CODE	NULLABLE	VARCHAR2(30)	Status of the package
PROJECT_CODE	NULLABLE	VARCHAR2(30)	Project used for this package

Column Name	Null?	Data Type	Description
WORKFLOW_ID	NULLABLE	NUMBER	ID of the workflow used for this package
WORKFLOW_ NAME	NULLABLE	VARCHAR2(80)	Name of the workflow used for this package
PRIORITY_SEQ	NULLABLE	NUMBER	Priority sequence of a package
RELEASE_FLAG	NULLABLE	VARCHAR2(1)	Flag (Y/N) to indicate whether this package is released or not
USER_DATA_ SET_CONTEXT_ ID	NULLABLE	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1-20	NULLABLE	VARCHAR2(200)	User data segment
VISIBLE_USER_ DATA1-20	NULLABLE	VARCHAR2(200)	User data segment
SOURCE_ PACKAGE_ID	NULLABLE	NUMBER	Identifier of the original Package for this Distribution placeholder Package
DISTPKG_ STATUS_ MEANING	NULLABLE	VARCHAR2(80)	Displayed status of this Distribution Package
RUN_GROUP	NULLABLE	NUMBER	Run group number of this Distribution Package
DISTRIBUTION_ ID	NULLABLE	NUMBER	Identifier of the Distribution that this Package belongs to
ENABLED_FLAG	NULLABLE	VARCHAR2(1)	Denote whether this Distribution Package is enabled or disabled
DIST_STEP_ TRANSACTION_ ID	NULLABLE	NUMBER	Path of the Distribution Workflow Step that was executed in the transaction with DIST_STEP_ TRANSACTION_ID
DATA_LANG	NULLABLE	VARCHAR2(40)	Data language

Indexes

Index Name	Index Type	Sequence	Column Name
KDLV_PACKAGES_INT_N1	NONUNIQUE	1	PACKAGE_ INTERFACE_ID
KDLV_PACKAGES_INT_N1	NONUNIQUE	2	GROUP_ID
KDLV_PACKAGES_INT_N2	NONUNIQUE	1	GROUP_ID
KDLV_PACKAGES_INT_N3	NONUNIQUE	1	PACKAGE_ NUMBER
KDLV_PACKAGES_INT_N4	NONUNIQUE	1	PACKAGE_ID

Sequences

Sequence Name	Sequence Type
KDLV_INTERFACES_S	PACKAGE_INTERFACE_ID
KNTA_INTERFACE_ GROUPS_S	GROUP_ID

KDLV_PATCH_REPORT_TMP

This temporary table is used when the Patch Application Comparison Report is run.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KDLV_PACKAGES	PACKAGE_ID	PACKAGE_ID
KENV_ENVIRONMENTS	ENVIRONMENT_ID	DEST_ENVIRONMENT_ID
KDLV_PACKAGE_LINES	PACKAGE_LINE_ID	PACKAGE_LINE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
REPORT_ID	NULLABLE	NUMBER	System-generated identifier
PATCH_NUMBER	NULLABLE	VARCHAR2(80)	Number of the Oracle Patch applied
APP_CODE	NULLABLE	VARCHAR2(80)	App code the patch was run under
PACKAGE_ID	NULLABLE	NUMBER	Identifier of the change request
PACKAGE_LINE_ID	NULLABLE	NUMBER	Identifier of the change request line
ACTION_DATE	NULLABLE	DATE	Date the migration took place
LINE_SEQ	NULLABLE	NUMBER	Sequence of the change request line
APPLIED_BY_NAME	NULLABLE	VARCHAR2(80)	A descriptor for the patch
DEST_ENVIRONMENT_ID	NULLABLE	NUMBER	Destination environment
CRH_ROWID	NULLABLE	ROWID	Row ID of the header for the HP Deployment Management package

Column Name	Null?	Data Type	Description
LAST_ WORKFLOW_ STEP_ID	NULLABLE	NUMBER	The last workflow step traversed
PACKAGE_ NUMBER	NULLABLE	VARCHAR2(40)	Package number
REVISION	NULLABLE	VARCHAR2(200)	The revision of the patch

Indexes

Index Name	Index Type	Sequence	Column Name
KDLV_PATCH_ REPORT_TMP_N1	NONUNIQUE	1	REPORT_ID
KDLV_PATCH_ REPORT_TMP_N2	NONUNIQUE	1	PACKAGE_ID
KDLV_PATCH_ REPORT_TMP_N2	NONUNIQUE	2	PACKAGE_LINE_ID

Sequences

This table uses no sequences.

KDLV_PENDING_JOBS

This table stores records of executions that submit mainframe jobs.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KWFL_PENDING_ EXEC_OBJECTS	BATCH_ID	BATCH_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KDLV_PACKAGES	PACKAGE_ID	PACKAGE_ID
KWFL_STEP_ TRANSACTIONS	STEP_TRANSACTION_ID	STEP_TRANSACTION_ID

Column Descriptions

Column Name	Null?	Data Type	Description
PACKAGE_ID	NOT NULL	NUMBER	Package ID. Refers to KDLV_PACKAGES.
BATCH_ID	NOT NULL	NUMBER	Execution batch ID used to launch the mainframe job. Refers to KWFL_PENDING_ EXEC_OBJECTS
STEP_ TRANSACTION_ ID	NOT NULL	NUMBER	Identifies the step transaction in KWFL_STEP_ TRANSACTIONS that resulted in the mainframe job submission. STEP_ TRANSACTION_ID is required to write back status results to the KWFL_STEP_ TRANSACTIONS table.
STATUS	NOT NULL	VARCHAR2(30)	Result of the job's execution upon completion of the job.
VISIBLE_USER_ STATUS_VALUE	NULLABLE	VARCHAR2(200)	Visible result of the status that is shown to the user.

Column Name	Null?	Data Type	Description
RESULT_VALUE	NULLABLE	VARCHAR2(200)	Holds the hidden result value from a successfully completed workflow step. Valid values in this field are determined by the validation associated with the given workflow step.
FILE_PATH	NOT NULL	VARCHAR2(200)	Absolute path (on the app server) to the JCL file that was submitted.
FILENAME	NOT NULL	VARCHAR2(200)	Name of the JCL file that was submitted.
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record

Indexes

This table uses no indexes.

Sequences

This table uses no sequences.

KDLV_PENDING_PACKAGES

This table stores records of executions that submit concurrent requests to Oracle Applications such as AOL and GL migrations.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KWFL_PENDING_EXEC_OBJECTS	BATCH_ID	BATCH_ID
KENV_ENVIRONMENTS	ENVIRONMENT_ID	DEST_ENVIRONMENT_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KDLV_PACKAGES	PACKAGE_ID	PACKAGE_ID
KDLV_PACKAGE_LINES	PACKAGE_LINE_ID	PACKAGE_LINE_ID
KWFL_STEP_TRANSACTIONS	STEP_TRANSACTION_ID	STEP_TRANSACTION_ID

Column Descriptions

Column Name	Null?	Data Type	Description
PACKAGE_ID	NOT NULL	NUMBER	Package ID. Refers to KDLV_PACKAGES
BATCH_ID	NOT NULL	NUMBER	Execution batch ID used to launch the concurrent request. Refers to KWFL_PENDING_EXEC_OBJECTS
CONC_REQUEST_ID	NOT NULL	NUMBER	Concurrent request ID submitted to the Oracle Applications concurrent request manager. May not be unique in this table if you have multiple concurrent requests, and some go to different DB Links.

Column Name	Null?	Data Type	Description
STEP_ TRANSACTION_ ID	NOT NULL	NUMBER	Identifies the step transaction in KWFL_STEP_ TRANSACTIONS that resulted in the concurrent request submission. STEP_ TRANSACTION_ID is required to write back status results to the KWFL_STEP_ TRANSACTIONS table.
DB_LINK	NULLABLE	VARCHAR2(128)	Database Link used to get the status of concurrent requests submitted to other remote databases running Oracle Applications
CONC_REQ_ SUBMISSION_ CODE	NOT NULL	VARCHAR2(30)	Combination of Status and Phase used by Oracle Applications to track the status of concurrent requests submissions. If 'INVALID' then this request has not been submitted.
STATUS	NOT NULL	VARCHAR2(30)	Status of the concurrent request. If 'COMPLETED' then result_value must not be null. 'NEW' means it has not yet been submitted. 'IN_ PROGRESS' means it has already been submitted but not yet completed.
RESULT_VALUE	NULLABLE	VARCHAR2(200)	Holds the hidden result value from a successfully completed workflow step. Valid values in this field are determined by the validation associated with the given workflow step.

Column Name	Null?	Data Type	Description
VISIBLE_USER_STATUS_VALUE	NULLABLE	VARCHAR2(200)	Holds the result value to be displayed to the user from a successfully completed workflow step. Valid values in this field are determined by the validation associated with the given workflow step
CHANGED_FLAG	NOT NULL	VARCHAR2(1)	When set to 'Y' the status has changed since last checking the Oracle tables for the status of the concurrent request. This signals that the data in KDLV_CONC_REQUESTS should by synchronized with the workflow status tables
CREATION_DATE	NOT NULL	DATE	If status is 'NEW' then this is the record creation date. If status is not 'NEW' then this is the date this job was submitted to the concurrent manager.
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
NUM_OF_CHECKS	NOT NULL	NUMBER	Used to keep track of how many times the status of a pending request is checked. If the number is too great, it will error out the request
PACKAGE_LINE_ID	NULLABLE	NUMBER	Package Line ID. Refers to KDLV_PACKAGE_LINES

Column Name	Null?	Data Type	Description
DEST_ ENVIRONMENT_ ID	NULLABLE	NUMBER	Environment ID of the environment to which the job was submitted. Refers to KENV_ENVIRONMENTS. This column is null if this was a single environment execution. If it is for an environment group, it contains one destination environment ID from the group.
TOP_INSTANCE_ SOURCE_TYPE_ CODE	NOT NULL	VARCHAR2(30)	Indicates the type of workflow that submitted this concurrent request (package, distribution)
DIST_LINE_ INSTANCE_ID	NULLABLE	NUMBER	(Obsolete) Distribution Line Instance ID. Refers to KREL_ DIST_LINE_INSTANCES. Is null if top_instance_source_ type_code is not 'DIST'.
NOTIFICATION_ COUNT	NULLABLE	NUMBER	Holds the number of attempts to notify the listener upon completion of concurrent requests

Indexes

Index Name	Index Type	Sequence	Column Name
KDLV_PENDING_ PACKAGES_N1	NONUNIQUE	1	PACKAGE_ID
KDLV_PENDING_ PACKAGES_N2	NONUNIQUE	1	STEP_ TRANSACTION_ID
KDLV_PENDING_ PACKAGES_N3	NONUNIQUE	1	STATUS

Sequences

This table uses no sequences.

KDLV_RESPONSES

This table stores the prompts and responses used by the special command 'ksc_respond'. Currently, this table is seeded to only work with Patch*Applicator (adpatch and adadmin). The 'ksc_respond' can support responses to generic programs requiring interactivity, but no seeded data is supplied.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KDLV_RESPONSES	RESPONSE_ID	PARENT_RESPONSE_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
RESPONSE_ID	NOT NULL	NUMBER	System-generated identifier
PARENT_ RESPONSE_ID	NULLABLE	NUMBER	Used to link multi-line prompts, including menu prompts
MODULE	NOT NULL	VARCHAR2(40)	Currently, this field is either 'ADPATCH' or 'ADADMIN_ <function>'. With the VERSION value, this column identifies a unique set of responses to use during processing. In order to use Patch*Applicator, the value must begin with 'ADADMIN' or 'ADPATCH'.
VERSION	NOT NULL	VARCHAR2(40)	System-generated version for the entity. This column must not be updated manually
PROMPT_TYPE	NOT NULL	VARCHAR2(240)	Identifies the prompt type. (A command parameter, multi-line prompt, sql response, token response, value, menu item)
PROMPT	NOT NULL	VARCHAR2(240)	Prompt to search for

Column Name	Null?	Data Type	Description
RESPONSE	NULLABLE	VARCHAR2(500)	Response that will be issued if the prompt is found
ENCRYPT_FLAG	NOT NULL	VARCHAR2(1)	Signifies the response should be encrypted (for example, a password)
EXIT_FLAG	NOT NULL	VARCHAR2(1)	Exit after processing this prompt
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NULLABLE	NUMBER	Identifier for the user who last updated the record
NEXT_MODULE	NULLABLE	VARCHAR2(40)	Next module to respond to (used when interacting with menus)
NEXT_VERSION	NULLABLE	VARCHAR2(40)	Next version to respond to (used when interacting with menus)
BUFFER_LINES	NULLABLE	NUMBER	Number of buffered lines to search for a menu item
EXECUTION_ FLAG	NULLABLE	VARCHAR2(1)	Whether or not this is an execution (used when interacting with menus). If this value is Y, the next menu found will cause ksc_respond to load a new set of responses per the NEXT_MODULE and NEXT_VERSION values
ACTION	NULLABLE	VARCHAR2(200)	Show the action taken in conjunction with this response. Action is in addition to the normal response processing.
DEFAULT_ PROMPT_TYPE	NULLABLE	VARCHAR2(240)	What form does the default prompt take

Indexes

Index Name	Index Type	Sequence	Column Name
KDLV_RESPONSES_U1	UNIQUE	1	RESPONSE_ID

Sequences

This table uses no sequences.

KDLV_TRANSACTIONS_INT

This table as well as other interface tables will be processed through the java report that calls a PL/SQL package that can be run either from the command line or through the report job scheduler. This allows the user to immediately run the interface but also allow for scheduled processing.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KDLV_PACKAGES	PACKAGE_ID	PACKAGE_ID
KWFL_WORKFLOW_ STEPS_NLS	WORKFLOW_STEP_ID	WORKFLOW_STEP_ID
KDLV_PACKAGE_LINES	PACKAGE_LINE_ID	PACKAGE_LINE_ID
KNTA_USERS	USER_ID	CREATED_BY
KWFL_WORKFLOW_ INSTANCE_STEPS	WORKFLOW_ INSTANCE_STEP_ID	WORKFLOW_ INSTANCE_STEP_ID

Column Descriptions

Column Name	Null?	Data Type	Description
TRANSACTION_ INTERFACE_ID	NULLABLE	NUMBER	System-generated identifier
GROUP_ID	NULLABLE	NUMBER	Common column among interface tables.This value is used to tie records in the interface tables together. Most of database processing is done based on this value
PROCESS_ PHASE	NULLABLE	NUMBER	Common column, indicates which phase a record is at: Pending, Deriving, Validating, Importing or Completed
PROCESS_ STATUS	NULLABLE	NUMBER	Common column, indicates the current status of the interface record: Pending, In Process, Errored or Completed
CREATED_BY	NULLABLE	NUMBER	Identifier for the user who created the record

Column Name	Null?	Data Type	Description
CREATED_BY_USERNAME	NULLABLE	VARCHAR2(200)	Username that creates the record
CREATION_DATE	NULLABLE	DATE	Date record was created
SOURCE_CODE	NULLABLE	VARCHAR2(30)	Common column, used to differentiate interface records by their point of origin
PACKAGE_ID	NULLABLE	NUMBER	ID of a Package
PACKAGE_NUMBER	NULLABLE	VARCHAR2(40)	Assigned number of a Package
PACKAGE_LINE_ID	NULLABLE	NUMBER	ID of a Package Line
PACKAGE_LINE_SEQ	NULLABLE	NUMBER	Sequence number of a Package Line
WORKFLOW_INSTANCE_STEP_ID	NULLABLE	NUMBER	ID of an instance of a specific workflow step
WORKFLOW_STEP_ID	NULLABLE	NUMBER	ID of a specific step in a workflow
WORKFLOW_STEP_NAME	NULLABLE	VARCHAR2(80)	Name of a step in a workflow
RESULT_VALUE	NULLABLE	VARCHAR2(200)	Hidden value of a workflow status
VISIBLE_RESULT_VALUE	NULLABLE	VARCHAR2(200)	Visible value of a workflow status
EXECUTE_FLAG	NULLABLE	VARCHAR2(1)	Whether or not a specific step is executable
COMMENTS	NULLABLE	VARCHAR2(2000)	Comments
SCHEDULE_DATE	NULLABLE	DATE	Scheduled date for transaction

Indexes

Index Name	Index Type	Sequence	Column Name
KDLV_TRANSACTIONS_INT_N1	NONUNIQUE	1	TRANSACTION_INTERFACE_ID
KDLV_TRANSACTIONS_INT_N2	NONUNIQUE	1	GROUP_ID
KDLV_TRANSACTIONS_INT_N2	NONUNIQUE	2	TRANSACTION_INTERFACE_ID
KDLV_TRANSACTIONS_INT_N3	NONUNIQUE	1	PACKAGE_NUMBER

Sequences

This table uses no sequences.

KDLV_WORKFLOW_EXTN

This table stores additional information for HP Deployment Management Packages. This information is configured through Workflow. The information stored here relates to Participant Restrictions and Key Fields Segmentation.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KWFL_WORKFLOWS_NLS	WORKFLOW_ID	WORKFLOW_ID

Column Descriptions

Column Name	Null?	Data Type	Description
WORKFLOW_EXTN_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
WORKFLOW_ID	NOT NULL	NUMBER	Identifier for Workflow ID
RESTRICTION_CODE	NOT NULL	VARCHAR2(30)	Code that specifies whether the Workflow security is restricted to a particular group(s)
ASSIGNED_TO_FILTER_CODE	NOT NULL	VARCHAR2(30)	Code that specifies what the Workflow Assigned To filter is set to
ASSIGNED_GRP_FILTER_CODE	NOT NULL	VARCHAR2(30)	Code that specifies what the Workflow Assigned To Group filter is set to

Column Name	Null?	Data Type	Description
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(30)	Used to differentiate interface records by their point of origin.
SOURCE	NULLABLE	VARCHAR2(100)	Denotes the external source of the workflow
AUDIT_FLAG	NOT NULL	VARCHAR2(1)	If Y, audit changes

Indexes

Index Name	Index Type	Sequence	Column Name
KDLV_WORKFLOW_EXTN_U1	UNIQUE	1	WORKFLOW_EXTN_ID
KDLV_WORKFLOW_EXTN_U2	UNIQUE	1	WORKFLOW_ID

Sequences

Sequence Name	Sequence Type
KDLV_WORKFLOW_EXTN_S	WORKFLOW_EXTN_ID

KDRV_CALENDAR_EXCEPTIONS

This table stores the exceptions for all calendars. Exceptions can exist for any calendar date, and can be working or non-working days.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
CALENDAR_ EXCEPTION_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
EVENT_DATE	NOT NULL	DATE	Date of the event
REASON_CODE	NULLABLE	VARCHAR2(30)	Reason for this event
DESCRIPTION	NULLABLE	VARCHAR2(200)	Description of the event
WORKING_DAY_ FLAG	NOT NULL	VARCHAR2(1)	Y or N flag to indicate whether the day is ON or OFF
CALENDAR_ID	NOT NULL	NUMBER	Identifier of the calendar that uses this exception

Indexes

Index Name	Index Type	Sequence	Column Name
KDRV_CALENDAR_ EXCEPTION_U1	UNIQUE	1	CALENDAR_ EXCEPTION_ID
KDRV_CALENDAR_ EXCEPTION_U2	NONUNIQUE	1	CALENDAR_ID

Sequences

Sequence Name	Sequence Type
KDRV_CALENDAR_ EXCEPTIONS_S	CALENDAR_EXCEPTION_ ID

KDRV_CALENDAR_SETUPS

This table stores settings information for regional calendars.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
CALENDAR_SETUP_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
CALENDAR_ID	NOT NULL	NUMBER	Identifier for the calendar that uses these settings
SUNDAY_FLAG	NOT NULL	VARCHAR2(1)	Flag to indicate if Sunday is a working day by default
MONDAY_FLAG	NOT NULL	VARCHAR2(1)	Flag to indicate if Monday is a working day by default
TUESDAY_FLAG	NOT NULL	VARCHAR2(1)	Flag to indicate if Tuesday is a working day by default
WEDNESDAY_FLAG	NOT NULL	VARCHAR2(1)	Flag to indicate if Wednesday is a working day by default
THURSDAY_FLAG	NOT NULL	VARCHAR2(1)	Flag to indicate if Thursday is a working day by default
FRIDAY_FLAG	NOT NULL	VARCHAR2(1)	Flag to indicate if Friday is a working day by default
SATURDAY_FLAG	NOT NULL	VARCHAR2(1)	Flag to indicate if Saturday is a working day by default

Column Name	Null?	Data Type	Description
FIRST_DAY_OF_WEEK	NOT NULL	NUMBER	Value to indicate the first day of the week. The value can be 1-7 with Sunday = 1 and Saturday = 7
START_TIME	NOT NULL	NUMBER	Hour that is the start of a working day
END_TIME	NOT NULL	NUMBER	Hour that is the end of a working day
DURATION	NOT NULL	NUMBER	Duration, in hours, of a working day

Indexes

Index Name	Index Type	Sequence	Column Name
KDRV_CALENDAR_SETUPS_U1	UNIQUE	1	CALENDAR_SETUP_ID
KDRV_CALENDAR_SETUPS_U2	UNIQUE	1	CALENDAR_ID

Sequences

Sequence Name	Sequence Type
KDRV_CALENDAR_SETUPS_S	CALENDAR_SETUP_ID

KDRV_CALENDARS

This table stores the header details for Resource, Regional and Holiday Calendars. It will have one record for each calendar in the system.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
CALENDAR_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
ENTITY_LAST_ UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
CALENDAR_NAME	NULLABLE	VARCHAR2(100)	Name of the calendar
PARENT_ CALENDAR_ID	NULLABLE	NUMBER	ID of this calendar's parent, from which exceptions will be inherited.
CALENDAR_TYPE_ CODE	NOT NULL	VARCHAR2(30)	Type of this calendar. Can be RESOURCE_ CALENDAR, REGIONAL_ CALENDAR, or HOLIDAY_CALENDAR

Column Name	Null?	Data Type	Description
DEFAULT_ CALENDAR_FLAG	NOT NULL	VARCHAR2(1)	Flag to indicate if this calendar is the system default
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flag to indicate if this calendar is enabled
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column must not be updated manually

Indexes

Index Name	Index Type	Sequence	Column Name
KDRV_CALENDARS_N1	NONUNIQUE	1	PARENT_CALENDAR_ID
KDRV_CALENDAR_U1	UNIQUE	1	CALENDAR_ID
KDRV_CALENDAR_U2	UNIQUE	1	CALENDAR_NAME

Sequences

Sequence Name	Sequence Type
KDRV_CALENDARS_S	CALENDAR_ID

KDRV_COST_METRICS_BY_PERIOD

This table stores the cost information for a project by periods.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KCST_CURRENCIES_NLS	CURRENCY_ID	LOCAL_CURRENCY_ID
PPM_FISCAL_PERIODS_NLS	FISCAL_PERIOD_ID	PERIOD_ID
PM_PROJECTS	PROJECT_ID	PROJECT_ID

Column Descriptions

Column Name	Null?	Data Type	Description
COST_METRICS_BY_PERIOD_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
PROJECT_ID	NOT NULL	NUMBER	Identifier for the Project
PERIOD_ID	NOT NULL	NUMBER	Identifier for the Period
LOCAL_CURRENCY_ID	NOT NULL	NUMBER	Identifier for the local currency
PLANNED_VALUE_LCL	NULLABLE	NUMBER	Planned cost value in local currency

Column Name	Null?	Data Type	Description
PLANNED_VALUE_BSE	NULLABLE	NUMBER	Planned cost value in base currency
EARNED_VALUE_LCL	NULLABLE	NUMBER	Earned value in local currency
EARNED_VALUE_BSE	NULLABLE	NUMBER	Earned value in base currency

Indexes

Index Name	Index Type	Sequence	Column Name
KDRV_COST_METRICS_BY_PERIOD_U1	UNIQUE	1	COST_METRICS_BY_PERIOD_ID
KDRV_COST_METRICS_BY_PERIOD_U2	UNIQUE	1	PROJECT_ID
KDRV_COST_METRICS_BY_PERIOD_U2	UNIQUE	2	FISCAL_PERIOD_ID

Sequences

Sequence Name	Sequence Type
KDRV_COST_METRICS_BY_PERIOD_S	COST_METRICS_BY_PERIOD_ID

KDRV_ROLLUP_METHODS

This table stores Roll-up Method definitions which allow users to define Rollup Setups from.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
ROLLUP_ METHOD_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
ROLLUP_ METHOD_NAME	NOT NULL	VARCHAR2(30)	Name, which users see, representing this Roll-up Method (this row)
PROJECT_ FIELD_DATA_ TYPE	NOT NULL	VARCHAR2(30)	Data type of the Project field that this Roll-up Method can operate on
TASK_FIELD_ DATA_TYPE	NOT NULL	VARCHAR2(30)	Data type of the Task field that this Roll-up Method can operate on
DESCRIPTION	NULLABLE	VARCHAR2(300)	Free-form description explaining the behavior of this Roll-up Method

Column Name	Null?	Data Type	Description
ROLLUP_ METHOD_ CLASS_NAME	NOT NULL	VARCHAR2(300)	Name of a java class, including the full package path, that will execute the roll-up computations on the client side Project Plan when a Task is updated
IGNORED_ STATE_ID_LIST	NULLABLE	VARCHAR2(300)	List of Project and Task states IDs that the Roll-up Method should use to ignore a Project/Task node if the node's state is in this list, both the java class and the update sql should respect this list
UPDATE_ VALUES_SQL	NOT NULL	VARCHAR2(1600)	Parameterized sql update statement for executing roll-up computations when a Task is updated
SYSTEM_FLAG	NOT NULL	VARCHAR2(1)	Denote whether users can derive Roll-up Setups from this Roll-up Method. System Roll-up Methods are not displayed to the end user.

Indexes

Index Name	Index Type	Sequence	Column Name
KDRV_ROLLUP_ METHODS_U1	UNIQUE	1	ROLLUP_ METHOD_ID

Sequences

Sequence Name	Sequence Type
KDRV_ROLLUP_METHODS_S	ROLLUP_METHOD_ID

KDRV_ROLLUP_SETUPS

This table stores the Roll-up Setup for roll-up execution, which are derived from Roll-up Methods.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
ROLLUP_ SETUP_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Denote whether this Roll-up Setup should be run when a Task is updated
DESCRIPTION	NULLABLE	VARCHAR2(300)	Free-form description for this Roll-up Setup
ROLLUP_ METHOD_ID	NOT NULL	NUMBER	Identifier of the Roll-up Method that this Roll-up Setup is derived from
ROLLUP_ORDER	NOT NULL	NUMBER	Execution order of this Roll-up Setup with respect to the other Roll-up Setups, a lower numbered order gets executed first
PROJECT_ COLUMN_NAME	NULLABLE	VARCHAR2(80)	Name of the data column to store the roll-up result in a Project node

Column Name	Null?	Data Type	Description
TASK_COLUMN_NAME	NULLABLE	VARCHAR2(80)	Name of the data column to read values from Task nodes for computing the roll-up result
ROLLUP_METHOD_CLASS_NAME	NOT NULL	VARCHAR2(300)	Name of a java class, including the full package path, that will execute the roll-up computations on the client side project plan when a Task is updated
IGNORED_STATE_ID_LIST	NULLABLE	VARCHAR2(300)	List of Project and Task states IDs that the Roll-up Method should use to ignore a Project/Task node if the node's state is in this list, both the java class and the update sql should respect this list
RESOLVED_UPDATE_SQL	NOT NULL	VARCHAR2(2000)	Sql update statement with Project column name, Task column name and ignored state ID list parameters resolved for executing roll-up computations when a Task is updated

Indexes

Index Name	Index Type	Sequence	Column Name
KDRV_ROLLUP_SETUPS_U1	UNIQUE	1	ROLLUP_SETUP_ID

Sequences

Sequence Name	Sequence Type
KDRV_ROLLUP_SETUPS_S	ROLLUP_SETUP_ID

KDRV_STATES

This table stores the States available for a Project and Task.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
STATE_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
ENTITY_LAST_ UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
ENTITY_ID	NOT NULL	NUMBER	Project or task entity ID, used for differentiating states of project from tasks.
STATE_NAME	NOT NULL	VARCHAR2(100)	Name of the state
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Y or N flag denotes whether the state is enabled
SEND_ NOTIFICATIONS_ FLAG	NULLABLE	VARCHAR2(1)	Y or N flag, denotes whether notifications are to be sent in this state
DEFINITION_ LANGUAGE	NOT NULL	VARCHAR2(40)	Language definition for MLU
REFERENCE_ CODE	NOT NULL	VARCHAR2(200)	An internal code used to uniquely identify the record

Indexes

Index Name	Index Type	Sequence	Column Name
KDRV_STATES_U1	UNIQUE	1	STATE_ID
KDRV_STATES_U2	UNIQUE	1	ENTITY_ID
KDRV_STATES_U2	UNIQUE	2	STATE_NAME
SYS_C005197627	UNIQUE	1	REFERENCE_ CODE

Sequences

This table uses no sequences.

KDRV_WORKING_DAYS

This table stores working day information for each Regional Calendar. There is one row per Regional Calendar per day.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
WORKING_DAY_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
WORKING_DAY_ DATE	NOT NULL	DATE	Calendar date
WORKING_DAY_ FLAG	NOT NULL	VARCHAR2(1)	Flag to indicate if this date is a working day
CALENDAR_ID	NOT NULL	NUMBER	Identifier for the calendar which uses this information

Indexes

Index Name	Index Type	Sequence	Column Name
KDRV_WORKING_DAYS_U1	UNIQUE	1	WORKING_DAY_ID
KDRV_WORKING_DAYS_U2	UNIQUE	1	CALENDAR_ID
KDRV_WORKING_DAYS_U2	UNIQUE	2	WORKING_DAY_ DATE

Sequences

Sequence Name	Sequence Type
KDRV_WORKING_DAYS_S	WORKING_DAY_ID

KDSH_DATA_SOURCE_COLUMNS

This table stores the list of available columns for each Data Source.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KDSH_DATA_SOURCES_NLS	DATA_SOURCE_ID	DATA_SOURCE_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
DATA_SOURCE_COLUMN_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
DESCRIPTION	NULLABLE	VARCHAR2(1800)	Description for the purpose of this column.
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, and so on)
SOURCE	NULLABLE	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.
DB_COLUMN	NULLABLE	VARCHAR2(1000)	Database column name of this column.

Column Name	Null?	Data Type	Description
COLUMN_TYPE	NOT NULL	VARCHAR2(30)	Defines type of data fetched in the column (for example, numeric, string, date, and so on)
DATA_SOURCE_ ID	NOT NULL	NUMBER	ID of the Data Source to which this column belongs.
NAME	NOT NULL	VARCHAR2(100)	Unique name of the column.
COLUMN_ALIAS	NOT NULL	VARCHAR2(30)	Unique alias for the column.
HYPERLINK_ TYPE	NULLABLE	VARCHAR2(30)	Type of the hyperlink.
HYPERLINK_ ENTITY_DB_ COLUMN	NULLABLE	VARCHAR2(1000)	Database column name containing the entity for this hyperlink column.
HYPERLINK_ TEXT	NULLABLE	VARCHAR2(1000)	Custom Hyperlink defined by user.
CURRENCY_ BASE_DB_ COLUMN	NULLABLE	VARCHAR2(1000)	Database column name containing the base currency for this currency column.
CURRENCY_ID_ DB_COLUMN	NULLABLE	VARCHAR2(1000)	Database column name containing the currency ID for this currency column.
CURRENCY_ LOCAL_DB_ COLUMN	NULLABLE	VARCHAR2(1000)	Database column name containing the local currency for this currency column.

Indexes

Index Name	Index Type	Sequence	Column Name
KDSH_DATA_SOURCE_ COLUMNS_N1	NONUNIQUE	1	DATA_SOURCE_ID
KDSH_DATA_SOURCE_ COLUMNS_U1	UNIQUE	1	DATA_SOURCE_ COLUMN_ID

Sequences

Sequence Name	Sequence Type
KDSH_DATA_SOURCE_ COLUMNS_S	DATA_SOURCE_COLUMN_ ID

KDSH_DATA_SOURCE_FILTERS

This table is a one-to-one table for KNTA_PARAMETER_SET_FIELDS. It has one useful field, such as where_clause.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KRML_PARAMETER_SET_FLDS_COPY	PARAMETER_SET_FIELD_ID	PARAMETER_SET_FIELD_ID

Column Descriptions

Column Name	Null?	Data Type	Description
DATA_SOURCE_FILTER_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, and so on)
SOURCE	NULLABLE	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.

Column Name	Null?	Data Type	Description
PARAMETER_ SET_FIELD_ID	NOT NULL	NUMBER	Related parameter_set_field_ id
WHERE_CLAUSE	NOT NULL	VARCHAR2(4000)	Where_clause of the filter field for the Data Source.
SEQUENCE	NULLABLE	NUMBER	Order in which the filter is applied

Indexes

Index Name	Index Type	Sequence	Column Name
KDSH_DATA_SOURCE_ FILTERS_U1	UNIQUE	1	DATA_SOURCE_ FILTER_ID
KDSH_DATA_SOURCE_ FILTERS_U2	UNIQUE	1	PARAMETER_SET_ FIELD_ID

Sequences

Sequence Name	Sequence Type
KDSH_DATA_SOURCE_ FILTERS_S	DATA_SOURCE_FILTER_ID

KDSH_DATA_SOURCES

This table defines the available Data Sources throughout the dashboard.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	CREATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
DATA_SOURCE_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
DATA_SOURCE_NAME	NOT NULL	VARCHAR2(80)	
DESCRIPTION	NULLABLE	VARCHAR2(400)	
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(30)	
SOURCE	NULLABLE	VARCHAR2(100)	
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	
RESTRICT_ACCESS_ FLAG	NOT NULL	VARCHAR2(1)	
BASE_FROM_CLAUSE	NULLABLE	VARCHAR2(4000)	
BASE_WHERE_ CLAUSE	NULLABLE	CLOB	
BASE_ORDER_BY_ CLAUSE	NULLABLE	VARCHAR2(4000)	

Column Name	Null?	Data Type	Description
BASE_GROUP_BY_ CLAUSE	NULLABLE	VARCHAR2(4000)	
BASE_HAVING_ CLAUSE	NULLABLE	VARCHAR2(4000)	
ENTITY_LAST_ UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
TIMEOUT	NULLABLE	NUMBER	
LIMIT_RESULTS_FLAG	NOT NULL	VARCHAR2(1)	
USE_BIND_ VARIABLES_FLAG	NOT NULL	VARCHAR2(1)	
DEFINITION_ LANGUAGE	NOT NULL	VARCHAR2(40)	
REFERENCE_CODE	NOT NULL	VARCHAR2(200)	

Indexes

Index Name	Index Type	Sequence	Column Name
KDSH_DATA_ SOURCES_U1	UNIQUE	1	DATA_SOURCE_ID
KDSH_DATA_ SOURCES_U2	UNIQUE	1	DATA_SOURCE_ NAME
SYS_C00109351815	UNIQUE	1	REFERENCE_CODE

Sequences

This table uses no sequences.

KENV_ENV_APPS

This table stores all of the data for the applications associated with each environment. The APP_CODE field is used by developers when adding lines to a change request. This defines the username, password, and path that PPM Center will use in its process of moving a file. It also stores database schema and db_link information which is used for execution of SQL scripts or any other custom-defined, database-level objects.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KENV_ENVIRONMENTS	ENVIRONMENT_ID	ENVIRONMENT_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_PARAMETER_ SET_CONTEXTS	PARAMETER_SET_ CONTEXT_ID	USER_DATA_SET_ CONTEXT_ID

Column Descriptions

Column Name	Null?	Data Type	Description
ENV_APP_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
APP_CODE	NOT NULL	VARCHAR2(30)	ode for the application
APP_NAME	NOT NULL	VARCHAR2(80)	Full name of the application
ENVIRONMENT_ID	NOT NULL	NUMBER	System-generated identifier

Column Name	Null?	Data Type	Description
SERVER_BASE_ PATH	NULLABLE	VARCHAR2(80)	Initial path for this environment; the server will change to this directory after successfully connecting
SERVER_ USERNAME	NULLABLE	VARCHAR2(30)	Default username used when connecting via FTP or Telnet to the machine
SERVER_ PASSWORD	NULLABLE	VARCHAR2(200)	(ENCRYPTED) Password used when connecting to the machine
CLIENT_ USERNAME	NULLABLE	VARCHAR2(30)	Default username used when connecting via FTP or Telnet to the machine
CLIENT_ PASSWORD	NULLABLE	VARCHAR2(200)	(ENCRYPTED) Password used when connecting to the machine
CLIENT_BASE_ PATH	NULLABLE	VARCHAR2(80)	Initial path for this environment; the client will change to this directory after successfully connecting
DB_USERNAME	NULLABLE	VARCHAR2(30)	Default username for connecting to or executing scripts against the database
DB_PASSWORD	NULLABLE	VARCHAR2(200)	(ENCRYPTED) Password used when connecting to or executing scripts against the database
DB_LINK	NULLABLE	VARCHAR2(130)	Database link from the schema to the "apps" user on this database
DB_NAME	NULLABLE	VARCHAR2(30)	Database name used for SQL Server only
DESCRIPTION	NULLABLE	VARCHAR2(240)	Description of the environment

Column Name	Null?	Data Type	Description
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Determines whether this environment can serve as a source or destination database for a workflow
USER_DATA_SET_CONTEXT_ID	NULLABLE	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1-20	NULLABLE	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA1-20	NULLABLE	VARCHAR2(200)	User data segment

Indexes

Index Name	Index Type	Sequence	Column Name
KENV_ENV_APPS_N1	NONUNIQUE	1	APP_CODE
KENV_ENV_APPS_U1	UNIQUE	1	ENV_APP_ID
KENV_ENV_APPS_U2	UNIQUE	1	ENVIRONMENT_ID
KENV_ENV_APPS_U2	UNIQUE	2	APP_CODE

Sequences

Sequence Name	Sequence Type
KENV_ENV_APPS_S	ENV_APP_ID

KENV_ENV_CONTENTS

This table stores the latest information about the contents of the environment. If this table is to be update, it will transfer its previous content to the KENV_ENV_CONTENTS_HIST table.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KENV_ENVIRONMENTS	ENVIRONMENT_ID	ENVIRONMENT_ID
KNTA_USERS	USER_ID	LAST_MIGRATED_BY
KDLV_PACKAGE_LINES	PACKAGE_LINE_ID	LAST_PACKAGE_LINE_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KWFL_WORKFLOWS_NLS	WORKFLOW_STEP_ID	LAST_WORKFLOW_STEP_ID
KDLV_OBJECT_TYPES	OBJECT_TYPE_ID	OBJECT_TYPE_ID
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	USER_DATA_SET_CONTEXT_ID

Column Descriptions

Column Name	Null?	Data Type	Description
ENV_CONTENT_ID	NULLABLE	NUMBER	System-generated identifier
CREATION_DATE	NULLABLE	DATE	Date record was created
CREATED_BY	NULLABLE	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NULLABLE	DATE	Date record was last updated
LAST_UPDATED_BY	NULLABLE	NUMBER	Identifier for the user who last updated the record
ENVIRONMENT_ID	NULLABLE	NUMBER	Environment identifier
OBJECT_TYPE_ID	NULLABLE	NUMBER	Object Type identifier
OBJECT_NAME	NULLABLE	VARCHAR2(300)	Identifies which parameter column of the object will contain the name of an instance of that object.

Column Name	Null?	Data Type	Description
SOURCE_CODE	NULLABLE	VARCHAR2(30)	It can be manual or automatic. Automatic if it is triggered by Package and manual if it is triggered by external interface or custom code.
SOURCE_NAME	NULLABLE	VARCHAR2(100)	It is a free form field for entering the source
LAST_MIGRATION_DATE	NULLABLE	DATE	Last date in which an object is migrated to/from the environment
LAST_MIGRATED_BY	NULLABLE	NUMBER	Last user to conduct a migration in this environment
LAST_PACKAGE_LINE_ID	NULLABLE	NUMBER	Last Package Line that was executed against this environment
LAST_WORKFLOW_STEP_ID	NULLABLE	NUMBER	Final workflow step that was executed against this environment
USER_DATA_SET_CONTEXT_ID	NULLABLE	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1-20	NULLABLE	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA1-20	NULLABLE	VARCHAR2(200)	User data segment
OBJECT_REVISION	NULLABLE	VARCHAR2(200)	Revision of the object being migrated; used to better integrate with version control.

Indexes

Index Name	Index Type	Sequence	Column Name
KENV_ENV_CONTENTS_N1	NONUNIQUE	1	ENVIRONMENT_ID
KENV_ENV_CONTENTS_N1	NONUNIQUE	2	OBJECT_TYPE_ID
KENV_ENV_CONTENTS_N1	NONUNIQUE	3	OBJECT_NAME

Index Name	Index Type	Sequence	Column Name
KENV_ENV_CONTENTS_N2	NONUNIQUE	1	OBJECT_TYPE_ID
KENV_ENV_CONTENTS_N2	NONUNIQUE	2	OBJECT_NAME
KENV_ENV_CONTENTS_U1	UNIQUE	1	ENV_CONTENT_ID

Sequences

Sequence Name	Sequence Type
KENV_ENV_CONTENTS_S	ENV_CONTENT_ID

KENV_ENV_CONTENTS_HIST

This table stores the previous content of the KENV_ENV_CONTENTS table.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KENV_ENVIRONMENTS	ENVIRONMENT_ID	ENVIRONMENT_ID
KENV_ENV_CONTENTS	ENV_CONTENT_ID	ENV_CONTENT_ID
KNTA_USERS	USER_ID	LAST_MIGRATED_BY
KDLV_PACKAGE_LINES	PACKAGE_LINE_ID	LAST_PACKAGE_LINE_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KDLV_OBJECT_TYPES	OBJECT_TYPE_ID	OBJECT_TYPE_ID
KNTA_PARAMETER_ SET_CONTEXTS	PARAMETER_SET_ CONTEXT_ID	USER_DATA_SET_ CONTEXT_ID
KWFL_WORKFLOWS_ NLS	WORKFLOW_STEP_ID	LAST_WORKFLOW_STEP_ ID

Column Descriptions

Column Name	Null?	Data Type	Description
ENV_CONTENT_ID	NULLABLE	NUMBER	System-generated identifier
CREATION_DATE	NULLABLE	DATE	Date record was created
CREATED_BY	NULLABLE	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NULLABLE	DATE	Date record was last updated
LAST_UPDATED_ BY	NULLABLE	NUMBER	Identifier for the user who last updated the record
ENVIRONMENT_ID	NULLABLE	NUMBER	Environment Identifier
OBJECT_TYPE_ID	NULLABLE	NUMBER	Object type identifier
OBJECT_NAME	NULLABLE	VARCHAR2(300)	Identifies which parameter column of the object will contain the name of an instance of that object.

Column Name	Null?	Data Type	Description
SOURCE_CODE	NULLABLE	VARCHAR2(30)	It can be manual or automatic. Automatic if it is triggered by a Package and manual if it is triggered by external interface or custom code.
SOURCE_NAME	NULLABLE	VARCHAR2(100)	It is a free form field for entering the source
LAST_MIGRATION_DATE	NULLABLE	DATE	Last migration date of the object to/from this environment.
LAST_MIGRATED_BY	NULLABLE	NUMBER	Last user to conduct a migration to/from this environment
LAST_PACKAGE_LINE_ID	NULLABLE	NUMBER	Last Package Line that was executed against this environment
LAST_WORKFLOW_STEP_ID	NULLABLE	NUMBER	Final workflow step that was executed against this environment
USER_DATA_SET_CONTEXT_ID	NULLABLE	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1-20	NULLABLE	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA1-20	NULLABLE	VARCHAR2(200)	User data segment
OBJECT_REVISION	NULLABLE	VARCHAR2(200)	Revision of the object being migrated; used to better integrate with version control.

Indexes

Index Name	Index Type	Sequence	Column Name
KENV_ENV_CONTENTS_HIST_N1	NONUNIQUE	1	ENVIRONMENT_ID
KENV_ENV_CONTENTS_HIST_N1	NONUNIQUE	2	OBJECT_TYPE_ID
KENV_ENV_CONTENTS_HIST_N1	NONUNIQUE	3	OBJECT_NAME
KENV_ENV_CONTENTS_HIST_N2	NONUNIQUE	1	OBJECT_TYPE_ID
KENV_ENV_CONTENTS_HIST_N2	NONUNIQUE	2	OBJECT_NAME
KENV_ENV_CONTENTS_HIST_U1	UNIQUE	1	ENV_CONTENT_ID

Sequences

This table uses no sequences.

KENV_ENV_GROUP_ENVS

This table stores records of which environments are linked to a particular environment group. The execution order of the environments is also stored in the case of the environment group having a serial execution order.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KENV_ ENVIRONMENTS	ENVIRONMENT_ID	ENVIRONMENT_ID
KENV_ENV_GROUPS	ENV_GROUP_ID	ENV_GROUP_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
ENV_GROUP_ENV_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
ENV_GROUP_ID	NOT NULL	NUMBER	Environment group ID that is linked to the environment
ENVIRONMENT_ID	NOT NULL	NUMBER	Environment ID that is linked to the environment group
EXECUTION_SEQ	NULLABLE	NUMBER	Sequence that this environment should be executed when the environment group has a serial execution order

Indexes

Index Name	Index Type	Sequence	Column Name
KENV_ENV_GROUP_ENVS_N1	NONUNIQUE	1	ENV_GROUP_ID
KENV_ENV_GROUP_ENVS_N2	NONUNIQUE	1	ENVIRONMENT_ID
KENV_ENV_GROUP_ENVS_U1	UNIQUE	1	ENV_GROUP_ENV_ID

Sequences

Sequence Name	Sequence Type
KENV_ENV_GROUP_ENVS_S	ENV_GROUP_ENV_ID

KENV_ENV_GROUP_PRIM_SOURCES

This table stores the primary source environments for each app code (including no app code) for each environment group.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KENV_ENVIRONMENTS	ENVIRONMENT_ID	ENVIRONMENT_ID
KENV_ENV_GROUPS	ENV_GROUP_ID	ENV_GROUP_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
ENV_GROUP_ PRIM_SOURCE_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
ENV_GROUP_ID	NOT NULL	NUMBER	Environment group ID
APP_CODE	NULLABLE	VARCHAR2(30)	App code associated with the environment
ENVIRONMENT_ID	NOT NULL	NUMBER	Environment ID that acts as the primary source for the associated app code

Indexes

Index Name	Index Type	Sequence	Column Name
KENV_ENV_GROUP_ PRIM_SOURCES_U1	UNIQUE	1	ENV_GROUP_ PRIM_SOURCE_ID

Sequences

Sequence Name	Sequence Type
KENV_ENV_GROUP_ PRIM_SOURCES_S	ENV_GROUP_PRIM_ SOURCE_ID

KENV_ENV_GROUPS

The main table is for the environment groups. It stores information regarding the name of the environment group, description, the enabled status, and whether executions should be executed in parallel or serial.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
ENV_GROUP_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
ENV_GROUP_NAME	NOT NULL	VARCHAR2(100)	Name of the environment group
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flag to determine whether the environment group is currently enabled
PARALLEL_FLAG	NOT NULL	VARCHAR2(1)	Flag to determine whether environment executions should take place in parallel or serially

Column Name	Null?	Data Type	Description
DESCRIPTION	NULLABLE	VARCHAR2(240)	Description of the environment group
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, and so on)
SOURCE	NULLABLE	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update

Indexes

Index Name	Index Type	Sequence	Column Name
KENV_ENV_GROUPS_U1	UNIQUE	1	ENV_GROUP_ID
KENV_ENV_GROUPS_U2	UNIQUE	1	ENV_GROUP_NAME

Sequences

Sequence Name	Sequence Type
KENV_ENV_GROUPS_S	ENV_GROUP_ID

KENV_ENVIRONMENTS

This table stores all of the base information defined for each environment.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KACC_ ACCELERATORS_NLS	ACCELERATOR_ID	DEFAULT_ ACCELERATOR_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_PARAMETER_ SET_CONTEXTS	PARAMETER_SET_ CONTEXT_ID	USER_DATA_SET_ CONTEXT_ID

Column Descriptions

Column Name	Null?	Data Type	Description
ENVIRONMENT_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
ENTITY_LAST_ UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
ENVIRONMENT_ NAME	NOT NULL	VARCHAR2(80)	Name of the environment
DESCRIPTION	NULLABLE	VARCHAR2(240)	Description of the environment
LOCATION	NULLABLE	VARCHAR2(240)	Physical location of the machine (used for reporting only)
SERVER_NAME	NULLABLE	VARCHAR2(100)	DNS name or IP Address of the server.

Column Name	Null?	Data Type	Description
SERVER_TYPE_ CODE	NULLABLE	VARCHAR2(30)	Lookup code for 'SERVER_ TYPE_CODE'; defines the operating system of the server
SERVER_ USERNAME	NULLABLE	VARCHAR2(30)	Default username used when connecting via FTP, SCP, Telnet, or SSH to the machine
SERVER_ PASSWORD	NULLABLE	VARCHAR2(200)	(ENCRYPTED) Password used when connecting to the machine
SERVER_NT_ DOMAIN	NULLABLE	VARCHAR2(80)	Domain of the Windows NT server
SERVER_BASE_ PATH	NULLABLE	VARCHAR2(80)	Initial path for this environment; the server will change to this directory after successfully connecting
SERVER_CON_ PROTOCOL	NULLABLE	VARCHAR2(30)	Lookup code for 'CONNECTION_ PROTOCOL'; defines the protocol for interaction connections to this server
SERVER_ TRANSFER_ PROTOCOL	NULLABLE	VARCHAR2(30)	Lookup code for 'TRANSFER_PROTOCOL'; defines the protocol for file transfers to and from this server
CLIENT_NAME	NULLABLE	VARCHAR2(100)	DNS name or IP address of the client
CLIENT_TYPE_ CODE	NULLABLE	VARCHAR2(30)	Lookup code for 'SERVER_ TYPE_CODE' ; defines the operating system of the client.
CLIENT_ USERNAME	NULLABLE	VARCHAR2(30)	Default username used when connecting via FTP, SCP, Telnet, or SSH to the machine

Column Name	Null?	Data Type	Description
CLIENT_ PASSWORD	NULLABLE	VARCHAR2(200)	(ENCRYPTED) Password used when connecting to the machine
CLIENT_NT_ DOMAIN	NULLABLE	VARCHAR2(80)	NT Domain of the client machine
CLIENT_BASE_ PATH	NULLABLE	VARCHAR2(80)	Initial path for this environment; the client will change to this directory after successfully connecting
CLIENT_CON_ PROTOCOL	NULLABLE	VARCHAR2(30)	Lookup code for 'CONNECTION_ PROTOCOL'; defines the protocol for interaction connections to this client
CLIENT_ TRANSFER_ PROTOCOL	NULLABLE	VARCHAR2(30)	Lookup code for 'TRANSFER_PROTOCOL'; defines the protocol for file transfers to and from this client
DB_NAME	NULLABLE	VARCHAR2(100)	Database name for this environment's associated database
DB_ORACLE_SID	NULLABLE	VARCHAR2(30)	$ORACLE_SID for the database
DB_CONNECTION_ STRING	NULLABLE	VARCHAR2(30)	Connection string (from tnsnames.ora) for the database
DB_USERNAME	NULLABLE	VARCHAR2(30)	Default username for connecting to or executing scripts against the database
DB_PASSWORD	NULLABLE	VARCHAR2(200)	(ENCRYPTED) Password used when connecting to or executing scripts against the database
DB_VERSION	NULLABLE	VARCHAR2(40)	Database version for the database (used for reporting only)

Column Name	Null?	Data Type	Description
DB_LINK	NULLABLE	VARCHAR2(130)	Database link
DB_PORT_ NUMBER	NULLABLE	NUMBER	Port number -- used mainly in environment comparison
DATABASE_TYPE	NOT NULL	VARCHAR2(40)	Type of database. Current valid values include Oracle, SQL Server
MSSQL_DB_NAME	NULLABLE	VARCHAR2(30)	Name of database (for SQL Server)
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Determines whether this environment can serve as a source or destination database for a workflow
SERVER_ ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Whether or not to enable server for this environment
CLIENT_ ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Whether or not to enable client for this environment
DATABASE_ ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Whether or not to enable database for this environment
DEFAULT_ ACCELERATOR_ID	NULLABLE	NUMBER	Default accelerator associated with the environment
SOURCE_TYPE_ CODE	NULLABLE	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, and so on)
SOURCE	NULLABLE	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update
USER_DATA_SET_ CONTEXT_ID	NULLABLE	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1-20	NULLABLE	VARCHAR2(200)	User data segment

Column Name	Null?	Data Type	Description
VISIBLE_USER_DATA1-20	NULLABLE	VARCHAR2(200)	User data segment
DB_JDBC_URL	NULLABLE	VARCHAR2(2000)	the database jdbc URL
SERVER_STREAM_ENCODING	NULLABLE	VARCHAR2(40)	
CLIENT_STREAM_ENCODING	NULLABLE	VARCHAR2(40)	

Indexes

Index Name	Index Type	Sequence	Column Name
KENV_ENVIRONMENTS_U1	UNIQUE	1	ENVIRONMENT_ID
KENV_ENVIRONMENTS_U2	UNIQUE	1	ENVIRONMENT_NAME

Sequences

Sequence Name	Sequence Type
KENV_ENVIRONMENTS_S	ENVIRONMENT_ID

KENV_GROUP_EXEC_RESULTS

This table stores the destination environments where the environment group execution has successfully migrated to. This information will be used by the next run of the same workflow step to determine if we need to migrate to all the environments in the destination environment group or just part of it.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KENV_ENVIRONMENTS	ENVIRONMENT_ID	SOURCE_ID
KWFL_STEP_ TRANSACTIONS	STEP_TRANSACTION_ID	STEP_TRANSACTION_ID
KENV_ENVIRONMENTS	ENVIRONMENT_ID	SUCCEEDED_DEST_ ENV_ID
KWFL_WORKFLOWS_ NLS	WORKFLOW_STEP_ID	WORKFLOW_STEP_ID

Column Descriptions

Column Name	Null?	Data Type	Description
GROUP_EXEC_ RESULT_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
SOURCE_TABLE	NOT NULL	VARCHAR2(30)	Name of the table that stores the entity initiating this environment group execution (for example, KDLV_ PACKAGE_LINES, KCRT_ REQUESTS, KREL_DIST_ LINE_INSTANCES)

Column Name	Null?	Data Type	Description
SOURCE_ID	NOT NULL	NUMBER	Primary key value in the SOURCE_TABLE (for example, the value for a PACKAGE_LINE_ID, REQUEST_ID, or DIST_LINE_INSTANCE_ID)
WORKFLOW_STEP_ID	NOT NULL	NUMBER	ID of the workflow step initiating this environment group execution.
STEP_TRANSACTION_ID	NOT NULL	NUMBER	ID of the workflow step transaction for this environment group execution.
SUCCEEDED_DEST_ENV_ID	NOT NULL	NUMBER	ID of an environment in the destination environment group to which the object has been successfully migrated.

Indexes

Index Name	Index Type	Sequence	Column Name
KENV_GROUP_EXEC_RESULTS_U1	UNIQUE	1	GROUP_EXEC_RESULT_ID

Sequences

Sequence Name	Sequence Type
KENV_GROUP_EXEC_RESULTS_S	GROUP_EXEC_RESULT_ID

KENV_HOST_CLASS_MEMBERS

This table is an internal table used by PPM Center's HP Deployment Management to group operating systems into host classes.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KENV_HOST_CLASSES_NLS	HOST_CLASS_ID	HOST_CLASS_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	CREATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
HOST_CLASS_MEMBER_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
HOST_CLASS_ID	NOT NULL	NUMBER	Host Class identifier
HOST_TYPE_CODE	NULLABLE	VARCHAR2(30)	Lookup code for 'HOST_TYPE_CODE'; defines the operating system type for this host type
DESCRIPTION	NULLABLE	VARCHAR2(240)	Description of the host class member
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Determines whether Deliver recognizes this class of server
SQL_COMMAND	NULLABLE	VARCHAR2(80)	A SQL statement command

Indexes

Index Name	Index Type	Sequence	Column Name
KENV_HOST_CLASS_MEMBERS_N1	NONUNIQUE	1	HOST_CLASS_ID
KENV_HOST_CLASS_MEMBERS_U1	UNIQUE	1	HOST_CLASS_MEMBER_ID

Sequences

Sequence Name	Sequence Type
KENV_HOST_CLASS_MEMBERS_S	HOST_CLASS_MEMBER_ID

KENV_HOST_CLASS_MEMBERS_UPG

This table is used during the Apps*Integrity 1.7 to IS*Integrity 2.0 upgrade to populate the contents of the KENV_HOST_CLASS_MEMBERS table.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	CREATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
HOST_CLASS_ MEMBER_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
HOST_CLASS_ID	NOT NULL	NUMBER	Host Class identifier
HOST_TYPE_CODE	NOT NULL	VARCHAR2(80)	Lookup code for 'HOST_ TYPE_CODE'; defines the operating system type for this host type
DESCRIPTION	NULLABLE	VARCHAR2(240)	Description of the host class member
ENABLED_FLAG	NULLABLE	VARCHAR2(1)	Determines whether Deliver recognizes this class of server
USER_DATA1-10	NULLABLE	VARCHAR2(200)	User data segment
USER_VISIBLE_ DATA1-10	NULLABLE	VARCHAR2(200)	User data segment

Indexes

Index Name	Index Type	Sequence	Column Name
KENV_HOST_CLASS_MEMBERS_UPG_N1	NONUNIQUE	1	HOST_TYPE_CODE
KENV_HOST_CLASS_MEMBERS_UPG_N1	NONUNIQUE	2	USER_DATA10

Sequences

This table uses no sequences.

KENV_HOST_CLASSES

This table is an internal table used by Kintana Deliver to define functional host classes (operating system groupings) for its client and server machines.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
HOST_CLASS_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
HOST_CLASS_ NAME	NOT NULL	VARCHAR2(80)	Defines the host class. Either "Windows Hosts" or "UNIX Hosts."
OS_FILE_ DELIMITER	NOT NULL	VARCHAR2(5)	Identifies the slash type for this operating system ('/' or '\')
DESCRIPTION	NULLABLE	VARCHAR2(240)	Description of the host
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Determines whether this application may be used in a workflow
DEFINITION_ LANGUAGE	NOT NULL	VARCHAR2(40)	Definition Language
REFERENCE_ CODE	NOT NULL	VARCHAR2(200)	Reference Code

Indexes

Index Name	Index Type	Sequence	Column Name
KENV_HOST_CLASSES_U1	UNIQUE	1	HOST_CLASS_ID
KENV_HOST_CLASSES_U2	UNIQUE	1	HOST_CLASS_ NAME
SYS_C005197824	UNIQUE	1	REFERENCE_ CODE

Sequences

This table uses no sequences.

KENV_MAINFRAME_PARAMS

This table is only used to store the Mainframe Parameters for JCL executions. Information from the Mainframe Data tab on an environment is stored here. A parameter is used to dynamically change the contents of a JCL script. It converts a template JCL script into something usable for submission.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KENV_ENVIRONMENTS	ENVIRONMENT_ID	ENVIRONMENT_ID

Column Descriptions

Column Name	Null?	Data Type	Description
PARAMETER_ID	NOT NULL	NUMBER	System-generated identifier
ENVIRONMENT_ID	NOT NULL	NUMBER	Environment associated with this parameter
TOKEN	NOT NULL	VARCHAR2(30)	Not used. Reserved for future use
EXPRESSION	NULLABLE	VARCHAR2(200)	Regular expression to search for
SUBSTITUTION	NULLABLE	VARCHAR2(200)	Substitution text
GLOBAL_FLAG	NOT NULL	VARCHAR2(1)	IF 'Y', the substitution is a global one for the entire line
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record

Indexes

Index Name	Index Type	Sequence	Column Name
KENV_MAINFRAME_PARAMS_U1	UNIQUE	1	PARAMETER_ID

Sequences

Sequence Name	Sequence Type
KENV_MAINFRAME_PARAMS_S	PARAMETER_ID

KENV_OBJECT_ATTRIBUTES

This table stores information about the specific attributes of an object; when comparing two objects, each of the attributes for those objects is compared. For database objects, the attributes are columns in a table or view (typically a data dictionary view), while for file system objects, the attributes are attributes about the file itself (for example, name and size). This table also contains information about how each of the attributes is displayed, including its datatype, length, and order.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KENV_OBJECTS	OBJECT_ID	OBJECT_ID
KNTA_USERS	USER_ID	CREATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
OBJECT_ ATTRIBUTE_ID	NOT NULL	NUMBER	System-generated identifier
ATTRIBUTE_ NAME	NOT NULL	VARCHAR2(150)	Displayed name of the attribute
COLUMN_NAME	NULLABLE	VARCHAR2(2000)	For database objects, the actual column that is queried
COLUMN_ALIAS	NOT NULL	VARCHAR2(80)	For database objects, the alias for the column that is queried
OBJECT_ID	NULLABLE	NUMBER	Identifier for the object that this attribute belongs to
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
DESCRIPTION	NULLABLE	VARCHAR2(240)	A description for the attribute

Column Name	Null?	Data Type	Description
ORIGINAL_ ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Original value of Enabled Flag for seeded rows
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether the attribute is used in comparisons
ORIGINAL_ ALWAYS_ DISPLAY_FLAG	NOT NULL	VARCHAR2(1)	Original value of Always Display Flag for seeded rows
ALWAYS_ DISPLAY_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether the attribute is displayed if there are no differences between two objects and the Only Report Differences flag on the comparison reports is set to Yes
ORIGINAL_ COMPARE_FLAG	NOT NULL	VARCHAR2(1)	Original value of Compare Flag for seeded rows
COMPARE_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether the attribute is compared for differences when comparing two objects
TYPE	NOT NULL	NUMBER	Data type for the attribute (number, character, date, and so on)
LENGTH	NOT NULL	NUMBER	Display length for the attribute. This value does not affect how many characters of the attribute are actually compared
SORT_ORDER	NOT NULL	NUMBER	Order that the attribute is displayed on the comparison reports

Indexes

Index Name	Index Type	Sequence	Column Name
KENV_OBJECT_ ATTRIBUTES_U1	UNIQUE	1	OBJECT_ATTRIBUTE_ID

Sequences

This table uses no sequences.

KENV_OBJECTS

This table stores all of the objects that can be compared using the Environment Comparison Reports. Objects can either be Oracle database objects, SQL Server database objects, or file system objects. When you compare an object, you also compare all of the objects within its hierarchy; for example, when comparing tables in two environments, you also compare the columns for the tables.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KENV_OBJECTS	OBJECT_ID	PARENT_OBJECT_ID
KENV_OBJECT_ ATTRIBUTES	OBJECT_ATTRIBUTE_ID	PRIMARY_KEY_ ATTRIBUTE_ID
KENV_OBJECT_ ATTRIBUTES	OBJECT_ATTRIBUTE_ID	USER_KEY_ATTRIBUTE_ ID

Column Descriptions

Column Name	Null?	Data Type	Description
OBJECT_ID	NOT NULL	NUMBER	System-generated identifier
USER_KEY_ ATTRIBUTE_ID	NOT NULL	NUMBER	Attribute identifier for the displayed unique key for the object
PRIMARY_KEY_ ATTRIBUTE_ID	NOT NULL	NUMBER	Attribute identifier for the primary key for the object
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
DESCRIPTION	NULLABLE	VARCHAR2(240)	A description for the object

Column Name	Null?	Data Type	Description
ORIGINAL_ ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Original value of Enabled Flag for seeded rows
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether the object can be used in comparisons
OBJECT_LEVEL	NOT NULL	NUMBER	Level within the object hierarchy
OBJECT_ SOURCE	NOT NULL	VARCHAR2(80)	Source of the object (Oracle, SQL Server, or file system)
TABLE_NAME	NULLABLE	VARCHAR2(80)	For database objects, the name of the table
PARENT_ OBJECT_ID	NULLABLE	NUMBER	If the Object Level is not 0, the identifier for the parent object within the hierarchy
SELECT_ CONDITION	NULLABLE	VARCHAR2(2000)	For database objects, the WHERE condition that restricts what objects are queried
SELECT_SQL	NULLABLE	CLOB	For database objects, the specific SQL used to query the objects
SELECT_ ORDERBY	NULLABLE	VARCHAR2(2000)	For database objects, the ORDER BY clause used to sort the objects

Indexes

Index Name	Index Type	Sequence	Column Name
KENV_OBJECTS_U1	UNIQUE	1	OBJECT_ID

Sequences

This table uses no sequences.

KINS_DEPLOYMENTS

This table stores system information about what has been installed on this instance.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
DEPLOYMENT_ID	NOT NULL	VARCHAR2(40)	System-generated identifier
VERSION	NOT NULL	VARCHAR2(10)	System-generated version for the entity. This column must not be updated manually
DEPLOYED_DATE	NULLABLE	DATE	Date of the deployment
DESCRIPTION	NULLABLE	VARCHAR2(80)	Description of what was deployed

Indexes

This table uses no indexes.

Sequences

This table uses no sequences.

KINS_PATCHES

This table stores information about deployment of patches on the PPM Server (hotfixes), including the full list of files deployed as part of the hotfixes. It is populated when hotfixes are deployed using the `kDeploy` script.

Foreign Keys

This table does not have any Foreign Keys.

Column Descriptions

Column Name	Null?	Data Type	Description
DEPLOYMENT_ID	NULLABLE	VARCHAR2(100)	Hotfix name. **Note:** This is not a primary key.
PATCH_DESC	NULLABLE	VARCHAR2(200)	Short description of the hotfix
INCIDENT_NUMBER	NULLABLE	VARCHAR2(20)	Incident number of the hotfix, if any
DEFECT_NUMBER	NULLABLE	VARCHAR2(40)	Defect number of the hotfix, if any
FILE_PATH	NULLABLE	VARCHAR2(200)	Path of the file deployed in the bundle
FILE_FROM	NULLABLE	VARCHAR2(20)	Indicates whether the file path is from FILESYSTEM or from deployed HOTFIX
DEPLOY_DATE	NULLABLE	DATE	Date the hotfix was deployed
MACHINE_NAME	NULLABLE	VARCHAR2(100)	HostName and path of PPM_HOME concatenated using '|'
PPM_VERSION	NULLABLE	VARCHAR2(10)	Version of PPM Center where the hotfix was deployed
FILE_SIZE	NULLABLE	NUMBER	Size of the file

Indexes

This table does not use any Indexes.

Sequences

This table does not use any Sequences.

KINS_PROJECT_WORKING_DAY_CONV

This table stores projects that have been converted when the working day (# of hours and start time) are redefined. Once all the start and end times of each task are converted, this table is cleared.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
MASTER_PROJECT_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
OLD_START	NOT NULL	NUMBER	Old start time of the global day.
OLD_LENGTH	NOT NULL	NUMBER	Old length of the global day.
NEW_START	NOT NULL	NUMBER	New start time of the global day.
NEW_LENGTH	NOT NULL	NUMBER	New length of the global day.

Indexes

Index Name	Index Type	Sequence	Column Name
KINS_PROJECT_WORK_DAY_CONV_U1	UNIQUE	1	MASTER_PROJECT_ID

Sequences

This table uses no sequences.

KINS_UPGRADE_LOGS

This table stores messages that were generated as a result of the upgrade.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
UPGRADE_LOG_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
UPGRADE_RUN_ID	NOT NULL	NUMBER	Identifier for the upgrade run that generated this message
VERSION_NUMBER	NOT NULL	VARCHAR2(20)	Version number of the product
PATCH_NUMBER	NULLABLE	VARCHAR2(20)	Patch number of the product
SOURCE	NOT NULL	VARCHAR2(200)	Script that resulted in this message
MESSAGE_TYPE	NOT NULL	VARCHAR2(30)	Indicates whether the message is a warning or error
MESSAGE	NULLABLE	CLOB	Text of the message

Indexes

Index Name	Index Type	Sequence	Column Name
KINS_UPGRADE_LOGS_N1	NONUNIQUE	1	UPGRADE_RUN_ID
KINS_UPGRADE_LOGS_N1	NONUNIQUE	2	SOURCE
KINS_UPGRADE_LOGS_U1	UNIQUE	1	UPGRADE_LOG_ID

Sequences

Sequence Name	Sequence Type
KINS_UPGRADE_LOGS_S	UPGRADE_LOG_ID

KNTA_ACCESS_GRANTS

This table stores a list of grant definitions.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_PRODUCTS_NLS	PRODUCT_ID	PRODUCT_ID

Column Descriptions

Column Name	Null?	Data Type	Description
ACCESS_GRANT_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
ACCESS_GRANT_NAME	NOT NULL	VARCHAR2(80)	Name of access grant
ACCESS_GRANT_KEY	NOT NULL	NUMBER	Numeric key of access grant
PRODUCT_ID	NULLABLE	NUMBER	Product identifier the access grant is used by
DESCRIPTION	NULLABLE	VARCHAR2(200)	Description of grant
CATEGORY	NOT NULL	VARCHAR2(100)	Category the grant is used for
DEFINITION_LANGUAGE	NOT NULL	VARCHAR2(40)	Language name in which the record was defined
REFERENCE_CODE	NOT NULL	VARCHAR2(200)	System generated unique reference code

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_ACCESS_ GRANTS_U1	UNIQUE	1	ACCESS_GRANT_ID
KNTA_ACCESS_ GRANTS_U2	UNIQUE	1	ACCESS_GRANT_ NAME
SYS_C005197906	UNIQUE	1	REFERENCE_CODE

Sequences

This table uses no sequences.

KNTA_ACCESS_SECURITY

This table stores the linked access grants for security groups.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_ACCESS_ GRANTS_NLS	ACCESS_GRANT_ID	ACCESS_GRANT_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_SECURITY_ GROUPS_NLS	SECURITY_GROUP_ID	SECURITY_GROUP_ID

Column Descriptions

Column Name	Null?	Data Type	Description
ACCESS_ SECURITY_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
SECURITY_ GROUP_ID	NOT NULL	NUMBER	Identifier of the security group this grant is linked to

Column Name	Null?	Data Type	Description
ACCESS_ GRANT_ID	NOT NULL	NUMBER	Identifier of the specific grant that is linked
SOURCE_TYPE_ CODE	NULLABLE	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, and so on)
SOURCE	NULLABLE	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_ACCESS_ SECURITY_U1	UNIQUE	1	ACCESS_SECURITY_ID
KNTA_ACCESS_ SECURITY_U2	UNIQUE	1	ACCESS_GRANT_ID
KNTA_ACCESS_ SECURITY_U2	UNIQUE	2	SECURITY_GROUP_ID
KNTA_ACCESS_ SECURITY_U3	UNIQUE	1	SECURITY_GROUP_ID
KNTA_ACCESS_ SECURITY_U3	UNIQUE	2	ACCESS_GRANT_ID

Sequences

Sequence Name	Sequence Type
KNTA_ACCESS_ SECURITY_S	ACCESS_SECURITY_ID

KNTA_ACCESS_SECURITY_HIST

This table stores access security history. This table is required for SOX audit. The retention of records in this table should be determined by the SOX guidelines for the company.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_ACCESS_ GRANTS_NLS	ACCESS_GRANT_ID	ACCESS_GRANT_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_SECURITY_ GROUPS_NLS	SECURITY_GROUP_ID	SECURITY_GROUP_ID

Column Descriptions

Column Name	Null?	Data Type	Description
ACCESS_ SECURITY_ HIST_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
SECURITY_ GROUP_ID	NOT NULL	NUMBER	Indicates the security group for this record. This value should correspond to the SECURITY_GROUP_ID in KNTA_SECURITY_ GROUPS

Column Name	Null?	Data Type	Description
ACCESS_ GRANT_ID	NOT NULL	NUMBER	Indicates the access grant for this record. This value should correspond to the ACCES_GRANT_ID in KNTA_ACCESS_ GRANTS
ACCESS_ GRANT_NAME	NOT NULL	VARCHAR2(80)	Indicates the access grant name for this record.
SOURCE_TYPE_ CODE	NULLABLE	VARCHAR2(30)	Indicates the source type code for this record
SOURCE	NULLABLE	VARCHAR2(100)	Indicates the source for this record
EVENT_CODE	NOT NULL	VARCHAR2(20)	Indicates the event code for this record

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_ACCESS_ SECURITY_HIST_N1	NONUNIQUE	1	SECURITY_ GROUP_ID
KNTA_ACCESS_ SECURITY_HIST_N2	NONUNIQUE	1	ACCESS_ GRANT_ID
KNTA_ACCESS_ SECURITY_HIST_U1	UNIQUE	1	ACCESS_ SECURITY_ HIST_ID

Sequences

Sequence Name	Sequence Type
KNTA_ACCESS_ SECURITY_HIST_S	ACCESS_SECURITY_ HIST_ID

KNTA_APP_SERVER_MODE

This table stores the current mode of the server. Valid modes are: DISABLED, RESTRICTED, NORMAL. This table will at most contain a single row. For more information about each mode and how it is used, see the *Installation and Administration Guide*.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
SERVER_MODE	NULLABLE	VARCHAR2(30)	Mode of the server

Indexes

This table uses no indexes.

Sequences

This table uses no sequences.

KNTA_APP_SERVER_PROPERTIES

This table stores all of the server properties found in the PPM Center configuration file (`server.conf`) as well as internal server parameters initialized when the PPM Center server starts. The SERVER_NAME column indicates what server the properties are associated with. The SERVER_NAME maps directly to the KINTANA_SERVER_NAME property in `server.conf`. In a single server install, there will be one unique SERVER_NAME for all properties. In a multi-server install, there will be additional SERVER_NAMEs for each secondary server. For a given PPM Center server, this table contains one row for each property, along with the current setting of that property. The contents of the `server.conf` file are copied into this table each time the PPM Center server is started.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
KEY	NOT NULL	VARCHAR2(80)	Name of the property, such as "BASE_URL"
VALUE	NULLABLE	VARCHAR2(4000)	Value of the property, such as "http://server.kintana.com/kintana/"
SERVER_NAME	NULLABLE	VARCHAR2(80)	Name of the server (as specified by KINTANA_SERVER_NAME in `server.conf`) that the key and value are associated with
AT_NODE	NULLABLE	VARCHAR2(1)	Indicates whether the value came from a node section in `server.conf` or not

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_APP_SERVER_PROPERTIES_N1	NONUNIQUE	1	KEY
KNTA_APP_SERVER_PROPERTIES_U1	UNIQUE	1	SERVER_NAME
KNTA_APP_SERVER_PROPERTIES_U1	UNIQUE	2	KEY

Sequences

This table uses no sequences.

KNTA_APPLET_KEYS

This is a temporary table that stores a one-time key that is used to automatically authenticate workbench users accessing web pages such as reports, attachments, and logs. This mechanism prevents workbench users from having to enter their logon information twice in a secure way.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
APPLET_KEY_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATED_ DATE	NOT NULL	DATE	Date record was last updated
APPLET_KEY	NULLABLE	NUMBER	One-time key to allow web authentication

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_APPLET_KEYS_U1	UNIQUE	1	APPLET_KEY_ID

Sequences

Sequence Name	Sequence Type
KNTA_APPLET_KEYS_S	APPLET_KEY_ID

KNTA_ARCHIVES

This table stores the list of installed archives and versions that is to be downloaded by clients. It stores base product archives as well as any installed Accelerators.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KACC_ACCELERATORS_NLS	ACCELERATOR_ID	ACCELERATOR_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
ARCHIVE_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
BASE_FILENAME	NOT NULL	VARCHAR2(80)	Filename of bundles to be downloaded by clients
ARCHIVE_NAME	NOT NULL	VARCHAR2(80)	Archive names contained within the bundles
ARCHIVE_TYPE	NULLABLE	VARCHAR2(20)	Archive types or extensions of the archives (zip or jar)
VERSION	NOT NULL	VARCHAR2(10)	System-generated version for the entity. This column must not be updated manually
ACCELERATOR_ID	NULLABLE	NUMBER	Identifier for an accelerator bundle

Indexes

This table uses no indexes.

Sequences

This table uses no sequences.

KNTA_COMMAND_STEPS

This table stores the actual command-line, token-based commands for each respective entity. These command steps are sent through the token parser and passed to the command line of the various machines PPM Center can connect to. Command steps may also consist of special commands (see the special command tables for reference).

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_COMMANDS	COMMAND_ID	COMMAND_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
COMMAND_ STEP_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
COMMAND_ID	NOT NULL	NUMBER	Identifier of the parent command
STEP_SEQ	NOT NULL	NUMBER	Sequence of the command step (within a given command)
COMMAND	NULLABLE	VARCHAR2(2000)	Command itself (for example, ksc_copy_ server_server)
DESCRIPTION	NULLABLE	VARCHAR2(240)	A description of the command

Column Name	Null?	Data Type	Description
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Whether or not the command step has been enabled. (Currently not updateable using the command builder.)
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, and so on)
SOURCE	NULLABLE	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_COMMAND_STEPS_N1	NONUNIQUE	1	COMMAND_ID
KNTA_COMMAND_STEPS_N1	NONUNIQUE	2	STEP_SEQ
KNTA_COMMAND_STEPS_U1	UNIQUE	1	COMMAND_STEP_ID

Sequences

Sequence Name	Sequence Type
KNTA_COMMAND_STEPS_S	COMMAND_STEP_ID

KNTA_COMMANDS

This is a common table to all of the products in PPM Center. It stores all of the commands used by the various entities within the suite. Commands are referenced from entities such as object types, report types, request types, and workflow steps. The command itself does not contain the actual executions that are run, but rather serves to group command steps together and provide a facility (via the condition) to avoid having those steps run.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_ENTITIES_NLS	ENTITY_ID	PARENT_ENTITY_ID
KNTA_REPORT_TYPES_NLS	REPORT_TYPE_ID	PARENT_ID
KDLV_OBJECT_TYPES	OBJECT_TYPE_ID	PARENT_ID
KWFL_WORKFLOW_STEPS_NLS	WORKFLOW_STEP_ID	PARENT_ID
KNTA_VALIDATIONS_NLS	VALIDATION_ID	PARENT_ID
KCRT_REQUEST_TYPES_NLS	REQUEST_TYPE_ID	PARENT_ID
KNTA_SPECIAL_COMMAND_TYPES	SPECIAL_COMMAND_TYPE_ID	PARENT_ID

Column Descriptions

Column Name	Null?	Data Type	Description
COMMAND_ID	NOT NULL	NUMBER	System-generated identifier
PARENT_ENTITY_ID	NOT NULL	NUMBER	Identifier of the parent entity for this command. Refer to table KNTA_ENTITIES.
PARENT_ID	NOT NULL	NUMBER	Actual identifier of the parent record for this command (for example, OBJECT_TYPE_ID)
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record

Column Name	Null?	Data Type	Description
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
COMMAND_NAME	NOT NULL	VARCHAR2(150)	Name of the command
COMMAND_SEQ	NOT NULL	NUMBER	Sequence of the command (this sequence is sequential within one PARENT_ID, PARENT_ENTITY_ID)
CONDITION	NULLABLE	VARCHAR2(2000)	Condition to evaluate to determine whether to run the command steps
DESCRIPTION	NULLABLE	VARCHAR2(240)	A description of the command
TIMEOUT_SECONDS	NULLABLE	NUMBER	Number of seconds a command will be allowed to run. This column prevents infinite loops or hanging. If a command reaches its timeout, it is forced to a FAILURE state.
EXIT_ON_FAIL_FLAG	NOT NULL	VARCHAR2(1)	Determines whether the command will exit on failure. (NOT YET IMPLEMENTED).

Column Name	Null?	Data Type	Description
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Whether or not the command was enabled.
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, and so on)
SOURCE	NULLABLE	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_COMMANDS_N1	NONUNIQUE	1	PARENT_ENTITY_ID
KNTA_COMMANDS_N1	NONUNIQUE	2	PARENT_ID
KNTA_COMMANDS_N1	NONUNIQUE	3	COMMAND_SEQ
KNTA_COMMANDS_U1	UNIQUE	1	COMMAND_ID

Sequences

Sequence Name	Sequence Type
KNTA_COMMANDS_S	COMMAND_ID

KNTA_DEBUG_MESSAGES

This table is used by PL/SQL packages for storing log messages that might be useful during debugging.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
DEBUG_ MESSAGE_ID	NOT NULL	NUMBER	System-generated identifier
DEBUG_ SESSION_ID	NOT NULL	NUMBER	This identifies the database transaction within which this debug message was logged.
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
DEBUG_LEVEL	NOT NULL	NUMBER	This specifies the level of this message. This column can be used for sorting and/ or formatting of messages.
PACKAGE_NAME	NULLABLE	VARCHAR2(30)	This identifies the package which generated this debug message.
BLOCK_NAME	NULLABLE	VARCHAR2(30)	This identifies the procedure or function which generated this debug message.
DEBUG_ COMMENT	NULLABLE	VARCHAR2(2000)	This is the text of the debug message.

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_DEBUG_ MESSAGES_N1	NONUNIQUE	1	DEBUG_ SESSION_ID
KNTA_DEBUG_ MESSAGES_N1	NONUNIQUE	2	DEBUG_ MESSAGE_ID
KNTA_DEBUG_ MESSAGES_N2	NONUNIQUE	1	CREATION_DATE

Sequences

Sequence Name	Sequence Type
KNTA_DEBUG_MESSAGES_S	DEBUG_MESSAGE_ID
KNTA_DEBUG_SESSIONS_S	DEBUG_SESSION_ID

KNTA_DEFAULT_HELP_CONTENTS

This table stores the default administrator entered help content, that allows customers to enter custom help information.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_ENTITIES_NLS	ENTITY_ID	ENTITY_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	CREATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
DEFAULT_HELP_CONTENT_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
ENTITY_ID	NOT NULL	NUMBER	Entity identifier for the help content.
ENTITY_PRIMARY_KEY	NOT NULL	NUMBER	Primary ID of the entity, for example the REQUEST_TYPE_ID if the entity_id corresponds to a request type
PARENT_ENTITY_ID	NOT NULL	NUMBER	Identifier for the parent entity type of the help content

Column Name	Null?	Data Type	Description
PARENT_ ENTITY_ PRIMARY_KEY	NOT NULL	NUMBER	Primary ID of the entity parent, for example the REQUEST_TYPE_ID if the parent ENTITY_ID corresponds to a request type
HELP_ CONTENTS	NOT NULL	CLOB	Actual help content
SOURCE_TYPE_ CODE	NULLABLE	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, and so on)
SOURCE	NULLABLE	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_DEFAULT_HELP_ CONTENTS_N1	NONUNIQUE	1	PARENT_ ENTITY_ID
KNTA_DEFAULT_HELP_ CONTENTS_N1	NONUNIQUE	2	PARENT_ ENTITY_ PRIMARY_KEY
KNTA_DEFAULT_HELP_ CONTENTS_U1	UNIQUE	1	DEFAULT_HELP_ CONTENT_ID

Sequences

Sequence Name	Sequence Type
KNTA_DEFAULT_HELP_ CONTENTS_S	DEFAULT_HELP_ CONTENT_ID

KNTA_DOCUMENT_HISTORY_CONTENTS

This table is used by PPM Center Database DMS to store the history documents versions contents (that is to say, all versions except the latest version) of all documents, as well as their metadata (for full text search).

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
DOCUMENT_ID	NOT NULL	NUMBER	Document ID, as in KNTA_ DOCUMENTS
VERSION_ NUMBER	NOT NULL	NUMBER	Version of the document
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user that created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user that last updated the record
DOC_CONTENT	NULLABLE	BLOB	BLOB column stores the binary contents of this document version file

Column Name	Null?	Data Type	Description
EXTENSION	NULLABLE	VARCHAR2(50)	Extension of the file checked in for this document version
VERSION_ COMMENT	NULLABLE	VARCHAR2(200)	Version comment submitted by the user when this version was submitted
FULL_TEXT_ META	NULLABLE	VARCHAR2(1)	Flag field used for indexing (multi-column metadata TEXT index). A trigger will update it every time any of the indexed metadata columns are updated.

Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C007891982	UNIQUE	1	VERSION_NUMBER
SYS_C007891982	UNIQUE	2	DOCUMENT_ID

Sequences

This table does not use any sequences.

KNTA_DOCUMENT_TIP_CONTENTS

This table is used by PPM Center Database DMS to store the tip content (that is to say, the latest version) of all documents, as well as their metadata.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
DOCUMENT_ID	NOT NULL	NUMBER	Document ID as in KNTA_ DOCUMENTS
VERSION_ NUMBER	NOT NULL	NUMBER	Version Number of the tip version (latest version)
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user that created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user that last updated the record
FULL_NAME	NOT NULL	VARCHAR2(250)	Full name of the file, that is to say, "filename.extension"
DESCRIPTION	NULLABLE	VARCHAR2(1800)	Document description (input by user upon document creation)
AUTHOR	NULLABLE	VARCHAR2(200)	Document author (free text field, not related to PPM Users)
KEYWORDS	NULLABLE	VARCHAR2(1800)	Keywords linked to the document

Column Name	Null?	Data Type	Description
DOC_CONTENT	NULLABLE	BLOB	BLOB column stores the binary contents of the document tip version
VERSION_ COMMENT	NULLABLE	VARCHAR2(200)	Version comment submitted by user when checking in the tip version (copied from KNTA_DOCUMENT_ VERSIONS, used for indexing)
FULL_TEXT_ META	NULLABLE	VARCHAR2(1)	Flag field used for indexing (multi-column metadata TEXT index). A trigger will update it every time any of the indexed metadata columns are updated.

Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C007891975	UNIQUE	1	DOCUMENT_ID

Sequences

This table does not use any Sequences.

KNTA_DOCUMENT_VERSIONS

This table is used by PPM Center Database DMS to store the version metadata such as Version comment, file size, and so on.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
DOCUMENT_ID	NOT NULL	NUMBER	Document ID
VERSION_NUMBER	NOT NULL	NUMBER	Document version number
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user that created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user that last updated the record
EXTENSION	NULLABLE	VARCHAR2(50)	File extension of the file contained in this document version
CHECKED_IN_BY	NOT NULL	NUMBER	User ID of the PPM User that checked in this document version
CHECKED_IN_ DATE	NOT NULL	DATE	Check in date of this document version
FILESIZE	NOT NULL	NUMBER	Size (in bytes) of the file contained in this document version
VERSION_ COMMENT	NULLABLE	VARCHAR2(200)	Version Comment input by the user when checking in this document version.

Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C007891967	UNIQUE	1	VERSION_NUMBER
SYS_C007891967	UNIQUE	2	DOCUMENT_ID

Sequences

This table does not use any sequences.

KNTA_DOCUMENTS

This table stores data for documents such as file size, author, description, checked out user and date.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_PARAM_SET_ FIELDS_NLS	PARAMETER_SET_ FIELD_ID	DOCUMENT_ HOLDER_ID
KNTA_PARAM_SET_ FIELDS_NLS	PARAMETER_SET_ FIELD_ID	DOCUMENT_TYPE_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_ENTITIES_NLS	ENTITY_ID	PARENT_ENTITY_ID

Column Descriptions

Column Name	Null?	Data Type	Description
DOCUMENT_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user that created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user that last updated the record
NAME	NOT NULL	VARCHAR2(200)	File name minus extension
EXTENSION	NULLABLE	VARCHAR2(50)	Extension
CHECKED_OUT_BY	NULLABLE	NUMBER	User id
CHECKED_OUT_ DATE	NULLABLE	DATE	Date
CHECKED_IN_BY	NOT NULL	NUMBER	User id
CHECKED_IN_DATE	NOT NULL	DATE	Date
DESCRIPTION	NULLABLE	VARCHAR2(1800)	Description
AUTHOR	NULLABLE	VARCHAR2(200)	Author, free-form text
FILESIZE	NOT NULL	NUMBER	File size

Column Name	Null?	Data Type	Description
VERSION_NUMBER	NOT NULL	NUMBER	Version number
KEYWORDS	NULLABLE	VARCHAR2(1800)	Key words
VERSION_ COMMENT	NULLABLE	VARCHAR2(200)	Version comment
PARENT_ENTITY_ID	NULLABLE	NUMBER	For example, request
PARENT_PRIMARY_ KEY	NULLABLE	NUMBER	For example, containing request ID
DOCUMENT_TYPE_ ID	NULLABLE	VARCHAR2(30)	Reference or component
DOCUMENT_ HOLDER_ID	NULLABLE	NUMBER	Component index (for example, Field ID of a request)
MIGRATION_ STATUS	NOT NULL	NUMBER	This field is only used during DMS Migration: 0 = not migrated, 1 = in the queue for migration, 2 = migrated successfully, 3 = migration failed
LAST_FLAGGED_ TIME	NOT NULL	DATE	This field is only used during DMS Migration. It contains the date at which the document was put in the documents migration queue, and is used to detect migration timeouts.
ENGINE_UUID	NULLABLE	VARCHAR2(128)	This field is only used during DMS Migration. It contains an ID uniquely identifying the PPM Node on which migration is running.

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_DOCUMENTS_N1	NONUNIQUE	1	PARENT_ENTITY_ID
KNTA_DOCUMENTS_N1	NONUNIQUE	2	PARENT_PRIMARY_ KEY

Index Name	Index Type	Sequence	Column Name
KNTA_DOCUMENTS_N2	NONUNIQUE	1	DOCUMENT_TYPE_ ID
KNTA_DOCUMENTS_N2	NONUNIQUE	2	DOCUMENT_ HOLDER_ID
KNTA_DOCUMENTS_U1	UNIQUE	1	DOCUMENT_ID

Sequences

Sequence Name	Sequence Type
KNTA_DOCUMENTS_S	DOCUMENT_ID

KNTA_ENTITIES

This table stores information about the database tables that make up a business category within PPM Center. The information here supports token evaluation and database-level locking of records.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_ENTITIES_NLS	ENTITY_ID	PARENT_ENTITY_ID
KNTA_VALIDATIONS_NLS	VALIDATION_ID	VALIDATION_ID

Column Descriptions

Column Name	Null?	Data Type	Description
ENTITY_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
ENTITY_NAME	NOT NULL	VARCHAR2(80)	
ENTITY_SHORT_NAME	NOT NULL	VARCHAR2(80)	
DESCRIPTION	NULLABLE	VARCHAR2(240)	
TOKEN_PREFIX	NULLABLE	VARCHAR2(30)	
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	
TABLE_NAME	NULLABLE	VARCHAR2(30)	
PRIMARY_KEY	NULLABLE	VARCHAR2(30)	
USER_PRIMARY_KEY	NULLABLE	VARCHAR2(30)	

Column Name	Null?	Data Type	Description
PARENT_ENTITY_ID	NULLABLE	NUMBER	
PARENT_FOREIGN_KEY	NULLABLE	VARCHAR2(30)	
PARSE_PACKAGE_NAME	NULLABLE	VARCHAR2(30)	
PARSE_FUNCTION_ NAME	NULLABLE	VARCHAR2(30)	
VALIDATION_ID	NULLABLE	NUMBER	
DEFINITION_LANGUAGE	NOT NULL	VARCHAR2(40)	
REFERENCE_CODE	NOT NULL	VARCHAR2(200)	

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_ENTITIES_N1	NONUNIQUE	1	PARENT_ENTITY_ID
KNTA_ENTITIES_U1	UNIQUE	1	ENTITY_ID
KNTA_ENTITIES_U2	UNIQUE	1	TOKEN_PREFIX
SYS_C00108368909	UNIQUE	1	REFERENCE_CODE

Sequences

This table uses no sequences.

KNTA_ENTITY_GROUP_MEMBERS

This table stores the individual entities that belong to each entity group. An entity can be present in more than one entity group.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_ENTITY_GROUPS_NLS	ENTITY_GROUP_ID	ENTITY_GROUP_ID
KNTA_ENTITIES_NLS	ENTITY_ID	ENTITY_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
ENTITY_GROUP_ MEMBER_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
ENTITY_GROUP_ID	NOT NULL	NUMBER	Entity group identifier that the entity belongs to
ENTITY_ID	NOT NULL	NUMBER	Entity identifier that belongs to a specific group

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_ENTITY_ GROUP_MEMBERS_U1	UNIQUE	1	ENTITY_GROUP_ MEMBER_ID
KNTA_ENTITY_ GROUP_MEMBERS_U2	UNIQUE	1	ENTITY_GROUP_ID
KNTA_ENTITY_ GROUP_MEMBERS_U2	UNIQUE	2	ENTITY_ID

Sequences

Sequence Name	Sequence Type
KNTA_ENTITY_GROUP_ MEMBERS_S	ENTITY_GROUP_ MEMBER_ID

KNTA_ENTITY_GROUPS

This table stores the distinct business functions in which entities are used. Each business function (such as notifications or command execution) contains a group of entities whose tokens can be evaluated within that business function.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	CREATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
ENTITY_GROUP_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
ENTITY_GROUP_ NAME	NOT NULL	VARCHAR2(80)	
DESCRIPTION	NULLABLE	VARCHAR2(240)	
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	
DEFINITION_ LANGUAGE	NOT NULL	VARCHAR2(40)	
REFERENCE_CODE	NOT NULL	VARCHAR2(200)	

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_ENTITY_ GROUPS_U1	UNIQUE	1	ENTITY_GROUP_ID
KNTA_ENTITY_ GROUPS_U2	UNIQUE	1	ENTITY_GROUP_ NAME
SYS_C005198014	UNIQUE	1	REFERENCE_CODE

Sequences

This table uses no sequences.

KNTA_ENTITY_RESTRICTIONS

This table stores restricted entities for: a) Workflows on Packages based on Security Group, b) Object Types on Workflows in Packages, c) App Codes on Package Lines in Packages, d) Security Groups on Report Types.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_ENTITIES_NLS	ENTITY_ID	CHILD_ENTITY_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_ENTITIES_NLS	ENTITY_ID	PARENT_ENTITY_ID

Column Descriptions

Column Name	Null?	Data Type	Description
ENTITY_ RESTRICTION_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
RESTRICTION_ TYPE	NOT NULL	VARCHAR2(30)	For example, indicates if we are restricting workflow based on sec group (SG_WF), app_ code based on sec group (SG_ APP) or object type based on workflow (WF_OBJ)
PARENT_ ENTITY_ID	NOT NULL	NUMBER	Entity upon which the restriction is based (for example, SG,WF)
CHILD_ENTITY_ ID	NOT NULL	NUMBER	Entity which is restricted based on the parent (for example, for example, WF,OBJ,APP)

Column Name	Null?	Data Type	Description
PARENT_VALUE	NOT NULL	VARCHAR2(80)	Primary key ID of the parent entity instance
CHILD_VALUE	NOT NULL	VARCHAR2(80)	Primary key ID of the child entity instance
EXCLUDE_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether this is an exclusion or an inclusion (currently all are exclusions)
SOURCE_TYPE_ CODE	NULLABLE	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, and so on)
SOURCE	NULLABLE	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_ENTITY_ RESTRICTIONS_N1	NONUNIQUE	1	CHILD_VALUE
KNTA_ENTITY_ RESTRICTIONS_N1	NONUNIQUE	2	PARENT_VALUE
KNTA_ENTITY_ RESTRICTIONS_N1	NONUNIQUE	3	RESTRICTION_ TYPE
KNTA_ENTITY_ RESTRICTIONS_N2	NONUNIQUE	1	PARENT_VALUE
KNTA_ENTITY_ RESTRICTIONS_N2	NONUNIQUE	2	RESTRICTION_ TYPE
KNTA_ENTITY_ RESTRICTIONS_U1	UNIQUE	1	ENTITY_ RESTRICTION_ID

Sequences

Sequence Name	Sequence Type
KNTA_ENTITY_RESTRICTIONS_S	ENTITY_RESTRICTION_ID

KNTA_ENTITY_SECURITY

This table stores security groups that allow to user or modify a source entity.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_ENTITIES_NLS	ENTITY_ID	ENTITY_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_SECURITY_ GROUPS_NLS	SECURITY_GROUP_ID	SECURITY_GROUP_ID

Column Descriptions

Column Name	Null?	Data Type	Description
ENTITY_ SECURITY_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
ENTITY_ID	NOT NULL	NUMBER	Entity identifier of an entity type
ENTITY_VALUE	NOT NULL	NUMBER	Identifier of an entity
SECURITY_ GROUP_ID	NOT NULL	NUMBER	Identifier of a security group
ACCESS_TYPE_ CODE	NOT NULL	VARCHAR2(30)	Access type for the security group. Two possible value 'USER' or 'EDIT' and stored in lookup table

Column Name	Null?	Data Type	Description
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Whether the association is enabled
SOURCE_TYPE_ CODE	NULLABLE	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, and so on)
SOURCE	NULLABLE	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_ENTITY_SECURITY_N1	NONUNIQUE	1	ENTITY_ID
KNTA_ENTITY_SECURITY_N1	NONUNIQUE	2	ENTITY_VALUE
KNTA_ENTITY_SECURITY_N2	NONUNIQUE	1	SECURITY_ GROUP_ID
KNTA_ENTITY_SECURITY_U1	UNIQUE	1	ENTITY_ SECURITY_ID

Sequences

Sequence Name	Sequence Type
KNTA_ENTITY_ SECURITY_S	ENTITY_SECURITY_ID

KNTA_ENTITY_TABLES

This table stores the hierarchy of the interface tables used by each of the PPM Center migrators.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_ENTITIES_NLS	ENTITY_ID	ENTITY_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_ENTITY_TABLES	ENTITY_TABLE_ID	PARENT_TABLE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
ENTITY_TABLE_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
ENTITY_ID	NOT NULL	NUMBER	Entity identifier for the business entity whose data is being migrated
TABLE_NAME	NOT NULL	VARCHAR2(30)	Name of the interface table that is used in migrating a business entity

Column Name	Null?	Data Type	Description
DESCRIPTION	NULLABLE	VARCHAR2(200)	Description of the table within the hierarchy
ENABLED_FLAG	NULLABLE	VARCHAR2(1)	Indicates whether the interface table is enabled for the business entity
PARENT_TABLE_ID	NULLABLE	NUMBER	Identifier for the parent interface table

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_ENTITY_TABLES_N1	NONUNIQUE	1	ENTITY_ID
KNTA_ENTITY_TABLES_U1	UNIQUE	1	ENTITY_TABLE_ID

Sequences

This table uses no sequences.

KNTA_ENTITY_TOKENS

This table stores the individual tokens that can be evaluated for each entity to provide dynamic context-sensitive values at the point of use. Tokens can be used in command execution, validation SQL statements, notifications, and workflow executions.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_ENTITIES_NLS	ENTITY_ID	ENTITY_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
ENTITY_TOKEN_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
TOKEN	NOT NULL	VARCHAR2(40)	
TOKEN_NAME	NOT NULL	VARCHAR2(100)	
TOKEN_SHORT_ NAME	NULLABLE	VARCHAR2(50)	
DESCRIPTION	NULLABLE	VARCHAR2(240)	
ENTITY_ID	NOT NULL	NUMBER	
DEFAULT_ COLUMN_SIZE	NULLABLE	NUMBER	
ENCRYPTED_ FLAG	NOT NULL	VARCHAR2(1)	

Column Name	Null?	Data Type	Description
COLUMN_NAME	NULLABLE	VARCHAR2(80)	
TOKEN_SQL	NULLABLE	VARCHAR2(2000)	
RECIPIENT_TYPE_CODE	NULLABLE	VARCHAR2(30)	
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	
DEFINITION_LANGUAGE	NOT NULL	VARCHAR2(40)	
REFERENCE_CODE	NOT NULL	VARCHAR2(200)	

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_ENTITY_TOKENS_U1	UNIQUE	1	ENTITY_TOKEN_ID
KNTA_ENTITY_TOKENS_U2	UNIQUE	1	ENTITY_ID
KNTA_ENTITY_TOKENS_U2	UNIQUE	2	TOKEN
SYS_C005198065	UNIQUE	1	REFERENCE_CODE

Sequences

This table uses no sequences.

KNTA_EXC_RULE_TYPES

This table stores the rule types that are used to calculate the task exceptions.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	USER_DATA_SET_CONTEXT_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_ENTITIES_NLS	ENTITY_ID	ENTITY_ID

Column Descriptions

Column Name	Null?	Data Type	Description
EXCEPTION_RULE_TYPE_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
ENTITY_ID	NOT NULL	NUMBER	
RULE_TYPE_NAME	NOT NULL	VARCHAR2(100)	
DESCRIPTION	NULLABLE	VARCHAR2(300)	
ROLLUP_EXCEPTION_FLAG	NOT NULL	VARCHAR2(1)	
DEFAULT_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	

Column Name	Null?	Data Type	Description
DEFAULT_ INCLUDE_IN_ ROLLUP_FLAG	NOT NULL	VARCHAR2(1)	
CONDITION	NULLABLE	CLOB	
DISPLAYED_RULE	NULLABLE	VARCHAR2(2000)	
ICON_NAME	NULLABLE	VARCHAR2(100)	
SOURCE_TYPE_ CODE	NULLABLE	VARCHAR2(30)	
SOURCE	NULLABLE	VARCHAR2(100)	
USER_DATA_SET_ CONTEXT_ID	NULLABLE	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1-20	NULLABLE	VARCHAR2(250)	User data segment
VISIBLE_USER_ DATA1-20	NULLABLE	VARCHAR2(250)	User data segment
DEFINITION_ LANGUAGE	NOT NULL	VARCHAR2(40)	
REFERENCE_CODE	NOT NULL	VARCHAR2(200)	

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_EXCEPTION_RULE_ TYPES_U1	UNIQUE	1	EXCEPTION_ RULE_TYPE_ID
KNTA_EXCEPTION_RULE_ TYPES_U2	UNIQUE	1	RULE_TYPE_NAME
SYS_C005198106	UNIQUE	1	REFERENCE_ CODE

Sequences

This table uses no sequences.

KNTA_EXCEPTIONS

This table stores Exceptions for projects, tasks and rollup exceptions. Whenever an exception Rule is violated an Exception is raised by the Exception Engine and it is stored in this table. (In future this will be used by Requests, Packages and Package lines also.)

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_EXCEPTION_ RULES_NLS	EXCEPTION_RULE_ID	EXCEPTION_RULE_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_ENTITIES_NLS	ENTITY_ID	SOURCE_ENTITY_ID
PM_PROJECTS	PROJECT_ID	SOURCE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
EXCEPTION_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
EXCEPTION_ RULE_ID	NOT NULL	NUMBER	Exception rule identifier
SOURCE_ ENTITY_ID	NOT NULL	NUMBER	Source type identifier, could be an entity identifier of a project, task, request, package or package line

Column Name	Null?	Data Type	Description
SOURCE_ID	NOT NULL	NUMBER	Source identifier, could be an identifier of a project, task, request, package or package line
EXCEPTION_ MESSAGE	NULLABLE	VARCHAR2(2000)	Exception message text
VIOLATION	NULLABLE	VARCHAR2(250)	Violation attribute

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_EXCEPTIONS_N1	NONUNIQUE	1	SOURCE_ ENTITY_ID
KNTA_EXCEPTIONS_N1	NONUNIQUE	2	SOURCE_ID
KNTA_EXCEPTIONS_N2	NONUNIQUE	1	EXCEPTION_ RULE_ID
KNTA_EXCEPTIONS_N3	NONUNIQUE	1	EXCEPTION_ID

Sequences

Sequence Name	Sequence Type
KNTA_EXCEPTIONS_S	EXCEPTION_ID

KNTA_EXTERNAL_SYNCH

This table stores information of the last execution time when a particular routine interfacing with a third party interface was run.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
EXTERNAL_ SYNCH_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
EXTERNAL_ PRODUCT	NOT NULL	VARCHAR2(50)	External product interfaced with kintana.
SYNCH_DATE	NULLABLE	DATE	Last time this record was modified.
FORMATTED_ DATE	NULLABLE	VARCHAR2(50)	String representation of the date if required by the third party interface.
DESCRIPTION	NULLABLE	VARCHAR2(240)	Description regarding the third party interface.

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_EXTERNAL_SYNCH_N1	NONUNIQUE	1	EXTERNAL_ SYNCH_ID
KNTA_EXTERNAL_SYNCH_N1	NONUNIQUE	2	EXTERNAL_ PRODUCT

Sequences

This table uses no sequences.

KNTA_FIELD_CHANGE_NOTES

This table stores auditing information to be displayed in the notes section when an entity's field values have changed.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	AUTHOR_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_ENTITIES_NLS	ENTITY_ID	PARENT_ENTITY_ID

Column Descriptions

Column Name	Null?	Data Type	Description
FIELD_CHANGE_NOTE_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
PARENT_ENTITY_ID	NOT NULL	NUMBER	Entity type identifier of the parent of this note
PARENT_ENTITY_PRIMARY_KEY	NOT NULL	NUMBER	Primary key of the parent entity
AUTHOR_ID	NOT NULL	NUMBER	Usually this value will be the same as CREATED_BY, but for data that is copied, the ID of the original person who wrote the note

Column Name	Null?	Data Type	Description
AUTHORED_ DATE	NOT NULL	DATE	Usually this value will be the same as the CREATION_ DATE, but for data that is copied, the original date of the note's creation
NOTE_ CONTEXT_ VALUE	NULLABLE	VARCHAR2(30)	Currently only applicable for Request notes, stores the request status ID
NOTE_ CONTEXT_ VISIBLE_VALUE	NULLABLE	VARCHAR2(80)	Currently only applicable for Request notes, stores the request status name
OLD_COLUMN_ VALUE	NULLABLE	VARCHAR2(4000)	Column's previous hidden value
OLD_VISIBLE_ COLUMN_VALUE	NULLABLE	VARCHAR2(4000)	Column's previous visible value
NEW_COLUMN_ VALUE	NULLABLE	VARCHAR2(4000)	Column's new hidden value
NEW_VISIBLE_ COLUMN_VALUE	NULLABLE	VARCHAR2(4000)	Column's new visible value
COLUMN_ PROMPT	NOT NULL	VARCHAR2(200)	Prompt of the field that was changed

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_FIELD_CHANGE_ NOTES_N1	NONUNIQUE	1	PARENT_ ENTITY_ PRIMARY_KEY
KNTA_FIELD_CHANGE_ NOTES_N1	NONUNIQUE	2	PARENT_ ENTITY_ID
KNTA_FIELD_CHANGE_ NOTES_U1	UNIQUE	1	FIELD_CHANGE_ NOTE_ID

Sequences

Sequence Name	Sequence Type
KNTA_FIELD_CHANGE_ NOTES_S	FIELD_CHANGE_NOTE_ID

KNTA_FIELD_FILTERS

Field filters are mappings between fields (through their validation profiles) and filters (using validation) given the filter code. This table stores seed data only, and no data should be added to this table.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_VALIDATIONS_NLS	VALIDATION_ID	VALIDATION_ID
KNTA_VALIDATION_PROFILES_NLS	VALIDATION_PROFILE_ID	VALIDATION_PROFILE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
FIELD_FILTER_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
VALIDATION_ID	NULLABLE	NUMBER	Validation to be used for a selected filter
VALIDATION_PROFILE_ID	NOT NULL	NUMBER	Validation Profile of the field
FILTER_CODE	NOT NULL	VARCHAR2(30)	Filter Code for this particular relationship between Validation Profile and Validation

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_FIELD_FILTERS_N1	NONUNIQUE	1	VALIDATION_PROFILE_ID
KNTA_FIELD_FILTERS_U1	UNIQUE	1	FIELD_FILTER_ID

Sequences

Sequence Name	Sequence Type
KNTA_FIELD_FILTERS_S	FIELD_FILTER_ID

KNTA_FIELD_GROUPS

This table stores all of the available field groups, each field group has table name, which identifies the place that includes a list of all the requests that uses this group. A field group is a collection of fields that together represent all the data necessary to drive some functionality. Administrators can add field groups to a request header type, so that all requests using that request header type will inherit the field group's fields.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_ENTITIES_NLS	ENTITY_ID	ENTITY_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
FIELD_GROUP_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
FIELD_GROUP_NAME	NOT NULL	VARCHAR2(80)	
DESCRIPTION	NULLABLE	VARCHAR2(240)	
ENTITY_ID	NULLABLE	NUMBER	
TABLE_NAME	NOT NULL	VARCHAR2(30)	
INTERFACE_TABLE_NAME	NOT NULL	VARCHAR2(30)	

Column Name	Null?	Data Type	Description
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	
DEFINITION_ LANGUAGE	NOT NULL	VARCHAR2(40)	
REFERENCE_ CODE	NOT NULL	VARCHAR2(200)	

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_FIELD_ GROUPS_U1	UNIQUE	1	FIELD_GROUP_ID
SYS_C00109352306	UNIQUE	1	REFERENCE_ CODE

Sequences

This table uses no sequences.

KNTA_FIELD_SECURITY

This table stores security information by field. This includes whether a field is visible or editable by a user, security group, or token.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_PARAM_SET_ FIELDS_NLS	PARAMETER_SET_ FIELD_ID	PARAMETER_SET_ FIELD_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_SECURITY_ GROUPS_NLS	SECURITY_GROUP_ID	SECURITY_GROUP_ID
KNTA_USERS	USER_ID	USER_ID

Column Descriptions

Column Name	Null?	Data Type	Description
FIELD_SECURITY_ ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
PARAMETER_SET_ FIELD_ID	NOT NULL	NUMBER	Identifier of the parameter field for which this security is set
SECURITY_TYPE_ CODE	NOT NULL	VARCHAR2(30)	Code of the type of security linked to this step
SECURITY_ GROUP_ID	NULLABLE	NUMBER	Security group ID of the security group linked as security to the field
USER_ID	NULLABLE	NUMBER	User ID of the user linked as security to the field

Column Name	Null?	Data Type	Description
TOKEN_TYPE_CODE	NULLABLE	VARCHAR2(30)	Either 'STANDARD' if token linked is a standard kintana token or 'USER_DEFINED' if the token linked is user defined
TOKEN	NULLABLE	VARCHAR2(80)	Token linked as security to the field. This token resolves to one of these four values: 'Username','User ID','Security Group Name','Security Group Id'
EDITABLE_FLAG	NOT NULL	VARCHAR2(1)	This flag indicates whether the field is editable by the defined security
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	This flag indicates whether this field security is enabled
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, and so on)
SOURCE	NULLABLE	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_FIELD_SECURITY_N2	NONUNIQUE	1	PARAMETER_SET_FIELD_ID
KNTA_FIELD_SECURITY_N2	NONUNIQUE	2	USER_ID
KNTA_FIELD_SECURITY_N2	NONUNIQUE	3	SECURITY_TYPE_CODE
KNTA_FIELD_SECURITY_U1	UNIQUE	1	FIELD_SECURITY_ID

Sequences

Sequence Name	Sequence Type
KNTA_FIELD_SECURITY_S	FIELD_SECURITY_ID

KNTA_HELP_CONTENTS

This table stores the help content provided by the administrator, which allows customers to enter custom help information.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_ENTITIES_NLS	ENTITY_ID	ENTITY_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_ENTITIES_NLS	ENTITY_ID	PARENT_ENTITY_ID

Column Descriptions

Column Name	Null?	Data Type	Description
HELP_CONTENT_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
ENTITY_ID	NOT NULL	NUMBER	
ENTITY_PRIMARY_ KEY	NOT NULL	NUMBER	
PARENT_ENTITY_ID	NOT NULL	NUMBER	
PARENT_ENTITY_ PRIMARY_KEY	NOT NULL	NUMBER	
HELP_CONTENTS	NOT NULL	CLOB	
SOURCE_TYPE_ CODE	NULLABLE	VARCHAR2(30)	

Column Name	Null?	Data Type	Description
SOURCE	NULLABLE	VARCHAR2(100)	
DEFINITION_ LANGUAGE	NOT NULL	VARCHAR2(40)	
REFERENCE_CODE	NOT NULL	VARCHAR2(200)	

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_HELP_ CONTENTS_N1	NONUNIQUE	1	PARENT_ENTITY_ID
KNTA_HELP_ CONTENTS_N1	NONUNIQUE	2	PARENT_ENTITY_ PRIMARY_KEY
KNTA_HELP_ CONTENTS_U1	UNIQUE	1	HELP_CONTENT_ID
SYS_C00109352332	UNIQUE	1	REFERENCE_CODE

Sequences

This table uses no sequences.

KNTA_I18N_RESOURCES

This table stores all the language specific resources used by PPM Center. The resources are extracted into property files for JAVA code. The PL/SQL code refers to these resources directly through KNTA_I18N_RESOURCE.GET function calls.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
RESOURCE_ID	NOT NULL	NUMBER	System-generated identifier
KEY	NOT NULL	VARCHAR2(100)	
VALUE	NOT NULL	VARCHAR2(2000)	
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATED_DATE	NOT NULL	DATE	
PRODUCT_CODE	NOT NULL	VARCHAR2(50)	
DESCRIPTION	NULLABLE	VARCHAR2(2000)	
TRANSLATABLE	NULLABLE	VARCHAR2(1)	
SCOPE	NOT NULL	VARCHAR2(10)	
BUNDLE_MODIFIED	NULLABLE	VARCHAR2(1)	
DEFINITION_LANGUAGE	NOT NULL	VARCHAR2(40)	

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_I18N_ RESOURCES_U1	UNIQUE	1	KEY
KNTA_I18N_ RESOURCES_U2	UNIQUE	1	RESOURCE_ID

Sequences

This table uses no sequences.

KNTA_INTERFACE_ERRORS

This table stores error information on each of the interface tables. When an error occurs in a record of any of these tables, there will be a corresponding record in the KNTA_INTERFACE_ERRORS table.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS_INT	TRANSACTION_ID	INTERFACE_SOURCE_ID
KCRT_REQUESTS_INT	TRANSACTION_ID	INTERFACE_SOURCE_ID
KDLV_TRANSACTIONS_ INT	TRANSACTION_ INTERFACE_ID	INTERFACE_SOURCE_ID
KDLV_PACKAGES_INT	PACKAGE_ INTERFACE_ID	INTERFACE_SOURCE_ID
KDLV_PACKAGE_NOTES_ INT	PACKAGE_NOTE_ INTERFACE_ID	INTERFACE_SOURCE_ID
KCRT_CONTACTS_INT	CONTACT_ INTERFACE_ID	INTERFACE_SOURCE_ID
KDLV_PACKAGE_LINES_ INT	PACKAGE_LINE_ INTERFACE_ID	INTERFACE_SOURCE_ID
KWFL_STEP_ TRANSITIONS_INT	TRANSACTION_ID	INTERFACE_SOURCE_ID
KCRT_REQUEST_ DETAILS_INT	TRANSACTION_ID	INTERFACE_SOURCE_ID
KNTA_MESSAGE_TYPES_ NLS	MESSAGE_TYPE_ID	MESSAGE_TYPE_ID
KWFL_TRANSACTIONS_ INT	TRANSACTION_ID	INTERFACE_SOURCE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
INTERFACE_ ERROR_ID	NOT NULL	NUMBER	System-generated identifier
INTERFACE_ TABLE_NAME	NOT NULL	VARCHAR2(30)	Name of the interface table that caused the error
INTERFACE_ SOURCE_ID	NOT NULL	NUMBER	ID of the interface table record that caused the error

Column Name	Null?	Data Type	Description
GROUP_ID	NOT NULL	NUMBER	Group ID of the interface table record that caused the error
CREATION_DATE	NOT NULL	DATE	Date record was created
MESSAGE_ TYPE_ID	NOT NULL	NUMBER	ID of error message
MESSAGE_NAME	NULLABLE	VARCHAR2(100)	Name of the error message
MESSAGE	NULLABLE	VARCHAR2(2000)	Error message

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_INTERFACE_ ERRORS_N1	NONUNIQUE	1	GROUP_ID
KNTA_INTERFACE_ ERRORS_N1	NONUNIQUE	2	INTERFACE_ SOURCE_ID
KNTA_INTERFACE_ ERRORS_N2	NONUNIQUE	1	INTERFACE_ SOURCE_ID
KNTA_INTERFACE_ ERRORS_N2	NONUNIQUE	2	GROUP_ID
KNTA_INTERFACE_ ERRORS_N3	NONUNIQUE	1	INTERFACE_ ERROR_ID

Sequences

Sequence Name	Sequence Type
KNTA_INTERFACE_ ERRORS_S	INTERFACE_ERROR_ID

KNTA_INTERRUPTED_EXECUTIONS

When a server is started, any execution workflow steps marked as "In Progress", but not currently being executed by any running servers, are automatically failed - they must have been interrupted when the server was previously stopped. This table stores all occurrences of such interruptions.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KREL_RELEASES	RELEASE_ID	ENTITY_PRIMARY_KEY_ID
KCRT_REQUESTS	REQUEST_ID	ENTITY_PRIMARY_KEY_ID
KDLV_PACKAGES	PACKAGE_ID	ENTITY_PRIMARY_KEY_ID
KNTA_USERS	USER_ID	LAUNCHED_BY_USER_ID
KNTA_SERVER_ RESTARTS	SERVER_RESTART_ID	SERVER_RESTART_ID
KNTA_REPORT_ SUBMISSIONS	REPORT_SUBMISSION_ID	ENTITY_PRIMARY_KEY_ID
KNTA_ENTITIES_ NLS	ENTITY_ID	ENTITY_ID

Column Descriptions

Column Name	Null?	Data Type	Description
INTERRUPTED_ EXECUTION_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
SERVER_ RESTART_ID	NOT NULL	NUMBER	Foreign key to KNTA_ SERVER_RESTARTS, used to group interrupted executions to a particular server restart event
ENTITY_ID	NOT NULL	NUMBER	Type of entity that was the parent of the interrupted execution

Column Name	Null?	Data Type	Description
ENTITY_ PRIMARY_KEY_ ID	NOT NULL	NUMBER	Primary key value of the entity that was the parent of the interrupted execution
LAUNCHED_BY_ USER_ID	NOT NULL	VARCHAR2(200)	ID of the user who launched the interrupted execution
LAUNCHED_ DATE	NOT NULL	DATE	Date [timestamp] on which the interrupted execution had been started

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_INTERRUPTED_ EXECUTIONS_U1	UNIQUE	1	INTERRUPTED_ EXECUTION_ID
KNTA_INTERRUPTED_ EXECUTIONS_U2	UNIQUE	1	SERVER_RESTART_ ID
KNTA_INTERRUPTED_ EXECUTIONS_U2	UNIQUE	2	ENTITY_ID
KNTA_INTERRUPTED_ EXECUTIONS_U2	UNIQUE	3	ENTITY_PRIMARY_ KEY_ID

Sequences

Sequence Name	Sequence Type
KNTA_INTERRUPTED_ EXECUTIONS_S	INTERRUPTED_ EXECUTION_ID

KNTA_LANGUAGES

This table stores mappings from language and locality codes used by the Oracle RDBMS to language and locality codes used by the Java VM. Currently, the mapping is always one-way, from the Oracle RDBMS to the Java VM. All information in this table are system data and must not be altered by the customer.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
LANGUAGE_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
NLS_LANG_CODE	NOT NULL	VARCHAR2(129)	A concatenation of Oracle NLS language and territory codes
ISO_LANG_CODE	NOT NULL	VARCHAR2(30)	An ISO language code recognized by the Java VM
ISO_COUNTRY_ CODE	NULLABLE	VARCHAR2(80)	An ISO country code recognized by the Java VM

Column Name	Null?	Data Type	Description
INSTALLED_ LANGUAGE_FLAG	NOT NULL	VARCHAR2(1)	Indicates the Installation language of the product. Has a value to 'Y' for the installed language.
SYSTEM_ LANGUAGE	NULLABLE	VARCHAR2(1)	
DEPLOYED	NULLABLE	VARCHAR2(1)	

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_ LANGUAGES_U1	UNIQUE	1	LANGUAGE_ID
KNTA_ LANGUAGES_U2	UNIQUE	1	NLS_LANG_ CODE

Sequences

This table uses no sequences.

KNTA_LOCKED_USERS_TEMP

This temporary table stores information about locked users.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	USER_ID

Column Descriptions

Column Name	Null?	Data Type	Description
CREATED_BY	NOT NULL	NUMBER	Resource identifier of the user who initiated the particular user lock
CREATED_ON	NOT NULL	DATE	Date the user lock was created
USER_ID	NOT NULL	NUMBER	Resource identifier of the user who is locked

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_LOCKED_USERS_TEMP_U1	UNIQUE	1	CREATED_BY
KNTA_LOCKED_USERS_TEMP_U2	UNIQUE	1	USER_ID

Sequences

This table uses no sequences.

KNTA_LOGON_ATTEMPTS

This table stores all of the attempts to log on to the server, both successful and failed. If there was a failure, the failure message name is stored as well.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	USER_ID

Column Descriptions

Column Name	Null?	Data Type	Description
LOGON_ ATTEMPT_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
USER_ID	NULLABLE	NUMBER	Identifier for the user who tried to connect
USERNAME	NOT NULL	VARCHAR2(200)	Username of the user who tried to connect
CLIENT_ ADDRESS	NOT NULL	VARCHAR2(30)	IP address the client attempted to connect from
SUCCESS_FLAG	NOT NULL	VARCHAR2(1)	Whether or not the logon was completed successfully
FAILURE_ MESSAGE_NAME	NULLABLE	VARCHAR2(30)	Reason for failure if the attempt failed

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_LOGON_ ATTEMPTS_N1	NONUNIQUE	1	USERNAME
KNTA_LOGON_ ATTEMPTS_U1	UNIQUE	1	LOGON_ ATTEMPT_ID
KNTA_LOGON_ ATTEMPTS_U2	UNIQUE	1	USER_ID
KNTA_LOGON_ ATTEMPTS_U2	UNIQUE	2	CREATION_DATE
KNTA_LOGON_ ATTEMPTS_U2	UNIQUE	3	LOGON_ ATTEMPT_ID

Sequences

Sequence Name	Sequence Type
KNTA_LOGON_ ATTEMPTS_S	LOGON_ ATTEMPT_ID

KNTA_LOOKUPS

This table stores all of the static values used in validations for PPM Center products. Each row includes a code and a meaning for that code. PPM Center products track lookups by their code internally, and uses the meaning to display a meaningful message to the user.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	USER_DATA_SET_CONTEXT_ID

Column Descriptions

Column Name	Null?	Data Type	Description
LOOKUP_TYPE	NOT NULL	VARCHAR2(150)	System-generated identifier
LOOKUP_CODE	NOT NULL	VARCHAR2(40)	
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
SEQ	NOT NULL	NUMBER	
MEANING	NOT NULL	VARCHAR2(150)	
DESCRIPTION	NULLABLE	VARCHAR2(400)	
DEFAULT_FLAG	NOT NULL	VARCHAR2(1)	
USER_MAINTAINABLE_FLAG	NOT NULL	VARCHAR2(1)	

Column Name	Null?	Data Type	Description
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(30)	
SOURCE	NULLABLE	VARCHAR2(100)	
USER_DATA_SET_CONTEXT_ID	NULLABLE	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1-20	NULLABLE	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA1-20	NULLABLE	VARCHAR2(200)	User data segment
DEFINITION_LANGUAGE	NOT NULL	VARCHAR2(40)	
REFERENCE_CODE	NOT NULL	VARCHAR2(200)	

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_LOOKUPS_U1	UNIQUE	1	LOOKUP_TYPE
KNTA_LOOKUPS_U1	UNIQUE	2	LOOKUP_CODE
SYS_C00108369140	UNIQUE	1	REFERENCE_CODE

Sequences

This table uses no sequences.

KNTA_MESSAGE_TYPES

This table stores messages in logical groups.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
MESSAGE_TYPE_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
MESSAGE_TYPE_ NAME	NOT NULL	VARCHAR2(80)	
DEFINITION_ LANGUAGE	NOT NULL	VARCHAR2(40)	
REFERENCE_CODE	NOT NULL	VARCHAR2(200)	

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_MESSAGE_ TYPES_U1	UNIQUE	1	MESSAGE_TYPE_ID
SYS_C005198260	UNIQUE	1	REFERENCE_CODE

Sequences

This table uses no sequences.

KNTA_MESSAGES

This table stores all of the error, warning and informational messages that PPM Center displays.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_MESSAGE_ TYPES_NLS	MESSAGE_TYPE_ID	MESSAGE_TYPE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
MESSAGE_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
MESSAGE_NAME	NOT NULL	VARCHAR2(80)	
MESSAGE_TYPE_ID	NOT NULL	NUMBER	
PRODUCT_CODE	NOT NULL	VARCHAR2(30)	
LANGUAGE_CODE	NOT NULL	VARCHAR2(30)	
DYNAMIC_FLAG	NOT NULL	VARCHAR2(1)	
DISPLAY_TEXT	NULLABLE	VARCHAR2(2000)	
ERROR_CAUSE	NULLABLE	VARCHAR2(2000)	

Column Name	Null?	Data Type	Description
SOLUTION	NULLABLE	VARCHAR2(2000)	
DEFINITION_ LANGUAGE	NOT NULL	VARCHAR2(40)	
REFERENCE_CODE	NOT NULL	VARCHAR2(200)	

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_MESSAGES_N1	NONUNIQUE	1	PRODUCT_CODE
KNTA_MESSAGES_N1	NONUNIQUE	2	MESSAGE_ID
KNTA_MESSAGES_U1	UNIQUE	1	MESSAGE_ID
KNTA_MESSAGES_U1	UNIQUE	2	LANGUAGE_CODE
KNTA_MESSAGES_U2	UNIQUE	1	MESSAGE_NAME
KNTA_MESSAGES_U2	UNIQUE	2	LANGUAGE_CODE
SYS_C00109352410	UNIQUE	1	REFERENCE_ CODE
SYS_C00109356025	UNIQUE	1	MESSAGE_ID

Sequences

This table uses no sequences.

KNTA_NOTE_ENTRIES

This table stores the notes for all entities.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	AUTHOR_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_ENTITIES_NLS	ENTITY_ID	PARENT_ENTITY_ID

Column Descriptions

Column Name	Null?	Data Type	Description
NOTE_ENTRY_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
PARENT_ ENTITY_ID	NOT NULL	NUMBER	Identifier for the parent entity type of the note
PARENT_ ENTITY_ PRIMARY_KEY	NOT NULL	NUMBER	Primary key value of the parent of the note
AUTHOR_ID	NOT NULL	NUMBER	Usually this value will be the same as CREATED_ BY, but for data that is copied, the ID of the user who originally wrote the note

Column Name	Null?	Data Type	Description
AUTHORED_ DATE	NOT NULL	DATE	Usually this value will be the same as CREATION_DATE, but for data that is copied, the original date of the note
NOTE_ CONTEXT_ VALUE	NULLABLE	VARCHAR2(30)	Only applicable for request notes, stores the request status ID
NOTE_ CONTEXT_ VISIBLE_VALUE	NULLABLE	VARCHAR2(80)	Only applicable for request notes, stores the request status name
NOTE	NULLABLE	CLOB	Text of the note
TRANSACTION_ NOTE_FLAG	NULLABLE	VARCHAR2(1)	

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_NOTE_ ENTRIES_N1	NONUNIQUE	1	PARENT_ENTITY_ PRIMARY_KEY
KNTA_NOTE_ ENTRIES_N1	NONUNIQUE	2	PARENT_ENTITY_ID
KNTA_NOTE_ ENTRIES_U1	UNIQUE	1	NOTE_ENTRY_ID

Sequences

Sequence Name	Sequence Type
KNTA_NOTE_ENTRIES_S	NOTE_ENTRY_ID

KNTA_NOTIF_INTERVALS

This table stores definitions of intervals for email notifications.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	CREATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
INTERVAL_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
ENTITY_LAST_ UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
INTERVAL_NAME	NOT NULL	VARCHAR2(30)	
DESCRIPTION	NULLABLE	VARCHAR2(240)	
INTERVAL_ TYPE_CODE	NOT NULL	VARCHAR2(30)	
START_TIME	NOT NULL	DATE	
END_TIME	NOT NULL	DATE	
TIME_INTERVAL	NOT NULL	NUMBER	
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	
NEXT_SEND_ TIME	NOT NULL	DATE	
SUNDAY_FLAG	NOT NULL	VARCHAR2(1)	
MONDAY_FLAG	NOT NULL	VARCHAR2(1)	

Column Name	Null?	Data Type	Description
TUESDAY_FLAG	NOT NULL	VARCHAR2(1)	
WEDNESDAY_ FLAG	NOT NULL	VARCHAR2(1)	
THURSDAY_ FLAG	NOT NULL	VARCHAR2(1)	
FRIDAY_FLAG	NOT NULL	VARCHAR2(1)	
SATURDAY_ FLAG	NOT NULL	VARCHAR2(1)	
SOURCE_TYPE_ CODE	NULLABLE	VARCHAR2(30)	
SOURCE	NULLABLE	VARCHAR2(100)	
DEFINITION_ LANGUAGE	NOT NULL	VARCHAR2(40)	
REFERENCE_ CODE	NOT NULL	VARCHAR2(200)	

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_NOTIFICATION_ INTERVALS_U1	UNIQUE	1	INTERVAL_ID
KNTA_NOTIFICATION_ INTERVALS_U2	UNIQUE	1	INTERVAL_NAME
SYS_C00109352509	UNIQUE	1	REFERENCE_ CODE

Sequences

This table uses no sequences.

KNTA_NOTIF_TXN_COLUMNS

This table stores a row for each column that was specified in KTNA_ NOTIFCATION_COLUMNS for the notification. The tokens for the columns have been replaced with text to be sent in the email.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_NOTIF_ TXN_DETAILS	NOTIF_TXN_DETAIL_ID	NOTIF_TXN_DETAIL_ID

Column Descriptions

Column Name	Null?	Data Type	Description
NOTIF_TXN_ COLUMN_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
NOTIF_TXN_ DETAIL_ID	NOT NULL	NUMBER	Foreign Key to KNTA_ NOTIF_TXN_DETAILS table
COLUMN_ SEQUENCE	NOT NULL	NUMBER	Order in which the column is shown in the email
COLUMN_TEXT	NULLABLE	VARCHAR2(200)	Text that replaced the token
DEFAULT_ COLUMN_SIZE	NULLABLE	NUMBER	Default column size from KNTA_ENTITY_TOKENS

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_NOTIF_TXN_COLUMNS_N1	NONUNIQUE	1	NOTIF_TXN_DETAIL_ID
KNTA_NOTIF_TXN_COLUMNS_U1	UNIQUE	1	NOTIF_TXN_COLUMN_ID

Sequences

Sequence Name	Sequence Type
KNTA_NOTIF_TXN_COLUMNS_S	NOTIF_TXN_COLUMN_ID

KNTA_NOTIF_TXN_DETAILS

This table stores one row for each request or report submission in the KNTA_NOTIF_TXN_PARENTS table, or one line for each package line that has caused a notification for a package in the KNTA_NOTIF_TXN_PARENTS table. Each detail has one or more recipients.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KDLV_PACKAGE_LINES	PACKAGE_LINE_ID	DETAIL_KEY_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_NOTIF_TXN_PARENTS	NOTIF_TXN_PARENT_ID	NOTIF_TXN_PARENT_ID
KNTA_REPORT_SUBMISSIONS	REPORT_SUBMISSION_ID	SOURCE_KEY_ID
KWFL_STEP_TRANSACTIONS	STEP_TRANSACTION_ID	SOURCE_KEY_ID

Column Descriptions

Column Name	Null?	Data Type	Description
NOTIF_TXN_DETAIL_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
NOTIF_TXN_PARENT_ID	NOT NULL	NUMBER	Foreign Key to KNTA_NOTIF_TXN_PARENTS

Column Name	Null?	Data Type	Description
DETAIL_KEY_ID	NOT NULL	NUMBER	Foreign Key to the KDLV_ PACKAGE_LINES table if notification is for a package. Otherwise value is -1.
SOURCE_KEY_ID	NULLABLE	NUMBER	Foreign key to the table that triggered the event
REMINDER_ DATE	NULLABLE	DATE	Date that the reminder should be sent

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_NOTIF_TXN_ DETAILS_N1	NONUNIQUE	1	NOTIF_TXN_PARENT_ID
KNTA_NOTIF_TXN_ DETAILS_N2	NONUNIQUE	1	REMINDER_DATE
KNTA_NOTIF_TXN_ DETAILS_U1	UNIQUE	1	NOTIF_TXN_DETAIL_ID

Sequences

Sequence Name	Sequence Type
KNTA_NOTIF_TXN_ DETAILS_S	NOTIF_TXN_DETAIL_ID

KNTA_NOTIF_TXN_PARENTS

This table stores a list of all the packages, Issues, or Report Submissions that have notifications to be sent. This table is examined every 20 seconds. If the sent_flag is set to false and it is time to send the notification (according to the interval referenced by the interval_id) a notification will be sent.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_NOTIF_INTERVALS_NLS	INTERVAL_ID	INTERVAL_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_NOTIFICATIONS_NLS	NOTIFICATION_ID	NOTIFICATION_ID
KCRT_REQUESTS	REQUEST_ID	PARENT_KEY_ID
KNTA_REPORT_SUBMISSIONS	REPORT_ SUBMISSION_ID	PARENT_KEY_ID
KDLV_PACKAGES	PACKAGE_ID	PARENT_KEY_ID

Column Descriptions

Column Name	Null?	Data Type	Description
NOTIF_TXN_ PARENT_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
NOTIFICATION_ ID	NOT NULL	NUMBER	Foreign Key to the notification table.
PARENT_KEY_ID	NOT NULL	NUMBER	Foreign Key to the KDLV_ PACKAGES, KCRT_ REQUESTS, or KTNA_ REPORT_SUBMISSIONS table.

Column Name	Null?	Data Type	Description
FROM_EMAIL_ ADDRESS	NULLABLE	VARCHAR2(80)	Value of the From header field of an Email
SUBJECT	NULLABLE	VARCHAR2(240)	Subject of the e-mail from KNTA_NOTIFICATIONS
REPLY_TO_ EMAIL_ADDRESS	NULLABLE	VARCHAR2(80)	Value of the Reply To header field of an email
CONTENT_ TYPE_CODE	NULLABLE	VARCHAR2(30)	Code indicating the format of the Email
PARENT_TEXT	NOT NULL	CLOB	Text of the e-mail with tokens resolved
INTERVAL_ID	NOT NULL	NUMBER	Foreign Key to the interval defined for the notification
NOTIFICATION_ SENT_FLAG	NOT NULL	VARCHAR2(1)	Flag set to true if the notification has been sent
REMINDER_ FLAG	NOT NULL	VARCHAR2(1)	Flag set to true if a reminder should be sent
NOTIFICATION_ FORMAT_CODE	NOT NULL	VARCHAR2(50)	Indicates the format of notification output: HTML or plain text

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_NOTIF_TXN_ PARENTS_N1	NONUNIQUE	1	PARENT_KEY_ID
KNTA_NOTIF_TXN_ PARENTS_N2	NONUNIQUE	1	NOTIFICATION_ID
KNTA_NOTIF_TXN_ PARENTS_U1	NONUNIQUE	1	NOTIF_TXN_PARENT_ID

Sequences

Sequence Name	Sequence Type
KNTA_NOTIF_TXN_ PARENTS_S	NOTIF_TXN_PARENT_ID

KNTA_NOTIF_TXN_RECIPIENTS

This table stores a list of recipients for each detail. The email addresses have been resolved from tokens, user names, or security groups.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_NOTIF_TXN_ DETAILS	NOTIF_TXN_DETAIL_ID	NOTIF_TXN_DETAIL_ID

Column Descriptions

Column Name	Null?	Data Type	Description
NOTIF_TXN_ RECIPIENT_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
NOTIF_TXN_DETAIL_ ID	NOT NULL	NUMBER	Foreign Key to the KNTA_NOTIF_TXN_ DETAILS table
EMAIL_ADDRESS	NOT NULL	VARCHAR2(80)	Email address of the recipient
DISTRIBUTION_TYPE_ CODE	NOT NULL	VARCHAR2(30)	Email distribution type such as To, Cc, Bcc

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_NOTIF_TXN_ RECIPIENTS_N1	NONUNIQUE	1	NOTIF_TXN_ DETAIL_ID
KNTA_NOTIF_TXN_ RECIPIENTS_U1	UNIQUE	1	NOTIF_TXN_ RECIPIENT_ID

Sequences

Sequence Name	Sequence Type
KNTA_NOTIF_TXN_ RECIPIENTS_S	NOTIF_TXN_ RECIPIENT_ID

KNTA_NOTIF_TYPE_MESSAGES

This table stores templates for email messages.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_NOTIFICATION_ COLUMNS	NOTIFICATION_ COLUMN_ID	NOTIFICATION_ COLUMN_ID
KNTA_NOTIFICATION_ TYPES	NOTIFICATION_TYPE_ ID	NOTIFICATION_TYPE_ ID

Column Descriptions

Column Name	Null?	Data Type	Description
NOTIF_TYPE_ MESSAGE_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
ENTITY_LAST_ UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
MESSAGE_NAME	NOT NULL	VARCHAR2(80)	name of the message
NOTIFICATION_ TYPE_ID	NOT NULL	NUMBER	Foreign Key to KNTA_ NOTIFICATION_TYPES table.
FROM_ RECIPIENT_ TYPE_CODE	NULLABLE	VARCHAR2(30)	Code indicating the type of recipient it is, such as username, email address, and so on, for the Email's From field

Column Name	Null?	Data Type	Description
FROM_TOKEN_ TYPE_CODE	NULLABLE	VARCHAR2(30)	Specifies whether it is a standard token or a user-defined token
FROM_ADDRESS	NULLABLE	VARCHAR2(80)	Value of the From header field in the email.
SUBJECT	NULLABLE	VARCHAR2(240)	Default subject for the email message
REPLY_TO_ RECIPIENT_ TYPE_CODE	NULLABLE	VARCHAR2(30)	Code indicating the type of recipient it is, such as username, email address, and so on for the Email's Reply To field
REPLY_TO_ TOKEN_TYPE_ CODE	NULLABLE	VARCHAR2(30)	Specifies whether it is a standard token or a user defined token
REPLY_TO_ ADDRESS	NULLABLE	VARCHAR2(80)	Value of the Reply To header field in the email.
CONTENT_ TYPE_CODE	NULLABLE	VARCHAR2(30)	Code specifying the format of the email (HTML, TXT, and so on)
PARENT_TEXT	NOT NULL	CLOB	Text of the parent part of the email message, before tokens are replaced
NOTIFICATION_ COLUMN_ID	NULLABLE	NUMBER	Foreign Key to KNTA_ NOTIFICATION_ COLUMNS. These are the default columns for the message.
DEFAULT_FLAG	NOT NULL	VARCHAR2(1)	Determines whether this message is the default message for the notification type
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Determines whether this message can be used in a notification
NOTIFICATION_ FORMAT_CODE	NOT NULL	VARCHAR2(50)	Indicates the format of notification output: HTML or plain text

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_NOTIF_TYPE_ MESSAGES_N1	NONUNIQUE	1	NOTIFICATION_ TYPE_ID
KNTA_NOTIF_TYPE_ MESSAGES_U1	NONUNIQUE	1	NOTIF_TYPE_ MESSAGE_ID

Sequences

Sequence Name	Sequence Type
KNTA_NOTIF_TYPE_ MESSAGES_S	NOTIF_TYPE_ MESSAGE_ID

KNTA_NOTIFICATION_COLUMNS

This table stores the default linked tokens for a notification type message, and the linked tokens for specific notifications.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_ENTITY_ TOKENS_NLS	ENTITY_TOKEN_ID	ENTITY_TOKEN_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_PARAM_SET_ FIELDS_NLS	PARAMETER_SET_ FIELD_ID	PARAMETER_SET_FIELD_ ID

Column Descriptions

Column Name	Null?	Data Type	Description
NOTIFICATION_ COLUMN_ID	NOT NULL	NUMBER	System-generated identifier
COLUMN_ SEQUENCE	NOT NULL	NUMBER	Used to order the columns for a notification
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
COLUMN_TOKEN	NOT NULL	VARCHAR2(80)	Token with brackets that needs to be substituted with a real value.
ENTITY_TOKEN_ID	NULLABLE	NUMBER	Foreign key to KNTA_ ENTITY_TOKENS

Column Name	Null?	Data Type	Description
PARAMETER_SET_FIELD_ID	NULLABLE	NUMBER	Foreign key to knta_parameter_set_fields
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, and so on)
SOURCE	NULLABLE	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_NOTIFICATION_COLUMNS_U1	UNIQUE	1	NOTIFICATION_COLUMN_ID
KNTA_NOTIFICATION_COLUMNS_U1	UNIQUE	2	COLUMN_SEQUENCE

Sequences

Sequence Name	Sequence Type
KNTA_NOTIFICATION_COLUMNS_S	NOTIFICATION_COLUMN_ID

KNTA_NOTIFICATION_RECIPIENTS

This table stores the email address of each recipient who is to receive the notification. Each notification can have many recipients.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	CREATED_BY
KNTA_ NOTIFICATIONS_NLS	NOTIFICATION_ID	NOTIFICATION_ID
KNTA_SECURITY_ GROUPS_NLS	SECURITY_GROUP_ID	SECURITY_GROUP_ID
KNTA_USERS	USER_ID	USER_ID

Column Descriptions

Column Name	Null?	Data Type	Description
NOTIFICATION_ RECIPIENT_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
NOTIFICATION_ ID	NOT NULL	NUMBER	Foreign key to notification the recipients are associated with
DISTRIBUTION_ TYPE_CODE	NOT NULL	VARCHAR2(30)	Email distribution type such as To, Cc, Bcc.
USER_ID	NULLABLE	NUMBER	User ID of user receiving the notification
SECURITY_ GROUP_ID	NULLABLE	NUMBER	Security group ID of security group receiving the notification

Column Name	Null?	Data Type	Description
EMAIL_ADDRESS	NULLABLE	VARCHAR2(80)	Email address of the recipient receiving the notification
TOKEN_TYPE_ CODE	NULLABLE	VARCHAR2(30)	Standard token or user defined token
TOKEN	NULLABLE	VARCHAR2(80)	Contains the user or email address of recipient.
RECIPIENT_ TYPE_CODE	NULLABLE	VARCHAR2(30)	Code of the type of TOKEN, either EMAIL_ADDRESS or USER
SOURCE_TYPE_ CODE	NULLABLE	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, and so on)
SOURCE	NULLABLE	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_NOTIFICATION_ RECIPIENT_N1	NONUNIQUE	1	NOTIFICATION_ ID
KNTA_NOTIFICATION_ RECIPIENT_U1	UNIQUE	1	NOTIFICATION_ RECIPIENT_ID

Sequences

Sequence Name	Sequence Type
KNTA_NOTIFICATION_ RECIPIENTS_S	NOTIFICATION_ RECIPIENT_ID

KNTA_NOTIFICATION_TYPES

This table stores the definition for each type of notification provided in PPM Center. The table stores default values as well as corresponding lookup values used in PPM Center to build the user defined notifications.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_ENTITY_GROUPS_NLS	ENTITY_GROUP_ID	DETAIL_ENTITY_GROUP_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_ENTITY_GROUPS_NLS	ENTITY_GROUP_ID	PARENT_ENTITY_GROUP_ID

Column Descriptions

Column Name	Null?	Data Type	Description
NOTIFICATION_TYPE_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
NOTIFICATION_TYPE_NAME	NOT NULL	VARCHAR2(80)	Name of notification type
DESCRIPTION	NULLABLE	VARCHAR2(240)	Description of notification type
TABLE_NAME	NOT NULL	VARCHAR2(30)	Table that will trigger the notification to be sent. Will be either KWFL_STEP_TRANSACTIONS or KNTA_REPORT_SUBMISSIONS

Column Name	Null?	Data Type	Description
CONDITION_ COLUMN	NOT NULL	VARCHAR2(30)	Name of the column in the TABLE_NAME that could trigger a notification
CONDITION_SQL	NULLABLE	VARCHAR2(2000)	SQL run whose result is put in condition_value in KNTA_NOTIFICATIONS_ TEMP
EVENT_COLUMN	NULLABLE	VARCHAR2(30)	A secondary column in the TABLE_NAME to further define a notification - this is the code for the status of the WF step or report submission.
VISIBLE_EVENT_ COLUMN	NULLABLE	VARCHAR2(30)	Name of the column in TABLE_NAME with the visible value of the event
PARENT_GROUP_ COLUMN	NULLABLE	VARCHAR2(30)	Name of the column in TABLE_NAME that is the ID of the entity to which the TABLE_NAME belongs
DETAIL_GROUP_ COLUMN	NULLABLE	VARCHAR2(30)	Name of the column in TABLE_NAME (KWFL_ TRANSACTION_STEPS) that is the ID of the detail entity using the workflow.
ON_INSERT_FLAG	NOT NULL	VARCHAR2(1)	Determines whether an insert in TABLE_NAME will trigger a notification
ON_UPDATE_FLAG	NOT NULL	VARCHAR2(1)	Determines whether an update to TABLE_NAME will trigger a notification
ON_DELETE_FLAG	NOT NULL	VARCHAR2(1)	Determines whether a delete to TABLE_NAME will trigger a notification

Column Name	Null?	Data Type	Description
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Determine if this notification type may be used to define notifications
PARENT_ENTITY_GROUP_ID	NULLABLE	NUMBER	Entity group identifier for the header message
DETAIL_ENTITY_GROUP_ID	NULLABLE	NUMBER	Entity group identifier for the detail message

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_NOTIFICATION_TYPES_U1	UNIQUE	1	NOTIFICATION_TYPE_ID

Sequences

Sequence Name	Sequence Type
KNTA_NOTIFICATION_TYPES_S	NOTIFICATION_TYPE_ID

KNTA_NOTIFICATIONS

This table stores the definition of each notification created by the user. These notifications are used as a template to create the actual email notifications that are triggered by events in PPM Center. For example, the Workflow Step Notification is triggered to create an email by a change in the workflow step and status for a package line. For DM and DpM notification types, the CONDITION_VALUE maps to the workflow_step and the EVENT_VALUE maps to the status.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_NOTIF_ INTERVALS_NLS	INTERVAL_ID	INTERVAL_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_NOTIFICATION_ COLUMNS	NOTIFICATION_ COLUMN_ID	NOTIFICATION_ COLUMN_ID
KNTA_NOTIFICATIONS_ NLS	NOTIFICATION_ID	NOTIFICATION_SET_ID
KNTA_NOTIFICATION_ TYPES	NOTIFICATION_TYPE_ID	NOTIFICATION_TYPE_ID
KNTA_NOTIF_TYPE_ MESSAGES	NOTIF_TYPE_ MESSAGE_ID	NOTIF_TYPE_ MESSAGE_ID
KRML_PARAMETER_ SET_FLDS_COPY	PARAMETER_SET_ FIELD_ID	PARAMETER_SET_ FIELD_ID
KNTA_PARAM_SET_ FIELDS_NLS	PARAMETER_SET_ FIELD_ID	PARAMETER_SET_ FIELD_ID

Column Descriptions

Column Name	Null?	Data Type	Description
NOTIFICATION_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
ENTITY_LAST_UPDATE_ DATE	NOT NULL	DATE	Date a record in the entity was last updated
DESCRIPTION	NULLABLE	VARCHAR2(240)	
NOTIFICATION_TYPE_ID	NOT NULL	NUMBER	
CONDITION_VALUE	NULLABLE	VARCHAR2(80)	
EVENT_VALUE	NULLABLE	VARCHAR2(80)	
VISIBLE_EVENT_VALUE	NULLABLE	VARCHAR2(80)	
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	
INTERVAL_ID	NOT NULL	NUMBER	
NOTIF_TYPE_MESSAGE_ID	NULLABLE	NUMBER	
FROM_RECIPIENT_TYPE_ CODE	NULLABLE	VARCHAR2(30)	
FROM_TOKEN_TYPE_ CODE	NULLABLE	VARCHAR2(30)	
FROM_ADDRESS	NULLABLE	VARCHAR2(80)	
SUBJECT	NULLABLE	VARCHAR2(240)	
REPLY_TO_RECIPIENT_ TYPE_CODE	NULLABLE	VARCHAR2(30)	
REPLY_TO_TOKEN_TYPE_ CODE	NULLABLE	VARCHAR2(30)	
REPLY_TO_ADDRESS	NULLABLE	VARCHAR2(80)	

Column Name	Null?	Data Type	Description
CONTENT_TYPE_CODE	NULLABLE	VARCHAR2(30)	
PARENT_TEXT	NOT NULL	CLOB	
NOTIFICATION_COLUMN_ID	NULLABLE	NUMBER	
DELETE_FLAG	NOT NULL	VARCHAR2(1)	
REMINDER_DAYS	NULLABLE	NUMBER	
NOTIFICATION_SET_ID	NULLABLE	NUMBER	
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(30)	
SOURCE	NULLABLE	VARCHAR2(100)	
NOTIFICATION_FORMAT_ CODE	NOT NULL	VARCHAR2(50)	
PARAMETER_SET_FIELD_ ID	NULLABLE	NUMBER	
SEND_ON_SUBMIT_FLAG	NOT NULL	VARCHAR2(1)	
MINUTE_OFFSET	NULLABLE	NUMBER	
DEFINITION_LANGUAGE	NOT NULL	VARCHAR2(40)	
REFERENCE_CODE	NOT NULL	VARCHAR2(200)	
ENABLE_EMAIL_ APPROVALS	NOT NULL	VARCHAR2(1)	

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_NOTIFICATIONS_N1	NONUNIQUE	1	NOTIFICATION_TYPE_ ID
KNTA_NOTIFICATIONS_N2	NONUNIQUE	1	CONDITION_VALUE
KNTA_NOTIFICATIONS_N3	NONUNIQUE	1	NOTIFICATION_SET_ID
KNTA_NOTIFICATIONS_U1	UNIQUE	1	NOTIFICATION_ID
SYS_C00109352451	UNIQUE	1	REFERENCE_CODE

Sequences

This table uses no sequences.

KNTA_NOTIFICATIONS_TEMP

This table stores information about email notifications that are triggered by database events.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_NOTIFICATION_TYPES	NOTIFICATION_TYPE_ID	NOTIFICATION_TYPE_ID
KNTA_REPORT_SUBMISSIONS	REPORT_SUBMISSION_ID	SOURCE_KEY_ID
KCRT_REQUEST_DETAILS	REQUEST_ID	DETAIL_GROUP_ID
KDLV_PACKAGE_LINES	PACKAGE_LINE_ID	DETAIL_GROUP_ID
KNTA_REPORT_SUBMISSIONS	REPORT_SUBMISSION_ID	PARENT_GROUP_ID
KCRT_REQUESTS	REQUEST_ID	PARENT_GROUP_ID
KDLV_PACKAGES	PACKAGE_ID	PARENT_GROUP_ID
KWFL_STEP_TRANSACTIONS	STEP_TRANSACTION_ID	SOURCE_KEY_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
NOTIFICATION_TEMP_ID	NOT NULL	NUMBER	System-generated identifier
SESSION_ID	NOT NULL	NUMBER	database session ID
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
NOTIFICATION_TYPE_ID	NOT NULL	NUMBER	Foreign key to the notification type
CONDITION_VALUE	NULLABLE	VARCHAR2(80)	Value that the condition SQL evaluates to or the value in the condition_column

Column Name	Null?	Data Type	Description
CONDITION_ SQL_EXISTS_ FLAG	NOT NULL	VARCHAR2(1)	Flag that determines if there is SQL code in the CONDITION_SQL column in KNTA_NOTIFICATIONS_ TYPES
EVENT_COLUMN	NULLABLE	VARCHAR2(30)	EVENT_COLUMN in the TABLE_NAME specified in KNTA_NOTIFICATION_ TYPES
OLD_EVENT_ VALUE	NULLABLE	VARCHAR2(200)	Value in the column (specified in EVENT_ COLUMN) before it changed.
NEW_EVENT_ VALUE	NULLABLE	VARCHAR2(200)	Value in the column (specified in EVENT_ COLUMN) after it changed
VISIBLE_EVENT_ COLUMN	NULLABLE	VARCHAR2(30)	VISIBLE_EVENT_COLUMN in the TABLE_NAME specified in KNTA_ NOTIFICATION_TYPES
OLD_VISIBLE_ EVENT_VALUE	NULLABLE	VARCHAR2(200)	Visible value of the old event value
NEW_VISIBLE_ EVENT_VALUE	NULLABLE	VARCHAR2(200)	Visible value of the new event value
PARENT_ GROUP_ID	NULLABLE	NUMBER	FK to the parent table. The parent table is LCRT_ ISSUES, KDLV_REQUESTS or KNTA_REPORT_ SUBMISSIONS
DETAIL_GROUP_ ID	NULLABLE	NUMBER	FK to the detail table. The detail table is KDLV_ REQUEST_LINES or KCRT_ ISSUES_DETAILS
SOURCE_KEY_ID	NULLABLE	NUMBER	Primary key of the row of the table that triggered the event.

Column Name	Null?	Data Type	Description
PARAMETER_ SET_FIELD_ID	NULLABLE	NUMBER	Identifier of the field in the header type that the notification is tied to
SUBMISSION_ NOTIF_FLAG	NOT NULL	VARCHAR2(1)	Flag to determine whether to send the notification on submit
CONTEXT1-40	NULLABLE	VARCHAR2(300)	For the token evaluation engine. Contains the primary key of a table (see KNTA_ TOKEN). The reference to this table is used to resolve all the tokens from this context.

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_NOTIFICATIONS_ TEMP_N1	NONUNIQUE	1	NOTIFICATION_ TYPE_ID
KNTA_NOTIFICATIONS_ TEMP_N2	NONUNIQUE	1	SESSION_ID
KNTA_NOTIFICATIONS_ TEMP_U1	UNIQUE	1	NOTIFICATION_ TEMP_ID

Sequences

Sequence Name	Sequence Type
KNTA_NOTIFICATIONS_ TEMP_S	NOTIFICATION_TEMP_ID

KNTA_OPENAPI_TXN_AUDIT

This table stores web service calls made through the ITG 6.0 web services. The information in this table is sent by the web- service client along with every web service request. It is not used by the newer web services released in PPM 7.1.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
OPENAPI_TXN_AUDIT_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
CALLER_NAME	NOT NULL	VARCHAR2(50)	Name of the client machine that initiated the web service call
TRANASCTION_NAME	NOT NULL	VARCHAR2(50)	A transaction name provided by the client machine. This is usually a globally unique sting used for tracking purposes.

Column Name	Null?	Data Type	Description
AUDIT_NOTE	NULLABLE	VARCHAR2(1000)	A note for the web service call
OPERATION_ NAME	NOT NULL	VARCHAR2(25)	Name of the web service operation that was invoked by the client
WS_VERSION	NULLABLE	VARCHAR2(50)	Version of the web service operation that was invoked by the client

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_OPENAPI_ TXN_AUDIT_U1	UNIQUE	1	OPENAPI_TXN_AUDIT_ID
KNTA_OPENAPI_ TXN_AUDIT_U2	UNIQUE	1	CALLER_NAME
KNTA_OPENAPI_ TXN_AUDIT_U2	UNIQUE	2	TRANASCTION_NAME

Sequences

Sequence Name	Sequence Type
KNTA_OPENAPI_TXN_ AUDIT_S	OPENAPI_TXN_AUDIT_ID

KNTA_PAGE_PORTLET_TYPES

This is a cross table between the KNTA_PAGES and KNTA_PORTLET_TYPES tables. A row is stored in this table for each page and each portlet type it hosts.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_PAGES_NLS	PAGE_ID	PAGE_ID
KNTA_PORTLET_TYPES	PORTLET_TYPE_ID	PORTLET_TYPE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
PAGE_PORTLET_TYPE_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
PAGE_ID	NOT NULL	NUMBER	Page that hosts this portlet type

Column Name	Null?	Data Type	Description
PORTLET_TYPE_ ID	NOT NULL	NUMBER	Portlet type that appear on this page
SOURCE_TYPE_ CODE	NULLABLE	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, and so on)
SOURCE	NULLABLE	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.

Indexes

This table uses no indexes.

Sequences

Sequence Name	Sequence Type
KNTA_PAGE_ PORTLET_TYPES_S	PAGE_PORTLET_ TYPE_ID

KNTA_PAGES

This table stores a row for each PPM Center web page with regular portlets. The maximized page of a regular portlet does not need a row in this table. This table has been deprecated in favor of the new DSH tables for the dashboard but is here to preserve data on an upgrade.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
PAGE_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
PAGE_NAME	NOT NULL	VARCHAR2(80)	
DESCRIPTION	NULLABLE	VARCHAR2(240)	
TITLE	NOT NULL	VARCHAR2(80)	
DEFINITION_ LANGUAGE	NOT NULL	VARCHAR2(40)	
REFERENCE_ CODE	NOT NULL	VARCHAR2(200)	

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_PAGES_N1	NONUNIQUE	1	PAGE_NAME
KNTA_PAGES_U1	UNIQUE	1	PAGE_ID
SYS_C00109352576	UNIQUE	1	REFERENCE_ CODE

Sequences

This table uses no sequences.

KNTA_PARAM_RULE_DEPENDENCIES

This table stores information that describes the dependent fields for auto population rules.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_PARAM_SET_ FIELDS_NLS	PARAMETER_SET_ FIELD_ID	PARAMETER_SET_ FIELD_ID
KNTA_PARAM_RULES	PARAM_RULE_ID	PARAM_RULE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
PARAM_RULE_ DEPENDENCY_ ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
ENTITY_LAST_ UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
PARAM_RULE_ID	NOT NULL	NUMBER	Rule that this field is dependent for
PARAMETER_ SET_FIELD_ID	NOT NULL	NUMBER	Field ID
VISIBLE_ PARAMETER	NULLABLE	VARCHAR2(1800)	Visible value which will cause this dependency to succeed
PARAMETER	NULLABLE	VARCHAR2(1800)	Hidden value which will cause this dependency to succeed

Column Name	Null?	Data Type	Description
ALL_VALUES_ FLAG	NOT NULL	VARCHAR2(1)	Y = Any value in this field causes this dependency to succeed. N = Use VISIBLE_ PARAMETER and PARAMTER to see if this dependency succeeds.
SOURCE_TYPE_ CODE	NULLABLE	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, and so on)
SOURCE	NULLABLE	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update
CONDITION_ CODE	NULLABLE	VARCHAR2(200)	Comparison codes for rules other than simple equality.
COMPARE_ CODE	NULLABLE	VARCHAR2(20)	For the token evaluation engine. Contains the primary key of a table (see KNTA_ TOKEN). The reference to this table is used to resolve all the tokens from this context after update
CONDITION_ MEANING	NULLABLE	VARCHAR2(200)	For the token evaluation engine. Contains the primary key of a table (see KNTA_ TOKEN). The reference to this table is used to resolve all the tokens from this context after update
COMPARED_ PARAM_SET_ FIELD_ID	NULLABLE	NUMBER	For the token evaluation engine. Contains the primary key of a table (see KNTA_ TOKEN). The reference to this table is used to resolve all the tokens from this context after update

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_PARAM_RULE_DPNDNCS_N1	NONUNIQUE	1	PARAM_RULE_ID
KNTA_PARAM_RULE_DPNDNCS_U1	UNIQUE	1	PARAM_RULE_DEPENDENCY_ID

Sequences

Sequence Name	Sequence Type
KNTA_PARAM_RULE_DEPENDENCIES_S	PARAM_RULE_DEPENDENCY_ID

KNTA_PARAM_RULE_RESULTS

This table stores information that describes the result fields for auto population rules.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_PARAM_SET_FIELDS_NLS	PARAMETER_SET_FIELD_ID	PARAMETER_SET_FIELD_ID
KNTA_PARAM_RULES	PARAM_RULE_ID	PARAM_RULE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
PARAM_RULE_RESULT_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
PARAM_RULE_ID	NOT NULL	NUMBER	Rule that this field is a result for
PARAMETER_SET_FIELD_ID	NOT NULL	NUMBER	Field ID

Column Name	Null?	Data Type	Description
SEQ_NUMBER	NOT NULL	NUMBER	Sequence that this field is populated from the SQL.
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, and so on)
SOURCE	NULLABLE	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_PARAM_RULE_RESULTS_N1	NONUNIQUE	1	PARAMETER_SET_FIELD_ID
KNTA_PARAM_RULE_RESULTS_N2	NONUNIQUE	1	PARAM_RULE_ID
KNTA_PARAM_RULE_RESULTS_U1	UNIQUE	1	PARAM_RULE_RESULT_ID

Sequences

Sequence Name	Sequence Type
KNTA_PARAM_RULE_RESULTS_S	PARAM_RULE_RESULT_ID

KNTA_PARAM_RULES

This is the master table for auto population rules. Also refer to the KNTA_PARAM_RULE_DEPENDENCIES and KNTA_PARAM_RULE_RESULTS tables.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_SECURITY_GROUPS_NLS	SECURITY_GROUP_ID	ASSIGNED_TO_GROUP_ID
KNTA_USERS	USER_ID	ASSIGNED_TO_USER_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	PARAMETER_SET_CONTEXT_ID
KWFL_WORKFLOWS_NLS	WORKFLOW_ID	WORKFLOW_ID

Column Descriptions

Column Name	Null?	Data Type	Description
PARAM_RULE_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
PARAM_RULE_NAME	NOT NULL	VARCHAR2(150)	Name of this rule
DESCRIPTION	NULLABLE	VARCHAR2(300)	Description of this rule
SEQ_NUMBER	NOT NULL	NUMBER	Sequence of this rule

Column Name	Null?	Data Type	Description
PARAMETER_ SET_CONTEXT_ ID	NOT NULL	NUMBER	Parameter set context for which this rule applies
RULE_EVENT_ CODE	NOT NULL	VARCHAR2(30)	What event triggers this rule
RULE_SQL	NULLABLE	VARCHAR2(4000)	For advanced rules: The SQL that is executed to determine values to populate fields
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Whether or not this rule is enabled
SOURCE_TYPE_ CODE	NULLABLE	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, and so on)
SOURCE	NULLABLE	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update
RULE_TYPE_ CODE	NOT NULL	VARCHAR2(30)	Rule type: SIMPLE or ADVANCED
WORKFLOW_ID	NULLABLE	NUMBER	For simple rules: The workflow ID to populate when the rule is triggered
DEPARTMENT_ CODE	NULLABLE	VARCHAR2(30)	For simple rules: The Department code that will trigger this rule
APPLICATION	NULLABLE	VARCHAR2(30)	For simple rules: The Application code that will trigger this rule
ASSIGNED_TO_ USER_ID	NULLABLE	NUMBER	For simple rules: The user ID to populate when the rule is triggered

Column Name	Null?	Data Type	Description
ASSIGNED_TO_GROUP_ID	NULLABLE	NUMBER	For simple rules: The group ID to populate when the rule is triggered
CASCADE_RULES	NOT NULL	VARCHAR2(1)	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update
LOGIC_CODE	NOT NULL	VARCHAR2(20)	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_PARAM_RULES_N1	NONUNIQUE	1	PARAMETER_SET_CONTEXT_ID
KNTA_PARAM_RULES_U1	UNIQUE	1	PARAM_RULE_ID

Sequences

Sequence Name	Sequence Type
KNTA_PARAM_RULES_S	PARAM_RULE_ID

KNTA_PARAM_SET_FIELDS

This table stores information that connects the parameters set and the fields according to the relevant entity type which is described by the column PARAMETER_SET_CONTEXT_ID.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_ENTITIES_NLS	ENTITY_ID	FIELD_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KRML_CONTEXT_ UPDATES	PARAMETER_SET_ CONTEXT_ID	PARAMETER_SET_ CONTEXT_ID
KRML_CONTEXT_ UPDATES_COPY	PARAMETER_SET_ CONTEXT_ID	PARAMETER_SET_ CONTEXT_ID
KNTA_PARAMETER_SET_ CONTEXTS	PARAMETER_SET_ CONTEXT_ID	PARAMETER_SET_ CONTEXT_ID
KNTA_VALIDATIONS_NLS	VALIDATION_ID	SEARCH_VALIDATION_ID
KNTA_SECTIONS_NLS	SECTION_ID	SECTION_ID
KNTA_PARAM_SET_ FIELDS_NLS	PARAMETER_SET_ FIELD_ID	SOURCE_PARAMETER_ SET_ID
KNTA_VALIDATIONS_NLS	VALIDATION_ID	VALIDATION_ID
KNTA_VALIDATION_ PROFILES_NLS	VALIDATION_ PROFILE_ID	VALIDATION_PROFILE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
PARAMETER_SET_FIELD_ ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record

Column Name	Null?	Data Type	Description
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
PARAMETER_SET_ CONTEXT_ID	NOT NULL	NUMBER	
FIELD_ID	NULLABLE	NUMBER	
PROMPT	NOT NULL	VARCHAR2(100)	
DESCRIPTION	NULLABLE	VARCHAR2(400)	
PARAMETER_TOKEN	NOT NULL	VARCHAR2(30)	
PARAMETER_COLUMN_ NUMBER	NULLABLE	NUMBER	
PARAMETER_TABLE_NAME	NULLABLE	VARCHAR2(30)	
PARAMETER_VALUE_COL_ NAME	NULLABLE	VARCHAR2(30)	
PARAMETER_VIS_VALUE_ COL_NAME	NULLABLE	VARCHAR2(30)	
VALIDATION_ID	NOT NULL	NUMBER	
DEFAULT_TYPE	NULLABLE	NUMBER	
VISIBLE_DEFAULT_CONST_ VALUE	NULLABLE	VARCHAR2(4000)	
DEFAULT_PARAMETER_ TOKEN	NULLABLE	VARCHAR2(30)	
PRODUCT_SCOPE_CODE	NOT NULL	VARCHAR2(40)	
SECTION_ID	NULLABLE	NUMBER	
COLUMN_NUMBER	NULLABLE	NUMBER	
ROW_NUMBER	NULLABLE	NUMBER	
GRID_HEIGHT	NULLABLE	NUMBER	
GRID_WIDTH	NULLABLE	NUMBER	
COMPONENT_LINES	NULLABLE	NUMBER	
DISPLAY_FLAG	NOT NULL	VARCHAR2(1)	
DISPLAY_ONLY_FLAG	NOT NULL	VARCHAR2(1)	
UPDATEABLE_FLAG	NOT NULL	VARCHAR2(1)	

Column Name	Null?	Data Type	Description
REQUIRED_FLAG	NOT NULL	VARCHAR2(1)	
TRANS_HISTORY_FLAG	NOT NULL	VARCHAR2(1)	
NOTES_HISTORY_FLAG	NOT NULL	VARCHAR2(1)	
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	
WORKBENCH_ONLY_FLAG	NOT NULL	VARCHAR2(1)	
MULTI_FLAG	NOT NULL	VARCHAR2(1)	
VALIDATION_PROFILE_ID	NULLABLE	NUMBER	
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(30)	
SOURCE	NULLABLE	VARCHAR2(100)	
CLEAR_RULE	NULLABLE	VARCHAR2(500)	
DISPLAY_ONLY_RULE	NULLABLE	VARCHAR2(200)	
REQUIRED_RULE	NULLABLE	VARCHAR2(200)	
BATCH_NUMBER	NULLABLE	NUMBER	
SEARCH_VALIDATION_ID	NULLABLE	NUMBER	
SEARCHABLE_FLAG	NULLABLE	VARCHAR2(1)	
VISIBLE_TO_ALL_FLAG	NOT NULL	VARCHAR2(1)	
EDITABLE_BY_ALL_FLAG	NOT NULL	VARCHAR2(1)	
TABLE_COLUMN_ SEQUENCE	NULLABLE	NUMBER	
DISPLAY_TOTAL_FLAG	NULLABLE	VARCHAR2(1)	
SOURCE_PARAMETER_ SET_ID	NULLABLE	NUMBER	
SOURCE_PARAMETER_ SET_FIELD_ID	NULLABLE	NUMBER	
DEFINITION_LANGUAGE	NOT NULL	VARCHAR2(40)	
REFERENCE_CODE	NOT NULL	VARCHAR2(200)	
DEFAULT_CONST_VALUE	NULLABLE	VARCHAR2(4000)	

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_PARAMETER_SET_FIELDS_N1	NONUNIQUE	1	PARAMETER_SET_CONTEXT_ID
KNTA_PARAMETER_SET_FIELDS_N2	NONUNIQUE	1	PROMPT
KNTA_PARAMETER_SET_FIELDS_N3	NONUNIQUE	1	PARAMETER_TOKEN
KNTA_PARAMETER_SET_FIELDS_N4	NONUNIQUE	1	SECTION_ID
KNTA_PARAMETER_SET_FIELDS_U1	UNIQUE	1	PARAMETER_SET_FIELD_ID
SYS_C00109352669	UNIQUE	1	REFERENCE_CODE

Sequences

This table uses no sequences.

KNTA_PARAM_SET_FLD_SETUPS

This table stores setup information for parameter set fields.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_PARAM_SET_FIELDS_NLS	PARAMETER_SET_FIELD_ID	PARAMETER_SET_FIELD_ID
KRML_PARAMETER_SET_FLDS_COPY	PARAMETER_SET_FIELD_ID	PARAMETER_SET_FIELD_ID

Column Descriptions

Column Name	Null?	Data Type	Description
PARAM_SET_FLD_SETUP_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
PARAMETER_SET_FIELD_ID	NOT NULL	NUMBER	Identifier of the set field this record describes
ALLOW_PROMPT_FLAG	NULLABLE	VARCHAR2(1)	Flag that determines whether to allow a prompt for this field
ALLOW_DESCRIPTION_FLAG	NULLABLE	VARCHAR2(1)	Flag that determines whether to allow a description for this field
ALLOW_ENABLED_FLAG	NULLABLE	VARCHAR2(1)	Flag that determines whether the field is enabled
ALLOW_VALIDATION_FLAG	NULLABLE	VARCHAR2(1)	Flag that determines whether the field allows validation

Column Name	Null?	Data Type	Description
ALLOW_MULTI_ FLAG	NULLABLE	VARCHAR2(1)	Flag that determines whether the field allows multiple values
ALLOW_EDITABLE_ FLAG	NULLABLE	VARCHAR2(1)	Flag that determines whether the field is editable
ALLOW_TRANS_ HISTORY_FLAG	NULLABLE	VARCHAR2(1)	Flag that determines whether the field allows transaction history to be saved
ALLOW_DISP_IN_ SEARCH_FLAG	NULLABLE	VARCHAR2(1)	Flag that determines whether the field is displayed in a search
ALLOW_NOTES_ HISTORY_FLAG	NULLABLE	VARCHAR2(1)	Flag that determines whether the field will appear in the notes history section when the field is changed
ALLOW_SEARCH_ VALIDATION_FLAG	NULLABLE	VARCHAR2(1)	Flag that determines whether the field allows a search validation
ALLOW_DEFAULT_ FLAG	NULLABLE	VARCHAR2(1)	Flag that determines whether the field allows a default value
ALLOW_VISIBLE_ SECURITY_FLAG	NULLABLE	VARCHAR2(1)	Flag that determines whether to allow the security of the field to be visible
ALLOW_EDITABLE_ SECURITY_FLAG	NULLABLE	VARCHAR2(1)	Flag that determines whether to allow the security of the field to be editable

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_PARAM_SET_ FLD_SETUPS_U1	UNIQUE	1	PARAM_SET_ FLD_SETUP_ID

Sequences

Sequence Name	Sequence Type
KNTA_PARAM_SET_FLD_ SETUPS_S	PARAM_SET_FLD_ SETUP_ID

KNTA_PARAMETER_SET_CONTEXTS

This table stores the context values associated with a parameters set. Column CONTEXT_VALUE stores value of the context column defined by CONTEXT_COLUMN in THE KNTA_PARAMETER_SETS table.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_ENTITIES_NLS	ENTITY_ID	ENTITY_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_PARAMETER_SETS_NLS	PARAMETER_SET_ID	PARAMETER_SET_ID

Column Descriptions

Column Name	Null?	Data Type	Description
PARAMETER_SET_CONTEXT_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
PARAMETER_SET_ID	NOT NULL	NUMBER	Parameter set identifier
CONTEXT_VALUE	NULLABLE	VARCHAR2(200)	Value of the context for column CONTEXT_COLUMN in table TABLE_NAME as defined in KNTA_PARAMETER_SETS

Column Name	Null?	Data Type	Description
VISIBLE_ CONTEXT_ VALUE	NULLABLE	VARCHAR2(200)	Field that stores the displayed value for the context_value field. (that is, if the context value is a workflow ID, this field will contain the workflow name)
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Determines whether this context is enabled for the given parameter set.
ENTITY_ID	NULLABLE	NUMBER	Identifies the entity associated with the context.
SOURCE_TYPE_ CODE	NULLABLE	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, and so on)
SOURCE	NULLABLE	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.
MDL_VIEW_ NAME_ROOT	NULLABLE	VARCHAR2(20)	Defines the root part of an MDL view name for this context. The term root is borrowed from linguist terms such that a word can have prefix, root and suffix. The system will try to default to parameter_set_context_id if possible
VISIBILITY_SEC_ EXISTS_FLAG	NULLABLE	VARCHAR2(1)	Flag that determines whether visibility security data exists for the parameter set context
DEFINITION_ LANGUAGE	NOT NULL	VARCHAR2(40)	

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_PARAMETER_SET_CONTEXTS_N1	NONUNIQUE	1	ENTITY_ID
KNTA_PARAMETER_SET_CONTEXTS_U1	UNIQUE	1	PARAMETER_SET_CONTEXT_ID
KNTA_PARAMETER_SET_CONTEXTS_U2	UNIQUE	1	PARAMETER_SET_ID
KNTA_PARAMETER_SET_CONTEXTS_U2	UNIQUE	2	CONTEXT_VALUE

Sequences

Sequence Name	Sequence Type
KNTA_PARAMETER_SET_CONTEXTS_S	PARAMETER_SET_CONTEXT_ID

KNTA_PARAMETER_SETS

This table stores all the parameters sets that are available when you need parameters for something. Each row include table which connect this set to the list of values. A parameter set is a collection of parameters associated with an entity. A parameter set can have many contexts (determined by the value of the column identified by CONTEXT_COLUMN) and each context has a separate set of parameters.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_ENTITY_ TOKENS_NLS	ENTITY_TOKEN_ID	TOKEN_PREFIX_ ENTITY_ID

Column Descriptions

Column Name	Null?	Data Type	Description
PARAMETER_SET_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
ENTITY_LAST_ UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
PARAMETER_SET_ NAME	NOT NULL	VARCHAR2(80)	
PARAMETER_SET_ TITLE	NULLABLE	VARCHAR2(50)	

Column Name	Null?	Data Type	Description
DESCRIPTION	NULLABLE	VARCHAR2(240)	
PRODUCT_CODE	NULLABLE	VARCHAR2(30)	
PARAMETER_SET_ TYPE	NOT NULL	VARCHAR2(30)	
NUM_COLUMNS	NOT NULL	NUMBER	
TABLE_NAME	NOT NULL	VARCHAR2(30)	
CONTEXT_COLUMN	NULLABLE	VARCHAR2(30)	
ORIGINAL_CONTEXT_ COLUMN	NULLABLE	VARCHAR2(30)	
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	
TOKEN_PREFIX_ ENTITY_ID	NULLABLE	NUMBER	
SECURITY_ENABLED_ FLAG	NOT NULL	VARCHAR2(1)	
DEFINITION_ LANGUAGE	NOT NULL	VARCHAR2(40)	
REFERENCE_CODE	NOT NULL	VARCHAR2(200)	

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_PARAMETER_ SETS_N1	NONUNIQUE	1	TABLE_NAME
KNTA_PARAMETER_ SETS_N1	NONUNIQUE	2	CONTEXT_ COLUMN
KNTA_PARAMETER_ SETS_U1	UNIQUE	1	PARAMETER_ SET_ID
SYS_C005198439	UNIQUE	1	REFERENCE_ CODE

Sequences

This table uses no sequences.

KNTA_PASSWORD_CHANGES

This table stores list of old passwords previously used by all users. This table is used when password reuse is restricted by PPM Center Administrator.

Note: For records to be inserted into this table the PASSWORD_REUSE_RESTRICTION_DAYS `server.conf` parameter should be set to a value of more than 0.

Any rows that are beyond the reuse restriction time will be purged.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	USER_ID

Column Descriptions

Column Name	Null?	Data Type	Description
PASSWORD_CHANGE_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
USER_ID	NOT NULL	NUMBER	User who own the old password
PASSWORD_CHANGE_DATE	NOT NULL	DATE	Date password become obsolete
PASSWORD	NULLABLE	VARCHAR2(200)	Old password

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_PASSWORD_CHANGES_N1	NONUNIQUE	1	USER_ID
KNTA_PASSWORD_CHANGES_U1	UNIQUE	1	PASSWORD_CHANGE_ID

Sequences

Sequence Name	Sequence Type
KNTA_PASSWORD_CHANGES_S	PASSWORD_CHANGE_ID

KNTA_PENDING_API_CHANGES

This table stores pending events to be processed by the Request Status Change background service.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_ENTITIES_NLS	ENTITY_ID	SOURCE_ENTITY_ID
KNTA_PENDING_ EXCEPTIONS	SOURCE_ID	SOURCE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
PENDING_API_ CHANGE_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
EVENT	NOT NULL	VARCHAR2(80)	For the token evaluation engine. Contains the primary key of a table (see KNTA_ TOKEN). The reference to this table is used to resolve all the tokens from this context after update
SOURCE_ ENTITY_ID	NOT NULL	NUMBER	For the token evaluation engine. Contains the primary key of a table (see KNTA_ TOKEN). The reference to this table is used to resolve all the tokens from this context after update

Column Name	Null?	Data Type	Description
SOURCE_ID	NOT NULL	NUMBER	For the token evaluation engine. Contains the primary key of a table (see KNTA_ TOKEN). The reference to this table is used to resolve all the tokens from this context after update
OLD_VALUE	NULLABLE	VARCHAR2(80)	For the token evaluation engine. Contains the primary key of a table (see KNTA_ TOKEN). The reference to this table is used to resolve all the tokens from this context after update
NEW_VALUE	NULLABLE	VARCHAR2(80)	For the token evaluation engine. Contains the primary key of a table (see KNTA_ TOKEN). The reference to this table is used to resolve all the tokens from this context after update
STATUS	NULLABLE	VARCHAR2(80)	For the token evaluation engine. Contains the primary key of a table (see KNTA_ TOKEN). The reference to this table is used to resolve all the tokens from this context after update
ATTEMPT_ COUNT	NULLABLE	NUMBER	For the token evaluation engine. Contains the primary key of a table (see KNTA_ TOKEN). The reference to this table is used to resolve all the tokens from this context after update

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_PENDING_API_CHANGES_N1	NONUNIQUE	1	SOURCE_ENTITY_ID
KNTA_PENDING_API_CHANGES_N1	NONUNIQUE	2	SOURCE_ID
KNTA_PENDING_API_CHANGES_N2	NONUNIQUE	1	EVENT
KNTA_PENDING_API_CHANGES_N3	NONUNIQUE	1	STATUS
KNTA_PENDING_API_CHANGES_U1	UNIQUE	1	PENDING_API_CHANGE_ID

Sequences

Sequence Name	Sequence Type
KNTA_PENDING_API_CHANGES_S	PENDING_API_CHANGE_ID

KNTA_PENDING_EXCEPTIONS

This table stores one record for each exception run that was not successful for a project. The system uses the information in this table to perform the exception run later.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_ENTITIES_NLS	ENTITY_ID	SOURCE_ENTITY_ID
PM_PROJECTS	PROJECT_ID	SOURCE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
SOURCE_ID	NOT NULL	NUMBER	Source identifier
SOURCE_ENTITY_ID	NOT NULL	NUMBER	Source entity identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
ATTEMPTS	NULLABLE	NUMBER	Number of times the system attempted to perform the exception run

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_PENDING_EXCEPTIONS_U1	UNIQUE	1	SOURCE_ID
KNTA_PENDING_EXCEPTIONS_U1	UNIQUE	2	SOURCE_ ENTITY_ID

Sequences

This table uses no sequences.

KNTA_PENDING_FLS_DENORM

This table stores information about pending field-level security transactions on existing entities in the PPM Center system.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
PENDING_FLS_DENORM_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
SOURCE_ENTITY_ID	NOT NULL	NUMBER	Source entity of the field-level security
SOURCE_PRIMARY_KEY	NOT NULL	NUMBER	Identifier that uniquely identifies the source of the field-level security transaction
TARGET_ENTITY_ID	NOT NULL	NUMBER	Identifier that identifies the target entity type of the field-level security transaction
START_DATE	NULLABLE	DATE	Date pending field-level security transaction started

Column Name	Null?	Data Type	Description
COMPLETE_ DATE	NULLABLE	DATE	Date pending field-level security transaction completed
PENDING_ STATE_CODE	NOT NULL	VARCHAR2(200)	State of particular pending field-level security transaction
MESSAGE	NULLABLE	VARCHAR2(4000)	Message field for misc. messages

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_PENDING_ FLS_DENORM_N1	NONUNIQUE	1	TARGET_ENTITY_ID
KNTA_PENDING_ FLS_DENORM_N1	NONUNIQUE	2	PENDING_STATE_CODE
KNTA_PENDING_ FLS_DENORM_U1	UNIQUE	1	PENDING_FLS_DENORM_ID

Sequences

Sequence Name	Sequence Type
KNTA_PENDING_FLS_ DENORM_S	PENDING_FLS_DENORM_ID

KNTA_PENDING_REFERENCES

This table stores pending references that need to be updated.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_ENTITIES_NLS	ENTITY_ID	SOURCE_ENTITY_ID

Column Descriptions

Column Name	Null?	Data Type	Description
REF_PENDING_ ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
SOURCE_ ENTITY_ID	NOT NULL	NUMBER	Indicates the source entity type of this reference. This value should correspond to ENTITY_ID in KNTA_ ENTITIES
SOURCE_ID	NOT NULL	NUMBER	Provides the ID of the source
STATUS_CODE	NULLABLE	VARCHAR2(200)	Indicates the status for this reference - SCHEDULED, NEW, IN_PROGRESS, CANCELLED, CLOSED_ SUCCESS, CLOSED_ FAILURE, CLOSED_MIXED

Column Name	Null?	Data Type	Description
EVENT_CODE	NULLABLE	VARCHAR2(200)	Provides the event code for this reference - PREDECESSORS_ COMPLETED, PREDECESORS_ REMOVED, PREDECESSORS_ADDED, OVERRIDDEN
UPDATE_SYS_ OVERRIDE	NULLABLE	VARCHAR2(1)	Indicates the update system override flag
REL_BEHAVIOR_ CODE	NULLABLE	VARCHAR2(200)	Provides the relational behavior code for this reference - INFORMATIONAL, PREDECESSOR, SUCCESSOR, FF_ PREDECESSOR, AUTO_ UPDATE, UPDATED_BY_ STEP
CALLBACK_ EVENT	NULLABLE	VARCHAR2(100)	Provides the callback event for this reference - REOPEN, REQUEST_HOOK, UPDATE_TASK_STATE

Indexes

This table uses no indexes.

Sequences

Sequence Name	Sequence Type
KNTA_PENDING_ REFERENCES_S	REF_PENDING_ID

KNTA_PENDING_ROLLUPS

This table stores a list of entities which need its values to be rolled up. Mainly used for calculations for resource pool rollups, and ties between actuals for Time Management, Project Plans, Budgets, and Staffing Profiles. Rows are deleted after rollup services process them.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
PPM_FISCAL_PERIODS_NLS	FISCAL_PERIOD_ID	PERIOD_ID
KNTA_USERS	USER_ID	RESOURCE_USER_ID
KNTA_ENTITIES_NLS	ENTITY_ID	SOURCE_ENTITY_ID
KNTA_ENTITIES_NLS	ENTITY_ID	TARGET_ENTITY_ID

Column Descriptions

Column Name	Null?	Data Type	Description
PENDING_ROLLUP_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
SOURCE_ENTITY_ID	NOT NULL	NUMBER	Entity ID of the source triggering the rollup
SOURCE_ENTITY_ PRIMARY_KEY	NOT NULL	NUMBER	Primary key of the source triggering the rollup
TARGET_ENTITY_ID	NULLABLE	NUMBER	Entity ID of the target whose values need to be recalculated

Column Name	Null?	Data Type	Description
TARGET_ENTITY_ PRIMARY_KEY	NULLABLE	NUMBER	Primary key of the target whose values need to be recalculated
FISCAL_PERIOD_ID	NULLABLE	NUMBER	Period in which the rollup needs to be recalculated. Can be null.
RESOURCE_USER_ID	NULLABLE	NUMBER	User for which the rollup needs to be recalculated. Can be null.

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_PENDING_ ROLLUPS_N1	NONUNIQUE	1	SOURCE_ENTITY_ID
KNTA_PENDING_ ROLLUPS_N2	NONUNIQUE	1	SOURCE_ENTITY_ PRIMARY_KEY
KNTA_PENDING_ ROLLUPS_N3	NONUNIQUE	1	TARGET_ENTITY_ID
KNTA_PENDING_ ROLLUPS_N4	NONUNIQUE	1	TARGET_ENTITY_ PRIMARY_KEY
KNTA_PENDING_ ROLLUPS_U1	UNIQUE	1	PENDING_ROLLUP_ ID

Sequences

Sequence Name	Sequence Type
KNTA_PENDING_ ROLLUPS_S	PENDING_ROLLUP_ID

KNTA_PERIOD_TYPES

This table stores information about period types.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
PERIOD_TYPE_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	User who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	User who last updated the record
PERIOD_TYPE_NAME	NOT NULL	VARCHAR2(100)	
DESCRIPTION	NOT NULL	VARCHAR2(250)	
START_DAY_CODE	NOT NULL	VARCHAR2(30)	
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	
DEFINITION_LANGUAGE	NOT NULL	VARCHAR2(40)	
REFERENCE_CODE	NOT NULL	VARCHAR2(200)	

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_PERIOD_TYPES_U1	UNIQUE	1	PERIOD_TYPE_ID
SYS_C005198572	UNIQUE	1	REFERENCE_CODE

Sequences

This table uses no sequences.

KNTA_PERSONALIZATION_VALUES

This table stores a row for each value that a user fills into a filter field on a portlet edit page. When the portlet edit page is displayed, the filter fields on the page will be populated with data from this table if applicable.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
PERSONALIZATION_VALUE_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
PERSONALIZATION_VALUE_SET_ID	NOT NULL	NUMBER	Identifier for the set of filter fields on a portlet edit page
PARAMETER_NAME	NOT NULL	VARCHAR2(40)	Name of the parameter for the filter field
PARAMETER_HIDDEN_VALUE	NOT NULL	VARCHAR2(2000)	Hidden value of the parameter

Column Name	Null?	Data Type	Description
PARAMETER_ VISIBLE_VALUE	NOT NULL	VARCHAR2(2000)	Visible value of the parameter
SOURCE_TYPE_ CODE	NULLABLE	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, and so on)
SOURCE	NULLABLE	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_PERSONALIZATION_ VALUES_N1	NONUNIQUE	1	PERSONALIZATION_ VALUE_SET_ID
KNTA_PERSONALIZATION_ VALUES_U1	UNIQUE	1	PERSONALIZATION_ VALUE_ID

Sequences

Sequence Name	Sequence Type
KNTA_PERSONALIZATION_ VALUES_S	PERSONALIZATION_VALUE_ID
KNTA_PERSON_VALUE_SETS_S	PERSONALIZATION_VALUE_SET_ID

KNTA_PORTLET_COLUMNS

This table stores the visible set of columns for each instance of a portlet that uses static columns. It does not store the column sets for portlets that have their columns generated dynamically. The column set of each column is used by a single portlet to determine what columns are displayed to the user.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_PORTLET_TYPE_ COLUMNS	PORTLET_TYPE_ COLUMN_ID	PORTLET_TYPE_ COLUMN_ID

Column Descriptions

Column Name	Null?	Data Type	Description
PORTLET_ COLUMN_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
PORTLET_TYPE_ COLUMN_ID	NOT NULL	NUMBER	ID of the portlet type column of which this column is an instance
SEQUENCE_ NUMBER	NOT NULL	NUMBER	Position, within the portlet, of this column

Column Name	Null?	Data Type	Description
PORTLET_ COLUMN_SET_ID	NOT NULL	NUMBER	ID of the column set to which this column belongs
SOURCE_TYPE_ CODE	NULLABLE	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, and so on)
SOURCE	NULLABLE	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_PORTLET_ COLUMNS_N1	NONUNIQUE	1	PORTLET_ COLUMN_SET_ID
KNTA_PORTLET_ COLUMNS_U1	UNIQUE	1	PORTLET_ COLUMN_ID

Sequences

Sequence Name	Sequence Type
KNTA_PORTLET_ COLUMNS_S	PORTLET_COLUMN_ID
KNTA_PORTLET_ COLUMN_SETS_S	PORTLET_COLUMN_SET_ ID

KNTA_PORTLET_QUERIES

This table stores the default SQL clauses for each of the portlet types based on filter criteria. Some portlet types have different defaults based on a specific parameter, while others have a single default.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_PORTLET_ TYPES	PORTLET_TYPE_ID	PORTLET_TYPE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
PORTLET_ QUERY_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
PORTLET_TYPE_ ID	NOT NULL	NUMBER	ID of the portlet type for which this portlet query is a default.
PARAMETER_ NAME	NULLABLE	VARCHAR2(40)	Name of the parameter used to select the defaults for a portlet
PARAMETER_ VALUE	NULLABLE	VARCHAR2(200)	If the portlet uses this parameter value, then the default clauses will be used from this portlet query
SELECT_ CLAUSE	NOT NULL	VARCHAR2(4000)	Default select clause for the query based on the parameter name and value

Column Name	Null?	Data Type	Description
FROM_CLAUSE	NOT NULL	VARCHAR2(2000)	Default from clause for the query based on the parameter name and value
GROUP_BY_ CLAUSE	NULLABLE	VARCHAR2(2000)	Default group by clause for the query based on the parameter name and value
ORDER_BY_ CLAUSE	NULLABLE	VARCHAR2(2000)	Default order by clause for the query based on the parameter name and value
SOURCE_TYPE_ CODE	NULLABLE	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, and so on)
SOURCE	NULLABLE	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_PORTLET_ QUERIES_N1	NONUNIQUE	1	PORTLET_TYPE_ ID
KNTA_PORTLET_ QUERIES_U1	UNIQUE	1	PORTLET_ QUERY_ID

Sequences

Sequence Name	Sequence Type
KNTA_PORTLET_ QUERIES_S	PORTLET_QUERY_ID

KNTA_PORTLET_SQL_PARAMETERS

This table stores the tokens that are part of the portlet SQL and its resolved values (if any). Not all tokens may be pre-resolved, some tokens, for example, SYS.USER_ID, may be resolved run time. Data in this table corresponds to USE_BIND_VARIABLES_FLAG in the KNTA_PORTLET_TYPES table.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_PORTLETS	PORTLET_ID	PORTLET_ID

Column Descriptions

Column Name	Null?	Data Type	Description
PORTLET_SQL_ PARAMETERS_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
PORTLET_ID	NOT NULL	NUMBER	Portlet for which the sql parameters are defined
PARAMETER	NOT NULL	VARCHAR2(80)	Token that is part of the SQL
PARAMETER_ RESOLVED_VALUE	NULLABLE	VARCHAR2(4000)	Resolved value of the token. Not all tokens may be resolved.

Column Name	Null?	Data Type	Description
SEQ	NOT NULL	NUMBER	Sequence in which the token was found in the sql.
RESOLVED_FLAG	NOT NULL	VARCHAR2(1)	Defines if the token was pre-resolved
SQL_CLAUSE	NOT NULL	VARCHAR2(10)	Defines the clause in which token appeared

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_PORTLET_SQL_ PARAMETERS_N1	NONUNIQUE	1	PORTLET_ID
KNTA_PORTLET_SQL_ PARAMETERS_U1	UNIQUE	1	PORTLET_SQL_ PARAMETERS_ID

Sequences

Sequence Name	Sequence Type
KNTA_PORTLET_SQL_ PARAMETERS_S	PORTLET_SQL_ PARAMETERS_ID

KNTA_PORTLET_TYPE_COLUMNS

This table stores the list of available visible columns for each portlet type.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_PORTLET_TYPES	PORTLET_TYPE_ID	PORTLET_TYPE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
PORTLET_TYPE_COLUMN_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
DESCRIPTION	NULLABLE	VARCHAR2(1000)	Description for the purpose of this column
DB_COLUMN	NOT NULL	VARCHAR2(1000)	Database column name of this column
COLUMN_TYPE	NOT NULL	VARCHAR2(30)	Defines type of data fetched in the column (for example, numeric, string, date, and so on)
PORTLET_TYPE_ID	NOT NULL	NUMBER	ID of the portlet type to which this column belongs
PROMPT	NOT NULL	VARCHAR2(100)	Displayed prompt for this column
MAXIMIZED_PROMPT	NOT NULL	VARCHAR2(200)	Displayed prompt for this column in the maximized view

Column Name	Null?	Data Type	Description
PIXEL_WIDTH	NULLABLE	NUMBER	Internal field to calculate the pixels from the character width
CHARACTER_ WIDTH	NULLABLE	NUMBER	Number of characters that the user wants to display in this column
HYPERLINK_ FLAG	NOT NULL	VARCHAR2(1)	A flag to indicate whether the data in this column should be hyperlinked
HYPERLINK_ TYPE_CODE	NULLABLE	VARCHAR2(30)	Type of the hyperlink
HYPERLINK_ FILTER_ COLUMNS	NULLABLE	VARCHAR2(400)	Currently unused
HYPERLINK_ ENTITY_ID_ COLUMN	NULLABLE	VARCHAR2(30)	Identifier used to navigate to the hyperlink
CUSTOM_ HYPERLINK	NULLABLE	VARCHAR2(1000)	Custom hyperlink defined by user
MANDATORY_ FLAG	NOT NULL	VARCHAR2(1)	A flag to indicate whether this column is required in a portlet of the portlet type
TRUNCATE_ FLAG	NOT NULL	VARCHAR2(1)	A flag to indicate if the data in this column should be truncated
TRUNCATE_ LENGTH	NULLABLE	NUMBER	If TRUNCATE_FLAG is "Y", this value determines the length at which the data should be truncated
COLUMN_ALIAS	NOT NULL	VARCHAR2(30)	Unique alias for the column
TOOL_TIP_FLAG	NOT NULL	VARCHAR2(1)	Defines if the column has tool-tip
TOOL_TIP_ COLUMN	NULLABLE	VARCHAR2(30)	Defines what to display if the column has the tool-tip
ALLOW_USER_ SORT_BY_FLAG	NOT NULL	VARCHAR2(1)	Defines if the end-user can define the sort by in the filter page

Column Name	Null?	Data Type	Description
DISPLAYABLE_ FLAG	NOT NULL	VARCHAR2(1)	Defines if the column is displayed in the portlet
DEFAULT_ ORDER_BY_ FLAG	NOT NULL	VARCHAR2(1)	Defines if this column is the default order by value in the filter page
SOURCE_TYPE_ CODE	NULLABLE	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, and so on)
SOURCE	NULLABLE	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_PORTLET_TYPE_ COLUMNS_N1	NONUNIQUE	1	PORTLET_TYPE_ID
KNTA_PORTLET_TYPE_ COLUMNS_U1	UNIQUE	1	PORTLET_TYPE_ COLUMN_ID

Sequences

Sequence Name	Sequence Type
KNTA_PORTLET_TYPE_ COLUMNS_S	PORTLET_TYPE_ COLUMN_ID

KNTA_PORTLET_TYPE_FILTERS

This table corresponds to the KNTA_PARAMETER_SET_FIELDS table. It stores a useful field: where_clause.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_PARAM_SET_ FIELDS_NLS	PARAMETER_SET_ FIELD_ID	PARAMETER_SET_ FIELD_ID

Column Descriptions

Column Name	Null?	Data Type	Description
PORTLET_TYPE_ FILTER_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
PARAMETER_ SET_FIELD_ID	NOT NULL	NUMBER	Related PARAMETER_SET_ FIELD_ID
WHERE_CLAUSE	NOT NULL	VARCHAR2(4000)	Where_clause of the filter field for the custom portlet

Column Name	Null?	Data Type	Description
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, and so on)
SOURCE	NULLABLE	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.
SEQUENCE	NULLABLE	NUMBER	Order in which the filter is applied

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_PORTLET_TYPE_FILTERS_U1	UNIQUE	1	PORTLET_TYPE_FILTER_ID
KNTA_PORTLET_TYPE_FILTERS_U2	UNIQUE	1	PARAMETER_SET_FIELD_ID

Sequences

Sequence Name	Sequence Type
KNTA_PORTLET_TYPE_FILTERS_S	PORTLET_TYPE_FILTER_ID

KNTA_PORTLET_TYPE_SECURITY

This table stores security type for each portlet. Security type can be user or security groups.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_PORTLET_TYPES	PORTLET_TYPE_ID	PORTLET_TYPE_ID
KNTA_SECURITY_ GROUPS_NLS	SECURITY_GROUP_ID	SECURITY_GROUP_ID
KNTA_USERS	USER_ID	USER_ID

Column Descriptions

Column Name	Null?	Data Type	Description
PORTLET_TYPE_ SECURITY_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
PORTLET_TYPE_ ID	NOT NULL	NUMBER	Identifies the portlet type to which this security belongs
SECURITY_ TYPE_CODE	NOT NULL	VARCHAR2(30)	Type of the security, i.e., security group or user
SECURITY_ GROUP_ID	NULLABLE	NUMBER	If the type is security group, the security group that has access to add this portlet to dashboard.

Column Name	Null?	Data Type	Description
USER_ID	NULLABLE	NUMBER	If the type is user, Identifier for the user who has access to add this portlet to dashboard.
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, and so on)
SOURCE	NULLABLE	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_PORTLET_TYPE_SECURITY_N1	NONUNIQUE	1	PORTLET_TYPE_ID
KNTA_PORTLET_TYPE_SECURITY_U1	UNIQUE	1	PORTLET_TYPE_SECURITY_ID

Sequences

Sequence Name	Sequence Type
KNTA_PORTLET_TYPE_SECURITY_S	PORTLET_TYPE_SECURITY_ID

KNTA_PORTLET_TYPE_WS_INFO

This table stores web service information for portlet types including the target URL and credentials.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_PORTLET_TYPES	PORTLET_TYPE_ID	PORTLET_TYPE_ID
KNTA_USERS	USER_ID	CREATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
PORTLET_TYPE_WS_INFO_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
PORTLET_TYPE_ID	NOT NULL	NUMBER	Foreign key reference to the portlet types table of the portlet type this information is for
URL	NOT NULL	VARCHAR2(2000)	Endpoint URL for the web service
HTTP_USERNAME	NULLABLE	VARCHAR2(200)	Username for the web service

Column Name	Null?	Data Type	Description
HTTP_ PASSWORD	NULLABLE	VARCHAR2(200)	Password for the web service
SOURCE_TYPE_ CODE	NULLABLE	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, and so on)
SOURCE	NULLABLE	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_PORTLET_TYPE_ WS_INFO_U1	UNIQUE	1	PORTLET_TYPE_ WS_INFO_ID
KNTA_PORTLET_TYPE_ WS_INFO_U2	UNIQUE	1	PORTLET_TYPE_ID

Sequences

Sequence Name	Sequence Type
KNTA_PORTLET_TYPE_ WS_INFO_S	PORTLET_TYPE_WS_ INFO_ID

KNTA_PORTLET_TYPES

This table stores information that defines the available portlet types throughout the dashboard.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_PORTLET_COLUMNS	PORTLET_COLUMN_ SET_ID	DEFAULT_LAYOUT_ SET_ID
KNTA_PERSONALIZATION_ VALUES	PERSONALIZATION_ VALUE_SET_ID	DEFAULT_PERSON_ VALUE_SET_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
PORTLET_TYPE_ ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
VALID_FROM_ DATE	NOT NULL	DATE	Date and time when the portlet definition was changed that would have caused propagation.
PORTLET_TYPE_ NAME	NOT NULL	VARCHAR2(80)	Name of the portlet
DESCRIPTION	NULLABLE	VARCHAR2(400)	Description of the portlet.
PORTLET_ CATEGORY	NULLABLE	VARCHAR2(80)	User defined category for the portlet
PORTLET_URL	NOT NULL	VARCHAR2(200)	Relative URL location from the dashboard home for a portlet of this type

Column Name	Null?	Data Type	Description
PORTLET_MAX_ URL	NULLABLE	VARCHAR2(200)	Relative URL location from the dashboard home for the max page of a portlet of this type
PORTLET_FILTER_ URL	NULLABLE	VARCHAR2(200)	Relative URL location from the dashboard home for the filter page of a portlet of this type
PORTLET_ ARRANGE_DATA_ URL	NULLABLE	VARCHAR2(200)	Relative URL location from the dashboard home for the arrange data page of a portlet of this type
PRODUCT_ SCOPE_TYPE	NOT NULL	VARCHAR2(30)	Defines what product does this portlet belong to
EDITABLE_FLAG	NOT NULL	VARCHAR2(1)	A flag to indicate whether an instance of this portlet type is editable
MAXIMIZABLE_ FLAG	NOT NULL	VARCHAR2(1)	A flag to indicate whether an instance of this portlet type is maximizable
SINGLE_ INSTANCE_FLAG	NOT NULL	VARCHAR2(1)	A flag to indicate whether only one instance of the portlet type is allowed per user
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	A flat to indicate whether this portlet type is enabled to be instantiated
DISPLAY_ CONFIGURABLE_ FLAG	NOT NULL	VARCHAR2(1)	Internal field, defines if the portlet columns can be configured in portlet builder
FILTER_ CONFIGURABLE_ FLAG	NOT NULL	VARCHAR2(1)	Internal field, defines if the portlet filter fields be configured in portlet builder
RESTRICT_ ACCESS_FLAG	NOT NULL	VARCHAR2(1)	If the value is Y, the portlet security checks are made.
FILTERABLE_FLAG	NOT NULL	VARCHAR2(1)	Internal field for backwards compatibility. Defines if the portlet data can be filtered.

Column Name	Null?	Data Type	Description
REQUIRE_ PERSONALIZATIO N_FLAG	NOT NULL	VARCHAR2(1)	Defines if the user should be forced to personalize the portlet (first time only) before viewing the data.
BASE_SELECT_ CLAUSE	NULLABLE	CLOB	Default SELECT clause of the query that is used to load the data for this portlet.
BASE_FROM_ CLAUSE	NULLABLE	VARCHAR2(4000)	Default FROM clause of the query that is used to load the data for this portlet.
BASE_WHERE_ CLAUSE	NULLABLE	CLOB	Default WHERE clause of the query that is used to load the data for this portlet.
BASE_ORDER_ BY_CLAUSE	NULLABLE	VARCHAR2(4000)	Default ORDER_BY clause of the query that is used to load the data for this portlet.
BASE_GROUP_ BY_CLAUSE	NULLABLE	VARCHAR2(4000)	Default GROUP_BY clause of the query that is used to load the data for this portlet.
BASE_HAVING_ CLAUSE	NULLABLE	VARCHAR2(4000)	Default HAVING clause of the query that is used to load the data for this portlet.
DEFAULT_TITLE	NOT NULL	VARCHAR2(80)	Default title given to new instances of this portlet type
DEFAULT_WIDTH	NOT NULL	NUMBER	Default width, narrow or wide, of this portlet type
DEFAULT_MAX_ ROWS	NULLABLE	NUMBER	Default maximum number of rows displayed in a portlet of this type
LAYOUT_TYPE_ CODE	NOT NULL	VARCHAR2(30)	Layout type, table or form, of this portlet type
DEFAULT_ LAYOUT_SET_ID	NULLABLE	NUMBER	ID of the default layout set, usually column set, for this portlet type
DEFAULT_ PERSON_VALUE_ SET_ID	NULLABLE	NUMBER	ID of the default personalization value set for this portlet type

Column Name	Null?	Data Type	Description
CLASS_OF_DATA_CAPSULE	NOT NULL	VARCHAR2(200)	Java class of the capsule used by this portlet type
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, and so on)
SOURCE	NULLABLE	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.
TIMEOUT	NULLABLE	NUMBER	Time in seconds after which the portlet query will be timed out
PARAM_JSP_URL	NULLABLE	VARCHAR2(200)	Parameters that are passed to the Java Server Page URL for the portlet to be displayed properly
CONTROLLER_CLASS	NULLABLE	VARCHAR2(200)	Java controller class for the portlet
DRILL_DOWN_SELECT_CLAUSE	NULLABLE	VARCHAR2(2000)	SQL Select clause for drill down functionality for the portlet
LIMIT_RESULTS_FLAG	NOT NULL	VARCHAR2(1)	Flag that determines if the portlet has a limit on the number of results
PAGEABLE_FLAG	NOT NULL	VARCHAR2(1)	Flag that determines whether the portlet is able to maximize to a full page

Column Name	Null?	Data Type	Description
DEFAULT_MAX_ PAGE_MAX_ROWS	NULLABLE	NUMBER	Default maximum pages and maximum rows for the portlet
USE_BIND_ VARIABLES_FLAG	NOT NULL	VARCHAR2(1)	If this flag is set to Yes, the portlet sql will use the bind variables. This makes the sql run faster, in most cases this should be set to Yes. There are cases in which this has to be set to No for the sql to work.
DATA_SOURCE_ TYPE_CODE	NOT NULL	VARCHAR2(30)	the type of data source, usually SQL

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_PORTLET_ TYPES_U1	UNIQUE	1	PORTLET_TYPE_ID
KNTA_PORTLET_ TYPES_U2	UNIQUE	1	PORTLET_TYPE_NAME

Sequences

Sequence Name	Sequence Type
KNTA_PORTLET_TYPES_S	PORTLET_TYPE_ID

KNTA_PORTLET_TYPES_BACKUP

This table stores backup copy of portlet_types.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	CREATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
PORTLET_TYPE_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
VALID_FROM_DATE	NOT NULL	DATE	Date and time when the portlet definition was changed that would have caused propagation
PORTLET_TYPE_NAME	NOT NULL	VARCHAR2(80)	Name of the portlet
DESCRIPTION	NULLABLE	VARCHAR2(400)	Description of the portlet
PORTLET_CATEGORY	NULLABLE	VARCHAR2(80)	User defined category for the portlet
PORTLET_URL	NOT NULL	VARCHAR2(200)	Relative URL location from the dashboard home for a portlet of this type
PORTLET_MAX_URL	NULLABLE	VARCHAR2(200)	Relative URL location from the dashboard home for the max page of a portlet of this type

Column Name	Null?	Data Type	Description
PORTLET_ FILTER_URL	NULLABLE	VARCHAR2(200)	Relative URL location from the dashboard home for the filter page of a portlet of this type
PORTLET_ ARRANGE_ DATA_URL	NULLABLE	VARCHAR2(200)	Relative URL location from the dashboard home for the arrange data page of a portlet of this type
PRODUCT_ SCOPE_TYPE	NOT NULL	VARCHAR2(30)	Defines what product does this portlet belong to
EDITABLE_FLAG	NOT NULL	VARCHAR2(1)	A flag to indicate whether an instance of this portlet type is editable
MAXIMIZABLE_ FLAG	NOT NULL	VARCHAR2(1)	A flag to indicate whether an instance of this portlet type is maximizable
SINGLE_ INSTANCE_FLAG	NOT NULL	VARCHAR2(1)	A flag to indicate whether only one instance of the portlet type is allowed per user
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	A flat to indicate whether this portlet type is enabled to be instantiated
DISPLAY_ CONFIGURABLE _FLAG	NOT NULL	VARCHAR2(1)	Internal field, defines if the portlet columns can be configured in portlet builder
FILTER_ CONFIGURABLE _FLAG	NOT NULL	VARCHAR2(1)	Internal field, defines if the portlet filter fields be configured in portlet builder
RESTRICT_ ACCESS_FLAG	NOT NULL	VARCHAR2(1)	If the value is Y, the portlet security checks are made
FILTERABLE_ FLAG	NOT NULL	VARCHAR2(1)	Internal field for backwards compatibility. Defines if the portlet data can be filtered.
REQUIRE_ PERSONALIZATI ON_FLAG	NOT NULL	VARCHAR2(1)	Defines if the user should be forced to personalize the portlet (first time only) before viewing the data
BASE_SELECT_ CLAUSE	NULLABLE	CLOB	Default SELECT clause of the query that is used to load the data for this portlet

Column Name	Null?	Data Type	Description
BASE_FROM_ CLAUSE	NULLABLE	VARCHAR2(4000)	Default FROM clause of the query that is used to load the data for this portlet
BASE_WHERE_ CLAUSE	NULLABLE	CLOB	Default WHERE clause of the query that is used to load the data for this portlet
BASE_ORDER_ BY_CLAUSE	NULLABLE	VARCHAR2(4000)	Default ORDER_BY clause of the query that is used to load the data for this portlet
BASE_GROUP_ BY_CLAUSE	NULLABLE	VARCHAR2(4000)	Default GROUP_BY clause of the query that is used to load the data for this portlet
BASE_HAVING_ CLAUSE	NULLABLE	VARCHAR2(4000)	Default HAVING clause of the query that is used to load the data for this portlet
DEFAULT_TITLE	NOT NULL	VARCHAR2(80)	Default title given to new instances of this portlet type
DEFAULT_WIDTH	NOT NULL	NUMBER	Default width, narrow or wide, of this portlet type
DEFAULT_MAX_ ROWS	NULLABLE	NUMBER	Default maximum number of rows displayed in a portlet of this type
LAYOUT_TYPE_ CODE	NOT NULL	VARCHAR2(30)	Layout type, table or form, of this portlet type
DEFAULT_ LAYOUT_SET_ID	NULLABLE	NUMBER	ID of the default layout set, usually column set, for this portlet type
DEFAULT_ PERSON_ VALUE_SET_ID	NULLABLE	NUMBER	ID of the default personalization value set for this portlet type
CLASS_OF_ DATA_CAPSULE	NOT NULL	VARCHAR2(200)	Java class of the capsule used by this portlet type
ENTITY_LAST_ UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated

Column Name	Null?	Data Type	Description
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, and so on)
SOURCE	NULLABLE	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.
TIMEOUT	NULLABLE	NUMBER	Time in seconds after which the portlet query will be timed out
PARAM_JSP_URL	NULLABLE	VARCHAR2(200)	Parameters that are passed to the Java Server Page URL for the portlet to be displayed properly
CONTROLLER_CLASS	NULLABLE	VARCHAR2(200)	Java controller class for the portlet
DRILL_DOWN_SELECT_CLAUSE	NULLABLE	VARCHAR2(2000)	SQL Select clause for drill down functionality for the portlet
LIMIT_RESULTS_FLAG	NOT NULL	VARCHAR2(1)	Flag that determines if the portlet has a limit on the number of results
PAGEABLE_FLAG	NOT NULL	VARCHAR2(1)	Flag that determines whether the portlet is able to maximize to a full page

Column Name	Null?	Data Type	Description
DEFAULT_MAX_PAGE_MAX_ROWS	NULLABLE	NUMBER	Default maximum pages and maximum rows for the portlet
USE_BIND_VARIABLES_FLAG	NOT NULL	VARCHAR2(1)	If this flag is set to Yes, the portlet sql will use the bind variables. This makes the sql run faster, in most cases this should be set to Yes. There are cases in which this has to be set to No for the sql to work.
DATA_SOURCE_TYPE_CODE	NOT NULL	VARCHAR2(30)	the type of data source, currently SQL

Indexes

This table uses no indexes.

Sequences

This table uses no sequences.

KNTA_PORTLETS

This table stores a row for each instance of a portlet type. This table stores both seeded rows for default portlets and dynamic rows on demand. The first time a user personalizes a page, edits a portlet on the page, or deletes a portlet from the page, the default rows of the page are duplicated for the user. After that, if the user deletes a portlet, the corresponding row will be deleted. The user will never be able to delete the seeded rows using the application.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_PERSONALIZATION_VALUES	PERSONALIZATION_VALUE_SET_ID	PERSONALIZATION_VALUE_SET_ID
KNTA_PORTLET_COLUMNS	PORTLET_COLUMN_SET_ID	PORTLET_COLUMN_SET_ID
KNTA_PORTLET_TYPES	PORTLET_TYPE_ID	PORTLET_TYPE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
PORTLET_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
PORTLET_TYPE_ID	NOT NULL	NUMBER	Portlet type of this portlet
USER_PAGE_TAB_ID	NOT NULL	NUMBER	Page and the tab that his portlet belongs to for a user

Column Name	Null?	Data Type	Description
PARAMETER_ SET_CONTEXT_ID	NULLABLE	NUMBER	Parameter set context ID for the filter fields
WIDTH	NOT NULL	NUMBER	Width of this portlet type (1 = narrow or 2 = wide)
TITLE	NOT NULL	VARCHAR2(80)	User-defined title of this portlet
SECTION	NOT NULL	NUMBER	Section number of the page (starting from 1) that this portlet sits on
ROW_IN_ SECTION	NOT NULL	NUMBER	Row number in the section (starting from 1) that this portlet sits on
MAX_ROWS	NULLABLE	NUMBER	Maximum number of rows to be displayed. This will be part of the WHERE clause, but we have a separate column for it so that it can be easily changed by consultants, configurators, and so on, either in SQL*Plus or through a screen in a future release.
PERSONALIZATIO N_VALUE_SET_ID	NULLABLE	NUMBER	Identifies the set of personalization values for this portlet. See table KNTA_ PERSONALIZATION_ VALUES.
PERSON_VALUE_ SET_CHANGED_ FLAG	NOT NULL	VARCHAR2(1)	Whether this portlet has be personalized by the user
PORTLET_ COLUMN_SET_ID	NULLABLE	NUMBER	If this portlet's type has the layout type "TABLE" this should reference the portlet_ column_set_id from KNTA_ PORTLET_COLUMNS.
PORTLET_COL_ SET_CHANGED_ FLAG	NULLABLE	VARCHAR2(1)	Whether the user has personalized the columns in the portlet

Column Name	Null?	Data Type	Description
SELECT_CLAUSE	NULLABLE	CLOB	SELECT clause of the query that is used to load the data for this portlet
FROM_CLAUSE	NULLABLE	VARCHAR2(4000)	FROM clause of the query that is used to load the data for this portlet
WHERE_CLAUSE	NULLABLE	CLOB	WHERE clause of the query that is used to load the data for this portlet
ORDER_BY_ CLAUSE	NULLABLE	VARCHAR2(4000)	ORDER BY clause of the query that is used to load the data for this portlet
GROUP_BY_ CLAUSE	NULLABLE	VARCHAR2(4000)	GROUP BY clause of the query that is used to load the data for this portlet
HAVING_CLAUSE	NULLABLE	VARCHAR2(4000)	HAVING clause of the query that is used to load the data for this portlet
INVALID_FLAG	NULLABLE	VARCHAR2(1)	Flag that determines if the portlet is invalid
MAX_PAGE_MAX_ ROWS	NULLABLE	NUMBER	Value that determines the maximum pages and maximum rows displayed by the portlet

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_PORTLETS_N1	NONUNIQUE	1	USER_PAGE_ TAB_ID
KNTA_PORTLETS_N2	NONUNIQUE	1	PORTLET_TYPE_ ID
KNTA_PORTLETS_U1	UNIQUE	1	PORTLET_ID

Sequences

Sequence Name	Sequence Type
KNTA_PORTLETS_S	PORTLET_ID

KNTA_PREPARED_COMMAND_STEPS

This table stores the actual execution steps after the steps are parsed and special commands have been expanded. The commands may contain runtime tokens that will be parsed only at runtime.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_PREPARED_ COMMANDS	PREPARED_ COMMAND_ID	PREPARED_ COMMAND_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
PREPARED_ COMMAND_ STEP_ID	NOT NULL	NUMBER	System-generated identifier
PREPARED_ COMMAND_ID	NOT NULL	NUMBER	Identifier for the prepared command to which this step belongs
SEQ	NOT NULL	NUMBER	Sequence in which the command steps will be executed
COMMAND	NULLABLE	VARCHAR2(4000)	Actual command that will be executed
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
PREPARED_ SPECIAL_ COMMAND_ID	NULLABLE	NUMBER	Identifier for the prepared special command to which this step belongs

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_PREPARED_ COMMAND_STEPS_N1	NONUNIQUE	1	PREPARED_ COMMAND_ID
KNTA_PREPARED_ COMMAND_STEPS_U1	UNIQUE	1	PREPARED_ COMMAND_STEP_ID

Sequences

Sequence Name	Sequence Type
KNTA_PREPARED_ COMMAND_STEPS_S	PREPARED_COMMAND_ STEP_ID

KNTA_PREPARED_COMMANDS

This table stores the commands that have been parsed and are ready for execution. Runtime tokens cannot be parsed prior to execution. These conditions are stored in this table and can be evaluated by Command Execution Engine during execution. For each row in the KNTA_COMMANDS table, there is one row in this table for a given command provided the command condition is true or can only be determined at run-time.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_COMMANDS	COMMAND_ID	COMMAND_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
PREPARED_COMMAND_ID	NOT NULL	NUMBER	System-generated identifier
GROUP_ID	NOT NULL	NUMBER	System-generated group identifier
SEQ	NOT NULL	NUMBER	Sequence in which the commands are executed
CONDITION	NULLABLE	VARCHAR2(4000)	Contains the parsed command condition to be evaluated at run-time. This field is blank for conditions that have been evaluated to true at time of parsing.
COMMAND_ID	NOT NULL	NUMBER	Identifier for the command that is being parsed
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record

Column Name	Null?	Data Type	Description
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_PREPARED_COMMANDS_N1	NONUNIQUE	1	GROUP_ID
KNTA_PREPARED_COMMANDS_U1	UNIQUE	1	PREPARED_COMMAND_ID

Sequences

Sequence Name	Sequence Type
KNTA_EXEC_GROUP_IDS_S	GROUP_ID
KNTA_PREPARED_COMMANDS_S	PREPARED_COMMAND_ID

KNTA_PRODUCTS

This table stores information about which products are available in PPM Center. New products will each have their own entry. The PRODUCT VECTOR is a bit flag that shares a name space with KNTA_ACCESS_GRANTS.ACCESS_GRANT_VECTOR. It is important that these not be changed.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
PRODUCT_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
PRODUCT_NAME	NOT NULL	VARCHAR2(80)	
PRODUCT_KEY	NOT NULL	NUMBER	
TEMP_NUM_LICENSE	NULLABLE	NUMBER	
TEMP_EXPIRATION_DATE	NULLABLE	DATE	
PRODUCT_DESCRIPTION	NULLABLE	VARCHAR2(200)	
DEFINITION_LANGUAGE	NOT NULL	VARCHAR2(40)	
REFERENCE_CODE	NOT NULL	VARCHAR2(200)	

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_PRODUCTS_U1	UNIQUE	1	PRODUCT_ID
SYS_C005198741	UNIQUE	1	REFERENCE_ CODE

Sequences

This table uses no sequences.

KNTA_REF_RELATIONSHIPS

This table stores the list of possible relationships available for each supported source-entity-to-target-entity combinations. It also contains the reverse relationship information where it is applicable.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_ENTITIES_NLS	ENTITY_ID	ENTITY_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_REF_ RELATIONSHIPS_NLS	REF_RELATIONSHIP_ID	REVERSE_ RELATIONSHIP_ID

Column Descriptions

Column Name	Null?	Data Type	Description
REF_ RELATIONSHIP_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
RELATIONSHIP_ NAME	NOT NULL	VARCHAR2(80)	Relationship for this source-to-target entity type combination
ENTITY_ID	NOT NULL	NUMBER	Entity type of the source entity
TARGET_TYPE_ CODE	NOT NULL	VARCHAR2(30)	Entity type of the target entity

Column Name	Null?	Data Type	Description
RELATIONSHIP_ DESCRIPTION	NULLABLE	VARCHAR2(240)	Description of the relationship name defined when a relationship is being displayed. It contains tokens [SOURCE_ID] and [TARGET_ID] to be replaced by the system to show the relevant information for the source and target entity
CREATION_ DESCRIPTION	NULLABLE	VARCHAR2(240)	Description of the relationship name when the relationship is being created. It contains tokens [SOURCE_ID] and [TARGET_ID] to be replaced by the system to show the relevant information for the source and target entity
REVERSE_ RELATIONSHIP_ID	NULLABLE	NUMBER	A reference to this table for its reverse relationship information if applicable
REL_BEHAVIOR_ CODE	NOT NULL	VARCHAR2(30)	Categorizes the type of relationship between the source entity and target entity (for example, informational)
READ_ONLY_FLAG	NOT NULL	VARCHAR2(1)	Y or N flag to indicate if the relationship could be modified or deleted
SHOW_TARGET_ TYPE_FLAG	NOT NULL	VARCHAR2(1)	Y or N flag to indicate whether the relationship is allowed to be used by user to create such relationship. This flag is for internal use.
DEFINITION_ LANGUAGE	NOT NULL	VARCHAR2(40)	Definition language

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_REF_RELATIONSHIPS_U1	UNIQUE	1	REF_RELATIONSHIP_ID

Sequences

This table uses no sequences.

KNTA_REFERENCES

This table stores the actual References created. It contains the full information of the source and the target of the reference added and its relationship.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	PARAMETER_SET_CONTEXT_ID
KNTA_REF_RELATIONSHIPS_NLS	REF_RELATIONSHIP_ID	REF_RELATIONSHIP_ID
KNTA_REFERENCES	REFERENCE_ID	REVERSE_REFERENCE_ID
KNTA_ENTITIES_NLS	ENTITY_ID	SOURCE_ENTITY_ID
PM_PROJECTS	PROJECT_ID	SOURCE_ID
KCRT_REQUESTS	REQUEST_ID	SOURCE_ID
KDLV_PACKAGES	PACKAGE_ID	SOURCE_ID
KREL_RELEASES	RELEASE_ID	SOURCE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
REFERENCE_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
TARGET_TYPE_CODE	NOT NULL	VARCHAR2(30)	Entity ID of the target reference type
REF_RELATIONSHIP_ID	NULLABLE	NUMBER	Relationship ID of this reference

Column Name	Null?	Data Type	Description
SOURCE_ENTITY_ID	NOT NULL	NUMBER	Entity ID of the entity that owns this reference
SOURCE_ID	NOT NULL	NUMBER	ID of the source entity member
ORIGINAL_SOURCE_ID	NOT NULL	NUMBER	Originating source entity member ID
REVERSE_REFERENCE_ID	NULLABLE	NUMBER	A reference to this table for its reverse reference row if it exists
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flag that determines whether this reference is enabled/in-effect
PARAMETER_SET_CONTEXT_ID	NULLABLE	NUMBER	Set Context ID used to tell what fields to show in the dynamic panel
PARAMETER1-20	NULLABLE	VARCHAR2(200)	Target entity member ID
VISIBLE_PARAMETER1-20	NULLABLE	VARCHAR2(200)	Target reference name
OVERRIDE_CODE	NULLABLE	VARCHAR2(30)	Indicates whether a dependent reference has been overridden or not, and if so, the source of the override (user or system)

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_REFERENCES_N1	NONUNIQUE	1	SOURCE_ENTITY_ID
KNTA_REFERENCES_N1	NONUNIQUE	2	SOURCE_ID
KNTA_REFERENCES_N2	NONUNIQUE	1	REF_RELATIONSHIP_ID
KNTA_REFERENCES_N3	NONUNIQUE	1	SOURCE_ID
KNTA_REFERENCES_N4	NONUNIQUE	1	ORIGINAL_SOURCE_ID
KNTA_REFERENCES_U1	UNIQUE	1	REFERENCE_ID

Sequences

Sequence Name	Sequence Type
KNTA_REFERENCES_S	REFERENCE_ID

KNTA_REFRESH_GROUPS

This is a staging table used by the Environment Refresh process. It stores one record for each environment refresh run.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KENV_ENVIRONMENTS	ENVIRONMENT_ID	REFRESHED_ENV_ID
KNTA_USERS	USER_ID	CREATED_BY
KENV_ENVIRONMENTS	ENVIRONMENT_ID	FROM_ENV_ID
KNTA_PARAMETER_ SET_CONTEXTS	PARAMETER_SET_ CONTEXT_ID	USER_DATA_SET_ CONTEXT_ID

Column Descriptions

Column Name	Null?	Data Type	Description
REFRESH_ GROUP_ID	NULLABLE	NUMBER	System-generated identifier
REFRESH_ GROUP_NAME	NULLABLE	VARCHAR2(80)	User given name for the refresh run
CREATION_DATE	NULLABLE	DATE	Date record was created
CREATED_BY	NULLABLE	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NULLABLE	DATE	Date record was last updated
LAST_UPDATED_ BY	NULLABLE	NUMBER	Identifier for the user who last updated the record
ENTITY_LAST_ UPDATE_DATE	NULLABLE	DATE	Date a record in the entity was last updated
REFRESHED_ ENV_ID	NULLABLE	NUMBER	Identifier for the Environment which was refreshed
FROM_ENV_ID	NULLABLE	NUMBER	Identifier for the Environment from where the refresh was done

Column Name	Null?	Data Type	Description
STATUS_CODE	NULLABLE	VARCHAR2(30)	Status of the refresh (OPEN/CLOSED)
USER_DATA_SET_CONTEXT_ID	NULLABLE	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1-20	NULLABLE	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA1-20	NULLABLE	VARCHAR2(200)	User data segment

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_REFRESH_GROUPS_N1	NONUNIQUE	1	REFRESHED_ENV_ID
KNTA_REFRESH_GROUPS_N1	NONUNIQUE	2	FROM_ENV_ID
KNTA_REFRESH_GROUPS_N2	NONUNIQUE	1	FROM_ENV_ID
KNTA_REFRESH_GROUPS_N2	NONUNIQUE	2	REFRESHED_ENV_ID
KNTA_REFRESH_GROUPS_U1	UNIQUE	1	REFRESH_GROUP_ID

Sequences

Sequence Name	Sequence Type
KNTA_REFRESH_GROUPS_S	REFRESH_GROUP_ID

KNTA_REFRESH_LINE_DETAILS

This is a staging table used by the Environment Refresh Process. It stores exception messages for specific request lines.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_REFRESH_LINES	REFRESH_LINE_ID	REFRESH_LINE_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_REFRESH_GROUPS	REFRESH_GROUP_ID	REFRESH_GROUP_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
REFRESH_LINE_DETAIL_ID	NULLABLE	NUMBER	System-generated identifier
REFRESH_GROUP_ID	NULLABLE	NUMBER	Identifier for the refresh group to which this message belongs
REFRESH_LINE_ID	NULLABLE	NUMBER	Identifier for the refresh line to which this message belongs
CREATION_DATE	NULLABLE	DATE	Date record was created
CREATED_BY	NULLABLE	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NULLABLE	DATE	Date record was last updated
LAST_UPDATED_BY	NULLABLE	NUMBER	Identifier for the user who last updated the record
DETAIL_TEXT	NULLABLE	VARCHAR2(2000)	Exception message

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_REFRESH_ LINE_DETAILS_N1	NONUNIQUE	1	REFRESH_ GROUP_ID
KNTA_REFRESH_ LINE_DETAILS_N1	NONUNIQUE	2	REFRESH_LINE_ ID
KNTA_REFRESH_ LINE_DETAILS_U1	UNIQUE	1	REFRESH_LINE_ DETAIL_ID

Sequences

Sequence Name	Sequence Type
KNTA_REFRESH_LINE_DETAILS_S	REFRESH_LINE_DETAIL_ID

KNTA_REFRESH_LINES

This is a staging table for the Environment Refresh process. It stores each request line that qualifies under the refresh logic.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KWFL_WORKFLOW_STEPS_NLS	WORKFLOW_STEP_ID	FROM_STEP_ID
KWFL_STEP_TRANSACTIONS	STEP_TRANSACTION_ID	FROM_STEP_TRANSACTION_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KDLV_PACKAGES	PACKAGE_ID	PACKAGE_ID
KDLV_PACKAGE_LINES	PACKAGE_LINE_ID	PACKAGE_LINE_ID
KNTA_REFRESH_GROUPS	REFRESH_GROUP_ID	REFRESH_GROUP_ID
KWFL_WORKFLOW_STEPS_NLS	WORKFLOW_STEP_ID	TO_STEP_ID
KWFL_WORKFLOWS_NLS	WORKFLOW_ID	WORKFLOW_ID
KWFL_WORKFLOW_INSTANCES	WORKFLOW_INSTANCE_ID	WORKFLOW_INSTANCE_ID
KWFL_WORKFLOW_INSTANCE_STEPS	WORKFLOW_INSTANCE_STEP_ID	WORKFLOW_INSTANCE_STEP_ID

Column Descriptions

Column Name	Null?	Data Type	Description
REFRESH_GROUP_ID	NULLABLE	NUMBER	Refresh Group to which this line belongs
REFRESH_LINE_ID	NULLABLE	NUMBER	System-generated identifier
CREATION_DATE	NULLABLE	DATE	Date record was created
CREATED_BY	NULLABLE	NUMBER	Identifier for the user who created the record

Column Name	Null?	Data Type	Description
LAST_UPDATE_ DATE	NULLABLE	DATE	Date record was last updated
LAST_UPDATED_BY	NULLABLE	NUMBER	Identifier for the user who last updated the record
SOURCE_CODE	NULLABLE	VARCHAR2(30)	Source for the line (MANUAL, DERIVED)
PACKAGE_ID	NULLABLE	NUMBER	Identifier for the Package
PACKAGE_LINE_ID	NULLABLE	NUMBER	Identifier for the Package Line
WORKFLOW_ID	NULLABLE	NUMBER	Identifier for the Workflow to which the Package Line belongs
WORKFLOW_ INSTANCE_ID	NULLABLE	NUMBER	Identifier for the workflow instance
WORKFLOW_ INSTANCE_STEP_ID	NULLABLE	NUMBER	Identifier for the workflow instance step
FROM_STEP_ID	NULLABLE	NUMBER	Identifier for the workflow step that was eligible before refresh
FROM_STEP_ TRANSACTION_ID	NULLABLE	NUMBER	Identifier for the workflow step transaction that was eligible before refresh
TO_STEP_ID	NULLABLE	NUMBER	Identifier for the workflow step that will be eligible after refresh
STATUS_CODE	NULLABLE	VARCHAR2(30)	Refresh status for the line (PENDING, COMPLETED, EXCLUDE)

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_REFRESH_LINES_N1	NONUNIQUE	1	PACKAGE_ID
KNTA_REFRESH_LINES_N1	NONUNIQUE	2	PACKAGE_LINE_ID
KNTA_REFRESH_LINES_N2	NONUNIQUE	1	PACKAGE_LINE_ID

Index Name	Index Type	Sequence	Column Name
KNTA_REFRESH_LINES_N2	NONUNIQUE	2	PACKAGE_ID
KNTA_REFRESH_LINES_U1	UNIQUE	1	REFRESH_GROUP_ID
KNTA_REFRESH_LINES_U1	UNIQUE	2	REFRESH_LINE_ID

Sequences

Sequence Name	Sequence Type
KNTA_REFRESH_LINES_S	REFRESH_LINE_ID

KNTA_REGIONS

This table stores information about the available regions.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
ITG_CALENDAR	CALENDAR_ID	CALENDAR_ID
KDRV_CALENDARS	CALENDAR_ID	CALENDAR_ID
KNTA_USERS	USER_ID	CREATED_BY
KCST_CURRENCIES_ NLS	CURRENCY_ID	CURRENCY_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
REGION_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
REGION_NAME	NOT NULL	VARCHAR2(100)	
DESCRIPTION	NULLABLE	VARCHAR2(200)	
CALENDAR_ID	NOT NULL	NUMBER	
CURRENCY_ID	NOT NULL	NUMBER	
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	
ENTITY_LAST_ UPDATE_DATE	NULLABLE	DATE	Date a record in the entity was last updated

Column Name	Null?	Data Type	Description
VERSION	NOT NULL	NUMBER	
DEFINITION_ LANGUAGE	NOT NULL	VARCHAR2(40)	
REFERENCE_ CODE	NOT NULL	VARCHAR2(200)	

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_REGIONS_N1	NONUNIQUE	1	CURRENCY_ID
KNTA_REGIONS_N2	NONUNIQUE	1	CALENDAR_ID
KNTA_REGIONS_U1	UNIQUE	1	REGION_ID
KNTA_REGIONS_U2	UNIQUE	1	REGION_NAME
SYS_C005198784	UNIQUE	1	REFERENCE_ CODE

Sequences

This table uses no sequences.

KNTA_REPORT_NOTIF_OUTPUT

This table stores details about notifications in a format suitable to be included in a report. The details are broken into lines that do not exceed 4000 characters. This is necessary since the notification details are stored in a CLOB column and could not otherwise be reported upon.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
REPORT_ID	NULLABLE	NUMBER	An identifier for the report containing the notifications
LINE_NUM	NULLABLE	NUMBER	A number used to order the lines
LINE_TEXT	NULLABLE	VARCHAR2(4000)	A line of notification text

Indexes

This table uses no indexes.

Sequences

This table uses no sequences.

KNTA_REPORT_OUTPUT

This is a temporary table used by PPM Center to store the formatted text of its standard reports.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
REPORT_ID	NULLABLE	NUMBER	System-generated identifier
LINE_NUM	NULLABLE	NUMBER	Line number of the report line
LINE_TEXT	NULLABLE	VARCHAR2(2000)	Actual text for the report line

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_REPORT_OUTPUT_N1	NONUNIQUE	1	REPORT_ID
KNTA_REPORT_OUTPUT_N1	NONUNIQUE	2	LINE_NUM

Sequences

Sequence Name	Sequence Type
KNTA_REPORTS_S	REPORT_ID

KNTA_REPORT_SUBMISSIONS

This table stores the information about the report that a user submits for execution. A report submissions includes the report you are running along with any parameters for the report and scheduling information.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	PARAMETER_SET_CONTEXT_ID
KNTA_REPORT_TYPES_NLS	REPORT_TYPE_ID	REPORT_TYPE_ID
KWFL_WORKFLOWS_NLS	WORKFLOW_ID	WORKFLOW_ID

Column Descriptions

Column Name	Null?	Data Type	Description
REPORT_SUBMISSION_ID	NOT NULL	NUMBER	System-generated identifier
REPORT_TYPE_ID	NOT NULL	NUMBER	Report type identifier for this report submission
REPEAT_FLAG	NOT NULL	VARCHAR2(1)	Whether the report is scheduled for periodic executions
SCHEDULED_TIME	NULLABLE	DATE	Date/time when the report should run
REPEAT_UNTIL_DATE	NULLABLE	DATE	Date/time when the recurrence ends
RECURRENCE_PATTERN_CODE	NULLABLE	VARCHAR2(30)	Hours, days, weeks, and so on. A knta_lookup type
REPEAT_FREQUENCY	NULLABLE	NUMBER	How often the report needs to run repeatedly
STATUS_CODE	NOT NULL	VARCHAR2(30)	Status of the report (running, failed, completed, scheduled)

Column Name	Null?	Data Type	Description
WORKFLOW_ID	NOT NULL	NUMBER	Workflow identifier for the report submission. This ha the same value for all reports
PARAMETER_ SET_CONTEXT_ID	NULLABLE	NUMBER	Foreign key to table knta_ parameter_set_contexts
PARAMETER1-45	NULLABLE	VARCHAR2(200)	Report submission parameter for internal use
VISIBLE_ PARAMETER1-45	NULLABLE	VARCHAR2(200)	Report submission parameter for display purpose
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
ENTITY_LAST_ UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
REPORT_NAME	NULLABLE	VARCHAR2(100)	Filename of the HTML report
RELEASE_DATE	NULLABLE	DATE	Date when report is release to run; required by workflow engine
PARAMETER46-50	NULLABLE	VARCHAR2(4000)	Report submission parameter for internal use
VISIBLE_ PARAMETER46-50	NULLABLE	VARCHAR2(4000)	Report submission parameter for display purpose
SIMPLE_ NOTIFICATION_ID	NULLABLE	NUMBER	A reference to the system controlled notification if the user has enabled it on a report
SUBMISSION_ LANGUAGE	NULLABLE	VARCHAR2(40)	

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_REPORT_ SUBMISSIONS_N1	NONUNIQUE	1	REPORT_TYPE_ ID
KNTA_REPORT_ SUBMISSIONS_U1	UNIQUE	1	REPORT_ SUBMISSION_ID

Sequences

Sequence Name	Sequence Type
KNTA_REPORT_ SUBMISSIONS_S	REPORT_ SUBMISSION_ID

KNTA_REPORT_TYPES

This table stores the definition of each report type that can be submitted in the report screen.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
REPORT_TYPE_ ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
ENTITY_LAST_ UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
REPORT_TYPE_ NAME	NOT NULL	VARCHAR2(150)	
DESCRIPTION	NULLABLE	VARCHAR2(400)	
REQUIRE_ LICENSE_CODE	NOT NULL	VARCHAR2(200)	
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	
REPORT_VIEW_ ACCESS_CODE	NOT NULL	VARCHAR2(30)	
RESTRICT_ NEW_FLAG	NOT NULL	VARCHAR2(1)	
REPORT_ CATEGORY_ CODE	NOT NULL	VARCHAR2(200)	

Column Name	Null?	Data Type	Description
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(30)	
SOURCE	NULLABLE	VARCHAR2(100)	
DEFINITION_LANGUAGE	NOT NULL	VARCHAR2(40)	
REFERENCE_CODE	NOT NULL	VARCHAR2(200)	

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_REPORT_TYPES_N1	NONUNIQUE	1	REQUIRE_LICENSE_CODE
KNTA_REPORT_TYPES_N2	NONUNIQUE	1	REPORT_CATEGORY_CODE
KNTA_REPORT_TYPES_U1	UNIQUE	1	REPORT_TYPE_ID
KNTA_REPORT_TYPES_U2	UNIQUE	1	REPORT_TYPE_NAME
SYS_C00109352974	UNIQUE	1	REFERENCE_CODE

Sequences

This table uses no sequences.

KNTA_RESOLVED_SEC_TOKENS

This table stores workflow dynamic security which is derived by evaluating a token. The data for a token can change based on Request Data (for example) and is evaluated and stored into this table so that security queries can run efficiently without evaluating tokens in real-time.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_SECURITY_ GROUPS_NLS	SECURITY_GROUP_ID	SECURITY_GROUP_ID
KNTA_USERS	USER_ID	USER_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_ENTITIES_NLS	ENTITY_ID	ENTITY_ID

Column Descriptions

Column Name	Null?	Data Type	Description
RESOLVED_ SEC_TOKEN_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_ DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_ UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
ENTITY_ PRIMARY_KEY	NOT NULL	NUMBER	Primary ID of the entity, for example the REQUEST_ID if the ENTITY_ID corresponds to a request
ENTITY_ID	NOT NULL	NUMBER	ID of the entity associated with the workflow, for example the Request Entity ID of 20 defined in KNTA_ENTITIES

Column Name	Null?	Data Type	Description
SECURITY_ TYPE_CODE	NOT NULL	VARCHAR2(80)	Either USER_ID or SECURITY_ GROUP_ID associated with the TOKEN.
SECURITY_ GROUP_ID	NULLABLE	NUMBER	If the SECURITY_TYPE_CODE is SECURITY_GROUP_ID, will store the ID of the Security Group that token was evaluated to.
USER_ID	NULLABLE	NUMBER	If the SECURITY_TYPE_CODE is USER_UD, will store the ID of the User that the token evaluated to.
OBSOLETE_ FLAG	NULLABLE	VARCHAR2(3)	Determines whether the record is obsolete (Y/N)
TOKEN	NULLABLE	VARCHAR2(80)	Name of the token that was setup for workflow security

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_RESOLVED_SEC_ TOKENS_N2	NONUNIQUE	1	ENTITY_PRIMARY_ KEY
KNTA_RESOLVED_SEC_ TOKENS_N2	NONUNIQUE	2	ENTITY_ID
KNTA_RESOLVED_SEC_ TOKENS_N2	NONUNIQUE	3	TOKEN
KNTA_RESOLVED_SEC_ TOKENS_N2	NONUNIQUE	4	SECURITY_ GROUP_ID
KNTA_RESOLVED_SEC_ TOKENS_N3	NONUNIQUE	1	USER_ID
KNTA_RESOLVED_SEC_ TOKENS_N4	NONUNIQUE	1	SECURITY_ GROUP_ID
KNTA_RESOLVED_SEC_ TOKENS_U1	UNIQUE	1	RESOLVED_SEC_ TOKEN_ID

Sequences

Sequence Name	Sequence Type
KNTA_RESOLVED_SEC_TOKENS_S	RESOLVED_SEC_TOKEN_ID

KNTA_RESULT_COLUMNS

This table stores the columns a user has selected to be displayed in the results of either a search or a portlet.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KRML_PARAMETER_SET_FLDS_COPY	PARAMETER_SET_FIELD_ID	PARAMETER_SET_FIELD_ID
KNTA_PARAM_SET_FIELDS_NLS	PARAMETER_SET_FIELD_ID	PARAMETER_SET_FIELD_ID
KCRT_REQUEST_SEARCH_COLUMNS	REQUEST_SEARCH_COLUMN_ID	PARENT_ID
KNTA_PORTLETS	PORTLET_ID	PARENT_ID

Column Descriptions

Column Name	Null?	Data Type	Description
RESULT_COLUMN_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
PARAMETER_SET_FIELD_ID	NULLABLE	NUMBER	Identifier for the parameter set field associated with this column
TOKEN	NOT NULL	VARCHAR2(1000)	Search token name
PROMPT	NULLABLE	VARCHAR2(1000)	Displayed name of the column
SEQ	NOT NULL	NUMBER	Sequence number, used to order the columns

Column Name	Null?	Data Type	Description
PARENT_TYPE_CODE	NOT NULL	VARCHAR2(40)	Indicates the parent of the column (that is kcrt_request_search_columns or knta_portlets)
PARENT_ID	NOT NULL	NUMBER	Identifier for the parent (that is, kcrt_request_search_column_id or portlet_id)
PIXEL_WIDTH	NULLABLE	NUMBER	Width of the column in pixels
SORT_DATA_TYPE	NOT NULL	VARCHAR2(30)	Indicates how data should be typed during sort operations
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, and so on)
SOURCE	NULLABLE	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_RESULT_COLUMNS_N1	NONUNIQUE	1	PARENT_ID
KNTA_RESULT_COLUMNS_N1	NONUNIQUE	2	PARENT_TYPE_CODE
KNTA_RESULT_COLUMNS_U1	UNIQUE	1	RESULT_COLUMN_ID

Sequences

Sequence Name	Sequence Type
KNTA_RESULT_COLUMNS_S	RESULT_COLUMN_ID

KNTA_SAVED_SEARCH_FILTERS

This table stores the conditions for the saved searches, one row for each search condition.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_SAVED_ SEARCHES	SAVED_SEARCH_ID	SAVED_SEARCH_ID

Column Descriptions

Column Name	Null?	Data Type	Description
SAVED_SEARCH_ FILTER_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
SAVED_SEARCH_ID	NOT NULL	NUMBER	Saved search this filter is for
FILTER_NAME	NOT NULL	VARCHAR2(40)	Name of the filter
FILTER_HIDDEN_ VALUE	NOT NULL	VARCHAR2(4000)	Hidden value for the filter
FILTER_VISIBLE_ VALUE	NOT NULL	VARCHAR2(4000)	Visible value for the filter

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_SAVED_SEARCH_FILTERS_N1	NONUNIQUE	1	SAVED_SEARCH_ID
KNTA_SAVED_SEARCH_FILTERS_U1	UNIQUE	1	SAVED_SEARCH_FILTER_ID

Sequences

Sequence Name	Sequence Type
KNTA_SAVED_SEARCH_FILTERS_S	SAVED_SEARCH_FILTER_ID

KNTA_SAVED_SEARCH_TYPES

This table stores one record for each saved search type supported by PPM Center. This table stores the details of which JSP pages should be used for getting the parameters for the search and displaying the search results.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_ENTITIES_NLS	ENTITY_ID	ENTITY_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
SAVED_SEARCH_TYPE_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
ENTITY_ID	NOT NULL	NUMBER	ID of the entity being searched for
SEARCH_JSP	NOT NULL	VARCHAR2(200)	URL for the search page jsp
RESULT_JSP	NOT NULL	VARCHAR2(200)	URL for the result page jsp
SEARCH_TYPE_NAME	NULLABLE	VARCHAR2(80)	Name of the search type

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_SAVED_ SEARCH_TYPES_U1	UNIQUE	1	SAVED_SEARCH_ TYPE_ID

Sequences

This table uses no sequences.

KNTA_SAVED_SEARCHES

This table stores all the saved searches.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_ENTITIES_NLS	ENTITY_ID	ENTITY_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_SEARCH_ CATEGORIES	SEARCH_CATEGORY_ID	SEARCH_CATEGORY_ID
KNTA_SAVED_ SEARCH_TYPES	SAVED_SEARCH_TYPE_ID	SEARCH_TYPE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
SAVED_ SEARCH_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
SAVED_ SEARCH_NAME	NOT NULL	VARCHAR2(80)	Name of the saved search
SEARCH_ CATEGORY_ID	NOT NULL	NUMBER	ID of the category to be searched
SEQ	NOT NULL	NUMBER	Order of the search in the category
ENTITY_ID	NOT NULL	NUMBER	ID of the entity being searched for
SEARCH_TYPE_ ID	NOT NULL	NUMBER	ID of the search type this record is associated with

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_SAVED_ SEARCHES_N1	NONUNIQUE	1	SEARCH_ CATEGORY_ID
KNTA_SAVED_ SEARCHES_U1	UNIQUE	1	SAVED_ SEARCH_ID

Sequences

Sequence Name	Sequence Type
KNTA_SAVED_ SEARCHES_S	SAVED_ SEARCH_ID

KNTA_SCHEDULED_TASK_RECUR

This table stores the recurrence information of a repetitive scheduled task.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_SCHEDULED_TASKS	SCHEDULED_TASK_ID	SCHEDULED_TASK_ID
KNTA_USERS	USER_ID	CREATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
SCHEDULED_TASK_RECUR_ID	NOT NULL	NUMBER	System-generated identifier
SCHEDULED_TASK_ID	NOT NULL	NUMBER	Foreign key to table KNTA_SCHEDULED_TASKS
START_DATE	NOT NULL	DATE	Beginning date of the recurrence
REPEAT_UNTIL_DATE	NOT NULL	DATE	End date of the recurrence
RECURRENCE_PATTERN_CODE	NOT NULL	VARCHAR2(30)	Minutely, hourly, daily, weekdays, weekly or monthly
REPEAT_FREQUENCY	NOT NULL	NUMBER	Interval between two schedules: number of hours, weeks, and so on
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_SCHEDULED_TASK_RECUR_N1	NONUNIQUE	1	SCHEDULED_TASK_ID
KNTA_SCHEDULED_TASK_RECUR_U1	UNIQUE	1	SCHEDULED_TASK_RECUR_ID

Sequences

Sequence Name	Sequence Type
KNTA_SCHEDULED_TASK_RECUR_S	SCHEDULED_TASK_RECUR_ID

KNTA_SCHEDULED_TASKS

This table is the primary table owned by the scheduling engine. Every scheduled task has a row in it. For example, when a report is scheduled to run at a later time, a scheduled task is inserted into this table. When the report is completed, the scheduled task is deleted. The workflow engine uses this table in a similar fashion.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	CREATED_BY
KNTA_SCHEDULED_ TASK_RECUR	SCHEDULED_TASK_ RECUR_ID	SCHEDULED_TASK_ RECUR_ID
KNTA_REPORT_ SUBMISSIONS	REPORT_SUBMISSION_ ID	TASK_DATA_ID

Column Descriptions

Column Name	Null?	Data Type	Description
SCHEDULED_ TASK_ID	NOT NULL	NUMBER	System-generated identifier
WORKER_CLASS	NOT NULL	VARCHAR2(100)	A fully-qualified WorkerThread subclass name
SCHEDULED_ TIME	NOT NULL	DATE	Scheduled time for the task; for a repetitive task, time for the next run
TASK_DATA_ID	NULLABLE	NUMBER	Foreign key to the owner table of this task, for example, knta_report_submissions
GROUP_ID	NULLABLE	NUMBER	Used to group tasks together for serial execution
SCHEDULED_ TASK_RECUR_ID	NULLABLE	NUMBER	Foreign key to table KNTA_ SCHEDULED_TASK_ RECUR; null if non-repetitive
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record

Column Name	Null?	Data Type	Description
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
PRIORITY_SEQUENCE	NULLABLE	NUMBER	Tasks with smaller priority sequence are run earlier.

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_SCHEDULED_TASKS_N1	NONUNIQUE	1	GROUP_ID
KNTA_SCHEDULED_TASKS_N2	NONUNIQUE	1	TASK_DATA_ID
KNTA_SCHEDULED_TASKS_U1	UNIQUE	1	SCHEDULED_TASK_ID

Sequences

Sequence Name	Sequence Type
KNTA_SCHEDULED_TASKS_S	SCHEDULED_TASK_ID
KNTA_SCHED_GROUP_ID_S	GROUP_ID

KNTA_SCREENS

This table stores a reference list of the screens in the PPM Center client user interface. Various other UI-related data objects use this table to indicate a particular screen. All information in this table is seeded system data and must not be altered by the customer.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_PRODUCTS_ NLS	PRODUCT_ID	PRODUCT_ID

Column Descriptions

Column Name	Null?	Data Type	Description
SCREEN_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
SCREEN_NAME	NOT NULL	VARCHAR2(80)	
DESCRIPTION	NULLABLE	VARCHAR2(240)	
PRODUCT_ID	NULLABLE	NUMBER	
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	
DEFINITION_ LANGUAGE	NOT NULL	VARCHAR2(40)	
REFERENCE_CODE	NOT NULL	VARCHAR2(200)	

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_SCREENS_U1	UNIQUE	1	SCREEN_ID
KNTA_SCREENS_U2	UNIQUE	1	SCREEN_NAME
SYS_C005198889	UNIQUE	1	REFERENCE_CODE

Sequences

This table uses no sequences.

KNTA_SEARCH_CATEGORIES

This table stores the groupings into which a user has placed saved searches.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	USER_ID

Column Descriptions

Column Name	Null?	Data Type	Description
SEARCH_ CATEGORY_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
SEARCH_ CATEGORY_NAME	NOT NULL	VARCHAR2(80)	Name displayed to the user for the search category
USER_ID	NOT NULL	NUMBER	Identifier for the user who owns this search category
SEQ	NOT NULL	NUMBER	Relative order of this search category for a given user
EDITABLE_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether the user can edit the name or delete the category

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_SEARCH_ CATEGORIES_N1	NONUNIQUE	1	USER_ID
KNTA_SEARCH_ CATEGORIES_U1	UNIQUE	1	SEARCH_ CATEGORY_ID

Sequences

Sequence Name	Sequence Type
KNTA_SEARCH_ CATEGORIES_S	SEARCH_ CATEGORY_ID

KNTA_SECTION_LAYOUTS

This table stores information for section layouts.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_ENTITIES_NLS	ENTITY_ID	ENTITY_ID
KNTA_ENTITIES_NLS	PRIMARY_KEY	ENTITY_PRIMARY_KEY
KNTA_SECTIONS_NLS	SECTION_ID	SECTION_ID

Column Descriptions

Column Name	Null?	Data Type	Description
SECTION_ LAYOUT_ID	NOT NULL	NUMBER	System-generated identifier
SECTION_ID	NOT NULL	NUMBER	Identifier of the section which this record belongs to
SEQ	NOT NULL	NUMBER	Sequence number in which this section layout belongs to
SECTION_TYPE_ CODE	NULLABLE	VARCHAR2(30)	Section type identifier
ENTITY_ID	NULLABLE	NUMBER	Entity type identifier
ENTITY_ PRIMARY_KEY	NULLABLE	NUMBER	Entity instance identifier
SOURCE	NULLABLE	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.
SOURCE_TYPE_ CODE	NULLABLE	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, and so on)
CREATION_DATE	NULLABLE	DATE	Date record was created
LAST_UPDATE_ DATE	NULLABLE	DATE	Date record was last updated

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_SECTION_LAYOUTS_N1	NONUNIQUE	1	ENTITY_ID
KNTA_SECTION_LAYOUTS_N1	NONUNIQUE	2	ENTITY_PRIMARY_KEY
KNTA_SECTION_LAYOUTS_N1	NONUNIQUE	3	SECTION_ID
KNTA_SECTION_LAYOUTS_N2	NONUNIQUE	1	SECTION_ID
KNTA_SECTION_LAYOUTS_U1	UNIQUE	1	SECTION_LAYOUT_ID

Sequences

Sequence Name	Sequence Type
KNTA_SECTION_LAYOUTS_S	SECTION_LAYOUT_ID

KNTA_SECTIONS

This table stores the information relating to a section, which is an area where fields are displayed.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
SECTION_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
SECTION_NAME	NOT NULL	VARCHAR2(80)	
SOURCE	NULLABLE	VARCHAR2(100)	
SOURCE_TYPE_ CODE	NULLABLE	VARCHAR2(30)	
DEFINITION_ LANGUAGE	NOT NULL	VARCHAR2(40)	
REFERENCE_CODE	NOT NULL	VARCHAR2(200)	

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_SECTIONS_U1	UNIQUE	1	SECTION_ID
SYS_C00109353072	UNIQUE	1	REFERENCE_CODE

Sequences

This table uses no sequences.

KNTA_SECURITY_GROUPS

This table stores the definitions for each of the security groups defined in PPM Center.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KRSC_ORG_UNITS_NLS	ORG_UNIT_ID	ORG_UNIT_ID
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	USER_DATA_SET_CONTEXT_ID

Column Descriptions

Column Name	Null?	Data Type	Description
SECURITY_GROUP_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
SECURITY_GROUP_NAME	NULLABLE	VARCHAR2(200)	
DESCRIPTION	NULLABLE	VARCHAR2(240)	
RESTRICT_WF_FLAG	NULLABLE	VARCHAR2(1)	
RESTRICT_APPCODE_FLAG	NULLABLE	VARCHAR2(1)	

Column Name	Null?	Data Type	Description
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	
USED_BY_PACKAGES_ FLAG	NULLABLE	VARCHAR2(1)	
USED_BY_PROJECTS_ FLAG	NULLABLE	VARCHAR2(1)	
USED_BY_REQUESTS_ FLAG	NULLABLE	VARCHAR2(1)	
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(30)	
SOURCE	NULLABLE	VARCHAR2(100)	
USER_DATA_SET_ CONTEXT_ID	NULLABLE	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1-20	NULLABLE	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA1-20	NULLABLE	VARCHAR2(200)	User data segment
ORG_UNIT_ID	NULLABLE	NUMBER	
CASCADING_FLAG	NOT NULL	VARCHAR2(1)	
USED_BY_TIME_SHEETS_ FLAG	NULLABLE	VARCHAR2(1)	
RESTRICT_CHARGE_ CODES_FLAG	NOT NULL	VARCHAR2(1)	
DEFINITION_LANGUAGE	NOT NULL	VARCHAR2(40)	
REFERENCE_CODE	NOT NULL	VARCHAR2(200)	

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_SECURITY_ GROUPS_N1	NONUNIQUE	1	ORG_UNIT_ID
KNTA_SECURITY_ GROUPS_U1	UNIQUE	1	SECURITY_GROUP_ID
KNTA_SECURITY_ GROUPS_U2	UNIQUE	1	SECURITY_GROUP_ NAME
SYS_C00109353089	UNIQUE	1	REFERENCE_CODE

Sequences

This table uses no sequences.

KNTA_SERVER_PARAM_DEF

This is the original data table for view KNTA_SERVER_PARAMETER_DEFAULTS. This table stores the definition and default values of all parameters supported by PPM and exposed to customer.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
SERVER_PARAMETER_DEFAULT_ID	NOT NULL	NUMBER	Parameter ID
PARAMETER_NAME	NOT NULL	VARCHAR2(100)	Server parameter name
DEFAULT_VALUE	NULLABLE	VARCHAR2(500)	Default value of the parameter
DESCRIPTION	NULLABLE	VARCHAR2(1000)	Description of the parameter
DEFINITION_LANGUAGE	NOT NULL	VARCHAR2(40)	Definition language
REFERENCE_CODE	NOT NULL	VARCHAR2(200)	Reference code
ISREADONLY	NULLABLE	VARCHAR2(1)	Indicates whether the parameter would be editable through Administration Console or not
PARAM_TYPE	NULLABLE	VARCHAR2(40)	Parameter Type. Could be one of boolean, String, Numeric.

Column Name	Null?	Data Type	Description
IS_SENSITIVE	NULLABLE	VARCHAR2(1)	Indicates whether the parameter is sensitive or not. If it is sensitive then it is not editable through Administrative Console unless the Administrative Console opened using any secured connection such as HTTPS.
IS_HIDDEN	NULLABLE	VARCHAR2(1)	Indicates whether the parameter is hidden or not. If hidden then the parameter is not exposed through Administration Console
IS_CLUSTER_ ONLY	NULLABLE	VARCHAR2(1)	Indicates whether the parameter is cluster wide
IS_STATIC	NULLABLE	VARCHAR2(1)	Indicates whether the parameter is static or not. Changes to the static parameters will not take effect unless the server is restarted.

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_SERVER_PARAM_ DEFAULTS_U1	UNIQUE	1	SERVER_ PARAMETER_ DEFAULT_ID
KNTA_SERVER_PARAM_ DEFAULTS_U2	UNIQUE	1	PARAMETER_NAME
SYS_C005198943	UNIQUE	1	REFERENCE_CODE

Sequences

This table uses no sequences.

KNTA_SERVER_PARAMETERS

This table is similar to the view KNTA_SERVER_PARAMETER_DEFAULTS, but stores parameters that the user cannot modify in the `server.conf` file.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
SERVER_PARAMETER_ID	NOT NULL	NUMBER	System-generated identifier
PARAMETER_NAME	NOT NULL	VARCHAR2(100)	
VALUE	NULLABLE	VARCHAR2(500)	
DESCRIPTION	NULLABLE	VARCHAR2(1000)	
DEFINITION_LANGUAGE	NOT NULL	VARCHAR2(40)	
REFERENCE_CODE	NOT NULL	VARCHAR2(200)	

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_SERVER_PARAMETERS_U1	UNIQUE	1	SERVER_PARAMETER_ID
KNTA_SERVER_PARAMETERS_U2	UNIQUE	1	PARAMETER_NAME
SYS_C005198935	UNIQUE	1	REFERENCE_CODE

Sequences

This table uses no sequences.

KNTA_SERVER_RESTARTS

This table stores a new record every time a server is started. It groups records in the KNTA_INTERRUPTED_EXECUTIONS table for display in the "View Interrupted Executions" page.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
SERVER_ RESTART_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_SERVER_ RESTARTS_U1	UNIQUE	1	SERVER_ RESTART_ID

Sequences

Sequence Name	Sequence Type
KNTA_SERVER_ RESTARTS_S	SERVER_ RESTART_ID

KNTA_SERVICES

For internal use only. This table stores definitions of PPM Center background services along with the default intervals and configured intervals for running those services.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KACC_ ACCELERATORS_NLS	ACCELERATOR_ID	ACCELERATOR_ID

Column Descriptions

Column Name	Null?	Data Type	Description
SERVICE_ID	NOT NULL	NUMBER	System-generated identifier
ACCELERATOR_ID	NULLABLE	NUMBER	
JAVA_CLASS	NOT NULL	VARCHAR2(100)	Class for the service
USE_SERVICE_ CONTROLLER	NOT NULL	VARCHAR2(5)	
SERVICE_NAME	NOT NULL	VARCHAR2(200)	Name of the service
RUN_IN_SEPARATE_ THREAD	NOT NULL	VARCHAR2(1)	
LAST_RUN_DATE	NULLABLE	DATE	Date the service last run
DEFINITION_ LANGUAGE	NOT NULL	VARCHAR2(40)	
REFERENCE_CODE	NOT NULL	VARCHAR2(200)	
JOB_CLASS	NULLABLE	VARCHAR2(200)	Class name of the job for this service. Mostly, 'GenericJob'. A handful of classes have their own Job classes.
HANDLER_NAME	NULLABLE	VARCHAR2(200)	
DEFAULT_CRON_ EXPRESSION	NULLABLE	VARCHAR2(40)	OOTB cron expression for scheduling the job

Column Name	Null?	Data Type	Description
CRON_EXPRESSION	NULLABLE	VARCHAR2(40)	Current cron expression for scheduling the job
SERVICE_ENABLED	NULLABLE	VARCHAR2(1)	Indicates whether the service is enabled
TARGET_QUEUE	NULLABLE	VARCHAR2(200)	The JMS queue to which the message is sent. Possible values: LIGHT, HEAVY.
CURRENT_INTERVAL	NULLABLE	NUMBER	Indicates how often the job should be triggered
DEFAULT_INTERVAL	NULLABLE	NUMBER	OOTB job interval for this service
LAST_RUN_ INSTANCE_NAME	NULLABLE	VARCHAR2(2000)	Name of the node on which the service last executed. This column gets updated as soon as the service starts executing. Note that the value is likely change in the next execution, since service executions don't have 'node affinity'.

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_SERVICES_U1	UNIQUE	1	SERVICE_ID
SYS_C005198956	UNIQUE	1	REFERENCE_CODE

Sequences

This table uses no sequences.

KNTA_SHARED_LOCKS

This table stores locking relationships among complex entities.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_ENTITIES_NLS	ENTITY_ID	ENTITY_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	CREATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
CREATED_BY	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
ENTITY_ID	NOT NULL	NUMBER	Entity identifier for the entity that is locked
ENTITY_PRIMARY_ KEY	NOT NULL	NUMBER	Column for the entity ID, for example REQUEST_ TYPE_ID if the entity is a request type
KINTANA_SERVER_ NAME	NOT NULL	VARCHAR2(30)	The server that has the lock
POOL_ID	NOT NULL	NUMBER	The pool that has the lock

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_SHARED_LOCKS_N1	NONUNIQUE	1	ENTITY_ID
KNTA_SHARED_LOCKS_N1	NONUNIQUE	2	ENTITY_PRIMARY_KEY

Sequences

This table uses no sequences.

KNTA_SPECIAL_CMD_PARAMS

This table stores each parameter that can be set for a special command.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_SPECIAL_ COMMAND_TYPES	SPECIAL_COMMAND_ TYPE_ID	SPECIAL_COMMAND_ TYPE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
PARAMETER_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date the record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date the record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
SEQ	NOT NULL	NUMBER	Sequence number of this parameter (starting with 1)
PARAMETER_ NAME	NOT NULL	VARCHAR2(40)	Name of the parameter
PARAMETER_ TOKEN	NOT NULL	VARCHAR2(120)	Default token to use for this value if no parameter is specified when the special command is invoked
DESCRIPTION	NULLABLE	VARCHAR2(150)	Details of the parameter
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Whether this parameter is to be used (Y/N)

Column Name	Null?	Data Type	Description
SPECIAL_ COMMAND_ TYPE_ID	NULLABLE	NUMBER	Foreign key reference to the special command types table
SOURCE_TYPE_ CODE	NULLABLE	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, and so on)
SOURCE	NULLABLE	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_SPECIAL_CMD_ PARAMS_N1	NONUNIQUE	1	SPECIAL_COMMAND_ TYPE_ID
KNTA_SPECIAL_CMD_ PARAMS_U1	UNIQUE	1	PARAMETER_ID

Sequences

Sequence Name	Sequence Type
KNTA_SPECIAL_ CMD_PARAMS_S	PARAMETER_ID

KNTA_SPECIAL_COMMAND_TYPES

This table stores an entry for each special command. Special commands are commands that are frequently used and would benefit from simplification in the object commands. They act like macros or function calls. Special commands starting with ksc_ are PPM Center special commands. For example, ksc_copy_server_server and ksc_connect_dest_server. Special commands starting with sc_ are customer defined. For example, sc_custom_name.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_ENTITIES_NLS	ENTITY_ID	ENTITY_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
SPECIAL_ COMMAND_ TYPE_ID	NOT NULL	NUMBER	System generated primary key
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date the record was created
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date the record was last updated
ENTITY_LAST_ UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
SPECIAL_ COMMAND_ TYPE_NAME	NOT NULL	VARCHAR2(80)	Name of the special command.
DESCRIPTION	NULLABLE	VARCHAR2(240)	Details
ENTITY_ID	NOT NULL	NUMBER	Entity identifier for the special command

Column Name	Null?	Data Type	Description
ENABLED_FLAG	NULLABLE	VARCHAR2(1)	Indicates whether the special command will be shown in the special command builder
EXPAND_FLAG	NULLABLE	VARCHAR2(1)	'Y' indicates commands are expanded in the database (with parameters) as well as the java code. New custom commands should be set to 'Y'
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, and so on)
SOURCE	NULLABLE	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_SPECIAL_COMMAND_TYPES_U1	UNIQUE	1	SPECIAL_COMMAND_TYPE_ID
KNTA_SPECIAL_COMMAND_TYPES_U2	UNIQUE	1	SPECIAL_COMMAND_TYPE_NAME

Sequences

Sequence Name	Sequence Type
KNTA_SPECIAL_COMMAND_TYPES_S	SPECIAL_COMMAND_TYPE_ID

KNTA_STORED_QUERIES

This table stores workbench query definitions saved by users. A stored query is specific to a particular user and a particular workbench. The particular workbench determines the significance of each query parameter.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	USER_ID

Column Descriptions

Column Name	Null?	Data Type	Description
QUERY_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
ENTITY_LAST_ UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
QUERY_NAME	NOT NULL	VARCHAR2(50)	Name of the stored query
USER_ID	NOT NULL	NUMBER	Indicates the user who can load and execute this stored query
WORKBENCH_ CODE	NOT NULL	NUMBER	Indicates the workbench within which this stored query can be loaded and executed
QUERY_ PARAMETER1-50	NULLABLE	VARCHAR2(400)	Stored query segment

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_STORED_QUERIES_U1	UNIQUE	1	QUERY_ID
KNTA_STORED_QUERIES_U2	UNIQUE	1	USER_ID
KNTA_STORED_QUERIES_U2	UNIQUE	2	WORKBENCH_ CODE
KNTA_STORED_QUERIES_U2	UNIQUE	3	QUERY_NAME

Sequences

Sequence Name	Sequence Type
KNTA_STORED_ QUERIES_S	QUERY_ID

KNTA_STORED_QUERY_DETAILS

This table stores workbench query definitions saved by users. A stored query is specific to a particular user and a particular workbench. The particular workbench determines the significance of this particular query definition.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_PARAM_SET_ FIELDS_NLS	PARAMETER_SET_ FIELD_ID	MAX_PARAMETER_ SET_FIELD_ID
KNTA_PARAMETER_ SETS_NLS	PARAMETER_SET_ID	PARAMETER_SET_ID
KNTA_STORED_ QUERIES	QUERY_ID	QUERY_ID
KNTA_VALIDATIONS_ NLS	VALIDATION_ID	VALIDATION_ID

Column Descriptions

Column Name	Null?	Data Type	Description
QUERY_DETAIL_ ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_ DATE	NOT NULL	DATE	Date record was created
LAST_ UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
QUERY_ID	NOT NULL	NUMBER	Identifier for the parent query.
MAX_ PARAMETER_ SET_FIELD_ID	NOT NULL	NUMBER	Identifier for the knta_parameter_ set_fields that this record will query.
PROMPT	NOT NULL	VARCHAR2(80)	Field prompt that the users see in the specific form.

Column Name	Null?	Data Type	Description
VALIDATION_ID	NOT NULL	NUMBER	Identifier for the validation that validates this field.
TOKEN	NOT NULL	VARCHAR2(40)	This is the token field that this record represents
PARAMETER_ SET_ID	NOT NULL	NUMBER	Identifier for the knta_parameter_ sets, indicates the type of parameter this record represents
CONDITION_ CODE	NOT NULL	VARCHAR2(30)	Lookup code for the lookup type IS_QUERY_CONDITIONS
VISIBLE_VALUE	NULLABLE	VARCHAR2(2000)	This field represents the value that the user sees. For a workflow field they'll see the workflow name
HIDDEN_VALUE	NULLABLE	VARCHAR2(2000)	This field represents the value that represents an identifier of the specified field. For a workflow field this column should contain the workflow ID
MULTI_LIST_ FLAG	NOT NULL	VARCHAR2(1)	Indicates that this field is a multi list autocomplete field
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Indicates that the current record is included in the construction of an advance query
CONVERTED_ COMPONENT_ TYPE_CODE	NOT NULL	VARCHAR2(30)	Lookup code for the lookup type COMPONENT_TYPE, this is a converted component_type

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_STORED_QUERY_ DETAILS_N1	NONUNIQUE	1	QUERY_ID
KNTA_STORED_QUERY_ DETAILS_U1	UNIQUE	1	QUERY_DETAIL_ID

Sequences

Sequence Name	Sequence Type
KNTA_STORED_QUERY_DETAILS_S	QUERY_DETAIL_ID

KNTA_UCMDB_CI_ENTRIES

This table contains entries created by PPM-uCMDB integration. Each entry represents a configuration item (CI), retrieved from uCMDB. An entity in PPM (for example, request) may have a set of configuration items.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_UCMDB_CI_ENTRIES	CI_ID	CI_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_UCMDB_CI_SETS	UCMDB_CI_SET_ID	UCMDB_CI_SET_ID
KRML_VIEWS	VIEW_ID	VIEW_ID

Column Descriptions

Column Name	Null?	Data Type	Description
UCMDB_CI_ENTRY_ID	NOT NULL	NUMBER	System-generated identifier
UCMDB_CI_SET_ID	NOT NULL	NUMBER	Identifier for CI set foreign key to KNTA_UCMDB_CI_SETS
VIEW_ID	NULLABLE	VARCHAR2(200)	CI View identifier from uCMDB
VIEW_NAME	NULLABLE	VARCHAR2(1024)	CI View name from uCMDB
VIEW_TYPE	NULLABLE	VARCHAR2(200)	CI View Type from uCMDB
VIEW_TQL_NAME	NULLABLE	VARCHAR2(200)	CI View TQL Name from uCMDB
VIEW_TREE_VIEW_NAME	NULLABLE	VARCHAR2(200)	CI View name in Tree View from uCMDB
CI_ID	NOT NULL	VARCHAR2(200)	System-generated identifier
CI_NAME	NULLABLE	VARCHAR2(1024)	CI name from uCMDB
CI_TYPE	NULLABLE	VARCHAR2(200)	CI Type from uCMDB
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record

Column Name	Null?	Data Type	Description
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_UCMDB_CI_ENTRIES_PK	UNIQUE	1	UCMDB_CI_ENTRY_ID

Sequences

Sequence Name	Sequence Type
KNTA_UCMDB_CI_ENTRIES_S	UCMDB_CI_ENTRY_ID

KNTA_UCMDB_CI_SETS

This table stores information about a set of configuration items. This table is used by PPM-uCMDB integration. A PPM entity may have only one set of zero or more configuration items.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_ENTITIES_NLS	ENTITY_ID	ENTITY_TYPE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
UCMDB_CI_SET_ID	NOT NULL	NUMBER	System-generated identifier
UCMDB_SERVER_ NAME	NOT NULL	VARCHAR2(200)	uCMDB server name (free form string)
ENTITY_TYPE_ID	NOT NULL	VARCHAR2(200)	PPM entity type identifier (request, task, project, and so on)
ENTITY_ID	NOT NULL	NUMBER	PPM entity identifier. This is the entity that has a set of configuration items attached/ associated with it.
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_UCMDB_CI_SETS_PK	UNIQUE	1	UCMDB_CI_SET_ID

Sequences

Sequence Name	Sequence Type
KNTA_UCMDB_CI_SETS_S	UCMDB_CI_SET_ID

KNTA_UPGRADE_RECORDS

This table stores the list of records along with the table name, entity type, entity name, and error information for records that could not be assigned reference codes during upgrade. This table is only created during an upgrade for upgrade purposes from PPM Center 7.50 to 8.00.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
OBJECT_NAME	NULLABLE	VARCHAR2(32)	System-generated identifier
KEY_NAME_EN	NULLABLE	VARCHAR2(255)	
KEY_NAME_ES	NULLABLE	VARCHAR2(255)	
KEY_NAME_DE	NULLABLE	VARCHAR2(255)	
KEY_NAME_KO	NULLABLE	VARCHAR2(255)	
KEY_NAME_FR	NULLABLE	VARCHAR2(255)	
KEY_NAME_TR	NULLABLE	VARCHAR2(255)	
KEY_NAME_PT_BR	NULLABLE	VARCHAR2(255)	
KEY_NAME_RU	NULLABLE	VARCHAR2(255)	
REFERENCE_ CODE	NULLABLE	VARCHAR2(255)	
SQL_ERR_CODE	NULLABLE	NUMBER	
CREATED_DATE	NULLABLE	DATE	
UPDATED_DATE	NULLABLE	DATE	

Indexes

This table uses no indexes.

Sequences

This table uses no sequences.

KNTA_USER_MENU_STATES

This table stores data about the menu states for a given user.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	USER_ID

Column Descriptions

Column Name	Null?	Data Type	Description
SEQ	NOT NULL	NUMBER	System-generated identifier
USER_ID	NOT NULL	NUMBER	User that is associated with this particular menu state
STATE	NOT NULL	VARCHAR2(300)	Actual menu state data

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_USER_MENU_STATES_N1	NONUNIQUE	1	USER_ID

Sequences

This table uses no sequences.

KNTA_USER_PAGE_TABS

This table stores information that defines what user or role a tab and a page belongs.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_PAGES_NLS	PAGE_ID	PAGE_ID
KNTA_USERS	USER_ID	PARENT_ID
KDSH_MODULES	MODULE_ID	PARENT_ID

Column Descriptions

Column Name	Null?	Data Type	Description
USER_PAGE_TAB_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
PARENT_TYPE_CODE	NOT NULL	VARCHAR2(40)	Parent type can be ROLE_ID or USER_ID. Role ID is currently used for internal purpose only.
PARENT_ID	NOT NULL	NUMBER	If the type is USER_ID then the user's actual ID If the type is ROLE_ID then the role ID
PAGE_ID	NOT NULL	NUMBER	This is the page on the dashboard. Currently only two are supported, home and project detail.

Column Name	Null?	Data Type	Description
TAB_SEQ	NOT NULL	NUMBER	Sequence of the tab on the home page
TAB_NAME	NOT NULL	VARCHAR2(80)	Name of the tab
DESCRIPTION	NULLABLE	VARCHAR2(240)	Tab description. Currently unused.
MODULE_ID	NULLABLE	NUMBER	If the module was published, this column points back to the module from which this page was generated.
DASHBOARD_ UPDATE_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether the user's dashboard is updated by module distribution
ENTITY_LAST_ UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_USER_ PAGE_TABS_N1	NONUNIQUE	1	PARENT_ID
KNTA_USER_ PAGE_TABS_N1	NONUNIQUE	2	PARENT_TYPE_ CODE
KNTA_USER_ PAGE_TABS_N1	NONUNIQUE	3	PAGE_ID
KNTA_USER_ PAGE_TABS_N2	NONUNIQUE	1	MODULE_ID
KNTA_USER_ PAGE_TABS_U1	UNIQUE	1	USER_PAGE_ TAB_ID

Sequences

Sequence Name	Sequence Type
KNTA_USER_ PAGE_TABS_S	USER_PAGE_ TAB_ID

KNTA_USER_PRODUCTS

This table stores information about which users are linked to which products.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_PRODUCTS_NLS	PRODUCT_ID	PRODUCT_ID
KNTA_USERS	USER_ID	USER_ID

Column Descriptions

Column Name	Null?	Data Type	Description
USER_ PRODUCT_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
USER_ID	NOT NULL	NUMBER	Identifier for the user who is linked to the product
PRODUCT_ID	NOT NULL	NUMBER	Identifier for the product that the user is linked to
SOURCE_TYPE_ CODE	NULLABLE	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, and so on)
SOURCE	NULLABLE	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_USER_ PRODUCTS_N1	NONUNIQUE	1	PRODUCT_ID
KNTA_USER_ PRODUCTS_N1	NONUNIQUE	2	USER_ID
KNTA_USER_ PRODUCTS_U1	UNIQUE	1	USER_PRODUCT_ID
KNTA_USER_ PRODUCTS_U2	UNIQUE	1	USER_ID
KNTA_USER_ PRODUCTS_U2	UNIQUE	2	PRODUCT_ID

Sequences

Sequence Name	Sequence Type
KNTA_USER_PRODUCTS_S	USER_PRODUCT_ID

KNTA_USER_PROFILES

This table stores profile settings for each user. These profile settings modify the behavior of user interface elements (for example, the screen manager navigation interface).

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_SCREENS_NLS	SCREEN_ID	SCREEN_ID
KNTA_USERS	USER_ID	USER_ID

Column Descriptions

Column Name	Null?	Data Type	Description
USER_PROFILE_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
USER_ID	NOT NULL	NUMBER	Indicates the user associated with these profile settings
SCREEN_ID	NOT NULL	NUMBER	Determines which screen is shown first when the user logs on
SHORTCUT_BAR_FLAG	NOT NULL	VARCHAR2(1)	Determines whether the shortcut bar is shown in the screen manager
SHORTCUT_BAR_LOC_CODE	NOT NULL	VARCHAR2(4)	Determines the position within the screen manager where the shortcut bar is displayed

Column Name	Null?	Data Type	Description
SAVE_WINDOW_BOUNDS_FLAG	NOT NULL	VARCHAR2(1)	Determines whether the size and location of the screen manager window are saved each time the user logs off; if saved, the settings are the default when the user next logs on
WINDOW_HEIGHT	NOT NULL	NUMBER	Determines the default height of the screen manager window
WINDOW_WIDTH	NOT NULL	NUMBER	Determines the default width of the screen manager window
WINDOW_X_LOCATION	NOT NULL	NUMBER	Determines the horizontal position of the screen manager window
WINDOW_Y_LOCATION	NOT NULL	NUMBER	Determines the vertical position of the screen manager window
REUSE_INTERNAL_FRAME_FLAG	NOT NULL	VARCHAR2(1)	Determines whether multiple internal frames can be opened within each screen
SHOW_ALL_WORKFLOW_STEPS_FLAG	NOT NULL	VARCHAR2(1)	Determines whether all workflow steps are shown within workflow status panels
SHOW_TRAVERSED_STEPS_FLAG	NOT NULL	VARCHAR2(1)	Determines whether steps that have been traversed and are no longer active are shown within workflow status panels
HIDE_IMMEDIATE_STEPS_FLAG	NOT NULL	VARCHAR2(1)	Determines whether workflow steps based upon immediate executions and conditions are shown within workflow status panels
SHOW_CHANGE_WARNINGS_FLAG	NOT NULL	VARCHAR2(1)	Determines whether warning messages are displayed when you update a business entity that is used by another entity (for example, when you update a workflow that is used by a change request line)

Column Name	Null?	Data Type	Description
HIDE_ CANCELLED_ CRL_FLAG	NOT NULL	VARCHAR2(1)	Determines whether cancelled package lines are displayed in the Packages screen.
DEFAULT_ BROWSER	NULLABLE	VARCHAR2(300)	Field to store file and path of default browser. May also contain special command line parameters for browser.
SOURCE_TYPE_ CODE	NULLABLE	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, and so on)
SOURCE	NULLABLE	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.
MAX_ROWS_ PORTLETS	NOT NULL	NUMBER	Maximum number of results to be displayed on the maximized portlet.
CURRENCY_ DISPLAY_CODE	NOT NULL	VARCHAR2(40)	Controls whether currency display is in local or base in portlets

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_USER_PROFILES_U1	UNIQUE	1	USER_PROFILE_ID
KNTA_USER_PROFILES_U2	UNIQUE	1	USER_ID

Sequences

Sequence Name	Sequence Type
KNTA_USER_PROFILES_S	USER_PROFILE_ID

KNTA_USER_REGIONAL_SETTINGS

This table stores regional settings for each user. These regional settings indicates the formats in which the user would see dates/time and numbers as well as the Language and Region Settings (Locale) of the user.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	USER_ID

Column Descriptions

Column Name	Null?	Data Type	Description
USER_REGIONAL_ SETTINGS_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
ENTITY_LAST_ UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
USER_ID	NOT NULL	NUMBER	Indicates the user associated with these regional settings
DEFAULT_ SETTING_FLAG	NOT NULL	VARCHAR2(1)	Determines whether the user has his default settings checked
SHORT_DATE_ FORMAT_CODE	NULLABLE	VARCHAR2(50)	Determines the user's short date pattern preference
MEDIUM_DATE_ FORMAT_CODE	NULLABLE	VARCHAR2(50)	Determines the user's medium date pattern preference

Column Name	Null?	Data Type	Description
LONG_DATE_ FORMAT_CODE	NULLABLE	VARCHAR2(50)	Determines the user's long date pattern preference
DATE_ SEPARATOR_CODE	NULLABLE	VARCHAR2(10)	Determines the user's date separator preference
HOUR_STYLE_ FORMAT_CODE	NULLABLE	VARCHAR2(50)	Determines the user's hour style preference
AM_SYMBOL	NULLABLE	VARCHAR2(10)	Determines the user's am symbol preference
PM_SYMBOL	NULLABLE	VARCHAR2(10)	Determines the user's pm symbol preference
TIME_SEPARATOR	NULLABLE	VARCHAR2(10)	Determines the user's time separator preference
DECIMAL_SYMBOL	NULLABLE	VARCHAR2(10)	Determines the user's decimal symbol preference
NUM_DIGITS_IN_ GROUP	NULLABLE	NUMBER	Determines the user's number of digits in a group preference
DIGIT_GROUP_ SYMBOL	NULLABLE	VARCHAR2(10)	Determines the user's Digit Group Symbol
PERCENTAGE_ SYMBOL	NULLABLE	VARCHAR2(10)	Determines the user's Percent Symbol
LANGUAGE_ FORMAT_CODE	NULLABLE	VARCHAR2(10)	Determines the user's ISO language code used to format dates/time and numbers
REGION_FORMAT_ CODE	NULLABLE	VARCHAR2(10)	Determines the user's ISO Region code used to format dates/time and numbers
LANGUAGE_CODE	NULLABLE	VARCHAR2(10)	Indicates the user's ISO Language code that is used as the language of display
REGION_CODE	NULLABLE	VARCHAR2(10)	Indicates the user's ISO Region code that determines the Region of the user which is used to determine the users locale

Column Name	Null?	Data Type	Description
DISPLAY_ LANGUAGE	NULLABLE	VARCHAR2(10)	
FORMAT_DISPLAY_ LANGUAGE	NULLABLE	VARCHAR2(120)	
FORMAT_DISPLAY_ TERRITORY	NULLABLE	VARCHAR2(120)	

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_USER_REGIONAL_ SETTINGS_U1	UNIQUE	1	USER_REGIONAL_ SETTINGS_ID
KNTA_USER_REGIONAL_ SETTINGS_U2	UNIQUE	1	USER_ID

Sequences

Sequence Name	Sequence Type
KNTA_USER_REGIONAL_ SETTINGS_S	USER_REGIONAL_SETTINGS_ ID

KNTA_USER_SECTION_STATES

This table stores per user the expand collapse state of the sections.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	USER_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
USER_SECTION_STATE_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	User who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	User who last updated the record
USER_ID	NOT NULL	NUMBER	User who the entry is for
PAGE_NAME	NOT NULL	VARCHAR2(30)	Name of the page the state refers to
PARENT_PRIMARY_KEY	NULLABLE	NUMBER	Primary key of the parent of the section
SECTION_NAME	NOT NULL	VARCHAR2(200)	Name of the section
EXPANDED_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether the section is expanded (Y/N)

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_USER_ SECTION_STATES_U1	UNIQUE	1	USER_SECTION_ STATE_ID
KNTA_USER_ SECTION_STATES_U2	UNIQUE	1	USER_ID
KNTA_USER_ SECTION_STATES_U2	UNIQUE	2	PAGE_NAME
KNTA_USER_ SECTION_STATES_U2	UNIQUE	3	PARENT_ PRIMARY_KEY
KNTA_USER_ SECTION_STATES_U2	UNIQUE	4	SECTION_NAME

Sequences

Sequence Name	Sequence Type
KNTA_USER_SECTION_ STATES_S	USER_SECTION_ STATE_ID

KNTA_USER_SECURITY

This table stores information about which security groups are linked with which users.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_SECURITY_ GROUPS_NLS	SECURITY_GROUP_ID	SECURITY_GROUP_ID
KNTA_USERS	USER_ID	USER_ID

Column Descriptions

Column Name	Null?	Data Type	Description
USER_ SECURITY_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
SECURITY_ GROUP_ID	NOT NULL	NUMBER	Identifier of the security group the user is linked to
USER_ID	NOT NULL	NUMBER	Identifier of Identifier for the user who is linked to the security group
SOURCE_TYPE_ CODE	NULLABLE	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, and so on)

Column Name	Null?	Data Type	Description
SOURCE	NULLABLE	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_USER_ SECURITY_N1	NONUNIQUE	1	USER_ID
KNTA_USER_ SECURITY_U1	UNIQUE	1	USER_ SECURITY_ID
KNTA_USER_ SECURITY_U3	UNIQUE	1	SECURITY_ GROUP_ID
KNTA_USER_ SECURITY_U3	UNIQUE	2	USER_ID

Sequences

Sequence Name	Sequence Type
KNTA_USER_ SECURITY_S	USER_ SECURITY_ID

KNTA_USER_SECURITY_HIST

This table stores user security history. This table is used for the purpose of Sarbanes-Oxley (SOX) compliance. If you comply with SOX, check with your SOX auditor to see how long you need to retain the records before you truncate the table. If you do not comply with SOX, you do not need to back up the table, and truncating the table does not impact the application.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_SECURITY_ GROUPS_NLS	SECURITY_GROUP_ID	SECURITY_GROUP_ID
KNTA_USERS	USER_ID	USER_ID

Column Descriptions

Column Name	Null?	Data Type	Description
USER_ SECURITY_ HIST_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date the record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date the record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
SECURITY_ GROUP_ID	NOT NULL	NUMBER	Indicates the security group for this record. This value should correspond to the SECURITY_GROUP_ID in KNTA_SECURITY_ GROUPS
SECURITY_ GROUP_NAME	NOT NULL	VARCHAR2(200)	Indicates the security group name

Column Name	Null?	Data Type	Description
USER_ID	NOT NULL	NUMBER	Indicates the user for this record. This value should correspond to the USER_ ID in KNTA_USERS
SOURCE_TYPE_ CODE	NULLABLE	VARCHAR2(30)	Indicates the source type code for this record
SOURCE	NULLABLE	VARCHAR2(100)	Indicates the source for this record
EVENT_CODE	NOT NULL	VARCHAR2(20)	Indicates the event code for this record

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_USER_ SECURITY_HIST_N1	NONUNIQUE	1	SECURITY_ GROUP_ID
KNTA_USER_ SECURITY_HIST_N2	NONUNIQUE	1	USER_ID
KNTA_USER_ SECURITY_HIST_U1	UNIQUE	1	USER_ SECURITY_ HIST_ID

Sequences

Sequence Name	Sequence Type
KNTA_USER_SECURITY_ HIST_S	USER_SECURITY_HIST_ID

KNTA_USER_SECURITY_INT

Open Interface Table for import of user security groups into the system tables.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	DEST_CREATED_BY
KNTA_USERS	USER_ID	DEST_LAST_ UPDATED_BY
KNTA_USERS	USER_ID	DEST_USER_ID
KNTA_USER_ SECURITY	USER_SECURITY_ID	DEST_USER_ SECURITY_ID
KNTA_USERS_INT	TRANSACTION_ID	PARENT_ TRANSACTION_ID
KNTA_SECURITY_ GROUPS_NLS	SECURITY_GROUP_ID	SECURITY_GROUP_ID
KNTA_USERS	USER_ID	USER_ID
KNTA_USER_ SECURITY	USER_SECURITY_ID	USER_SECURITY_ID

Column Descriptions

Column Name	Null?	Data Type	Description
TRANSACTION_ID	NULLABLE	NUMBER	System-generated identifier
PARENT_ TRANSACTION_ID	NULLABLE	NUMBER	Transaction ID of the parent table being imported
PARENT_TABLE_ NAME	NULLABLE	VARCHAR2(30)	Indicates which table this entity was imported from
GROUP_ID	NULLABLE	NUMBER	A value from KNTA_ INTERFACE_GROUPS_S. Is used to group together all records to be processed together.
EXISTS_FLAG	NULLABLE	VARCHAR2(1)	Used to indicate if the security group exists for the user

Column Name	Null?	Data Type	Description
PROCESS_PHASE	NULLABLE	NUMBER	Indicates the current stage of the record as it is being processed
PROCESS_STATUS	NULLABLE	NUMBER	Indicates the current disposition of the record. The value should initially be set to 1
CREATED_BY	NULLABLE	NUMBER	Identifier for the user who created the record in the source
CREATED_BY_ USERNAME	NULLABLE	VARCHAR2(200)	USERNAME from the KNTA_USERS table for Identifier for the user who is performing the transaction. This will be used only if the CREATED_BY is null.
CREATION_DATE	NULLABLE	DATE	Date record was created
DEST_CREATED_ BY	NULLABLE	NUMBER	Identifier for the user who created the record in the destination
DEST_CREATION_ DATE	NULLABLE	DATE	Date the record is created in the destination
DEST_LAST_ UPDATED_BY	NULLABLE	NUMBER	USER_ID from the KNTA_ USERS table for Identifier for the user who is performing the transaction. If null, the column is derived from LAST_UPDATED_ USERNAME.
DEST_LAST_ UPDATE_DATE	NULLABLE	DATE	Date that the transaction is performed
DEST_ENTITY_ UPD_DATE	NULLABLE	DATE	Date that the transaction is performed

Column Name	Null?	Data Type	Description
USER_SECURITY_ID	NULLABLE	NUMBER	Internal identifier for a user security. This should normally be left blank and will be defaulted from KNTA_USER_SECURITY_S. If a value is entered, it should be derived from KNTA_USER_SECURITY_S sequence.
DEST_USER_SECURITY_ID	NULLABLE	NUMBER	Internal identifier for a user security. This should normally be left blank and will be defaulted from KNTA_USER_SECURITY_S. If a value is entered, it should be derived from KNTA_USER_SECURITY_S sequence.
USER_ID	NULLABLE	NUMBER	This is used to tie a record to a parent record in KNTA_USERS_INT. For existing users, this should refer to the USER_ID column in KNTA_USERS
DEST_USER_ID	NULLABLE	NUMBER	This is used to tie a record to a parent record in KNTA_USERS_INT. For existing users, this should refer to the USER_ID column in KNTA_USERS
SECURITY_GROUP_ID	NULLABLE	NUMBER	Identifier of the security group the user is linked to
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, and so on)
SOURCE	NULLABLE	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.

Column Name	Null?	Data Type	Description
LOGON_ IDENTIFIER	NULLABLE	VARCHAR2(200)	Logon ID of the user. Used when the server is started in LOGON_ID mode.
USERNAME	NULLABLE	VARCHAR2(200)	Username of the user. LOGON_IDENTIFIER and USERNAME can have either one or both are filled. In the case of both these columns are filled, LOGON_ IDENTIFIER is used as identifier while USERNAME will be an attribute.
SECURITY_ GROUP_NAME	NULLABLE	VARCHAR2(200)	Security Group Name that the user is going to associate with. The security group is allowed to not exist in the system yet.
USER_SECURITY_ ACTION	NULLABLE	VARCHAR2(30)	Import Action for a user security. The values can be 'ADD', 'DROP', 'ADD/DROP', and 'OVERWRITE'.
DATA_LANG	NULLABLE	VARCHAR2(40)	

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_USER_ SECURITY_INT_N1	NONUNIQUE	1	USERNAME
KNTA_USER_ SECURITY_INT_N1	NONUNIQUE	2	GROUP_ID
KNTA_USER_ SECURITY_INT_N2	NONUNIQUE	1	LOGON_IDENTIFIER
KNTA_USER_ SECURITY_INT_N2	NONUNIQUE	2	GROUP_ID
KNTA_USER_ SECURITY_INT_N3	NONUNIQUE	1	DEST_USER_ID

Index Name	Index Type	Sequence	Column Name
KNTA_USER_ SECURITY_INT_N3	NONUNIQUE	2	GROUP_ID
KNTA_USER_ SECURITY_INT_N4	NONUNIQUE	1	GROUP_ID
KNTA_USER_ SECURITY_INT_U1	NONUNIQUE	1	TRANSACTION_ID

Sequences

This table uses no sequences.

KNTA_USER_SESSIONS

This table stores information about user sessions on the server. This table is used when the WEB_SESSION_TRACKING parameter in set to true. It is primarily used to track how often resources are used, how long it takes to load them, if any errors are encountered, and so on.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
USER_SESSION_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
RESOURCE_NAME	NOT NULL	VARCHAR2(200)	Identifier of the Resource the user was trying to access
TIME_TO_LOAD	NOT NULL	NUMBER	Determines the loading time for the Resource to be rendered.
ACCESS_DATE	NOT NULL	DATE	Determines the Date of access for the resource.
ERROR	NULLABLE	VARCHAR2(2000)	Determines whether there were any errors in rendering a resource
APP_SERVER	NULLABLE	VARCHAR2(80)	Indicates the server name
BROWSER	NULLABLE	VARCHAR2(80)	Indicates the browser and version

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_USER_SESSIONS_N1	NONUNIQUE	1	CREATED_BY
KNTA_USER_SESSIONS_U1	UNIQUE	1	USER_SESSION_ID

Sequences

Sequence Name	Sequence Type
KNTA_USER_SESSIONS_S	USER_SESSION_ID

KNTA_USERS

This table stores the definition for each of the users who have access to PPM.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KDRV_CALENDARS	CALENDAR_ID	CALENDAR_ID
KNTA_USERS	USER_ID	CREATED_BY
KACC_ ACCELERATORS_NLS	ACCELERATOR_ID	DEFAULT_ ACCELERATOR_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_REGIONS_NLS	REGION_ID	REGION_ID
KNTA_PARAMETER_ SET_CONTEXTS	PARAMETER_SET_ CONTEXT_ID	USER_DATA_SET_ CONTEXT_ID

Column Descriptions

Column Name	Null?	Data Type	Description
USER_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
ENTITY_LAST_ UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
USERNAME	NOT NULL	VARCHAR2(200)	Username that will be used to log on
PASSWORD	NULLABLE	VARCHAR2(200)	(ENCRYPTED) The password for the user
PASSWORD_ EXPIRATION_ DAYS	NULLABLE	NUMBER	Number of days in which current password expires

Column Name	Null?	Data Type	Description
PASSWORD_ EXPIRATION_ DATE	NULLABLE	DATE	Effective date when the password for user ID will expire
EMAIL_ADDRESS	NULLABLE	VARCHAR2(80)	E-Mail address of the user
FIRST_NAME	NOT NULL	VARCHAR2(80)	User's first name
LAST_NAME	NOT NULL	VARCHAR2(80)	User's last name
START_DATE	NULLABLE	DATE	Start date for the user
END_DATE	NULLABLE	DATE	End date for the user
DEFAULT_ ACCELERATOR_ ID	NULLABLE	NUMBER	Default accelerator associated with the user
USER_DATA_ SET_CONTEXT_ ID	NULLABLE	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1-20	NULLABLE	VARCHAR2(200)	User data segment
VISIBLE_USER_ DATA1-20	NULLABLE	VARCHAR2(200)	User data segment
AUTHENTICATIO N_MODE	NULLABLE	VARCHAR2(30)	Authentication mode (ITG or LDAP) for the user
SOURCE_TYPE_ CODE	NULLABLE	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, and so on)
SOURCE	NULLABLE	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update
COMPANY	NULLABLE	VARCHAR2(30)	This is used to associate a user with a company
LOGON_ IDENTIFIER	NOT NULL	VARCHAR2(200)	Logon ID of the user. Used when the system is started in LOGON_ID mode.
DOMAIN	NULLABLE	VARCHAR2(80)	WINDOWS domain to use when logging in. Used for NTLM Authentication Mode.

Column Name	Null?	Data Type	Description
PHONE_ NUMBER	NULLABLE	VARCHAR2(30)	This is used to associate a user with a phone number
DEPARTMENT_ CODE	NULLABLE	VARCHAR2(40)	This is used to associate a user with a department by means of a unique department identifier
LOCATION_ CODE	NULLABLE	VARCHAR2(30)	This is used to associate a user with a location by means of a unique location identifier
MANAGER_ USER_ID	NULLABLE	NUMBER	This is used to associate a user with a manager by means of a unique manager identifier
RESOURCE_ CATEGORY_ CODE	NULLABLE	VARCHAR2(30)	This is used to associate a user with a resource category by means of a unique resource category identifier
RESOURCE_ TITLE_CODE	NULLABLE	VARCHAR2(30)	This is used to associate a user with a department by means of a unique department identifier
FULL_NAME	NULLABLE	VARCHAR2(200)	Full name of the user
CALENDAR_ID	NOT NULL	NUMBER	Identifier of the Calendar in KDRV_CALENDARS that belongs to this user
REGION_ID	NOT NULL	NUMBER	Identifier of the Region in KNTA_REGIONS that this user uses
REGION_ OVERRIDE_FLAG	NOT NULL	VARCHAR2(1)	This is Y if the user has a specific region directly set to override inheritance
RESOURCE_ FLAG	NOT NULL	VARCHAR2(1)	This is Y if the user is also a resource.
LABOR_ CATEGORY	NULLABLE	VARCHAR2(255)	Labor category

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_USERS_FI1	NONUNIQUE	1	SYS_NC00077$
KNTA_USERS_FI2	NONUNIQUE	1	SYS_NC00078$
KNTA_USERS_FI3	NONUNIQUE	1	SYS_NC00076$
KNTA_USERS_FI4	NONUNIQUE	1	SYS_NC00079$
KNTA_USERS_N1	NONUNIQUE	1	FIRST_NAME
KNTA_USERS_N2	NONUNIQUE	1	LAST_NAME
KNTA_USERS_N3	NONUNIQUE	1	MANAGER_USER_ID
KNTA_USERS_N5	NONUNIQUE	1	FULL_NAME
KNTA_USERS_N6	NONUNIQUE	1	DEPARTMENT_CODE
KNTA_USERS_N7	NONUNIQUE	1	CALENDAR_ID
KNTA_USERS_N9	NONUNIQUE	1	REGION_ID
KNTA_USERS_U1	UNIQUE	1	USER_ID
KNTA_USERS_U2	UNIQUE	1	USERNAME
KNTA_USERS_U3	UNIQUE	1	LOGON_IDENTIFIER

Sequences

Sequence Name	Sequence Type
KNTA_USERS_S	USER_ID

KNTA_USERS_INT

This table is the Open Interface Table for the import of Users into the database. Users can be populated from any external source that can populate this table. This table can also be populated from an LDAP source. The import is controlled by the User Interface Report.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KACC_ ACCELERATORS_NLS	ACCELERATOR_ID	DEFAULT_ACCELERATOR_ ID
KNTA_USERS	USER_ID	DEST_CREATED_BY
KNTA_USERS	USER_ID	DEST_LAST_UPDATED_BY
KNTA_USERS	USER_ID	DEST_USER_ID
KNTA_USER_PROFILES	USER_PROFILE_ID	DEST_USER_PROFILE_ID
KNTA_SCREENS_NLS	SCREEN_ID	SCREEN_ID
KNTA_PARAMETER_ SET_CONTEXTS	PARAMETER_SET_ CONTEXT_ID	USER_DATA_SET_ CONTEXT_ID
KNTA_USERS	USER_ID	USER_ID

Column Descriptions

Column Name	Null?	Data Type	Description
TRANSACTION_ID	NULLABLE	NUMBER	System-generated identifier
GROUP_ID	NULLABLE	NUMBER	A value from KNTA_ INTERFACE_GROUPS_S. Is used to group together all records to be processed together.
EXISTS_FLAG	NULLABLE	VARCHAR2(1)	Used to indicate if the user already exists in the system
PROCESS_PHASE	NULLABLE	NUMBER	Indicates the current stage of the record as it is being processed
PROCESS_ STATUS	NULLABLE	NUMBER	Indicates the current disposition of the record

Column Name	Null?	Data Type	Description
CREATED_BY	NULLABLE	NUMBER	Identifier for the user who created the record. The value should initially be set to 1.
CREATED_BY_ USERNAME	NULLABLE	VARCHAR2(200)	User that created the record in the source
CREATION_DATE	NULLABLE	DATE	Date record was created
DEST_CREATED_ BY	NULLABLE	NUMBER	USER_ID from the KNTA_ USERS table for Identifier for the user who is performing the transaction. If null, the column is derived from CREATED_ BY_USERNAME or set to the user currently running the report
DEST_ CREATION_DATE	NULLABLE	DATE	Date that the transaction is performed
DEST_LAST_ UPDATED_BY	NULLABLE	NUMBER	Identifier for the user who last updated the record
DEST_LAST_ UPDATE_DATE	NULLABLE	DATE	Date that the transaction is performed
DEST_ENTITY_ UPD_DATE	NULLABLE	DATE	Date that the transaction is performed
USER_ID	NULLABLE	NUMBER	Unique identifier for the user
DEST_USER_ID	NULLABLE	NUMBER	Internal identifier for a user. This should normally be left blank and will be defaulted from KNTA_USERS_S. If a value is entered, it should be derived from KNTA_USERS_ S sequence
USERNAME	NULLABLE	VARCHAR2(200)	Name of the user in the source
DEST_ USERNAME	NULLABLE	VARCHAR2(200)	Username that will be used to Logon
PASSWORD	NULLABLE	VARCHAR2(200)	Password for the user (will be defaulted from the report)

Column Name	Null?	Data Type	Description
PASSWORD_ EXPIRATION_ DAYS	NULLABLE	NUMBER	Number of days in which current password expires
PASSWORD_ EXPIRATION_ DATE	NULLABLE	DATE	Effective date when the password for user ID will expire
EMAIL_ADDRESS	NULLABLE	VARCHAR2(80)	E-Mail address of the user
FIRST_NAME	NULLABLE	VARCHAR2(80)	User's first name
LAST_NAME	NULLABLE	VARCHAR2(80)	User's last name
START_DATE	NULLABLE	DATE	Start date for the user
END_DATE	NULLABLE	DATE	End date for the user
DEFAULT_ ACCELERATOR_ ID	NULLABLE	NUMBER	Default accelerator ID of the user
SOURCE_TYPE_ CODE	NULLABLE	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, and so on)
SOURCE	NULLABLE	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update
USER_DATA_ SET_CONTEXT_ID	NULLABLE	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1-20	NULLABLE	VARCHAR2(200)	User data segment
VISIBLE_USER_ DATA1-20	NULLABLE	VARCHAR2(200)	User data segment
AUTHENTICATION _MODE	NULLABLE	VARCHAR2(30)	Authentication Mode of the user. If user being imported from LDAP server, then will be automatically set to LDAP otherwise will be set to KINTANA

Column Name	Null?	Data Type	Description
SCREEN_ID	NULLABLE	NUMBER	Optional. Will be given a default value. Determines which screen is shown when the user logs on first
SHORTCUT_BAR_FLAG	NULLABLE	VARCHAR2(1)	Optional. Will be given a default value. Determines whether the shortcut bar is shown in the screen manager
SHORTCUT_BAR_LOC_CODE	NULLABLE	VARCHAR2(4)	Optional. Will be given a default value. Determines the position within the screen manager where the shortcut bar is displayed
SAVE_WINDOW_BOUNDS_FLAG	NULLABLE	VARCHAR2(1)	Optional. Will be given a default value. Determines whether the size and location of the screen manager window are saved each time the user logs off; if saved, the settings are the default when the user next logs on
WINDOW_HEIGHT	NULLABLE	NUMBER	Optional. Will be given a default value. Determines the default height of the screen manager window
WINDOW_WIDTH	NULLABLE	NUMBER	Optional. Will be given a default value. Determines the default width of the screen manager window
WINDOW_X_LOCATION	NULLABLE	NUMBER	Optional. Will be given a default value. Determines the horizontal position of the screen manager window
WINDOW_Y_LOCATION	NULLABLE	NUMBER	Optional. Will be given a default value. Determines the vertical position of the screen manager window

Column Name	Null?	Data Type	Description
REUSE_ INTERNAL_ FRAME_FLAG	NULLABLE	VARCHAR2(1)	Optional. Will be given a default value. Determines whether multiple internal frames can be opened within each screen
SHOW_ALL_ WORKFLOW_ STEPS_FLAG	NULLABLE	VARCHAR2(1)	Optional. Will be given a default value. Determines whether all workflow steps are shown within workflow status panels
SHOW_ TRAVERSED_ STEPS_FLAG	NULLABLE	VARCHAR2(1)	Optional. Will be given a default value. Determines whether steps that have been traversed and are no longer active are shown within workflow status panels
NUM_BRANCH_ STEPS_TO_ SHOW	NULLABLE	NUMBER	Optional. Will be given a default value. Determines how many steps of each branch are shown within workflow status panels, if a currently active workflow step leads to several branches
NUM_KNOWN_ REACH_STEPS_ TO_SHOW	NULLABLE	NUMBER	Optional. Will be given a default value. Determines how many steps of a non-branching path are shown within workflow status panels
HIDE_ IMMEDIATE_ STEPS_FLAG	NULLABLE	VARCHAR2(1)	Optional. Will be given a default value. Determines whether workflow steps based upon immediate executions and conditions are shown within workflow status panels

Column Name	Null?	Data Type	Description
SHOW_CHANGE_ WARNINGS_FLAG	NULLABLE	VARCHAR2(1)	Optional. Will be given a default value. Determines whether warning messages are displayed when you update a business entity that is used by another entity (for example, when you update a workflow that is used by a change request line)
HIDE_ CANCELLED_ CRL_FLAG	NULLABLE	VARCHAR2(1)	Optional. Will be given a default value. Determines whether cancelled package lines are displayed in the Packages screen.
DEFAULT_ BROWSER	NULLABLE	VARCHAR2(300)	Default browser associated with the user
DEST_USER_ PROFILE_ID	NULLABLE	NUMBER	Should be left blank. Will be derived from KNTA_USER_ PROFILES_S
COMPANY	NULLABLE	VARCHAR2(30)	This is used to associate a user with a company
LOGON_ IDENTIFIER	NULLABLE	VARCHAR2(200)	Logon ID of the user. Used when the server is started in LOGON_ID mode.
DOMAIN	NULLABLE	VARCHAR2(80)	WINDOWS domain to use when logging in. Used for NTLM Authentication Mode.
PHONE_NUMBER	NULLABLE	VARCHAR2(30)	Contact number for the User.
COST_RATE	NULLABLE	NUMBER	Dollar amount that this User costs the company per hour.
WORKLOAD_ CAPACITY	NULLABLE	NUMBER	% of the workday the Resource can be scheduled for work within the system.
MAX_ROWS_ PORTLETS	NULLABLE	NUMBER	Default number or rows that this user should see in a Portlet
DEPARTMENT_ CODE	NULLABLE	VARCHAR2(30)	Lookup code for 'DEPT'

Column Name	Null?	Data Type	Description
DEPARTMENT_ MEANING	NULLABLE	VARCHAR2(80)	Lookup meaning for 'DEPT'
LOCATION_CODE	NULLABLE	VARCHAR2(30)	Lookup code for 'RSC - Location'
LOCATION_ MEANING	NULLABLE	VARCHAR2(80)	Lookup meaning for 'RSC - Location'
MANAGER_ USER_ID	NULLABLE	NUMBER	ID of user who manages this User
MANAGER_ USERNAME	NULLABLE	VARCHAR2(200)	Username corresponding to the manager.
MANAGER_ LOGON_ IDENTIFIER	NULLABLE	VARCHAR2(200)	Logon Identifier (as defined in the KNTA_USERS table) corresponding to the manager.
RESOURCE_ CATEGORY_ CODE	NULLABLE	VARCHAR2(30)	Lookup code for 'RSC - Resource Category'
RESOURCE_ CATEGORY_ MEANING	NULLABLE	VARCHAR2(80)	Lookup meaning for 'RSC - Resource Category'
RESOURCE_ TITLE_CODE	NULLABLE	VARCHAR2(30)	Lookup code for 'RSC - Resource Title'
RESOURCE_ TITLE_MEANING	NULLABLE	VARCHAR2(80)	Lookup code for 'RSC - Resource Category'
PRODUCT_ID_ LIST	NULLABLE	VARCHAR2(200)	List of products (licenses) to associate this user with.
LABOR_ CATEGORY_ CODE	NULLABLE	VARCHAR2(120)	
LABOR_ CATEGORY_ MEANING	NULLABLE	VARCHAR2(320)	
DATA_LANG	NULLABLE	VARCHAR2(40)	

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_USERS_INT_N1	NONUNIQUE	1	USERNAME
KNTA_USERS_INT_N1	NONUNIQUE	2	GROUP_ID
KNTA_USERS_INT_N2	NONUNIQUE	1	LOGON_IDENTIFIER
KNTA_USERS_INT_N2	NONUNIQUE	2	GROUP_ID
KNTA_USERS_INT_N3	NONUNIQUE	1	DEST_USER_ID
KNTA_USERS_INT_N3	NONUNIQUE	2	GROUP_ID
KNTA_USERS_INT_N4	NONUNIQUE	1	DEST_USERNAME
KNTA_USERS_INT_N4	NONUNIQUE	2	GROUP_ID
KNTA_USERS_INT_N5	NONUNIQUE	1	SYS_NC00111$
KNTA_USERS_INT_N6	NONUNIQUE	1	GROUP_ID
KNTA_USERS_INT_U1	NONUNIQUE	1	TRANSACTION_ID

Sequences

This table uses no sequences.

KNTA_VALID_SQL_HEADERS

This table stores the columns Headers for validation with component type set to autocomplete list.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_VALIDATIONS_NLS	VALIDATION_ID	VALIDATION_ID

Column Descriptions

Column Name	Null?	Data Type	Description
VALIDATION_SQL_HEADER_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
VALIDATION_ID	NOT NULL	NUMBER	
COLUMN_SEQUENCE	NOT NULL	NUMBER	
COLUMN_HEADER	NOT NULL	VARCHAR2(80)	
DISPLAYED_FLAG	NOT NULL	VARCHAR2(1)	
COLUMN_WIDTH	NULLABLE	NUMBER	
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(30)	
SOURCE	NULLABLE	VARCHAR2(100)	
DEFINITION_LANGUAGE	NOT NULL	VARCHAR2(40)	
REFERENCE_CODE	NOT NULL	VARCHAR2(200)	

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_VALIDATION_SQL_HEADERS_U1	UNIQUE	1	VALIDATION_SQL_HEADER_ID
SYS_C005199184	UNIQUE	1	REFERENCE_CODE

Sequences

This table uses no sequences.

KNTA_VALIDATION_FILTERS

This table stores the definition of the filter fields associated with validations.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_PARAM_SET_FIELDS_NLS	PARAMETER_SET_FIELD_ID	PARAMETER_SET_FIELD_ID
KRML_PARAMETER_SET_FLDS_COPY	PARAMETER_SET_FIELD_ID	PARAMETER_SET_FIELD_ID

Column Descriptions

Column Name	Null?	Data Type	Description
VALIDATION_FILTER_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
PARAMETER_SET_FIELD_ID	NOT NULL	NUMBER	Identifier for the field's definition
WHERE_CLAUSE	NOT NULL	VARCHAR2(4000)	Clause to be appended to the query when a value is specified for this filter field
SEQUENCE	NOT NULL	NUMBER	Indicates the order in which filters for a validation are to be applied

Column Name	Null?	Data Type	Description
FILTER_TYPE_CODE	NOT NULL	VARCHAR2(30)	Specifies the type of this filter
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, and so on).
SOURCE	NULLABLE	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_VALIDATION_FILTERS_U1	UNIQUE	1	VALIDATION_FILTER_ID
KNTA_VALIDATION_FILTERS_U2	UNIQUE	1	PARAMETER_SET_FIELD_ID

Sequences

Sequence Name	Sequence Type
KNTA_VALIDATION_FILTERS_S	VALIDATION_FILTER_ID

KNTA_VALIDATION_PROFILES

This table links the static fields within the application screens to a validation. This layer of indirection allows an end user or consultant to change the validation associated with a fixed component.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_SCREENS_NLS	SCREEN_ID	SCREEN_ID
KNTA_VALIDATIONS_NLS	VALIDATION_ID	ALL_VALIDATION_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_ENTITIES_NLS	VALIDATION_ID	VALIDATION_ID
KNTA_VALIDATIONS_NLS	VALIDATION_ID	ORIGINAL_VALIDATION_ID
KNTA_VALIDATIONS_NLS	VALIDATION_ID	VALIDATION_ID

Column Descriptions

Column Name	Null?	Data Type	Description
VALIDATION_PROFILE_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
SCREEN_ID	NOT NULL	NUMBER	

Column Name	Null?	Data Type	Description
COMPONENT_NAME	NOT NULL	VARCHAR2(80)	
COMPONENT_PROMPT	NULLABLE	VARCHAR2(80)	
ORIGINAL_ COMPONENT_PROMPT	NULLABLE	VARCHAR2(80)	
COMPONENT_TABLE_ NAME	NOT NULL	VARCHAR2(30)	
COMPONENT_ COLUMN_NAME	NOT NULL	VARCHAR2(30)	
COMPONENT_ DATATYPE	NULLABLE	VARCHAR2(30)	
VALIDATION_ID	NOT NULL	NUMBER	
ORIGINAL_ VALIDATION_ID	NOT NULL	NUMBER	
DESCRIPTION	NULLABLE	VARCHAR2(200)	
AUDIT_ELIGIBLE_FLAG	NOT NULL	VARCHAR2(1)	
TRANS_HISTORY_FLAG	NOT NULL	VARCHAR2(1)	
NOTES_HISTORY_FLAG	NOT NULL	VARCHAR2(1)	
PRODUCT_CODE	NULLABLE	VARCHAR2(30)	
USER_MAINTAINABLE_ FLAG	NOT NULL	VARCHAR2(1)	
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	
WORKBENCH_ONLY_ FLAG	NOT NULL	VARCHAR2(1)	
ALL_VALIDATION_ID	NULLABLE	NUMBER	
CONTEXT_ENABLED_ FLAG	NOT NULL	VARCHAR2(1)	
VISIBLE_COLUMN_ NAME	NULLABLE	VARCHAR2(30)	
DEFINITION_LANGUAGE	NOT NULL	VARCHAR2(40)	

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_VALIDATION_ PROFILES_N1	NONUNIQUE	1	SCREEN_ID
KNTA_VALIDATION_ PROFILES_U1	UNIQUE	1	VALIDATION_ PROFILE_ID
KNTA_VALIDATION_ PROFILES_U2	UNIQUE	1	COMPONENT_ NAME

Sequences

This table uses no sequences.

KNTA_VALIDATIONS

This table stores all of the information about validations. This information includes the type of component as well as what method is used to validate the data.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	USER_DATA_SET_CONTEXT_ID

Column Descriptions

Column Name	Null?	Data Type	Description
VALIDATION_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
VALIDATION_NAME	NOT NULL	VARCHAR2(150)	
DESCRIPTION	NULLABLE	VARCHAR2(400)	
COMPONENT_TYPE_CODE	NOT NULL	VARCHAR2(30)	
VALIDATION_TYPE_CODE	NULLABLE	VARCHAR2(30)	
MAX_LENGTH	NULLABLE	NUMBER	

Column Name	Null?	Data Type	Description
DATA_MASK_CODE	NOT NULL	VARCHAR2(30)	
DATA_DELIMITER	NULLABLE	VARCHAR2(30)	
DECIMAL_PLACES	NULLABLE	NUMBER	
DATE_FORMAT	NULLABLE	VARCHAR2(30)	
TIME_FORMAT	NULLABLE	VARCHAR2(30)	
LOOKUP_TYPE	NULLABLE	VARCHAR2(150)	
VALIDATION_SQL	NULLABLE	VARCHAR2(4000)	
BASE_FILE_NAME_ FLAG	NOT NULL	VARCHAR2(1)	
ENV_BEHAVIOR_CODE	NULLABLE	VARCHAR2(30)	
ALT_ENV_ID	NULLABLE	NUMBER	
ALT_ENV_TOKEN	NULLABLE	VARCHAR2(200)	
ALT_SVR_PATH	NULLABLE	VARCHAR2(200)	
ALT_CLI_PATH	NULLABLE	VARCHAR2(200)	
ORIGINAL_USE_IN_ WORKFLOW_FLAG	NULLABLE	VARCHAR2(1)	
USE_IN_WORKFLOW_ FLAG	NOT NULL	VARCHAR2(1)	
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(30)	
SOURCE	NULLABLE	VARCHAR2(100)	
USER_DATA_SET_ CONTEXT_ID	NULLABLE	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1-20	NULLABLE	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA1-20	NULLABLE	VARCHAR2(200)	User data segment
USER_INSTRUCTIONS	NULLABLE	VARCHAR2(4000)	
USE_BIND_VARIABLES_ FLAG	NOT NULL	VARCHAR2(1)	
PARAMETER1-20	NULLABLE	VARCHAR2(200)	
VISIBLE_PARAMETER1-20	NULLABLE	VARCHAR2(200)	
DEFINITION_LANGUAGE	NOT NULL	VARCHAR2(40)	

Column Name	Null?	Data Type	Description
VALIDATION_SQL_MLS	NULLABLE	VARCHAR2(4000)	
REFERENCE_CODE	NOT NULL	VARCHAR2(200)	
VALIDATION_TREE_SQL	NULLABLE	VARCHAR2(4000)	Restricted - Internal Use

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_VALIDATIONS_U1	UNIQUE	1	VALIDATION_ID
KNTA_VALIDATIONS_U2	UNIQUE	1	VALIDATION_ NAME
SYS_C005199137	UNIQUE	1	REFERENCE_ CODE

Sequences

This table uses no sequences.

KNTA_VERSION_HISTORY

This table stores all product upgrades run against this instance.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
VERSION_ HISTORY_ID	NOT NULL	NUMBER	System-generated identifier
VERSION_ NUMBER	NOT NULL	VARCHAR2(20)	Version number of the product in the form X.X.X.X (for example, 3.0.0.38)
UPGRADE_DATE	NOT NULL	DATE	Date on which this instance was upgraded to version VERSION_NUMBER

Indexes

This table uses no indexes.

Sequences

Sequence Name	Sequence Type
KNTA_VERSION_HISTORY_S	VERSION_HISTORY_ID

KNTA_WEBSESSION_KEYS

This table stores web session keys that are generated each time a user attempts to login using a web browser. This table is periodically cleaned up by a service. The table is empty if this feature is turned off (default).

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
WEBSESSION_KEY_ID	NOT NULL	NUMBER	System-generated identifier
WEBSESSION_KEY	NOT NULL	NUMBER	Random number assigned to this web session
CREATION_DATE	NOT NULL	DATE	Date record was created
CLIENT_ADDRESS	NOT NULL	VARCHAR2(30)	Hostname or IP address of the user where web session is created

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_WEBSESSION_KEYS_N1	UNIQUE	1	WEBSESSION_KEY_ID
KNTA_WEBSESSION_KEYS_N2	NONUNIQUE	1	WEBSESSION_KEY
KNTA_WEBSESSION_KEYS_N2	NONUNIQUE	2	CLIENT_ADDRESS

Sequences

This table uses no sequences.

KPFM_CONFIGURATIONS

This table stores the configuration for PFM product. The configuration applies to the entire product for every user. There is currently only 1 row in this table.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
CONFIGURATION _ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
RETURN_ON_ INVESTMENT_ FLAG	NOT NULL	VARCHAR2(1)	Keeps track of whether users use ROI. Default is Y.
NET_PRESENT_ VALUE_FLAG	NOT NULL	VARCHAR2(1)	Keeps track of whether users use NPV. Default is N.
CUSTOM_FIELD_ VALUE_FLAG	NOT NULL	VARCHAR2(1)	Keeps track of whether users need to use a custom financial metric. Default is N.
PROJECT_ CLASS_FLAG	NOT NULL	VARCHAR2(1)	Keeps track of whether users want to track entities in project class. Default is U.
ASSET_CLASS_ FLAG	NOT NULL	VARCHAR2(1)	Keeps track of whether users want to track entities in asset class. Default is U.

Indexes

This table uses no indexes.

Sequences

Sequence Name	Sequence Type
KPFM_CONFIGURATIONS_S	CONFIGURATION_ID

KPFM_LAST_VISITED_SCEN_COMP

This table stores the most recently viewed scenario comparison for each user.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	USER_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KPFM_SCENARIO_ COMPARISONS	SCEN_COMPARISON_ID	SCEN_COMPARISON_ID
KNTA_USERS	USER_ID	CREATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
LAST_VISITED_ SCEN_COMP_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
USER_ID	NOT NULL	NUMBER	ITG User
SCEN_ COMPARISON_ID	NOT NULL	NUMBER	Most recently view scenario comparison ID.

Indexes

Index Name	Index Type	Sequence	Column Name
KPFM_LAST_VISITED_ SCEN_COMP_N1	NONUNIQUE	1	SCEN_ COMPARISON_ID
KPFM_LAST_VISITED_ SCEN_COMP_U1	UNIQUE	1	LAST_VISITED_ SCEN_COMP_ID
KPFM_LAST_VISITED_ SCEN_COMP_U2	UNIQUE	1	USER_ID

Sequences

Sequence Name	Sequence Type
KPFM_LAST_VISITED_SCEN_COMP_S	LAST_VISITED_SCEN_COMP_ID

KPFM_PORTFOLIO_LIFE_CYCLE

This table stores the history of PFM entity lifecycle from proposal to project to asset. Whenever a proposal spawns a project or when a project spawns an asset, a row is inserted in this table.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_REQUESTS	REQUEST_ID	FROM_REQUEST_ID
KCRT_REQUESTS	REQUEST_ID	TO_REQUEST_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
PORTFOLIO_ LIFE_CYCLE_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
FROM_ REQUEST_ID	NOT NULL	NUMBER	Spawning request ID
FROM_PFM_ TYPE_CODE	NOT NULL	VARCHAR2(30)	Spawning entity, this is either PROPOSAL or PROJECT
TO_REQUEST_ID	NOT NULL	NUMBER	Spawned request ID
TO_PFM_TYPE_ CODE	NOT NULL	VARCHAR2(30)	Spawned entity, this is either PROJECT or ASSET

Indexes

Index Name	Index Type	Sequence	Column Name
KPFM_PORTFOLIO_LIFE_CYCLE_N1	NONUNIQUE	1	FROM_REQUEST_ID
KPFM_PORTFOLIO_LIFE_CYCLE_N2	NONUNIQUE	1	TO_REQUEST_ID
KPFM_PORTFOLIO_LIFE_CYCLE_U1	UNIQUE	1	PORTFOLIO_LIFE_CYCLE_ID

Sequences

Sequence Name	Sequence Type
KPFM_PORTFOLIO_LIFE_CYCLE_S	PORTFOLIO_LIFE_CYCLE_ID

KPFM_SCEN_COMP_CAPACITIES

This table stores capacity information on budget and staffing for scenario comparisons.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KPFM_SCENARIO_COMPARISONS	SCEN_COMPARISON_ID	SCEN_COMPARISON_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	CREATED_BY
KNTA_ENTITIES_NLS	ENTITY_ID	ENTITY_ID

Column Descriptions

Column Name	Null?	Data Type	Description
SCEN_COMP_CAPACITY_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
SCEN_COMPARISON_ID	NOT NULL	NUMBER	Scenario comparison ID
ENTITY_ID	NULLABLE	NUMBER	Entity of capacity. This is either budget or resource pool entity ID.
ENTITY_PRIMARY_KEY	NULLABLE	NUMBER	Primary key of capacity. This is either BUDGET_D or RSC_POOL_ID.

Indexes

Index Name	Index Type	Sequence	Column Name
KPFM_SCEN_COMP_ CAPACITIES_N1	NONUNIQUE	1	SCEN_ COMPARISON_ID
KPFM_SCEN_COMP_ CAPACITIES_N2	NONUNIQUE	1	ENTITY_ID
KPFM_SCEN_COMP_ CAPACITIES_N2	NONUNIQUE	2	ENTITY_ PRIMARY_KEY
KPFM_SCEN_COMP_ CAPACITIES_U1	UNIQUE	1	SCEN_COMP_ CAPACITY_ID

Sequences

Sequence Name	Sequence Type
KPFM_SCEN_COMP_ CAPACITIES_S	SCEN_COMP_CAPACITY_ ID

KPFM_SCEN_COMPARISON_ACCESS

This table stores users who have access to a particular scenario comparison. Any users specified here must also have at least PFM edit or view access grants. By having a row here automatically give them view permission

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KPFM_SCENARIO_ COMPARISONS	SCEN_COMPARISON_ ID	SCEN_COMPARISON_ ID
KNTA_USERS	USER_ID	USER_ID

Column Descriptions

Column Name	Null?	Data Type	Description
SCEN_ COMPARISON_ ACCESS_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
SCEN_ COMPARISON_ID	NOT NULL	NUMBER	Scenario comparison ID
USER_ID	NOT NULL	NUMBER	User ID
EDIT_BASIC_INFO_ FLAG	NOT NULL	VARCHAR2(1)	Indicates whether the user can edit basic info for the scenario comparison

Column Name	Null?	Data Type	Description
EDIT_CONTENT_ FLAG	NOT NULL	VARCHAR2(1)	Indicates whether the user can edit PFM entity content for the scenario comparison.
EDIT_SECURITY_ FLAG	NOT NULL	VARCHAR2(1)	Indicates whether the user can edit security info for the scenario comparison
DELETE_SCEN_ COMP_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether the user can delete the scenario comparison

Indexes

Index Name	Index Type	Sequence	Column Name
KPFM_SCEN_ COMPARISON_ACCESS_N1	NONUNIQUE	1	SCEN_ COMPARISON_ID
KPFM_SCEN_ COMPARISON_ACCESS_N2	NONUNIQUE	1	USER_ID
KPFM_SCEN_ COMPARISON_ACCESS_U1	UNIQUE	1	SCEN_ COMPARISON_ ACCESS_ID

Sequences

Sequence Name	Sequence Type
KPFM_SCEN_ COMPARISON_ACCESS_S	SCEN_COMPARISON_ ACCESS_ID

KPFM_SCENARIO_COMPARISONS

This table stores scenarios comparisons.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
PPM_FISCAL_PERIODS_NLS	FISCAL_PERIOD_ID	END_PERIOD_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
PPM_FISCAL_PERIODS_NLS	FISCAL_PERIOD_ID	START_PERIOD_ID

Column Descriptions

Column Name	Null?	Data Type	Description
SCEN_COMPARISON_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
START_PERIOD_ID	NOT NULL	NUMBER	Optional. This column stores the starting month of the scenario comparison.
END_PERIOD_ID	NOT NULL	NUMBER	Optional. This column stores the ending month of the scenario comparison.

Column Name	Null?	Data Type	Description
SCEN_ COMPARISON_ NAME	NOT NULL	VARCHAR2(100)	Name for scenario comparison
DESCRIPTION	NULLABLE	VARCHAR2(250)	Description for scenario comparison
ACTIVE_FLAG	NOT NULL	VARCHAR2(1)	Whether or not this scenario comparison is active

Indexes

Index Name	Index Type	Sequence	Column Name
KPFM_SCENARIO_ COMPARISONS_N1	NONUNIQUE	1	CREATED_BY
KPFM_SCENARIO_ COMPARISONS_U1	UNIQUE	1	SCEN_ COMPARISON_ID
KPFM_SCENARIO_ COMPARISONS_U2	UNIQUE	1	SCEN_ COMPARISON_NAME

Sequences

Sequence Name	Sequence Type
KPFM_SCENARIO_ COMPARISONS_S	SCEN_COMPARISON_ID

KPFM_SCENARIO_CONTENTS

Each scenario contains a list of PFM entities and each scenarios include or exclude them. This table stores the content of the PFM entities and whether they are included in the scenario. Note that if a scenario comparison contains 10 entities, you will have 30 rows in this table since there are always 3 scenarios per comparison.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KPFM_SCENARIO_ COMPARISONS	SCEN_COMPARISON_ID	SCEN_COMPARISON_ID
KNTA_USERS	USER_ID	CREATED_BY
KPFM_SCENARIOS	SCENARIO_ID	SCENARIO_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID

Column Descriptions

Column Name	Null?	Data Type	Description
SCENARIO_ CONTENT_ID	NOT NULL	NUMBER	System-generated identifier
SCEN_ COMPARISON_ID	NOT NULL	NUMBER	Scenario comparison ID the content belongs to.
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
SCENARIO_ID	NOT NULL	NUMBER	Scenario ID

Column Name	Null?	Data Type	Description
REQUEST_ID	NOT NULL	NUMBER	PFM Center entity ID
INCLUDE_IN_ SCENARIO_FLAG	NOT NULL	VARCHAR2(1)	Whether or not the scenario (specified in SCENARIO_ID column) includes the PFM entity (specified in REQUEST_ID) column. The value in this column is Y or N.
PLAN_PERIOD_ OFFSET	NOT NULL	NUMBER	Offset between the scenario start and the what-if start

Indexes

Index Name	Index Type	Sequence	Column Name
KPFM_SCENARIO_ CONTENTS_N1	NONUNIQUE	1	SCEN_COMPARISON_ID
KPFM_SCENARIO_ CONTENTS_N2	NONUNIQUE	1	REQUEST_ID
KPFM_SCENARIO_ CONTENTS_N3	NONUNIQUE	1	SCENARIO_ID
KPFM_SCENARIO_ CONTENTS_U2	UNIQUE	1	SCENARIO_CONTENT_ID
KPFM_SCENARIO_ CONTENTS_U2	UNIQUE	2	REQUEST_ID

Sequences

Sequence Name	Sequence Type
KPFM_SCENARIO_ CONTENTS_S	SCENARIO_CONTENT_ID

KPFM_SCENARIOS

This table stores the scenarios for each scenario comparison. Currently each scenario comparison should have three scenarios thus three rows in this table.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KPFM_SCENARIO_ COMPARISONS	SCEN_COMPARISON_ID	SCEN_COMPARISON_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
SCENARIO_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
ENTITY_LAST_ UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
SCENARIO_ NAME	NOT NULL	VARCHAR2(100)	Name for the scenario
SCEN_ COMPARISON_ID	NOT NULL	NUMBER	Scenario comparison ID this scenario belongs to
SEQ	NOT NULL	NUMBER	Sequence of the scenarios. This ranges from 1 to 3 and is to make sure scenarios always appear in the same order.

Indexes

Index Name	Index Type	Sequence	Column Name
KPFM_SCENARIOS_N1	NONUNIQUE	1	SCEN_ COMPARISON_ID
KPFM_SCENARIOS_U1	UNIQUE	1	SCENARIO_ID

Sequences

Sequence Name	Sequence Type
KPFM_SCENARIOS_S	SCENARIO_ID

KPFM_SCORE_CRITERIA

This table stores a list of scoring criteria. Each valid criterion must have a matching validation that starts with 'PFM Score -'.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KPFM_SCORE_DOMAINS_NLS	SCORE_DOMAIN_ID	SCORE_DOMAIN_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
SCORE_CRITERION_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
SCORE_CRITERION_WEIGHT	NOT NULL	NUMBER	This is the weight of score criterion
SCORE_DOMAIN_ID	NOT NULL	NUMBER	Score domain the criterion belongs to
SCORE_CRITERION_NAME	NULLABLE	VARCHAR2(150)	Name for the score criterion
VALIDATION_REFERENCE_CODE	NULLABLE	VARCHAR2(200)	Validation that the score criterion links to
DEFINITION_LANGUAGE	NOT NULL	VARCHAR2(40)	Language this row was defined in
REFERENCE_CODE	NOT NULL	VARCHAR2(200)	Reference code used to distinguish between different records

Indexes

Index Name	Index Type	Sequence	Column Name
KPFM_SCORE_ CRITERIA_N1	NONUNIQUE	1	SCORE_DOMAIN_ID
KPFM_SCORE_ CRITERIA_U1	UNIQUE	1	SCORE_CRITERION_ ID
SYS_C005199277	UNIQUE	1	REFERENCE_CODE

Sequences

Sequence Name	Sequence Type
KPFM_SCORE_ CRITERIA_S	SCORE_CRITERION_ID

KPFM_SCORE_DOMAINS

This table stores the scoring domains. Currently we supply 2 domains with PFM product, and we do not provide interface for the customers to edit them unless they manually go through database tables.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	CREATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
SCORE_ DOMAIN_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
ENTITY_LAST_ UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
SCORE_ DOMAIN_NAME	NOT NULL	VARCHAR2(200)	Name for the score domain
SCORE_ DOMAIN_ WEIGHT	NOT NULL	NUMBER	Calculating weight for the score. Enter -1 is the scores from this domain should be subtracted from the total score.
DEFINITION_ LANGUAGE	NOT NULL	VARCHAR2(40)	Language this row was defined in
REFERENCE_ CODE	NOT NULL	VARCHAR2(200)	Reference code used to distinguish between different records

Indexes

Index Name	Index Type	Sequence	Column Name
KPFM_SCORE_ DOMAINS_U1	UNIQUE	1	SCORE_DOMAIN_ID
KPFM_SCORE_ DOMAINS_U2	UNIQUE	1	SCORE_DOMAIN_ NAME
SYS_C005199292	UNIQUE	1	REFERENCE_CODE

Sequences

Sequence Name	Sequence Type
KPFM_SCORE_ DOMAINS_S	SCORE_DOMAIN_ID

KPFM_SCORE_SELECTIONS

This table stores selections of each score criterion.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KPFM_SCORE_ CRITERIA_NLS	SCORE_CRITERION_ID	SCORE_CRITERION_ID

Column Descriptions

Column Name	Null?	Data Type	Description
SCORE_ SELECTION_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
SCORE_ CRITERION_ID	NOT NULL	NUMBER	Score criterion that the selection links to
SCORE_ SELECTION_ VALUE	NOT NULL	NUMBER	Integer value of the selection
SCORE_ SELECTION_ NAME	NOT NULL	VARCHAR2(200)	Name or description of the selection
DEFINITION_ LANGUAGE	NOT NULL	VARCHAR2(40)	Language this row was defined in
REFERENCE_ CODE	NOT NULL	VARCHAR2(200)	Reference code used to distinguish between different records

Indexes

Index Name	Index Type	Sequence	Column Name
KPFM_SCORE_ SELECTIONS_N1	NONUNIQUE	1	SCORE_ CRITERION_ID
KPFM_SCORE_ SELECTIONS_U1	UNIQUE	1	SCORE_ SELECTION_ID
SYS_C005199307	UNIQUE	1	REFERENCE_CODE

Sequences

Sequence Name	Sequence Type
KPFM_SCORE_ SELECTIONS_S	SCORE_SELECTION_ID

KPMO_BUSINESS_OBJECTIVES

This table stores all the information pertaining to a Business Objective.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
BUSINESS_ OBJECTIVE_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
ENTITY_LAST_ UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
BUSINESS_ OBJECTIVE_ NAME	NOT NULL	VARCHAR2(80)	Name of the business objective, this is a translatable column
OWNER_IDS	NULLABLE	VARCHAR2(200)	List of owners that own this business objective
RELATIVE_ PRIORITY	NULLABLE	NUMBER	Relative priority of this business objective

Column Name	Null?	Data Type	Description
STATE_CODE	NULLABLE	VARCHAR2(30)	State of this business objective: see look up type "PMO business Objective states"
DESCRIPTION	NULLABLE	VARCHAR2(4000)	Description of this business objective
DEFINITION_ LANGUAGE	NOT NULL	VARCHAR2(40)	Language in which this business objective is defined

Indexes

Index Name	Index Type	Sequence	Column Name
KPMO_BUSINESS_ OBJECTIVES_U1	UNIQUE	1	BUSINESS_ OBJECTIVE_ID

Sequences

This table uses no sequences.

KPMO_PROGRAM_BUSINESS_OBJ

This cross-reference table joins Programs to their related Business Objectives.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KPMO_BUSINESS_ OBJECTIVES_NLS	BUSINESS_ OBJECTIVE_ID	BUSINESS_OBJECTIVE_ ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
PROGRAM_ BUSINESS_OBJ_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
BUSINESS_ OBJECTIVE_ID	NOT NULL	NUMBER	Identifier for the business objective
PROGRAM_ID	NOT NULL	NUMBER	Identifier for the program

Indexes

Index Name	Index Type	Sequence	Column Name
KPMO_PROGRAM_ BUSINESS_OBJ_N1	NONUNIQUE	1	BUSINESS_ OBJECTIVE_ID
KPMO_PROGRAM_ BUSINESS_OBJ_N2	NONUNIQUE	1	PROGRAM_ID
KPMO_PROGRAM_ BUSINESS_OBJ_U1	UNIQUE	1	PROGRAM_ BUSINESS_OBJ_ID

Sequences

Sequence Name	Sequence Type
KPMO_PROGRAM_ BUSINESS_OBJ_S	PROGRAM_BUSINESS_ OBJ_ID

KPPO_OPT_MIX_ENTRIES

This is a child of KPPO_OPT_PARAMETERS and stores the details of the mix thresholds for Business Objectives, Project class, and asset class.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KPPO_OPT_ PARAMETERS	OPT_PARAMETERS_ID	OPT_PARAMETERS_ID

Column Descriptions

Column Name	Null?	Data Type	Description
OPT_MIX_ENTRY_ ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
OPT_ PARAMETERS_ID	NOT NULL	NUMBER	Key in KPPO_OPT_ PARAMETERS that is the parent of this row
MIX_TYPE_CODE	NOT NULL	VARCHAR2(30)	BUSINESS_OBJECTIVE, PROJECT_CLASS, or ASSET_CLASS indicates which of the three this entry relates to

Column Name	Null?	Data Type	Description
MIX_CODE	NOT NULL	VARCHAR2(30)	Code for the sub item of the class, for example if the mix type is BUSINESS_ OBJECTIVE, this would be the business objective ID
THRESHOLD	NULLABLE	NUMBER	Value of the threshold (0-100%)

Indexes

Index Name	Index Type	Sequence	Column Name
KPPO_OPT_MIX_ ENTRIES_N1	NONUNIQUE	1	OPT_PARAMETERS_ID
KPPO_OPT_MIX_ ENTRIES_U1	UNIQUE	1	OPT_MIX_ENTRY_ID

Sequences

Sequence Name	Sequence Type
KPPO_OPT_MIX_ ENTRIES_S	OPT_MIX_ENTRY_ID

KPPO_OPT_PARAMETERS

This table stores header level optimization information related to a particular scenario or efficient frontier (within a scenario comparison). It is a parent of the KPPO_OPT_MIX_ENTRIES and KPPO_PER_PROJECT_SETTINGS tables.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KPFM_SCENARIOS	SCENARIO_ID	SCENARIO_ID
KPFM_SCENARIO_ COMPARISONS	SCEN_COMPARISON_ID	SCEN_COMPARISON_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
OPT_ PARAMETERS_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
ENTITY_LAST_ UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
SCENARIO_ID	NULLABLE	NUMBER	Reference to KPFM_SCENARIOS for which scenario these optimization parameters are for
SCEN_ COMPARISON_ID	NULLABLE	NUMBER	Reference to KPFM_SCENARIO_ COMPARISONS for the scenario comparison that contains the scenario that these parameters are for

Column Name	Null?	Data Type	Description
OPTIMIZED_FLAG	NOT NULL	VARCHAR2(1)	'Y' or 'N', is the scenario optimized? parameters are kept even if the optimization is disabled.
EFFICIENT_ FRONTIER_FLAG	NOT NULL	VARCHAR2(1)	'Y' or 'N', are these parameters for the efficient frontier.
RUN_DATE	NULLABLE	DATE	when was the optimizer run
OBJECTIVE_CODE	NOT NULL	VARCHAR2(30)	'SCORE', 'VALUE' or 'NPV', represents the objective of the optimization. Are we optimizing for score, value, or NPV (Net Present Value)
USE_BUDGET_ FLAG	NOT NULL	VARCHAR2(1)	'Y' or 'N', should the optimizer use the per period budget information as a constraint?
USE_RESOURCE_ POOL_FLAG	NOT NULL	VARCHAR2(1)	'Y' or 'N', should the optimizer use the per period per role resource pool information as a constraint?
ENABLE_RISK_ THRESHOLD_ FLAG	NOT NULL	VARCHAR2(1)	'Y' or 'N', should the optimizer use a constraint on the average risk that is tolerable
RISK_ THRESHOLD	NULLABLE	NUMBER	if enable_risk_threshold is Y, this contains the average risk score that can be tolerated.
ENABLE_VALUE_ THRESHOLD_ FLAG	NOT NULL	VARCHAR2(1)	'Y' or 'N', should the optimizer use a constraint on the average value that must be met
VALUE_ THRESHOLD	NULLABLE	NUMBER	if enable_value_threshold is 'Y', this contains the average value that must be met
ENABLE_ CUSTOM_ THRESHOLD_ FLAG	NOT NULL	VARCHAR2(1)	'Y' or 'N', should the optimizer use a constraint on the average value of custom field that is expected
CUSTOM_ THRESHOLD	NULLABLE	NUMBER	if enable_custom_threshold is Y, this contains the value of the constraint - it uses the threshold_ type to determine if the average value must be above or below the threshold

Column Name	Null?	Data Type	Description
CUSTOM_ THRESHOLD_ TYPE_CODE	NULLABLE	VARCHAR2(30)	'ABOVE' or 'BELOW', it indicates how the optimizer should interpret the constraint value in custom_ threshold
ENABLE_BIZ_ OBJECTIVE_MIX_ FLAG	NOT NULL	VARCHAR2(1)	'Y' or 'N', should the optimizer use a constraint on how much budget goes to a particular business objective. The rest of the data is in KPPO_OPT_MIX_ENTRIES.
ENABLE_ PROJECT_ CLASS_MIX_FLAG	NOT NULL	VARCHAR2(1)	'Y' or 'N', should the optimizer use a constraint on how much budget goes to a particular project class. The rest of the data is in KPPO_ OPT_MIX_ENTRIES.
ENABLE_ASSET_ CLASS_MIX_FLAG	NOT NULL	VARCHAR2(1)	'Y' or 'N', should the optimizer use a constraint on how much budget goes to a particular asset class. The rest of the data is in KPPO_ OPT_MIX_ENTRIES.
IS_STALE	NULLABLE	VARCHAR2(1)	'Y' or 'N', this can be set to 'Y' when the scenario changes enough to make the optimization out of date (usually changes in content)

Indexes

Index Name	Index Type	Sequence	Column Name
KPPO_OPT_PARAMETERS_U1	UNIQUE	1	OPT_PARAMETERS_ID

Sequences

Sequence Name	Sequence Type
KPPO_OPT_PARAMETERS_S	OPT_PARAMETERS_ID

KPPO_OPT_RESULT_PROJECTS

This table stores the portfolio items that the optimizer chose for its solution and a period offset if it recommends shifting the proposal or project.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KPPO_OPT_RESULTS	OPT_RESULTS_ID	OPT_RESULTS_ID
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_FG_PFM_ASSET	REQUEST_ID	REQUEST_ID
KCRT_FG_PFM_ PROJECT	REQUEST_ID	REQUEST_ID
KCRT_FG_PFM_ PROPOSAL	REQUEST_ID	REQUEST_ID

Column Descriptions

Column Name	Null?	Data Type	Description
OPT_RESULT_ PROJECT_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record

Column Name	Null?	Data Type	Description
OPT_RESULTS_ID	NOT NULL	NUMBER	foreign key reference to KPPO_OPT_RESULTS which is the parent of this row
REQUEST_ID	NOT NULL	NUMBER	the proposal, project or asset request ID that is selected by the optimizer
PERIOD_OFFSET	NOT NULL	NUMBER	the number of periods the optimizer recommends to shift the proposal or project (months). 0 means no shift.

Indexes

Index Name	Index Type	Sequence	Column Name
KPPO_OPT_RESULT_ PROJECTS_N1	NONUNIQUE	1	OPT_RESULTS_ID
KPPO_OPT_RESULT_ PROJECTS_U1	UNIQUE	1	OPT_RESULT_ PROJECT_ID

Sequences

Sequence Name	Sequence Type
KPPO_OPT_RESULT_ PROJECTS_S	OPT_RESULT_ PROJECT_ID

KPPO_OPT_RESULTS

This table stores the outcome of an optimization run for a scenario. One for each scenario optimization and 50 for an efficient frontier run (ordered by seq).

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KPFM_SCENARIOS	SCENARIO_ID	SCENARIO_ID
KPFM_SCENARIO_ COMPARISONS	SCEN_COMPARISON_ID	SCEN_COMPARISON_ID

Column Descriptions

Column Name	Null?	Data Type	Description
OPT_RESULTS_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
ENTITY_LAST_ UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
SCEN_ COMPARISON_ID	NOT NULL	NUMBER	Foreign key reference to KPFM_SCENARIO_ COMPARISONS that is a parent of this row
SCENARIO_ID	NULLABLE	NUMBER	Foreign key reference to KPFM_SCENARIOS that is a parent of this row

Column Name	Null?	Data Type	Description
TOTAL_NPV	NOT NULL	NUMBER	Total NPV calculated by the optimizer for the given solution (solution is a set of portfolio items to select stored in KPPO_OPT_RESULT_ PROJECTS).
TOTAL_RISK	NOT NULL	NUMBER	Total Risk calculated by the optimizer for the given solution (solution is a set of portfolio items to select stored in KPPO_OPT_RESULT_ PROJECTS).
TOTAL_VALUE	NOT NULL	NUMBER	Total Value calculated by the optimizer for the given solution (solution is a set of portfolio items to select stored in KPPO_OPT_RESULT_ PROJECTS).
TOTAL_SCORE	NOT NULL	NUMBER	Total Score calculated by the optimizer for the given solution (solution is a set of portfolio items to select stored in KPPO_OPT_RESULT_ PROJECTS).
TOTAL_CUSTOM_ FIELD	NOT NULL	NUMBER	Sum of the values in Custom Field for the given solution (solution is a set of portfolio items to select stored in KPPO_OPT_RESULT_ PROJECTS).
TOTAL_BUDGET	NOT NULL	NUMBER	Total Budget needed for this solution
TOTAL_ RESOURCE	NOT NULL	NUMBER	Total resource headcount needed for this solution
AVERAGE_NPV	NOT NULL	NUMBER	Average NPV for this solution
AVERAGE_RISK	NOT NULL	NUMBER	Average Risk score for this solution
AVERAGE_VALUE	NOT NULL	NUMBER	Average Value score for this solution

Column Name	Null?	Data Type	Description
AVERAGE_ SCORE	NOT NULL	NUMBER	Average Score (Value-Risk) for this solution
AVERAGE_ CUSTOM_FIELD	NOT NULL	NUMBER	Average of the value of Custom Field for this solution
RANK	NULLABLE	NUMBER	set to 1 for scenarios and unused for efficient frontier. Is a provision for providing multiple solutions from the optimizer.
EFFICIENT_ FRONTIER_SEQ	NULLABLE	NUMBER	0-49 for the efficient frontier, one for each of the 50 solutions generated to paint the efficient frontier graph
CONSTRAINT_ TYPE	NULLABLE	VARCHAR2(30)	Only used for efficient frontier, indicates what parameter was shifted per run for the efficient frontier calculations. Only BUDGET for now.
CONSTRAINT_ VALUE	NULLABLE	NUMBER	For efficient frontier, the value for the constraint used when doing the run for this SEQ. For now, always the budget value used for the run
ACTIVE_FLAG	NULLABLE	VARCHAR2(1)	Unused for now

Indexes

Index Name	Index Type	Sequence	Column Name
KPPO_OPT_ RESULTS_U1	UNIQUE	1	OPT_RESULTS_ ID

Sequences

Sequence Name	Sequence Type
KPPO_OPT_RESULTS_S	OPT_RESULTS_ID

KPPO_PER_PROJECT_SETTINGS

The optimization wizard allows the user to choose which proposals, projects, and assets get special treatment. This table stores those settings, with one row for each portfolio item.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_FG_PFM_ PROPOSAL	REQUEST_ID	REQUEST_ID
KNTA_USERS	USER_ID	CREATED_BY
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KCRT_FG_PFM_ASSET	REQUEST_ID	REQUEST_ID
KCRT_FG_PFM_PROJECT	REQUEST_ID	REQUEST_ID
KPPO_OPT_PARAMETERS	OPT_PARAMETERS_ID	OPT_PARAMETERS_ID

Column Descriptions

Column Name	Null?	Data Type	Description
PER_PROJECT_ SETTINGS_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
OPT_ PARAMETERS_ID	NOT NULL	NUMBER	Foreign key to KPPO_ OPT_PARAMETERS which is the parent of this row

Column Name	Null?	Data Type	Description
REQUEST_ID	NOT NULL	NUMBER	ID of the proposal, project, or asset that this row is for
REQUIRED_FLAG	NOT NULL	VARCHAR2(1)	'Y' or 'N', if Y, the portfolio item must be included in the suggested scenario
ALLOW_TIME_ SHIFT_FLAG	NOT NULL	VARCHAR2(1)	'Y' or 'N', if 'Y', the optimizer can suggest moving the project up to 6 months to get a better budget or resource fit

Indexes

Index Name	Index Type	Sequence	Column Name
KPPO_PER_PROJECT_ SETTINGS_N1	NONUNIQUE	1	OPT_PARAMETERS_ ID
KPPO_PER_PROJECT_ SETTINGS_U1	UNIQUE	1	PER_PROJECT_ SETTINGS_ID

Sequences

Sequence Name	Sequence Type
KPPO_PER_PROJECT_ SETTINGS_S	PER_PROJECT_ SETTINGS_ID

KREL_DIST_RUN_GROUP_LOCKS

This table stores the same information as the KREL_DIST_RUN_GROUP_STATUS table. For internal use only.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KREL_DIST_RUN_GROUPS	DIST_RUN_GROUP_ID	DIST_RUN_GROUP_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
DIST_RUN_GROUP_LOCK_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
DIST_RUN_GROUP_ID	NOT NULL	NUMBER	Identifier for Run Group. Please refer to KREL_DIST_RUN_GROUPS
STATUS_CODE	NULLABLE	VARCHAR2(30)	Status code for the entire run group
STATUS_MEANING	NULLABLE	VARCHAR2(80)	Status meaning for the entire run group
WORKFLOW_STEP_ID_PATH	NOT NULL	VARCHAR2(200)	System generated ID path for the workflow step

Indexes

Index Name	Index Type	Sequence	Column Name
KREL_DIST_RUN_ GROUP_LOCKS_U1	UNIQUE	1	DIST_RUN_ GROUP_LOCK_ID
KREL_DIST_RUN_ GROUP_LOCKS_U2	NONUNIQUE	1	DIST_RUN_ GROUP_ID
KREL_DIST_RUN_ GROUP_LOCKS_U2	NONUNIQUE	2	WORKFLOW_ STEP_ID_PATH

Sequences

Sequence Name	Sequence Type
KREL_DIST_RUN_ GROUP_LOCKS_S	DIST_RUN_GROUP_ LOCK_ID

KREL_DIST_RUN_GROUP_STATUS

This table stores the Run Group status information.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KREL_DIST_RUN_GROUPS	DIST_RUN_GROUP_ID	DIST_RUN_GROUP_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
DIST_RUN_GROUP_STATUS_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
DIST_RUN_GROUP_ID	NOT NULL	NUMBER	Identifier for Run Group. Please refer to KREL_DIST_RUN_GROUPS
STATUS_CODE	NULLABLE	VARCHAR2(30)	Status code for the entire run group
STATUS_MEANING	NULLABLE	VARCHAR2(80)	Status meaning for the entire run group
WORKFLOW_STEP_ID_PATH	NOT NULL	VARCHAR2(200)	System generated ID path for the workflow step

Indexes

Index Name	Index Type	Sequence	Column Name
KREL_DIST_RUN_GROUP_STATUS_U1	UNIQUE	1	DIST_RUN_GROUP_STATUS_ID
KREL_DIST_RUN_GROUP_STATUS_U2	NONUNIQUE	1	DIST_RUN_GROUP_ID
KREL_DIST_RUN_GROUP_STATUS_U2	NONUNIQUE	2	WORKFLOW_STEP_ID_PATH

Sequences

Sequence Name	Sequence Type
KREL_DIST_RUN_GROUP_STATUS_S	DIST_RUN_GROUP_STATUS_ID

KREL_DIST_RUN_GROUPS

This table stores Run Groups information created from the Release Screen.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KREL_DISTRIBUTIONS	DISTRIBUTION_ID	DISTRIBUTION_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
DIST_RUN_GROUP_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
DISTRIBUTION_ID	NOT NULL	NUMBER	Distribution ID associated with this run group row
RUN_GROUP	NOT NULL	NUMBER	Number of this run group
NUMBER_OF_PACKAGES	NOT NULL	NUMBER	Number of packages contained in this Run Group
NUMBER_OF_PACKAGE_LINES	NOT NULL	NUMBER	Number of package lines contained in this Run Group

Indexes

Index Name	Index Type	Sequence	Column Name
KREL_DIST_RUN_GROUPS_U1	UNIQUE	1	DIST_RUN_GROUP_ID
KREL_DIST_RUN_GROUPS_U2	NONUNIQUE	1	DISTRIBUTION_ID
KREL_DIST_RUN_GROUPS_U2	NONUNIQUE	2	RUN_GROUP

Sequences

Sequence Name	Sequence Type
KREL_DIST_RUN_GROUPS_S	DIST_RUN_GROUP_ID

KREL_DISTRIBUTIONS

Table containing Distributions created from the Release Screen.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KREL_RELEASES	RELEASE_ID	RELEASE_ID
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	USER_DATA_SET_CONTEXT_ID
KWFL_WORKFLOWS_NLS	WORKFLOW_ID	WORKFLOW_ID

Column Descriptions

Column Name	Null?	Data Type	Description
DISTRIBUTION_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
RELEASE_ID	NOT NULL	NUMBER	Release ID. Refers to KREL_RELEASES.
DISTRIBUTION_NAME	NOT NULL	VARCHAR2(80)	Unique name within a Release.
STATUS_CODE	NOT NULL	VARCHAR2(30)	Status within Distribution's workflow. LOOKUP_TYPE = 'WF_PARENT_STATUS'
WORKFLOW_ID	NULLABLE	NUMBER	Workflow ID. Refers to KWFL_WORKFLOWS.

Column Name	Null?	Data Type	Description
FEEDBACK_FLAG	NOT NULL	VARCHAR2(1)	Whether FEEDBACK_ CODE was fed back to original package lines.
FEEDBACK_CODE	NULLABLE	VARCHAR2(30)	Value to feed back to original Package Lines. LOOKUP_TYPE = 'RM - Ready for Release'
DESCRIPTION	NULLABLE	VARCHAR2(240)	Free-form description of the distribution.
USER_DATA_SET_ CONTEXT_ID	NULLABLE	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1-20	NULLABLE	VARCHAR2(200)	User data segment
VISIBLE_USER_ DATA1-20	NULLABLE	VARCHAR2(200)	User data segment

Indexes

Index Name	Index Type	Sequence	Column Name
KREL_DISTRIBUTIONS_N1	NONUNIQUE	1	RELEASE_ID
KREL_DISTRIBUTIONS_U1	UNIQUE	1	DISTRIBUTION_ID
KREL_DISTRIBUTIONS_U2	UNIQUE	1	DISTRIBUTION_ NAME
KREL_DISTRIBUTIONS_U2	UNIQUE	2	RELEASE_ID

Sequences

Sequence Name	Sequence Type
KREL_DISTRIBUTIONS_S	DISTRIBUTION_ID

KREL_RELEASES

This table stores Releases created in the Release Workbench.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_PARAMETER_ SET_CONTEXTS	PARAMETER_SET_ CONTEXT_ID	PARAMETER_SET_ CONTEXT_ID

Column Descriptions

Column Name	Null?	Data Type	Description
RELEASE_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
ENTITY_LAST_ UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
RELEASE_TYPE_ID	NOT NULL	NUMBER	Future use.
PARAMETER_SET_ CONTEXT_ID	NULLABLE	NUMBER	Parameter set context ID. Refers to KNTA_ PARAMETER_SET_ CONTEXTS.
PARAMETER1-30	NOT NULL	VARCHAR2(200)	Used for Release name.
VISIBLE_ PARAMETER1-30	NULLABLE	VARCHAR2(200)	Used for Release name.

Indexes

Index Name	Index Type	Sequence	Column Name
KREL_RELEASES_U1	UNIQUE	1	RELEASE_ID
KREL_RELEASES_U2	UNIQUE	1	PARAMETER1

Sequences

Sequence Name	Sequence Type
KREL_RELEASES_S	RELEASE_ID

KRML_CALENDAR_DAYS

This table stores information used by various Reporting Meta Layer views to handle the need to aggregate results based on calendar days. This table is for internal use only.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
CALENDAR_DATE	NOT NULL	DATE	Actual day of the calendar date
CALENDAR_MONTH	NOT NULL	DATE	Month in which the CALENDAR_DATE belongs
CALENDAR_YEAR	NOT NULL	DATE	Year in which the CALENDAR_DATE belongs
SEQ_PERIOD_TYPE_1	NOT NULL	NUMBER	This value indicates the sequence of the period type this day falls in for the period defined as period type 1 in the PPM_FISCAL_PERIODS table.
SEQ_PERIOD_TYPE_2	NOT NULL	NUMBER	This value indicates the sequence of the period type this day falls in for the period defined as period type 2 in the PPM_FISCAL_PERIODS table.
SEQ_PERIOD_TYPE_3	NOT NULL	NUMBER	This value indicates the sequence of the period type this day falls in for the period defined as period type 3 in the PPM_FISCAL_PERIODS table.

Column Name	Null?	Data Type	Description
SEQ_PERIOD_ TYPE_4	NULLABLE	NUMBER	This value indicates the sequence of the period type this day falls in for the period defined as period type 4 in the PPM_FISCAL_PERIODS table.
SEQ_CUSTOM_1	NULLABLE	NUMBER	This column is reserved for future use.
SEQ_CUSTOM_2	NULLABLE	NUMBER	This column is reserved for future use.
SEQ_CUSTOM_3	NULLABLE	NUMBER	This column is reserved for future use.
SEQ_CUSTOM_4	NULLABLE	NUMBER	This column is reserved for future use.
SEQ_CUSTOM_5	NULLABLE	NUMBER	This column is reserved for future use.

Indexes

Index Name	Index Type	Sequence	Column Name
KRML_CALENDAR_DAYS_N1	NONUNIQUE	1	SEQ_PERIOD_TYPE_1
KRML_CALENDAR_DAYS_N2	NONUNIQUE	1	SEQ_PERIOD_TYPE_2
KRML_CALENDAR_DAYS_N3	NONUNIQUE	1	SEQ_PERIOD_TYPE_3
KRML_CALENDAR_DAYS_N4	NONUNIQUE	1	SEQ_PERIOD_TYPE_4
KRML_CALENDAR_DAYS_U1	UNIQUE	1	CALENDAR_DATE

Sequences

This table uses no sequences.

KRML_CALENDAR_MONTHS

This table stores information used by various Reporting Meta Layer views to handle the need to aggregate results based on calendar months. This table is for internal use only.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
CALENDAR_MONTH	NOT NULL	DATE	Calendar month
START_DATE	NOT NULL	DATE	The first day of the month based on the CALENDAR_MONTH column
END_DATE	NOT NULL	DATE	The first day of the next month based on the CALENDAR_MONTH column

Indexes

Index Name	Index Type	Sequence	Column Name
KRML_CALENDAR_MONTHS_U1	UNIQUE	1	CALENDAR_MONTH

Sequences

This table uses no sequences.

KRML_CONTEXT_UPDATES

This table is a repository for entity context changes that impact the Reporting Meta Layer, based on the last update date. Population of this table is triggered by changes to the KNTA_PARAMETER_SET_CONTEXTS table.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_ENTITIES_NLS	ENTITY_ID	ENTITY_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	PARAMETER_SET_CONTEXT_ID
KNTA_PARAMETER_SETS_NLS	PARAMETER_SET_ID	PARAMETER_SET_ID

Column Descriptions

Column Name	Null?	Data Type	Description
PARAMETER_SET_CONTEXT_ID	NOT NULL	NUMBER	Functions as a primary key, linked to PARAMETER_SET_CONTEXT_ID in KNTA_PARAMETER_SET_CONTEXTS table
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
PARAMETER_SET_ID	NOT NULL	NUMBER	Identifies the parameter set that this view context is associated with
ENTITY_ID	NULLABLE	NUMBER	Identifies the entity that this view context is associated with

Column Name	Null?	Data Type	Description
CONTEXT_ VALUE	NULLABLE	VARCHAR2(200)	Identifies the entity context this view context is associated with
VISIBLE_ CONTEXT_ VALUE	NULLABLE	VARCHAR2(200)	Used to identify the RML_ VIEW_NAME_ROOT from the context value
RML_VIEW_ NAME_ROOT	NULLABLE	VARCHAR2(20)	Root of the generated Reporting Meta Layer view name. Copied from the RML_ VIEW_NAME_ROOT column in the corresponding entity table
OBSOLETE_ FLAG	NOT NULL	VARCHAR2(1)	Mark to identify entries which are no longer used

Indexes

Index Name	Index Type	Sequence	Column Name
KRML_CONTEXT_ UPDATES_PK	UNIQUE	1	PARAMETER_SET_ CONTEXT_ID

Sequences

This table uses no sequences.

KRML_CONTEXT_UPDATES_COPY

This table is a backup repository for entity context changes that impacted the Reporting Meta Layer at the last synchronization. This table is filled with data from KRML_CONTEXT_UPDATES just prior to the next synchronization.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_ENTITIES_NLS	ENTITY_ID	ENTITY_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_PARAMETER_SETS_NLS	PARAMETER_SET_ID	PARAMETER_SET_ID
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	PARAMETER_SET_CONTEXT_ID

Column Descriptions

Column Name	Null?	Data Type	Description
PARAMETER_SET_CONTEXT_ID	NOT NULL	NUMBER	Functions as a primary key, linked to PARAMETER_SET_CONTEXT_ID in KNTA_PARAMETER_SET_CONTEXTS table
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
PARAMETER_SET_ID	NOT NULL	NUMBER	Identifies the parameter set that this view context is associated with
ENTITY_ID	NULLABLE	NUMBER	Identifies the entity that this view context is associated with

Column Name	Null?	Data Type	Description
CONTEXT_ VALUE	NULLABLE	VARCHAR2(200)	Identifies the entity context this view context is associated with
VISIBLE_ CONTEXT_ VALUE	NULLABLE	VARCHAR2(200)	Used to identify the RML_ VIEW_NAME_ROOT from the context value
RML_VIEW_ NAME_ROOT	NULLABLE	VARCHAR2(20)	Root of the generated Reporting Meta Layer view name. Copied from the RML_ VIEW_NAME_ROOT column in the corresponding entity table
OBSOLETE_ FLAG	NOT NULL	VARCHAR2(1)	Mark to identify entries which are no longer used

Indexes

Index Name	Index Type	Sequence	Column Name
KRML_CONTEXT_ UPDATES_COPY_PK	UNIQUE	1	PARAMETER_SET_ CONTEXT_ID

Sequences

This table uses no sequences.

KRML_PARAMETER_SET_FLDS_COPY

This table is a backup repository for field token changes that impacted the Reporting Meta Layer at the last synchronization. This table is filled with data from the KNTA_PARAMETER_SET_FIELDS table just prior to the next synchronization.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	PARAMETER_SET_CONTEXT_ID
KNTA_PARAMETER_SETS_NLS	PARAMETER_SET_FIELD_ID	PARAMETER_SET_FIELD_ID
KNTA_PARAMETER_SETS_NLS	PARAMETER_SET_ID	SOURCE_PARAMETER_SET_ID

Column Descriptions

Column Name	Null?	Data Type	Description
PARAMETER_SET_FIELD_ID	NOT NULL	NUMBER	Functions as primary key, linked to PARAMETER_SET_FIELD_ID in KNTA_PARAMETER_SET_FIELDS table
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
PARAMETER_SET_CONTEXT_ID	NOT NULL	NUMBER	Foreign key to KNTA_PARAMETER_SET_CONTEXTS
BATCH_NUMBER	NULLABLE	NUMBER	Identifies which "batch" grouping this field belongs to

Column Name	Null?	Data Type	Description
PARAMETER_ COLUMN_ NUMBER	NULLABLE	NUMBER	Specifies in which column on this field's parent entity table to store this field's data
PROMPT	NULLABLE	VARCHAR2(100)	Field prompt
PARAMETER_ TOKEN	NULLABLE	VARCHAR2(30)	Token name for this field
DESCRIPTION	NULLABLE	VARCHAR2(240)	Field description
PARAMETER_ TABLE_NAME	NULLABLE	VARCHAR2(30)	For field group fields, this value is the table where the values are stored.
PARAMETER_ VALUE_COL_ NAME	NULLABLE	VARCHAR2(30)	For field group fields, this value is the column where the hidden values are stored.
PARAMETER_ VIS_VALUE_ COL_NAME	NULLABLE	VARCHAR2(30)	For field group fields, this value is the column where the visible values are stored.
SOURCE_ PARAMETER_ SET_ID	NULLABLE	NUMBER	Parameter set ID of the field, used to determine if a field is a standard request header field, custom request header field, or field group field.

Indexes

Index Name	Index Type	Sequence	Column Name
KRML_PARAMETER_ SET_FLDS_CPY_PK	UNIQUE	1	PARAMETER_ SET_FIELD_ID

Sequences

This table uses no sequences.

KRML_PROCESS_MESSAGES

This table is used internally by the Reporting Meta Layer to keep track of messages to display in an RML synchronization report.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KRML_VIEWS	BATCH_NUMBER	BATCH_NUMBER
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
PROCESS_ MESSAGE_ID	NOT NULL	NUMBER	System-generated identifier
MESSAGE_TYPE	NOT NULL	VARCHAR2(30)	Type of message (for RML synchronization report)
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
BATCH_NUMBER	NULLABLE	NUMBER	RML synchronization batch that this message belongs to
MESSAGE	NULLABLE	VARCHAR2(2000)	Text to include in the RML synchronization report

Indexes

Index Name	Index Type	Sequence	Column Name
KRML_PROCESS_ MESSAGES_PK	UNIQUE	1	PROCESS_ MESSAGE_ID

Sequences

Sequence Name	Sequence Type
KRML_PROCESS_MESSAGES_S	PROCESS_ MESSAGE_ID

KRML_SYSTEM_CONTROLS

This table stores internal control sequences used by Reporting Meta Layer.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
SYSTEM_ CONTROL_ID	NOT NULL	NUMBER	Unique identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
CONTROL_NAME	NOT NULL	VARCHAR2(50)	Unique name of the control
VALUE	NULLABLE	VARCHAR2(100)	Value of this control

Indexes

Index Name	Index Type	Sequence	Column Name
KRML_SYSTEM_ CONTROLS_PK	UNIQUE	1	SYSTEM_ CONTROL_ID

Sequences

This table uses no sequences.

KRML_VIEW_COLUMNS

This table stores information about each column of an RML view. This table is for internal use only.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	PARAMETER_SET_CONTEXT_ID
KRML_PARAMETER_SET_FLDS_COPY	PARAMETER_SET_ID	SOURCE_PARAMETER_SET_ID
KRML_VIEWS	VIEW_ID	VIEW_ID

Column Descriptions

Column Name	Null?	Data Type	Description
VIEW_COLUMN_ID	NOT NULL	NUMBER	System-generated identifier
VIEW_ID	NOT NULL	NUMBER	Identifies which RML view this column belongs to
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
PARAMETER_SET_CONTEXT_ID	NOT NULL	NUMBER	Foreign key to KNTA_PARAMETER_SET_CONTEXTS
BATCH_NUMBER	NULLABLE	NUMBER	Identifier for a batch of views that are being assessed or synchronized in a single synchronization report

Column Name	Null?	Data Type	Description
PARAMETER_ COLUMN_ NUMBER	NULLABLE	NUMBER	Specifies in which column on this field's parent entity table to store this field's data
PROMPT	NULLABLE	VARCHAR2(50)	Field prompt
PARAMETER_ TOKEN	NULLABLE	VARCHAR2(30)	Token name for this field
DESCRIPTION	NULLABLE	VARCHAR2(240)	Field description
PARAMETER_ TABLE_NAME	NULLABLE	VARCHAR2(30)	For field group fields, this value is the table where the values are stored.
PARAMETER_ VALUE_COL_ NAME	NULLABLE	VARCHAR2(30)	For field group fields, this value is the column where the hidden values are stored.
PARAMETER_ VIS_VALUE_ COL_NAME	NULLABLE	VARCHAR2(30)	For field group fields, this value is the column where the visible values are stored.
SOURCE_ PARAMETER_ SET_ID	NULLABLE	NUMBER	Parameter set ID of the field, used to determine if a field is a standard request header field, custom request header field, or field group field.

Indexes

Index Name	Index Type	Sequence	Column Name
KRML_VIEW_ COLUMNS_PK	UNIQUE	1	VIEW_COLUMN_ ID

Sequences

Sequence Name	Sequence Type
KRML_VIEW_COLUMNS_S	VIEW_COLUMN_ID

KRML_VIEW_CONTEXTS

This table stores information used to map each RML view with its parameter set context, which is used by the Reporting Meta Layer to generate dynamic columns for views that contain columns for custom fields. This table is for internal use only.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_PARAMETER_ SET_CONTEXTS	PARAMETER_SET_ CONTEXT_ID	PARAMETER_SET_ CONTEXT_ID
KRML_VIEWS	VIEW_ID	VIEW_ID

Column Descriptions

Column Name	Null?	Data Type	Description
VIEW_CONTEXT_ ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
VIEW_ID	NOT NULL	NUMBER	View that this context is associated with
PARAMETER_ SET_CONTEXT_ID	NOT NULL	NUMBER	Foreign key to KNTA_ PARAMETER_SET_ CONTEXTS
DRIVING_SET_ CONTEXT_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether this view context is a driving context

Indexes

Index Name	Index Type	Sequence	Column Name
KRML_VIEW_ CONTEXTS_PK	UNIQUE	1	VIEW_ CONTEXT_ID

Sequences

Sequence Name	Sequence Type
KRML_VIEW_CONTEXTS_S	VIEW_CONTEXT_ID

KRML_VIEW_DEF_TEMPLATES

This table contains information about existing RML View Definition Templates. The Reporting Meta Layer uses this table to store information about existing View Templates, and to keep track of changes made since the last RML synchronization.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KRML_PARAMETER_SET_FLDS_COPY	PARAMETER_SET_ID	DRIVING_PARAMETER_SET
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
VIEW_DEF_TEMPLATE_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
TEMPLATE_FILE_NAME	NOT NULL	VARCHAR2(200)	Name of the text file that stores this template
VIEW_CATEGORY_ID	NULLABLE	NUMBER	(Future Use Only) Category this template belongs to
VIEW_NAME_PREFIX	NULLABLE	VARCHAR2(10)	Prefix for all RML views generated by this template, if this template represents a driving context

Column Name	Null?	Data Type	Description
STATIC_VIEW_NAME	NULLABLE	VARCHAR2(30)	Full name of the RML view if this template does not represent a driving context
SOURCE	NOT NULL	VARCHAR2(30)	Source of this template
DRIVING_PARAMETER_SET	NULLABLE	NUMBER	PARAMETER_SET_ID that drives the creation of multiple RML views, if this template represents a driving context

Indexes

Index Name	Index Type	Sequence	Column Name
KRML_VIEW_DEF_TEMPLATES_PK	UNIQUE	1	VIEW_DEF_TEMPLATE_ID
KRML_VIEW_DEF_TEMPLATES_U1	UNIQUE	1	TEMPLATE_FILE_NAME

Sequences

Sequence Name	Sequence Type
KRML_VIEW_DEF_TEMPLATES_S	VIEW_DEF_TEMPLATE_ID

KRML_VIEWS

This table stores a record for each view that exists in the Reporting Meta Layer database schema. This table is for internal use only.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KRML_VIEW_DEF_ TEMPLATES	VIEW_DEF_ TEMPLATE_ID	VIEW_DEF_ TEMPLATE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
VIEW_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
VIEW_NAME	NOT NULL	VARCHAR2(30)	Name of this RML view to be updated, if applicable
EXISTING_VIEW_ NAME	NULLABLE	VARCHAR2(100)	Name of this RML view as it currently exists
VIEW_DEF_ TEMPLATE_ID	NOT NULL	NUMBER	ID of the template this view is based on.
DDL_ACTION	NOT NULL	VARCHAR2(50)	Action {CREATE, REPLACE, DROP} that will be taken on this view during synchronization of the Reporting Meta Layer
REASON_OF_DDL_ ACTION	NULLABLE	VARCHAR2(200)	Brief reason for the DDL action, to be displayed in the synchronization report

Column Name	Null?	Data Type	Description
STATUS	NOT NULL	VARCHAR2(20)	Status of the DDL action {PENDING, SUCCEED, FAILED, ERROR}
ERROR	NULLABLE	VARCHAR2(400)	Visible error message, if applicable
ORACLE_ERROR	NULLABLE	VARCHAR2(2000)	Oracle error associated with the error message, if applicable
LAST_ SUCCESSFUL_ SYNC_DATE	NULLABLE	DATE	Date this view was last successfully synchronized
BATCH_NUMBER	NULLABLE	NUMBER	Identifier for a batch of views that are being assessed or synchronized in a single synchronization report
UPDATE_DOC_ FLAG	NULLABLE	VARCHAR2(1)	(Future use only) Indicator for whether this view's documentation needs to be updated
VIEW_COMMENTS	NULLABLE	VARCHAR2(2000)	Comments
DDL_STATEMENT	NULLABLE	CLOB	DDL statement used to take action on this RML view; displayed in synchronization report in case of error

Indexes

Index Name	Index Type	Sequence	Column Name
KRML_VIEWS_U1	UNIQUE	1	VIEW_ID
KRML_VIEWS_U2	UNIQUE	1	VIEW_NAME

Sequences

Sequence Name	Sequence Type
KRML_BATCH_NUMBER_S	BATCH_NUMBER
KRML_VIEWS_S	VIEW_ID

KRSC_ORG_UNIT_MEMBERS

This table stores references to the immediate members of an Organization Unit. It is a cross table between the KRSC_ORG_UNITS table and the KNTA_USERS table.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KRSC_ORG_UNITS_NLS	ORG_UNIT_ID	ORG_UNIT_ID
KNTA_USERS	USER_ID	USER_ID

Column Descriptions

Column Name	Null?	Data Type	Description
ORG_UNIT_ MEMBER_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
ORG_UNIT_ID	NOT NULL	NUMBER	Foreign key to the parent Organization Unit this member

Column Name	Null?	Data Type	Description
USER_ID	NOT NULL	NUMBER	Foreign key to this members row in the KNTA_USERS table.
SOURCE	NULLABLE	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, and so on)

Indexes

Index Name	Index Type	Sequence	Column Name
KRSC_ORG_UNIT_MEMBERS_N1	NONUNIQUE	1	ORG_UNIT_ID
KRSC_ORG_UNIT_MEMBERS_N2	NONUNIQUE	1	USER_ID
KRSC_ORG_UNIT_MEMBERS_U1	UNIQUE	1	ORG_UNIT_MEMBER_ID

Sequences

Sequence Name	Sequence Type
KRSC_ORG_UNIT_MEMBERS_S	ORG_UNIT_MEMBER_ID

KRSC_ORG_UNIT_MEMBERS_INT

This table corresponds to the KRSC_ORG_UNIT_MEMBERS table. This table is used by the organization unit open interface to import organization units (and their members) into PPM Center from an external data source.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KRSC_ORG_UNIT_ MEMBERS	ORG_UNIT_MEMBER_ID	ORG_UNIT_MEMBER_ID
KNTA_USERS	USER_ID	CREATED_BY
KRSC_ORG_UNITS_NLS	ORG_UNIT_ID	ORG_UNIT_ID
KRSC_ORG_UNITS_INT	GROUP_ID	GROUP_ID
KNTA_USERS	USER_ID	USER_ID
KRSC_ORG_UNIT_ MEMBERS_INT	GROUP_ID	GROUP_ID

Column Descriptions

Column Name	Null?	Data Type	Description
TRANSACTION _ID	NULLABLE	NUMBER	System-generated identifier
GROUP_ID	NULLABLE	NUMBER	This value is used to tie records in the interface tables together. Most of database processing is done based on this value.
EXISTS_FLAG	NULLABLE	VARCHAR2(1)	Used to indicate if the Organization Unit Member already exists in the system
PROCESS_ PHASE	NULLABLE	NUMBER	Indicates which phase a record is at: Pending, Deriving, Validating, Importing or Completed.
PROCESS_ STATUS	NULLABLE	NUMBER	Indicates the current status of the interface record: Pending, In Progress, Errored or Completed.
CREATED_BY	NULLABLE	NUMBER	Identifier for the user who created the record

Column Name	Null?	Data Type	Description
CREATED_BY_ USERNAME	NULLABLE	VARCHAR2(200)	Username for Identifier for the user who created the record
CREATION_ DATE	NULLABLE	DATE	Date record was created
DEST_ CREATED_BY	NULLABLE	NUMBER	USER_ID from the KNTA_ USERS table for Identifier for the user who is performing the transaction. If null, the column is derived from CREATED_BY_ USERNAME or set to the user currently running the report
DEST_ CREATION_ DATE	NULLABLE	DATE	Date that the transaction is performed.
DEST_LAST_ UPDATED_BY	NULLABLE	NUMBER	USER_ID from the KNTA_ USERS table for Identifier for the user who is performing the transaction. If null, the column is derived from CREATED_BY_ USERNAME or set to the user currently running the report
DEST_LAST_ UPDATE_DATE	NULLABLE	DATE	Date that the transaction is performed.
DEST_ENTITY_ UPD_DATE	NULLABLE	DATE	Date that the transaction is performed.
SOURCE	NULLABLE	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.
SOURCE_ TYPE_CODE	NULLABLE	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, and so on)
ORG_UNIT_ MEMBER_ID	NULLABLE	NUMBER	ID of the Organization Unit Member to be added or updated.

Column Name	Null?	Data Type	Description
ORG_UNIT_ID	NULLABLE	NUMBER	ID of the Organization Unit that the member is to be added to.
ORG_UNIT_ NAME	NULLABLE	VARCHAR2(200)	Name of the Organization Unit that the member is to be added to.
USER_ID	NULLABLE	NUMBER	User ID of the member to be added to the Organization Unit.
USERNAME	NULLABLE	VARCHAR2(200)	Username of the member to be added to the Organization Unit.
LOGON_ IDENTIFIER	NULLABLE	VARCHAR2(200)	LOGON_IDENTIFIER (in the KNTA_USERS table) of the member to be added to the Organization Unit.
DATA_LANG	NULLABLE	VARCHAR2(40)	This column defines the language of the data the user wants to import. This column is defined at the parent entity level so all the child entities assume the same language. The DB session language is set according to it when the Interface Code gets executed to get respective look up values.

Indexes

Index Name	Index Type	Sequence	Column Name
KRSC_ORG_UNIT_ MEMBERS_INT_N2	NONUNIQUE	1	GROUP_ID
KRSC_ORG_UNIT_ MEMBERS_INT_N2	NONUNIQUE	2	ORG_UNIT_NAME
KRSC_ORG_UNIT_ MEMBERS_INT_U1	UNIQUE	1	TRANSACTION_ID

Sequences

This table uses no sequences.

KRSC_ORG_UNITS

This table stores all the organization units created in PPM center.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FM_FINANCIAL_ SUMMARY	FINANCIAL_ SUMMARY_ID	FINANCIAL_SUMMARY_ ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	MANAGER_ID
KRSC_ORG_UNITS_NLS	ORG_UNIT_ID	PARENT_ORG_UNIT_ID
KNTA_REGIONS_NLS	REGION_ID	REGION_ID
KNTA_PARAMETER_ SET_CONTEXTS	PARAMETER_SET_ CONTEXT_ID	USER_DATA_SET_ CONTEXT_ID

Column Descriptions

Column Name	Null?	Data Type	Description
ORG_UNIT_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
ENTITY_LAST_ UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
ORG_UNIT_NAME	NOT NULL	VARCHAR2(200)	Name given to this organization unit.
PARENT_ORG_ UNIT_ID	NOT NULL	NUMBER	Reference to the parent organization unit record in the same table.
MANAGER_ID	NULLABLE	NUMBER	Foreign key to the knta_user table indicating the manager for this org unit.

Column Name	Null?	Data Type	Description
DEPARTMENT_ CODE	NULLABLE	VARCHAR2(30)	Lookup code for 'DEPT' The department to which this org unit is associated with. For example: Finance, Marketing, and so on
LOCATION_CODE	NULLABLE	VARCHAR2(30)	Lookup code for 'RSC - Location' The location to which this org unit is associated to. For example: Site A, Site B, and so on
CATEGORY_ CODE	NULLABLE	VARCHAR2(30)	Lookup code for 'RSC - org unit Category' The type of the org unit. For example: Group, department, team, and so on
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether this organization unit is enabled
USER_DATA_ SET_CONTEXT_ID	NULLABLE	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1-20	NULLABLE	VARCHAR2(200)	User data segment
VISIBLE_USER_ DATA1-20	NULLABLE	VARCHAR2(200)	User data segment
SOURCE	NULLABLE	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update
SOURCE_TYPE_ CODE	NULLABLE	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, and so on)
REGION_ID	NULLABLE	NUMBER	Region to which this organization unit is associated to
PRIMARY_FLAG	NOT NULL	VARCHAR2(1)	Flag to indicate if this is a primary org unit or not

Column Name	Null?	Data Type	Description
DEFINITION_ LANGUAGE	NOT NULL	VARCHAR2(40)	Language in which the data was created
REFERENCE_ CODE	NOT NULL	VARCHAR2(200)	Is the logical key to represent a record in the db uniquely. This is different from primary key and used for multi-language (MLU) purpose.
FINANCIAL_ SUMMARY_ID	NULLABLE	NUMBER	Foreign key reference to FM_ FINANCIAL_SUMMARY table
INHERIT_ PARENT_REGION	NOT NULL	VARCHAR2(1)	

Indexes

Index Name	Index Type	Sequence	Column Name
KRSC_ORG_UNITS_FB1	NONUNIQUE	1	SYS_NC00063$
KRSC_ORG_UNITS_FB1	NONUNIQUE	2	ORG_UNIT_ID
KRSC_ORG_UNITS_FB1	NONUNIQUE	3	ENABLED_FLAG
KRSC_ORG_UNITS_FB1	NONUNIQUE	4	PRIMARY_FLAG
KRSC_ORG_UNITS_FB1	NONUNIQUE	5	ORG_UNIT_NAME
KRSC_ORG_UNITS_N1	NONUNIQUE	1	PARENT_ORG_ UNIT_ID
KRSC_ORG_UNITS_N3	NONUNIQUE	1	REGION_ID
KRSC_ORG_UNITS_U1	UNIQUE	1	ORG_UNIT_ID
KRSC_ORG_UNITS_U2	UNIQUE	1	ORG_UNIT_NAME
SYS_C005199517	UNIQUE	1	REFERENCE_ CODE

Sequences

Sequence Name	Sequence Type
KRSC_ORG_UNITS_S	ORG_UNIT_ID

KRSC_ORG_UNITS_INT

This table corresponds to the KRSC_ORG_UNITS table. This table is used by the organization unit open interface to import organization units into PPM Center from an external data source.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KRSC_ORG_UNITS_INT	GROUP_ID	GROUP_ID
KRSC_ORG_UNIT_ MEMBERS_INT	GROUP_ID	GROUP_ID
KNTA_USERS	USER_ID	MANAGER_ID
KRSC_ORG_UNITS_NLS	ORG_UNIT_ID	ORG_UNIT_ID
KRSC_ORG_UNITS_NLS	ORG_UNIT_ID	PARENT_ORG_UNIT_ID
KNTA_PARAMETER_ SET_CONTEXTS	PARAMETER_SET_ CONTEXT_ID	USER_DATA_SET_ CONTEXT_ID

Column Descriptions

Column Name	Null?	Data Type	Description
TRANSACTION_ ID	NULLABLE	NUMBER	System-generated identifier
GROUP_ID	NULLABLE	NUMBER	This value is used to tie records in the interface tables together. Most of database processing is done based on this value.
EXISTS_FLAG	NULLABLE	VARCHAR2(1)	Used to indicate if the Organization Unit already exists in the system
PROCESS_ PHASE	NULLABLE	NUMBER	Indicates which phase a record is at: Pending, Deriving, Validating, Importing or Completed.

Column Name	Null?	Data Type	Description
PROCESS_ STATUS	NULLABLE	NUMBER	Indicates the current status of the interface record: Pending, In Progress, Errored or Completed.
CREATED_BY	NULLABLE	NUMBER	Identifier for the user who created the record
CREATED_BY_ USERNAME	NULLABLE	VARCHAR2(200)	Username corresponding to the 'CREATED_BY' column
CREATION_DATE	NULLABLE	DATE	Date record was created
DEST_ CREATED_BY	NULLABLE	NUMBER	USER_ID from the KNTA_ USERS table for Identifier for the user who is performing the transaction. If null, the column is derived from CREATED_BY_USERNAME or set to the user currently running the report
DEST_ CREATION_DATE	NULLABLE	DATE	Date that the transaction is performed
DEST_LAST_ UPDATED_BY	NULLABLE	NUMBER	USER_ID from the KNTA_ USERS table for Identifier for the user who is performing the transaction. If null, the column is derived from CREATED_BY_USERNAME or set to the user currently running the report
DEST_LAST_ UPDATE_DATE	NULLABLE	DATE	Date that the transaction is performed
DEST_ENTITY_ UPD_DATE	NULLABLE	DATE	Date that the transaction is performed
SOURCE	NULLABLE	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.

Column Name	Null?	Data Type	Description
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, and so on)
ORG_UNIT_ID	NULLABLE	NUMBER	ID of the organization unit to be added or updated
ORG_UNIT_NAME	NULLABLE	VARCHAR2(200)	Name of the Organization Unit to be added or updated.
PARENT_ORG_UNIT_ID	NULLABLE	NUMBER	ID of the parent organization unit to be imported if it has a parent.
PARENT_ORG_UNIT_NAME	NULLABLE	VARCHAR2(200)	Name of the parent Organization Unit to be imported if it has a parent
MANAGER_ID	NULLABLE	NUMBER	User ID of the manager of this organization unit
MANAGER_USERNAME	NULLABLE	VARCHAR2(200)	Username of the manager of this organization unit
MANAGER_LOGON_IDENTIFIER	NULLABLE	VARCHAR2(200)	Logon identifier (from the KNTA_USERS table) of the manager of this organization unit
DEPARTMENT_CODE	NULLABLE	VARCHAR2(30)	Lookup code for 'DEPT'
DEPARTMENT_MEANING	NULLABLE	VARCHAR2(80)	Lookup meaning for 'DEPT'
LOCATION_CODE	NULLABLE	VARCHAR2(30)	Lookup code for 'RSC - Location'
LOCATION_MEANING	NULLABLE	VARCHAR2(80)	Lookup meaning for 'RSC - Location'
CATEGORY_CODE	NULLABLE	VARCHAR2(30)	Lookup code for 'RSC - org unit Category'
CATEGORY_MEANING	NULLABLE	VARCHAR2(80)	Lookup meaning for 'RSC - org unit Category'

Column Name	Null?	Data Type	Description
ENABLED_FLAG	NULLABLE	VARCHAR2(1)	Flag is 'Y' if this is an active org unit, 'N' if obsolete or not yet in use
USER_DATA_SET_CONTEXT_ID	NULLABLE	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1-20	NULLABLE	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA1-20	NULLABLE	VARCHAR2(200)	User data segment
DATA_LANG	NULLABLE	VARCHAR2(40)	This column defines the language of the data the user wants to import. This column is defined at the parent entity level so all the child entities assume the same language. The DB session language is set according to it when the Interface Code gets executed to get respective look up values.

Indexes

Index Name	Index Type	Sequence	Column Name
KRSC_ORG_UNITS_INT_N2	NONUNIQUE	1	GROUP_ID
KRSC_ORG_UNITS_INT_N2	NONUNIQUE	2	ORG_UNIT_NAME
KRSC_ORG_UNITS_INT_U1	UNIQUE	1	TRANSACTION_ID

Sequences

This table uses no sequences.

KRSC_PENDING_ASSIGNMENT_ERR

This table stores records of errors encountered while the server tries to process rows in the KRSC_PENDING_ASSIGNMENTS table.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_ENTITIES_NLS	ENTITY_ID	SOURCE_ENTITY_ID
KCRT_REQUEST_ HEADER_TYPES_NLS	REQUEST_HEADER_ TYPE_ID	SOURCE_ID
PM_PROJECTS	PROJECT_ID	SOURCE_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	CREATED_BY
KCRT_REQUEST_TYPES_ NLS	REQUEST_TYPE_ID	SOURCE_ID
KCRT_REQUESTS	REQUEST_ID	SOURCE_ID
RSC_STAFFING_ PROFILES	STAFFING_PROFILE_ID	SOURCE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
PENDING_ ASSIGNMENT_ERR_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
SOURCE_ENTITY_ID	NOT NULL	NUMBER	Copy of the SOURCE_ ENTITY_ID from the KRSC_PENDING_ ASSIGNMENTS table.

Column Name	Null?	Data Type	Description
SOURCE_ID	NOT NULL	NUMBER	Copy of the SOURCE_ ID from the KRSC_ PENDING_ ASSIGNMENTS table.
ERROR_MSG	NULLABLE	VARCHAR2(2000)	Message from the error encountered while trying to process the row from the KRSC_PENDING_ ASSIGNMENTS table.
ERROR_GROUP_ID	NOT NULL	NUMBER	System-generated identifier to batch errors together that occur at the same pass of processing the KRSC_ PENDING_ ASSIGNMENTS table.

Indexes

Index Name	Index Type	Sequence	Column Name
KRSC_PENDING_ ASSIGNMENT_ERR_N1	NONUNIQUE	1	SOURCE_ENTITY_ID
KRSC_PENDING_ ASSIGNMENT_ERR_N1	NONUNIQUE	2	SOURCE_ID
KRSC_PENDING_ ASSIGNMENT_ERR_N2	NONUNIQUE	1	ERROR_GROUP_ID
KRSC_PENDING_ ASSIGNMENT_ERR_U1	UNIQUE	1	PENDING_ ASSIGNMENT_ERR_ID

Sequences

This table uses no sequences.

KRSC_PENDING_ASSIGNMENTS

This table gets updated every time an Assignment is updated. An Assignment can be updated directly (such as the duration of a Task is increased) or indirectly (such as a Project Setup is changed that will change how Tasks in a project should be treated. A process in the server reads through the rows in this table updates the data in the KRSC_WORK_ITEM_ASSIGNMENTS table.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_REQUEST_HEADER_TYPES_NLS	REQUEST_HEADER_TYPE_ID	SOURCE_ID
KCRT_FG_WORK_ITEMS	REQUEST_ID	SOURCE_ID
KNTA_ENTITIES_NLS	ENTITY_ID	SOURCE_ENTITY_ID
PM_PROJECTS	PROJECT_ID	SOURCE_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	CREATED_BY
RSC_STAFFING_PROFILES	STAFFING_PROFILE_ID	SOURCE_ID
KCRT_REQUEST_TYPES_NLS	REQUEST_TYPE_ID	SOURCE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
PENDING_ASSIGNMENT_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated

Column Name	Null?	Data Type	Description
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
SOURCE_ENTITY_ID	NOT NULL	NUMBER	Foreign key to KNTA_ ENTITIES. The type of Entity that was modified that would affect an assignment (Project Setup, Project, Task, Request Type, Request Header Type, Request, Staffing Profile, Staffing Profile Line, or Staffing Profile Line Cell)
SOURCE_ID	NOT NULL	NUMBER	Foreign key to Project Setup, Project, Task, Request Type, Request Header Type, Request, Staffing Profile, Staffing Profile Line, or Staffing Profile Line Cell

Indexes

Index Name	Index Type	Sequence	Column Name
KRSC_PENDING_ ASSIGNMENTS_N1	NONUNIQUE	1	SOURCE_ ENTITY_ID
KRSC_PENDING_ ASSIGNMENTS_N1	NONUNIQUE	2	SOURCE_ID
KRSC_PENDING_ ASSIGNMENTS_U1	UNIQUE	1	PENDING_ ASSIGNMENT_ID

Sequences

Sequence Name	Sequence Type
KRSC_PENDING_ ASSIGNMENTS_S	PENDING_ ASSIGNMENT_ID

KRSC_PENDING_WORK_ITEM_UPDATES

This table stores references to updates that need to be made to the KDRV_PROJECTS table or the KCRT_FG_WORK_ITEMS table that could not be immediately updated. A task (KDRV_PROJECTS) or request (KCRT_FB_WORK_ITEMS) can be updated by a Time Management timesheet, a task can be updated by a request, and a request can be updated by a task. If any of these updates cannot take place because there is a lock on the entity being updated, a row is added to the KRSC_PENDING_WORK_ITEM_UPDATES table. A process in the Server queries this table and makes the appropriate updates when the entities are unlocked.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_ENTITIES_NLS	ENTITY_ID	WORK_ITEM_ENTITY_ID
PM_PROJECTS	PROJECT_ID	WORK_ITEM_ID
KCRT_FG_WORK_ITEMS	REQUEST_ID	WORK_ITEM_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	CREATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
PENDING_ WORK_ITEM_ UPDATE_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
WORK_ITEM_ ENTITY_ID	NOT NULL	NUMBER	Type of work item - either a Task or a request

Column Name	Null?	Data Type	Description
WORK_ITEM_ID	NOT NULL	NUMBER	Foreign key to the KDRV_ PROJECTS table or the KCRT_FB_WORK_ITEMS table.
UPDATE_VALUE	NULLABLE	VARCHAR2(200)	New value of the column to be updated if update is from Time Management.
UPDATE_TYPE	NOT NULL	VARCHAR2(50)	One of 'TM_ACTUAL_ EFFORT_UPDATE', 'TM_ ACTUAL_COST_UPDATE', 'REQ_UPDATES_TASK_ ACTUAL_EFFORT', or 'TASK_UPDATES_REQ_ SCHEDULE'
ATTEMPTS	NOT NULL	NUMBER	Number of times the process has tried to make the update.
ERROR_ MESSAGE	NULLABLE	VARCHAR2(200)	Error message received as to why the update could not immediately be made.
RESOURCE_ID	NULLABLE	NUMBER	For the token evaluation engine. Contains the primary key of a table (see KNTA_ TOKEN). The reference to this table is used to resolve all the tokens from this context after update

Indexes

Index Name	Index Type	Sequence	Column Name
KRSC_PEND_WORK_ ITEM_UPDATES_U1	UNIQUE	1	PENDING_WORK_ ITEM_UPDATE_ID

Sequences

This table uses no sequences.

KRSC_RSC_POOL_PERIOD_SUM

This table stores the resource pool sum by monthly period, resource pool, and role ID

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
PPM_FISCAL_PERIODS_NLS	FISCAL_PERIOD_ID	PERIOD_ID
RSC_RESOURCE_POOLS	RESOURCE_POOL_ID	RESOURCE_POOL_ID
RSC_ROLES_NLS	ROLE_ID	ROLE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
RSC_POOL_PERIOD_SUM_ID	NOT NULL	NUMBER	Unique ID for the table
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
PERIOD_ID	NOT NULL	NUMBER	Monthly period ID
TOTAL_FTE	NOT NULL	NUMBER	Total FTE of this org unit
ROLLUP_FTE	NOT NULL	NUMBER	Total FTE from the children
ROLE_ID	NOT NULL	NUMBER	Role this sum is associated with
RESOURCE_POOL_ID	NOT NULL	NUMBER	Resource pool this sum is associated with

Indexes

Index Name	Index Type	Sequence	Column Name
KRSC_RSC_POOL_PERIOD_SUM_U1	UNIQUE	1	RSC_POOL_PERIOD_SUM_ID
KRSC_RSC_POOL_PERIOD_SUM_U2	UNIQUE	1	RESOURCE_POOL_ID
KRSC_RSC_POOL_PERIOD_SUM_U2	UNIQUE	2	ROLE_ID
KRSC_RSC_POOL_PERIOD_SUM_U2	UNIQUE	3	FISCAL_PERIOD_ID

Sequences

Sequence Name	Sequence Type
KRSC_RSC_POOL_PERIOD_SUM_S	RSC_POOL_PERIOD_SUM_ID

KRSC_STAFF_PROF_PERIOD_SUM

This table stores overall sum and monthly period sum for staffing profiles.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
PPM_FISCAL_ PERIODS_NLS	FISCAL_PERIOD_ID	PERIOD_ID
RSC_STAFFING_ PROFILES	STAFFING_PROFILE_ID	STAFF_PROF_ID

Column Descriptions

Column Name	Null?	Data Type	Description
STAFF_PROF_ PERIOD_SUM_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
STAFF_PROF_ID	NOT NULL	NUMBER	Staffing profile ID
PERIOD_ID	NOT NULL	NUMBER	Monthly period ID
PROJECTED_TOTAL_ FTE	NOT NULL	NUMBER	Projected total FTE of actual values or planned values when actuals are not available
PLAN_TOTAL_FTE	NOT NULL	NUMBER	Total Planned FTE
ACTUAL_TOTAL_FTE	NOT NULL	NUMBER	Total actual FTE
SEQ	NOT NULL	NUMBER	Sequence of the period for this staffing profile period sum row

Indexes

Index Name	Index Type	Sequence	Column Name
KRSC_STAFF_PROF_PERIOD_SUM_N2	NONUNIQUE	1	SEQ
KRSC_STAFF_PROF_PERIOD_SUM_U1	UNIQUE	1	STAFF_PROF_PERIOD_SUM_ID
KRSC_STAFF_PROF_PERIOD_SUM_U2	UNIQUE	1	PERIOD_ID
KRSC_STAFF_PROF_PERIOD_SUM_U2	UNIQUE	2	STAFF_PROF_ID
KRSC_STAFF_PROF_PERIOD_SUM_U3	UNIQUE	1	STAFF_PROF_ID
KRSC_STAFF_PROF_PERIOD_SUM_U3	UNIQUE	2	PERIOD_ID
KRSC_STAFF_PROF_PERIOD_SUM_U3	UNIQUE	3	SEQ

Sequences

Sequence Name	Sequence Type
KRSC_STAFF_PROF_PERIOD_SUM_S	STAFF_PROF_PERIOD_SUM_ID

KRSC_WORK_ITEM_ASSIGNMENTS

This table stores a copy of all the Assignment information from Projects, Requests, and Staffing Profiles. The relevant data is de-normalized (and pre-processed) into this table and kept up to date asynchronously by the server. This table serves as the data source for the Workload information in the Resource Management visualizations (available from the Resource Management menu)

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	USER_ID

Column Descriptions

Column Name	Null?	Data Type	Description
WORK_ITEM_ ASSIGNMENT_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
WORK_ITEM_ ENTITY_ID	NOT NULL	NUMBER	Foreign key to KNTA_ ENTITIES. The Entity type of the originating assignment information (Request, Task, or Staffing Profile Line Cell)
WORK_ITEM_ NAME	NOT NULL	VARCHAR2(300)	Request Id, the Task Name, or the Staffing Profile Line Cell Id
WORK_ITEM_ID	NOT NULL	NUMBER	Foreign key to Requests, Tasks, or Staffing Profile Line Cells.

Column Name	Null?	Data Type	Description
USER_ID	NOT NULL	NUMBER	Foreign key to KNTA_ USERS. The User that is working on this assignment. Can be null.
SKILL_ID	NOT NULL	NUMBER	Foreign key to the KRSC_ SKILLS table. The Skill used by the User working on this assignment. Cannot be null. Will point to the 'Unspecified' Skill if not specified.
GROUP_ENTITY_ID	NOT NULL	NUMBER	Foreign key to KNTA_ ENTITIES. It is either the Request Type Entity ID, the Staffing Profile Entity ID, or the Project Entity ID (depending on if the Work Item Entity is a request, a task, or a staffing profile line cell)
GROUP_NAME	NOT NULL	VARCHAR2(300)	Request Type Name, Staffing Profile Name, or the Project name associated with the GROUP_ID.
GROUP_ID	NOT NULL	NUMBER	Foreign key to KCRT_ REQUEST_TYPES, KRSC_ STAFF_PROFS, or KDRV_ PROJECTS.
WORKLOAD_ CATEGORY_CODE	NULLABLE	VARCHAR2(30)	Lookup code for 'RSC - Workload Category Code'
WORKLOAD_FLAG	NOT NULL	VARCHAR2(1)	'Y' or 'N'. Determines whether this assignment should show up in workload visualizations.
PLAN_CALENDAR	NULLABLE	VARCHAR2(4)	Calendar used to determine the working days and the number of hours in a working day. Either 'BASE' or 'RSC'. 'BASE' by default and 'RSC' if the User's Calendar differs from the Base Calendar (for example, Vacation Days)

Column Name	Null?	Data Type	Description
PLAN_START_ DATE	NULLABLE	DATE	Scheduled Start Date (day and time) of the assignment
PLAN_START_DAY	NULLABLE	DATE	Scheduled Start Date at 00:00:00 hours
PLAN_START_ DAY_FRACTION	NULLABLE	NUMBER	Fraction of first day that contributes to the scheduled duration
PLAN_START_ DAY_EFFORT	NULLABLE	NUMBER	Number of hours scheduled on the first day of assignment
PLAN_FINISH_ DATE	NULLABLE	DATE	Scheduled End Date (day and time) of the assignment
PLAN_FINISH_DAY	NULLABLE	DATE	Scheduled End Date at 00:00:00 hours
PLAN_FINISH_ DAY_FRACTION	NULLABLE	NUMBER	Fraction of end day that contributes to the scheduled duration
PLAN_FINISH_ DAY_EFFORT	NULLABLE	NUMBER	Number of hours scheduled on the last day of assignment
PLAN_TOTAL_ WORKDAYS	NULLABLE	NUMBER	Scheduled duration
PLAN_TOTAL_ EFFORT	NULLABLE	NUMBER	Scheduled Effort
PLAN_WORKDAY_ EFFORT	NULLABLE	NUMBER	Number of hours scheduled to be worked on every day other than the first day or last day of the assignment.
ACTUAL_ CALENDAR	NULLABLE	VARCHAR2(4)	Calendar used to determine the working days and the number of hours in a working day. Either 'BASE' or 'RSC'. 'BASE' by default and 'RSC' if the User's Calendar differs from the Base Calendar (for example, Vacation Days)
ACTUAL_START_ DATE	NULLABLE	DATE	Actual Start Date (day and time) of the assignment
ACTUAL_START_ DAY	NULLABLE	DATE	Actual Start Date at 00:00:00 hours

Column Name	Null?	Data Type	Description
ACTUAL_START_DAY_FRACTION	NULLABLE	NUMBER	Fraction of first day that contributes to the Actual duration
ACTUAL_START_DAY_EFFORT	NULLABLE	NUMBER	Number of hours actually worked the first day of assignment
ACTUAL_FINISH_DATE	NULLABLE	DATE	Actual End Date (day and time) of the assignment
ACTUAL_FINISH_DAY	NULLABLE	DATE	Actual End Date at 00:00:00 hours
ACTUAL_FINISH_DAY_FRACTION	NULLABLE	NUMBER	Fraction of end day that contributes to the Actual duration
ACTUAL_FINISH_DAY_EFFORT	NULLABLE	NUMBER	Number of hours actually worked the last day of assignment
ACTUAL_TOTAL_WORKDAYS	NULLABLE	NUMBER	Actual duration
ACTUAL_TOTAL_EFFORT	NULLABLE	NUMBER	Actual effort
ACTUAL_WORKDAY_EFFORT	NULLABLE	NUMBER	Number of hours actually worked on every day other than the first day or last day of the assignment

Indexes

Index Name	Index Type	Sequence	Column Name
KRSC_WORK_ITEM_ASSIGNMENTS_N1	NONUNIQUE	1	WORK_ITEM_ENTITY_ID
KRSC_WORK_ITEM_ASSIGNMENTS_N1	NONUNIQUE	2	WORK_ITEM_ID
KRSC_WORK_ITEM_ASSIGNMENTS_N10	NONUNIQUE	1	PLAN_FINISH_DATE
KRSC_WORK_ITEM_ASSIGNMENTS_N11	NONUNIQUE	1	ACTUAL_START_DATE
KRSC_WORK_ITEM_ASSIGNMENTS_N12	NONUNIQUE	1	ACTUAL_FINISH_DATE

Index Name	Index Type	Sequence	Column Name
KRSC_WORK_ITEM_ ASSIGNMENTS_N13	NONUNIQUE	1	GROUP_ID
KRSC_WORK_ITEM_ ASSIGNMENTS_N2	NONUNIQUE	1	USER_ID
KRSC_WORK_ITEM_ ASSIGNMENTS_N3	NONUNIQUE	1	SKILL_ID
KRSC_WORK_ITEM_ ASSIGNMENTS_N4	NONUNIQUE	1	WORKLOAD_ CATEGORY_CODE
KRSC_WORK_ITEM_ ASSIGNMENTS_N5	NONUNIQUE	1	PLAN_START_DAY
KRSC_WORK_ITEM_ ASSIGNMENTS_N6	NONUNIQUE	1	PLAN_FINISH_DAY
KRSC_WORK_ITEM_ ASSIGNMENTS_N7	NONUNIQUE	1	ACTUAL_START_ DAY
KRSC_WORK_ITEM_ ASSIGNMENTS_N8	NONUNIQUE	1	ACTUAL_FINISH_ DAY
KRSC_WORK_ITEM_ ASSIGNMENTS_N9	NONUNIQUE	1	PLAN_START_DATE
KRSC_WORK_ITEM_ ASSIGNMENTS_U1	UNIQUE	1	WORK_ITEM_ ASSIGNMENT_ID

Sequences

Sequence Name	Sequence Type
KRSC_WORK_ITEM_ ASSIGNMENTS_S	WORK_ITEM_ ASSIGNMENT_ID

KTMG_CHARGE_CODES

The MLU table for KTMG_CHARGE_CODES. This table stores the information for charge codes shown in the workbench.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
CHARGE_CODE_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
CHARGE_CODE_NAME	NOT NULL	VARCHAR2(80)	Name of the charge code
DESCRIPTION	NOT NULL	VARCHAR2(240)	Description of the charge code
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flag = Y if charge code is enabled, N if not enabled
CHARGE_CODE_CATEGORY_CODE	NULLABLE	VARCHAR2(30)	Category of the charge code
DEPARTMENT_CODE	NULLABLE	VARCHAR2(30)	Code of the Department of the charge code

Column Name	Null?	Data Type	Description
CLIENT_CODE	NULLABLE	VARCHAR2(30)	Code of the Client of the charge code
DEFINITION_ LANGUAGE	NOT NULL	VARCHAR2(40)	Language definition for MLU
REFERENCE_ CODE	NOT NULL	VARCHAR2(200)	Reference code for MLU

Indexes

Index Name	Index Type	Sequence	Column Name
KTMG_CHARGE_ CODES_U1	UNIQUE	1	CHARGE_CODE_ID
KTMG_CHARGE_ CODES_U2	UNIQUE	1	CHARGE_CODE_ NAME
SYS_C005199598	UNIQUE	1	REFERENCE_CODE

Sequences

Sequence Name	Sequence Type
KTMG_CHARGE_ CODES_S	CHARGE_CODE_ID

KTMG_ORULE_CHARGE_CODES

This table stores information about Override Rules associated with charge codes for Time Management.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KTMG_CHARGE_CODES_NLS	CHARGE_CODE_ID	CHARGE_CODE_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KTMG_OVERRIDE_RULES	OVERRIDE_RULE_ID	OVERRIDE_RULE_ID
KNTA_USERS	USER_ID	CREATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
ORULE_CHARGE_CODE_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
OVERRIDE_RULE_ID	NOT NULL	NUMBER	Override rule identifier that identifies the override rule that is associated
CHARGE_CODE_ID	NOT NULL	NUMBER	Charge code identifier that identifies the charge code that is associated
CHARGE_PERCENT	NOT NULL	NUMBER	Percent of the charge to be performed

Indexes

Index Name	Index Type	Sequence	Column Name
KTMG_ORULE_ CHARGE_CODES_U1	UNIQUE	1	ORULE_CHARGE_ CODE_ID
KTMG_ORULE_ CHARGE_CODES_U2	UNIQUE	1	OVERRIDE_RULE_ID
KTMG_ORULE_ CHARGE_CODES_U2	UNIQUE	2	CHARGE_CODE_ID

Sequences

Sequence Name	Sequence Type
KTMG_ORULE_ CHARGE_CODES_S	ORULE_CHARGE_CODE_ID

KTMG_OVERRIDE_RULES

This table stores override rules for Time Management.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
WP_TASKS	TASK_ID	WORK_ITEM_ID
KNTA_REGIONS_NLS	REGION_ID	REGION_ID
KDLV_PACKAGES	PACKAGE_ID	WORK_ITEM_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
PM_PROJECTS	PROJECT_ID	WORK_ITEM_SET_ID
KCRT_REQUESTS	REQUEST_ID	WORK_ITEM_ID
KNTA_USERS	USER_ID	BILLING_ID
KCRT_REQUEST_ TYPES_NLS	REQUEST_TYPE_ID	WORK_ITEM_SET_ID
KNTA_SECURITY_ GROUPS_NLS	SECURITY_GROUP_ID	BILLING_ID
KWFL_WORKFLOWS_ NLS	WORKFLOW_ID	WORK_ITEM_SET_ID
KNTA_SECURITY_ GROUPS_NLS	SECURITY_GROUP_ID	APPROVAL_ID
KNTA_USERS	USER_ID	APPROVAL_ID

Column Descriptions

Column Name	Null?	Data Type	Description
OVERRIDE_ RULE_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
ENTITY_LAST_ UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated

Column Name	Null?	Data Type	Description
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
OVERRIDE_RULE_NAME	NOT NULL	VARCHAR2(80)	Name of the override rule
DESCRIPTION	NULLABLE	VARCHAR2(240)	Description of the override rule
WORK_ITEM_TYPE_CODE	NULLABLE	VARCHAR2(30)	Type identifier of the work item to which this rule belongs to
WORK_ITEM_SET_ID	NULLABLE	NUMBER	Set identifier of the work set to which the work item belongs to
WORK_ITEM_ID	NULLABLE	NUMBER	Work item identifier that identifies the work item to which the override rule belongs to
DEPARTMENT_CODE	NULLABLE	VARCHAR2(30)	Department identifier that identifies which department the override rule applies to
RESOURCE_TITLE_CODE	NULLABLE	VARCHAR2(30)	Title of the resource to which this override rule belongs to
RATE_UNIT_CODE	NULLABLE	VARCHAR2(30)	Identifier that identifies the rate unit
RATE	NULLABLE	NUMBER	Rate for the override rule
APPROVAL_TYPE_CODE	NULLABLE	VARCHAR2(30)	Identifier that identifies the type of approval for the override rule
APPROVAL_ID	NULLABLE	NUMBER	Identifier for the approval for the override rule
BILLING_TYPE_CODE	NULLABLE	VARCHAR2(30)	Identifier that identifies the type of billing for the override rule
BILLING_ID	NULLABLE	NUMBER	Identifier for the billing of the override rule
OVERRIDE_RESOURCE_CC_FLAG	NULLABLE	VARCHAR2(1)	Flag that determines whether the resource charge code is overridden
OVERRIDE_WORK_ALLOC_CC_FLAG	NULLABLE	VARCHAR2(1)	Flag that determines whether the work allocation charge code is overridden

Column Name	Null?	Data Type	Description
CHARGE_ CODES_ UPDATEABLE_ FLAG	NULLABLE	VARCHAR2(1)	Flag that determines whether the charge code for the override rule is updateable
CHARGE_ CODES_ REQUIRED_ FLAG	NULLABLE	VARCHAR2(1)	Flag that determines whether a charge code is required for the override rule
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flag that determines whether the current override rule is enabled
REGION_ID	NULLABLE	NUMBER	Foreign key to region_id on knta_regions table. Used to reference the currency for the rate.

Indexes

Index Name	Index Type	Sequence	Column Name
KTMG_OVERRIDE_RULES_N1	NONUNIQUE	1	WORK_ITEM_ TYPE_CODE
KTMG_OVERRIDE_RULES_N2	NONUNIQUE	1	WORK_ITEM_ SET_ID
KTMG_OVERRIDE_RULES_N3	NONUNIQUE	1	WORK_ITEM_ID
KTMG_OVERRIDE_RULES_N4	NONUNIQUE	1	RESOURCE_ TITLE_CODE
KTMG_OVERRIDE_RULES_N5	NONUNIQUE	1	DEPARTMENT_ CODE
KTMG_OVERRIDE_RULES_U1	UNIQUE	1	OVERRIDE_ RULE_ID
KTMG_OVERRIDE_RULES_U2	UNIQUE	1	OVERRIDE_ RULE_NAME

Sequences

Sequence Name	Sequence Type
KTMG_OVERRIDE_RULES_S	OVERRIDE_ RULE_ID

KTMG_PAGE_COLUMNS

This table stores information for page columns for Time Management.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
PAGE_COLUMN_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
PAGE_NAME	NOT NULL	VARCHAR2(100)	Name of the page the column resides on
SEQ	NOT NULL	NUMBER	Sequence of the page column
COLUMN_NAME	NOT NULL	VARCHAR2(100)	Name of the page column
COLUMN_TITLE	NOT NULL	VARCHAR2(100)	Title of the page column
FIELD_WIDTH	NULLABLE	NUMBER	Width of the field
NUMERIC_FLAG	NOT NULL	VARCHAR2(1)	Flag to determine whether the field is numeric
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flag to determine whether the page column is enabled

Indexes

Index Name	Index Type	Sequence	Column Name
KTMG_PAGE_ COLUMNS_U1	UNIQUE	1	PAGE_COLUMN_ID
KTMG_PAGE_ COLUMNS_U2	UNIQUE	1	PAGE_NAME
KTMG_PAGE_ COLUMNS_U2	UNIQUE	2	COLUMN_NAME

Sequences

Sequence Name	Sequence Type
KTMG_PAGE_ COLUMNS_S	PAGE_COLUMN_ID

KTMG_PERIOD_TYPES

This table stores the types time periods used in Time Management.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	CREATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
PERIOD_TYPE_ ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
PERIOD_TYPE_ NAME	NOT NULL	VARCHAR2(80)	Name of the period type
DESCRIPTION	NOT NULL	VARCHAR2(240)	Description of the period type
START_DAY_ CODE	NULLABLE	VARCHAR2(30)	Day in the week where this period type starts, if relevant
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	flag = Y if this period type is enabled, N if not
DURATION_ CODE	NULLABLE	VARCHAR2(30)	Code to reflect the duration of the period type
DEFINITION_ LANGUAGE	NOT NULL	VARCHAR2(40)	Language definition for MLU

Indexes

Index Name	Index Type	Sequence	Column Name
KTMG_PERIOD_TYPES_N1	NONUNIQUE	1	ENABLED_FLAG
KTMG_PERIOD_TYPES_U1	UNIQUE	1	PERIOD_TYPE_ID
KTMG_PERIOD_TYPES_U2	UNIQUE	1	PERIOD_TYPE_NAME

Sequences

Sequence Name	Sequence Type
KTMG_PERIOD_TYPES_S	PERIOD_TYPE_ID

KTMG_PERIODS

This table stores the information that defines the time periods used in Time Management.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KTMG_PERIOD_TYPES_NLS	PERIOD_TYPE_ID	PERIOD_TYPE_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
PERIOD_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
PERIOD_NAME	NOT NULL	VARCHAR2(80)	User defined name for the period
PERIOD_TYPE_ID	NOT NULL	NUMBER	Foreign key to KTMG_PERIOD_TYPES table that determines the duration of the period
START_DATE	NOT NULL	DATE	Date on which the period starts (inclusive)
END_DATE	NOT NULL	DATE	Date on which the period ends (inclusive)
SEQ	NOT NULL	NUMBER	Chronological order of the period with in the period type

Indexes

Index Name	Index Type	Sequence	Column Name
KTMG_PERIODS_N1	NONUNIQUE	1	END_DATE
KTMG_PERIODS_U1	UNIQUE	1	PERIOD_ID
KTMG_PERIODS_U2	UNIQUE	1	START_DATE
KTMG_PERIODS_U2	UNIQUE	2	PERIOD_TYPE_ID
KTMG_PERIODS_U3	UNIQUE	1	PERIOD_NAME
KTMG_PERIODS_U3	UNIQUE	2	PERIOD_TYPE_ID
KTMG_PERIODS_U4	UNIQUE	1	PERIOD_TYPE_ID
KTMG_PERIODS_U4	UNIQUE	2	SEQ

Sequences

Sequence Name	Sequence Type
KTMG_PERIODS_S	PERIOD_ID

KTMG_POLICIES

This table stores information about time sheet policies that can be associated with time sheet users.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KTMG_PERIOD_TYPES_NLS	PERIOD_TYPE_ID	PERIOD_TYPE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
POLICY_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
POLICY_NAME	NOT NULL	VARCHAR2(80)	User defined name for the policy
DESCRIPTION	NULLABLE	VARCHAR2(240)	Description of the policy
PERIOD_TYPE_ID	NOT NULL	NUMBER	Foreign key to KTMG_PERIOD_TYPES table that determines the duration of the period
TIME_ENTRY_DURATION_CODE	NOT NULL	VARCHAR2(30)	Whether the user will be logging time by the day or some other defined period

Column Name	Null?	Data Type	Description
TIME_ENTRY_ UNIT_CODE	NOT NULL	VARCHAR2(30)	If entering time by a Period, whether entering the time in hours or as a percent of the hours in the period.
PERIOD_HOURS_ CALC_TYPE_CODE	NULLABLE	VARCHAR2(30)	Lookup code for 'TMG - Time Period Calculation Types'. Determines how he number of hours in a period are calculated.
PERIOD_HOURS	NULLABLE	NUMBER	Number of hours in the Period if the PERIOD_ HOURS_CALC_TYPE_ CODE is fixed.
WORKDAY_ HOURS	NULLABLE	NUMBER	Number of hours in a day if the PERIOD_HOURS_ CALC_TYPE_CODE is the number of days times the hours in each day.
OVERRIDE_ WORK_ALLOC_ CC_FLAG	NOT NULL	VARCHAR2(1)	Either 'Y' or 'N'. Determines whether any existing charge codes for the Work Allocation will be overridden by the resource charge code.
DUPLICATE_ ALLOWED_FLAG	NOT NULL	VARCHAR2(1)	Flag to specify duplicate time sheets (multiple time sheets for the same period) is allowed or not.
TIMESHEET_ REQUIRED_FLAG	NOT NULL	VARCHAR2(1)	Flag to specify if the resource is required to fill in a time sheet
MAX_HOURS_ PER_DAY	NULLABLE	NUMBER	Specifies allowed maximum total hours per day
MAX_HOURS_ PER_TIMESHEET	NULLABLE	NUMBER	Specifies allowed maximum total hours per time sheet
MIN_HOURS_PER_ TIMESHEET	NULLABLE	NUMBER	Specifies allowed minimum total hours per time sheet

Column Name	Null?	Data Type	Description
MIN_MAX_HOURS_CALC_TYPE_CODE	NULLABLE	VARCHAR2(30)	Lookup code for 'TMG - Time Period Calculation Types'. Determines how the number of hours in a period are calculated.
PREVENT_VIOLATION_FLAG	NOT NULL	VARCHAR2(1)	Flag to determine whether the time sheet can be released when there is a violation on the policy
GLOBAL_POLICY_FLAG	NOT NULL	VARCHAR2(1)	Specifies if the policy is the default policy for all resources without a policy
AUTO_APPROVAL_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether the user's time is automatically approved
MAX_PERCENT_PER_TIMESHEET	NULLABLE	NUMBER	If entering in percent, what is the maximum percentage allowed.
MIN_PERCENT_PER_TIMESHEET	NULLABLE	NUMBER	If entering in percent, what is the minimum percentage allowed.
REQ_ACTIVITIES_REQUIRED_FLAG	NOT NULL	VARCHAR2(4)	Indicates whether the user is required to enter activities on their time sheet for requests (Y/N)
TSK_ACTIVITIES_REQUIRED_FLAG	NOT NULL	VARCHAR2(4)	Indicates whether the user is required to enter activities on their time sheet for tasks (Y/N)
PKG_ACTIVITIES_REQUIRED_FLAG	NOT NULL	VARCHAR2(4)	Indicates whether the user is required to enter activities on their time sheet for packages (Y/N)
MISC_ACTIVITIES_REQUIRED_FLAG	NOT NULL	VARCHAR2(4)	Indicates whether the user is required to enter activities on their time sheet for misc items (Y/N)

Column Name	Null?	Data Type	Description
ACTIVITIES_ DISPLAY_FLAG	NOT NULL	VARCHAR2(4)	Indicates whether the user is allowed to specify activities on their time sheet for work items (Y/N)
EXP_HRS_ DISPLAY_FLAG	NOT NULL	VARCHAR2(4)	Indicates whether the time sheet is showing the expected hours (Y/N)
WORKITEM_REQ_ ENABLED_FLAG	NOT NULL	VARCHAR2(4)	Indicates whether the user is allowed to have requests as work items on their time sheet (Y/N)
WORKITEM_PRJ_ ENABLED_FLAG	NOT NULL	VARCHAR2(4)	Indicates whether the user is allowed to have projects as work items on their time sheet (Y/N)
WORKITEM_TSK_ ENABLED_FLAG	NOT NULL	VARCHAR2(4)	Indicates whether the user is allowed to have tasks as work items on their time sheet (Y/N)
WORKITEM_PKG_ ENABLED_FLAG	NOT NULL	VARCHAR2(4)	Indicates whether the user is allowed to have packages as work items on their time sheet (Y/N)
WORKITEM_MSC_ ENABLED_FLAG	NOT NULL	VARCHAR2(4)	Indicates whether the user is allowed to have misc as work items on their time sheet (Y/N)
PRJ_ACTIVITIES_ REQUIRED_FLAG	NOT NULL	VARCHAR2(4)	Indicates whether the user is required to enter activities on their time sheet for project items (Y/N)
ALLOW_EMPTY_ LINE_FLAG	NULLABLE	NUMBER	Level how to deal with the empty time sheet line in a time sheet

Indexes

Index Name	Index Type	Sequence	Column Name
KTMG_POLICIES_U1	UNIQUE	1	POLICY_ID
KTMG_POLICIES_U2	UNIQUE	1	POLICY_NAME

Sequences

Sequence Name	Sequence Type
KTMG_POLICIES_S	POLICY_ID

KTMG_POLICY_CHARGE_CODES

This table stores the information that defines the charge codes that are associated with a time sheet policy. Any time sheet using this policy will have its items defaulted to use these charge codes.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KTMG_POLICIES	POLICY_ID	POLICY_ID
KTMG_CHARGE_CODES_NLS	CHARGE_CODE_ID	CHARGE_CODE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
POLICY_CHARGE_CODE_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
POLICY_ID	NOT NULL	NUMBER	Foreign key to KTMG_POLICIES table
CHARGE_CODE_ID	NOT NULL	NUMBER	Foreign key to KTMG_CHARGE_CODES table
CHARGE_PERCENT	NOT NULL	NUMBER	Percent of the users time that can be charged with this code

Indexes

Index Name	Index Type	Sequence	Column Name
KTMG_POLICY_ CHARGE_CODES_U1	UNIQUE	1	POLICY_CHARGE_ CODE_ID
KTMG_POLICY_ CHARGE_CODES_U2	UNIQUE	1	POLICY_ID
KTMG_POLICY_ CHARGE_CODES_U2	UNIQUE	2	CHARGE_CODE_ID

Sequences

Sequence Name	Sequence Type
KTMG_POLICY_ CHARGE_CODES_S	POLICY_CHARGE_ CODE_ID

KTMG_RES_GROUP_CC_RULES

The table stores the information that defines rules which determine what charge codes can be used by a Security Group.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_SECURITY_ GROUPS_NLS	SECURITY_GROUP_ID	SECURITY_GROUP_ID

Column Descriptions

Column Name	Null?	Data Type	Description
RES_GROUP_ CC_RULE_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
SECURITY_ GROUP_ID	NOT NULL	NUMBER	Foreign key to the parent Security Group for which this rule is defined

Column Name	Null?	Data Type	Description
RESTRICTION_TYPE_CODE	NOT NULL	VARCHAR2(30)	Lookup code for 'TMG - charge code Filter Types'
VALUE	NOT NULL	VARCHAR2(80)	Value (corresponding to the RESTRICTION_TYPE_CODE) that is allowed as a charge code
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Determines whether this rule is being used or ignored (Y/N)

Indexes

Index Name	Index Type	Sequence	Column Name
KTMG_RES_GROUP_CC_RULES_U1	UNIQUE	1	RES_GROUP_CC_RULE_ID
KTMG_RES_GROUP_CC_RULES_U2	UNIQUE	1	SECURITY_GROUP_ID
KTMG_RES_GROUP_CC_RULES_U2	UNIQUE	2	RESTRICTION_TYPE_CODE
KTMG_RES_GROUP_CC_RULES_U2	UNIQUE	3	VALUE

Sequences

Sequence Name	Sequence Type
KTMG_RES_GROUP_CC_RULES_S	RES_GROUP_CC_RULE_ID

KTMG_WI_ACTUALS_SUM

This table is added for performance. It stores the sum of the actuals of TM Work Items.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_REQUESTS	REQUEST_ID	WORK_ITEM_ID
KDLV_PACKAGES	PACKAGE_ID	WORK_ITEM_ID
WP_TASKS	TASK_ID	WORK_ITEM_ID

Column Descriptions

Column Name	Null?	Data Type	Description
WORK_ITEM_ID	NOT NULL	NUMBER	ID of the work item
WORK_ITEM_ TYPE_CODE	NOT NULL	VARCHAR2(40)	Code of the type of the work item
ACTUAL_TO_ DATE	NOT NULL	FLOAT	Total time logged for this work item at the time this record is logged
LAST_UPDATE_ TIME	NOT NULL	DATE	Last time this record was updated

Indexes

Index Name	Index Type	Sequence	Column Name
KTMG_WI_ACTUALS_ SUM_U1	UNIQUE	1	WORK_ITEM_ID
KTMG_WI_ACTUALS_ SUM_U1	UNIQUE	2	WORK_ITEM_ TYPE_CODE

Sequences

This table uses no sequences.

KTMG_WORK_ALLOC_CHARGE_CODES

This table stores information about Work Allocation charge codes for Time Management.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KTMG_CHARGE_CODES_NLS	CHARGE_CODE_ID	CHARGE_CODE_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KTMG_WORK_ALLOCATIONS	WORK_ALLOCATION_ID	WORK_ALLOCATION_ID

Column Descriptions

Column Name	Null?	Data Type	Description
WORK_ALLOC_CHARGE_CODE_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
WORK_ALLOCATION_ID	NOT NULL	NUMBER	Identifier that identifies which work allocation the charge code belongs to
CHARGE_CODE_ID	NOT NULL	NUMBER	Identifier that identifies which base charge code is represented by the work allocation charge code
CHARGE_PERCENT	NOT NULL	NUMBER	Charge percent of the work allocation charge code

Indexes

Index Name	Index Type	Sequence	Column Name
KTMG_WA_CHARGE_CODES_U1	UNIQUE	1	WORK_ALLOC_CHARGE_CODE_ID
KTMG_WA_CHARGE_CODES_U2	UNIQUE	1	WORK_ALLOCATION_ID
KTMG_WA_CHARGE_CODES_U2	UNIQUE	2	CHARGE_CODE_ID

Sequences

Sequence Name	Sequence Type
KTMG_WORK_ALLOC_CHARGE_CODES_S	WORK_ALLOC_CHARGE_CODE_ID

KTMG_WORK_ALLOC_RES_ACCESS

This table stores information about Work Allocation Access Restrictions for Time Management.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KTMG_WORK_ ALLOCATIONS	WORK_ALLOCATION_ ID	WORK_ALLOCATION_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
WORK_ALLOC_ RES_ACCESS_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
WORK_ ALLOCATION_ID	NOT NULL	NUMBER	Identifies the work allocation the restricted access data refers to
SOURCE_TYPE_ CODE	NOT NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, and so on)
SOURCE_ID	NOT NULL	NUMBER	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.

Indexes

Index Name	Index Type	Sequence	Column Name
KTMG_WORK_ALLOC_ RES_ACCESS_U1	UNIQUE	1	WORK_ALLOC_ RES_ACCESS_ID
KTMG_WORK_ALLOC_ RES_ACCESS_U2	UNIQUE	1	WORK_ ALLOCATION_ID
KTMG_WORK_ALLOC_ RES_ACCESS_U2	UNIQUE	2	SOURCE_ID
KTMG_WORK_ALLOC_ RES_ACCESS_U2	UNIQUE	3	SOURCE_TYPE_ CODE

Sequences

Sequence Name	Sequence Type
KTMG_WORK_ALLOC_ RES_ACCESS_S	WORK_ALLOC_ RES_ACCESS_ID

KTMG_WORK_ALLOCATIONS

This table stores information about Work Allocations for Time Management.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
PM_PROJECTS	PROJECT_ID	WORK_ITEM_SET_ID
KCRT_REQUEST_TYPES_NLS	REQUEST_TYPE_ID	WORK_ITEM_SET_ID
KDLV_PACKAGES	PACKAGE_ID	WORK_ITEM_ID
WP_TASKS	TASK_ID	WORK_ITEM_ID
KWFL_WORKFLOWS_NLS	WORKFLOW_ID	WORK_ITEM_SET_ID
KCRT_REQUESTS	REQUEST_ID	WORK_ITEM_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
WORK_ ALLOCATION_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
ENTITY_LAST_ UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
WORK_ITEM_ID	NOT NULL	NUMBER	Identifier that identifies the work item associated with the work allocation
WORK_ITEM_SET_ ID	NULLABLE	NUMBER	Identifier that identifies the work item set associated with the work item
WORK_ITEM_ TYPE_CODE	NOT NULL	VARCHAR2(30)	Identifier that identifies the type of work item

Column Name	Null?	Data Type	Description
TIME_UNIT_CODE	NOT NULL	VARCHAR2(30)	Identifier that identifies the type of time unit
ORIGINAL_ BUDGETED_TIME	NULLABLE	NUMBER	Original budgeted time for the work allocation
CURRENT_ BUDGETED_TIME	NULLABLE	NUMBER	Current budgeted time for the work allocation
STANDARD_ DISCOUNT	NULLABLE	NUMBER	Standard discount for the work allocation
BILLING_ DISCOUNT	NULLABLE	NUMBER	Billing discount for the work allocation
RESTRICT_RES_ ACCESS_FLAG	NOT NULL	VARCHAR2(1)	Flag that determines if the work allocation has restricted access
STATUS_CODE	NOT NULL	VARCHAR2(30)	Status of the work allocation
CHARGE_CODES_ UPDATEABLE_ FLAG	NOT NULL	VARCHAR2(1)	Flag that determines if the charge code is updateable
CHARGE_CODES_ REQUIRED_FLAG	NOT NULL	VARCHAR2(1)	Flag that determines if the charge code is required

Indexes

Index Name	Index Type	Sequence	Column Name
KTMG_WORK_ ALLOCATIONS_N1	NONUNIQUE	1	WORK_ITEM_ SET_ID
KTMG_WORK_ ALLOCATIONS_N1	NONUNIQUE	2	WORK_ITEM_ TYPE_CODE
KTMG_WORK_ ALLOCATIONS_U1	UNIQUE	1	WORK_ ALLOCATION_ID
KTMG_WORK_ ALLOCATIONS_U2	UNIQUE	1	WORK_ITEM_ID
KTMG_WORK_ ALLOCATIONS_U2	UNIQUE	2	WORK_ITEM_ TYPE_CODE

Sequences

Sequence Name	Sequence Type
KTMG_WORK_ALLOCATIONS_S	WORK_ALLOCATION_ID

KVER_FILES

This table stores version control information of the files in the PPM system.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
FILE_ID	NOT NULL	NUMBER	System-generated identifier
LAST_UPDATED_BY	NOT NULL	VARCHAR2(30)	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
CREATED_BY	NOT NULL	VARCHAR2(30)	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
FILE_NAME	NOT NULL	VARCHAR2(66)	Name of the file
FILE_BASE	NOT NULL	VARCHAR2(50)	the base path of the file
FILE_EXT	NULLABLE	VARCHAR2(15)	the file extension
SUB_PATH	NOT NULL	VARCHAR2(50)	sub path of the file
APPLICATION	NOT NULL	VARCHAR2(50)	which application the file is associated with
LOCKED_FLAG	NOT NULL	VARCHAR2(1)	is the file locked
LOCKED_BY	NULLABLE	VARCHAR2(30)	who is it locked by
CURR_REVISION	NOT NULL	VARCHAR2(30)	the current revision of the file
DESCRIPTION	NULLABLE	VARCHAR2(200)	description of the file

Indexes

Index Name	Index Type	Sequence	Column Name
KVER_FILES_N1	NONUNIQUE	1	FILE_NAME
KVER_FILES_N2	NONUNIQUE	1	SUB_PATH
KVER_FILES_N3	NONUNIQUE	1	APPLICATION
KVER_FILES_N4	NONUNIQUE	1	CURR_REVISION
KVER_FILES_U1	UNIQUE	1	FILE_ID

Sequences

Sequence Name	Sequence Type
KVER_FILES_S	FILE_ID

KVER_REVISIONS

This table stores all of the revision information that happens with Version Control.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KVER_FILES	FILE_ID	FILE_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
REVISION_ID	NOT NULL	NUMBER	Unique ID for each revision
FILE_ID	NOT NULL	NUMBER	Unique ID for each file
LAST_UPDATED_BY	NOT NULL	VARCHAR2(30)	The last person to perform a check in
LAST_UPDATE_DATE	NOT NULL	DATE	Date of last check in
CREATED_BY	NOT NULL	VARCHAR2(30)	Person who created the file
CREATION_DATE	NOT NULL	DATE	Date the file was created
LOCKED_FLAG	NOT NULL	VARCHAR2(1)	Lock status of the file (Y/N)
REVISION_NUMBER	NOT NULL	VARCHAR2(30)	Revision number for the version of the file
LOG_MSG	NULLABLE	VARCHAR2(200)	Log message for each revision checked into the Version Control
DESCRIPTION	NULLABLE	VARCHAR2(200)	Description associated with the file

Column Name	Null?	Data Type	Description
REFERENCE_ID	NULLABLE	VARCHAR2(30)	Reference number associated with each file (generally the Change Request number)
REFERENCE_ TYPE_CODE	NULLABLE	VARCHAR2(30)	Entity code associated with the reference type (generally a "1" for a package)

Indexes

Index Name	Index Type	Sequence	Column Name
KVER_REVISIONS_N1	NONUNIQUE	1	FILE_ID
KVER_REVISIONS_N2	NONUNIQUE	1	REVISION_NUMBER
KVER_REVISIONS_N3	NONUNIQUE	1	LOCKED_FLAG
KVER_REVISIONS_U1	UNIQUE	1	REVISION_ID

Sequences

Sequence Name	Sequence Type
KVER_REVISIONS_S	REVISION_ID

KWFL_APPROVAL_RECIPIENTS

This table stores a row for each user authorized to vote on a multi-voter approval step. The rows are inserted into this table when the step first becomes Eligible. The rows are then updated with the result value chosen by the user, or the new approval recipient if the user chose to delegate his/her vote.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KWFL_APPROVAL_ RECIPIENTS	APPROVAL_ RECIPIENT_ID	DELEGATED_TO_ RECIPIENT_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KWFL_STEP_ TRANSACTIONS	STEP_ TRANSACTION_ID	STEP_TRANSACTION_ID
KNTA_USERS	USER_ID	USER_ID

Column Descriptions

Column Name	Null?	Data Type	Description
APPROVAL_ RECIPIENT_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
STEP_ TRANSACTION_ ID	NULLABLE	NUMBER	Identifies the approval step transaction to which this approval recipient row belongs.
USER_ID	NOT NULL	NUMBER	Identifies the user authorized to vote for the given approval step transaction

Column Name	Null?	Data Type	Description
DELEGATED_ FLAG	NOT NULL	VARCHAR2(1)	Specifies whether the user has delegated his vote to another user
DELEGATED_ TO_RECIPIENT_ ID	NULLABLE	NUMBER	Identifies the approval recipient row inserted when this user delegated his vote. This is a key into this same table.
RESULT_VALUE	NULLABLE	VARCHAR2(200)	Specifies the hidden result value chosen by this user
VISIBLE_ RESULT_VALUE	NULLABLE	VARCHAR2(200)	Specifies the displayed result value chosen by the user

Indexes

Index Name	Index Type	Sequence	Column Name
KWFL_APPROVAL_ RECIPIENTS_N1	NONUNIQUE	1	STEP_ TRANSACTION_ID
KWFL_APPROVAL_ RECIPIENTS_N1	NONUNIQUE	2	USER_ID
KWFL_APPROVAL_ RECIPIENTS_N2	NONUNIQUE	1	USER_ID
KWFL_APPROVAL_ RECIPIENTS_N3	NONUNIQUE	1	DELEGATED_TO_ RECIPIENT_ID
KWFL_APPROVAL_ RECIPIENTS_U1	UNIQUE	1	APPROVAL_ RECIPIENT_ID

Sequences

Sequence Name	Sequence Type
KWFL_APPROVAL_ RECIPIENTS_S	APPROVAL_ RECIPIENT_ID

KWFL_APPROVALS

The term "Approval" has changed to "Decision", but the schema still uses the older term. A decision is represented by one row in this table. Workflow steps can be of three types: decisions, conditions, and executions.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_VALIDATIONS_NLS	VALIDATION_ID	RESULT_VALIDATION_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_PARAMETER_SET_ CONTEXTS	PARAMETER_SET_ CONTEXT_ID	USER_DATA_SET_ CONTEXT_ID

Column Descriptions

Column Name	Null?	Data Type	Description
APPROVAL_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
ENTITY_LAST_ UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
APPROVAL_NAME	NOT NULL	VARCHAR2(100)	Name of the approval, which is also the default name of the defining workflow steps.
DESCRIPTION	NULLABLE	VARCHAR2(240)	A description of the approval.
PRODUCT_ SCOPE_CODE	NOT NULL	VARCHAR2(30)	Defined by lookup type PRODUCT_SCOPE_TYPE, and is either "AI", "RI", or "ALL".
RESULT_ VALIDATION_ID	NOT NULL	NUMBER	Defines the possible values for the workflow step

Column Name	Null?	Data Type	Description
TIMEOUT_VALUE	NULLABLE	NUMBER	Number of time units, given in TIMEOUT_UNIT_CODE, for the approval to timeout.
TIMEOUT_UNIT_ CODE	NULLABLE	VARCHAR2(30)	Unit of time for the Timeout of the approval. Can be "Minutes", "Hours", "Days", "Weeks", or "Weekdays". Defaults to "Days".
APPROVALS_ REQUIRED_CODE	NOT NULL	VARCHAR2(30)	Defined by the lookup type APPROVALS_REQUIRED.
ICON_NAME	NULLABLE	VARCHAR2(80)	Name of the GIF or JPG file that resides in the "icons" directory on the server which will be used to display this approval in the layout of the workflow.
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Only enabled approvals can be used to create workflow steps
SOURCE_TYPE_ CODE	NULLABLE	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, and so on).
SOURCE	NULLABLE	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.
USER_DATA_ SET_CONTEXT_ID	NULLABLE	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1-20	NULLABLE	VARCHAR2(200)	User data segment

Column Name	Null?	Data Type	Description
VISIBLE_USER_DATA1-20	NULLABLE	VARCHAR2(200)	User data segment
DEFINITION_LANGUAGE	NULLABLE	VARCHAR2(40)	Language in which this approval/decision was created
REFERENCE_CODE	NOT NULL	VARCHAR2(200)	Reference code. Equals to that of LOC table.

Indexes

Index Name	Index Type	Sequence	Column Name
KWFL_APPROVALS_U1	UNIQUE	1	APPROVAL_ID
KWFL_APPROVALS_U2	UNIQUE	1	APPROVAL_NAME
SYS_C005199761	UNIQUE	1	REFERENCE_CODE

Sequences

Sequence Name	Sequence Type
KWFL_APPROVALS_S	APPROVAL_ID

KWFL_CONDITIONS

This table stores only five rows which define the five seeded conditions: AND, OR, SYNC, FIRST_LINE and LAST_LINE. Thus, a user cannot edit any of those conditions. Workflow steps can be of three types: decisions, conditions, and executions.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_VALIDATIONS_NLS	VALIDATION_ID	RESULT_VALIDATION_ID

Column Descriptions

Column Name	Null?	Data Type	Description
CONDITION_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
CONDITION_NAME	NOT NULL	VARCHAR2(30)	Name of the condition, which may be up to 30 characters in length.
DESCRIPTION	NULLABLE	VARCHAR2(240)	Optional description of the condition
CONDITION_TYPE_CODE	NOT NULL	VARCHAR2(30)	One of 'AND', 'OR', 'SYNC', 'FIRST_LINE' and 'LAST_LINE', which are the values to represent the five possible condition types.

Column Name	Null?	Data Type	Description
RESULT_ VALIDATION_ID	NOT NULL	NUMBER	Seeded validation of the possible outcome values of this condition.
TIMEOUT_DAYS	NULLABLE	NUMBER	Not used.
PRODUCT_ SCOPE_CODE	NOT NULL	VARCHAR2(30)	Which product(s) workflows may use this condition. Defined by lookup type 'PRODUCT_ SCOPE_TYPE'. May be 'AI', 'RI', or 'ALL'. AI is HP Deployment Management, RI is HP Demand Management
ICON_NAME	NULLABLE	VARCHAR2(80)	Name of GIF or JPG file that resides in the icons directory on the server, which will be used to display this condition in graphical views of the workflow.
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Whether the condition can be used. Conditions are always enabled ('Y').

Indexes

Index Name	Index Type	Sequence	Column Name
KWFL_CONDITIONS_U1	UNIQUE	1	CONDITION_ID
KWFL_CONDITIONS_U2	UNIQUE	1	CONDITION_ NAME

Sequences

Sequence Name	Sequence Type
KWFL_CONDITIONS_S	CONDITION_ID

KWFL_EXECUTIONS

An execution is a step-source; that is, a workflow step can be defined on a particular execution. There are several types of executions: (1) PL/SQL code execution (2) SQL execution (3) Token based resolution (4) Special command execution (5) Workflow step command execution. While the user can specify any PL/SQL code or token, there is only a limited set of workflow commands. The execution "Close successfully", for example, is of type (4) and the command is "wf_close_success". The user can also define commands at the execution step by selecting workflow step commands as the execution type.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KWFL_WORKFLOW_COMMANDS	WORKFLOW_COMMAND_ID	WORKFLOW_COMMAND_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	CREATED_BY
KNTA_VALIDATIONS_NLS	VALIDATION_ID	RESULT_VALIDATION_ID
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	USER_DATA_SET_CONTEXT_ID

Column Descriptions

Column Name	Null?	Data Type	Description
EXECUTION_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
EXECUTION_NAME	NOT NULL	VARCHAR2(100)	A unique name of an execution
DESCRIPTION	NULLABLE	VARCHAR2(240)	Description of the execution

Column Name	Null?	Data Type	Description
EXECUTION_ TYPE_CODE	NOT NULL	VARCHAR2(30)	Defined by the lookup type "EXECUTION_TYPE". It can be "PLSQL", "SQL", "TOKEN", "COMMAND" or "COMMAND_ EXECUTION". When it is "COMMAND", the field WORKFLOW_COMMAND_ID specifies what command to execute.
WORKFLOW_ COMMAND_ID	NULLABLE	NUMBER	Defined the command to be executed. Only relevant when the EXECUTION_TYPE_ CODE is "COMMAND".
EXECUTION	NULLABLE	VARCHAR2(2000)	Relevant only when EXECUTION_TYPE_CODE is "PLSQL", "SQL", or "TOKEN". For "PLSQL", it contains a PL/ SQL function name and parameters. For "SQL" it contains the SQL statement. For "TOKEN", it contains the token name including brackets.
RESULT_ VALIDATION_ID	NOT NULL	NUMBER	Defines the validation used for valid result values
TIMEOUT_VALUE	NULLABLE	NUMBER	Number of time units, given in TIMEOUT_UNIT_CODE, for the execution decision to timeout. This is not the timeout for the actual execution run time.
TIMEOUT_UNIT_ CODE	NULLABLE	VARCHAR2(30)	Unit of time for the Timeout of the execution decision. Can be "Minutes", "Hours", "Days", "Weeks", or "Weekdays". Defaults to "Days".
PRODUCT_ SCOPE_CODE	NOT NULL	VARCHAR2(30)	Defined by the lookup type "PRODUCT_SCOPE_TYPE". It can be "ALL", "AI", or "RI".

Column Name	Null?	Data Type	Description
PROCESSING_TYPE_CODE	NOT NULL	VARCHAR2(30)	Defined by the lookup type "PROCESSING_TYPE". It can be IMMEDIATE or MANUAL.
ICON_NAME	NULLABLE	VARCHAR2(80)	Name of the image file that resides in the icons directory of the server, which is used to display the execution in graphical views.
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Either 'Y' or 'N'. If set to 'N', no new workflow steps can be created based on that execution.
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, and so on).
SOURCE	NULLABLE	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.
USER_DATA_SET_CONTEXT_ID	NULLABLE	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1-20	NULLABLE	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA1-20	NULLABLE	VARCHAR2(200)	User data segment
SYNCHRONOUS_FLAG	NOT NULL	VARCHAR2(1)	Y or N, should this execution wait to finish before returning to the end user or should it run asynchronously
DEFINITION_LANGUAGE	NULLABLE	VARCHAR2(40)	Language in which this execution was created
REFERENCE_CODE	NOT NULL	VARCHAR2(200)	Reference code. Equals to that of LOC table.

Indexes

Index Name	Index Type	Sequence	Column Name
KWFL_EXECUTIONS_U1	UNIQUE	1	EXECUTION_ID
KWFL_EXECUTIONS_U2	UNIQUE	1	EXECUTION_NAME
SYS_C00109353956	UNIQUE	1	REFERENCE_CODE

Sequences

Sequence Name	Sequence Type
KWFL_EXECUTIONS_S	EXECUTION_ID

KWFL_PENDING_EXEC_CALLBACKS

This table is used by the Workflow Engine for storing data needed for future status updates. In particular, the Workflow Engine uses this table to update the parent Request when a Package completes; as well, the Engine uses this table to schedule a status update for a future time if the relevant rows are locked at this time. This table stores the relevant status and context data.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KDLV_PACKAGES	PACKAGE_ID	CHILD_PACKAGE_ID
KENV_ENVIRONMENTS	ENVIRONMENT_ID	DEST_ENVIRONMENT_ ID
KWFL_PENDING_ EXEC_OBJECTS	BATCH_ID	EXECUTION_BATCH_ID
KCRT_REQUESTS	REQUEST_ID	INSTANCE_SOURCE_ SET_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KENV_ENVIRONMENTS	ENVIRONMENT_ID	SOURCE_ ENVIRONMENT_ID
KWFL_WORKFLOW_ STEPS_NLS	WORKFLOW_STEP_ID	WORKFLOW_STEP_ID

Column Descriptions

Column Name	Null?	Data Type	Description
PENDING_EXEC_ CALLBACK_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated

Column Name	Null?	Data Type	Description
ENTITY_LAST_ UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
INSTANCE_ SOURCE_SET_ID	NOT NULL	NUMBER	This column identifies the ID of the entity to which this execution callback belongs. This is a foreign key into KDLV_PACKAGES, KCRT_ REQUESTS, or KNTA_ REPORT_SUBMISSIONS.
INSTANCE_ SOURCE_TYPE_ CODE	NOT NULL	VARCHAR2(30)	This column identifies whether the type of the entity using the workflow. Choices are “CR”, "IR" and "REPORT" as specified by the lookup WF_INSTANCE_SOURCE_ TYPE.
STEP_TXN_ GROUP_IN_LIST	NOT NULL	VARCHAR2(2000)	This comma-separated list identifies the step transactions relevant to this execution callback.
WORKFLOW_ STEP_ID	NOT NULL	NUMBER	This column identifies the step in the workflow to which this execution callback belongs.
RESULT_VALUE	NULLABLE	VARCHAR2(200)	If the execution completed successfully, this holds the hidden result value. Valid values in this field are specified by the validation WF - Standard Execution Results.
VISIBLE_ RESULT_VALUE	NULLABLE	VARCHAR2(200)	If the execution completed successfully, this holds the result value to be displayed to the user. Valid values in this field are specified by the validation WF - Standard Execution Results.

Column Name	Null?	Data Type	Description
ERROR_VALUE	NULLABLE	VARCHAR2(200)	If the execution completed in error, this holds the hidden error value. These values are chosen among the codes of lookup WF_ERROR.
VISIBLE_ ERROR_VALUE	NULLABLE	VARCHAR2(200)	If the execution completed in error, this holds the visible error value. These values are chosen among the meaning values of lookup WF_ ERROR.
ERROR_ MESSAGE	NULLABLE	VARCHAR2(240)	If the execution completed in error, this holds the detailed information about the error.
VISIBLE_USER_ STATUS_VALUE	NULLABLE	VARCHAR2(200)	This is the NVL of VISIBLE_ RESULT_VALUE, VISIBLE_ ERROR_VALUE, and visible status. Additionally, the scheduled date or spawned concurrent request ID, or spawned Package is appended to the VISIBLE_ USER_STATUS_VALUE. This field is directly displayed in the status tabs of the request and Package Detail windows.
EXECUTION_ BATCH_ID	NULLABLE	NUMBER	This identifies the set of command executions relevant to this callback.
CONCURRENT_ REQUEST_ID	NULLABLE	NUMBER	This identifies the concurrent request (if any) that was spawned by the execution.
CHILD_ PACKAGE_ID	NULLABLE	NUMBER	This identifies the Package (if any) that was spawned by the execution.

Column Name	Null?	Data Type	Description
SOURCE_ ENVIRONMENT_ ID	NULLABLE	NUMBER	This identifies the workflow step source environment ID (if any) that was used during an execution.
DEST_ ENVIRONMENT_ ID	NULLABLE	NUMBER	This identifies the workflow step destination environment ID (if any) that was used during an execution.
CALLBACK_ ATTEMPTS	NULLABLE	NUMBER	This specifies the number of times this callback row has been attempted thus far.

Indexes

Index Name	Index Type	Sequence	Column Name
KWFL_PENDING_EXEC_ CALLBACKS_U1	UNIQUE	1	PENDING_EXEC_ CALLBACK_ID

Sequences

Sequence Name	Sequence Type
KWFL_PENDING_EXEC_ CALLBACKS_S	PENDING_EXEC_ CALLBACK_ID

KWFL_PENDING_EXEC_OBJECTS

This table stores information that is used by the Workflow Engine to set up command executions to be distributed by the Execution Dispatcher to various ExecutionManagers. After inserting rows, the Workflow Engine explicitly calls the EventDispatcher with the event group ID of the rows that it had written.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KCRT_REQUESTS	REQUEST_ID	SOURCE_ID
KNTA_REPORT_ SUBMISSIONS	REPORT_ SUBMISSION_ID	SOURCE_ID
KDLV_PACKAGE_ LINES	PACKAGE_LINE_ID	SOURCE_ID
KWFL_STEP_ TRANSACTIONS	STEP_TRANSACTION_ ID	STEP_TRANSACTION_ ID

Column Descriptions

Column Name	Null?	Data Type	Description
PENDING_EXEC_ OBJECT_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
EVENT_GROUP_ ID	NOT NULL	NUMBER	This identifies a set of command execution transactions that were triggered directly or indirectly by the same event.

Column Name	Null?	Data Type	Description
BATCH_ID	NOT NULL	NUMBER	This identifies a set of command executions being performed together. Step transactions directly triggered by the same event will share a batch ID This column is used by the execution manager performs and organizes the execution of these rows as a set (sorting appropriately by Package Line SEQ and so on)
STEP_ TRANSACTION_ ID	NOT NULL	NUMBER	This identifies the step transaction to which this execution belongs.
CLASS_NAME	NOT NULL	VARCHAR2(100)	This identifies the java class that should be run to perform the executions in the batch. The class is a subclass of ExecutionManager
SOURCE_ID	NOT NULL	NUMBER	This identifies the entity using the workflow. This can be a foreign key into the KDLV_ PACKAGE_LINES, KCRT_ REQUESTS, OR KNTA_ REPORT_SUBMISSIONS tables.
SOURCE_TABLE	NOT NULL	VARCHAR2(30)	This is one of KDLV_ PACKAGE_LINES, KCRT_ REQUESTS, OR KNTA_ REPORT_SUBMISSIONS. This column identifies the table on which SOURCE_ID is a foreign key.
START_DATE	NULLABLE	DATE	Not used
COMPLETION_ DATE	NULLABLE	DATE	Not used

Indexes

Index Name	Index Type	Sequence	Column Name
KWFL_PENDING_ EXEC_OBJECTS_N1	NONUNIQUE	1	BATCH_ID
KWFL_PENDING_ EXEC_OBJECTS_N2	NONUNIQUE	1	EVENT_GROUP_ID
KWFL_PENDING_ EXEC_OBJECTS_N3	NONUNIQUE	1	STEP_TRANSACTION_ID
KWFL_PENDING_ EXEC_OBJECTS_U1	UNIQUE	1	PENDING_EXEC_ OBJECT_ID

Sequences

Sequence Name	Sequence Type
KWFL_EVENT_GROUP_ID_S	EVENT_GROUP_ID
KWFL_EXEC_OBJECT_ BATCH_ID_S	BATCH_ID
KWFL_PENDING_EXEC_ OBJECTS_S	PENDING_EXEC_ OBJECT_ID

KWFL_RESOLVED_SEC_TOKENS

This table stores values of resolved security tokens (defined in Workflow Step Security) from Requests and Packages. Resolved security tokens can be either a User ID or a Security Group ID only.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_ENTITIES_NLS	ENTITY_ID	ENTITY_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_SECURITY_ GROUPS_NLS	SECURITY_GROUP_ID	SECURITY_GROUP_ID
KCRT_REQUESTS	REQUEST_ID	SOURCE_ID
KDLV_PACKAGE_ LINES	PACKAGE_LINE_ID	SOURCE_ID
KDLV_PACKAGES	PACKAGE_ID	SOURCE_SET_ID
KCRT_REQUESTS	REQUEST_ID	SOURCE_SET_ID
KNTA_USERS	USER_ID	USER_ID
KWFL_WORKFLOW_ STEP_SECURITY	WORKFLOW_STEP_ SECURITY_ID	WORKFLOW_STEP_ SECURITY_ID

Column Descriptions

Column Name	Null?	Data Type	Description
RESOLVED_ SEC_TOKEN_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
SOURCE_SET_ID	NOT NULL	NUMBER	Package ID or Request ID which uses this resolved token

Column Name	Null?	Data Type	Description
SOURCE_ID	NULLABLE	NUMBER	Package Line ID or Request ID which uses this resolved token (value of -1 signify Package without Package Line)
ENTITY_ID	NOT NULL	NUMBER	Either Request Entity or Package Line Entity
WORKFLOW_ STEP_ SECURITY_ID	NOT NULL	NUMBER	Step Security which resolved value is stored here
SECURITY_ TYPE_CODE	NOT NULL	VARCHAR2(80)	Type of Step Security
USER_ID	NULLABLE	NUMBER	Contains User ID if the token resolved to a User ID
SECURITY_ GROUP_ID	NULLABLE	NUMBER	Contains Security Group ID if the token resolved to a Security Group ID
OBSOLETE_ FLAG	NULLABLE	VARCHAR2(3)	Temporary flag used internal (should be set to N)
TOKEN	NULLABLE	VARCHAR2(80)	Token which resolved value is stored here

Indexes

Index Name	Index Type	Sequence	Column Name
KWFL_RESOLVED_SEC_ TOKENS_N1	NONUNIQUE	1	SOURCE_SET_ID
KWFL_RESOLVED_SEC_ TOKENS_N1	NONUNIQUE	2	ENTITY_ID
KWFL_RESOLVED_SEC_ TOKENS_N2	NONUNIQUE	1	USER_ID
KWFL_RESOLVED_SEC_ TOKENS_N3	NONUNIQUE	1	SECURITY_GROUP_ ID
KWFL_RESOLVED_SEC_ TOKENS_N4	NONUNIQUE	1	WORKFLOW_STEP_ SECURITY_ID
KWFL_RESOLVED_SEC_ TOKENS_N5	NONUNIQUE	1	TOKEN
KWFL_RESOLVED_SEC_ TOKENS_N6	NONUNIQUE	1	SOURCE_SET_ID

Index Name	Index Type	Sequence	Column Name
KWFL_RESOLVED_SEC_TOKENS_N6	NONUNIQUE	2	ENTITY_ID
KWFL_RESOLVED_SEC_TOKENS_N6	NONUNIQUE	3	USER_ID
KWFL_RESOLVED_SEC_TOKENS_U1	UNIQUE	1	RESOLVED_SEC_TOKEN_ID

Sequences

Sequence Name	Sequence Type
KWFL_RESOLVED_SEC_TOKENS_S	RESOLVED_SEC_TOKEN_ID

KWFL_STEP_TRANSACTION_HISTORY

A row is inserted into this table each time the status of an execution or decision step transaction changes to ELIGIBLE, COMPLETED, or ERROR. For condition step transactions, a history row is inserted when the status becomes PENDING or COMPLETED.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KWFL_STEP_ TRANSACTIONS	STEP_TRANSACTION_ID	STEP_TRANSACTION_ID
KWFL_WORKFLOW_ INSTANCES	WORKFLOW_ INSTANCE_ID	WORKFLOW_INSTANCE_ ID
KWFL_WORKFLOW_ INSTANCE_STEPS	WORKFLOW_ INSTANCE_STEP_ID	WORKFLOW_INSTANCE_ STEP_ID

Column Descriptions

Column Name	Null?	Data Type	Description
STEP_ TRANSACTION_ HISTORY_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
STEP_ TRANSACTION_ID	NOT NULL	NUMBER	This identifies the step transaction to which this history row belongs
WORKFLOW_ INSTANCE_STEP_ ID	NOT NULL	NUMBER	This identifies the instance of the step to which this transaction history row belongs

Column Name	Null?	Data Type	Description
WORKFLOW_ INSTANCE_ID	NOT NULL	NUMBER	This identifies the instance of the workflow to which this transaction history row belongs.
STATUS	NOT NULL	VARCHAR2(30)	This gives the hidden status value of the step transaction at the time this history row was created.
USER_COMMENT	NULLABLE	VARCHAR2(240)	This gives the comments within the step transaction at the time this history row was created.
RESULT_VALUE	NULLABLE	VARCHAR2(200)	This gives the hidden result of the step transaction at the time this history row was created.
VISIBLE_RESULT_ VALUE	NULLABLE	VARCHAR2(200)	This gives the displayed result of the step transaction at the time this history row was created.
ERROR_VALUE	NULLABLE	VARCHAR2(200)	This gives the hidden error value of the step transaction at the time this history row was created.
VISIBLE_ERROR_ VALUE	NULLABLE	VARCHAR2(200)	This gives the displayed error value of the step transaction at the time this history row was created.
ERROR_ MESSAGE	NULLABLE	VARCHAR2(240)	This gives the error message for the step transaction at the time this history row was created.

Indexes

Index Name	Index Type	Sequence	Column Name
KWFL_STEP_ TRANSACTION_HISTO_N1	NONUNIQUE	1	WORKFLOW_ INSTANCE_ID
KWFL_STEP_ TRANSACTION_HISTO_N2	NONUNIQUE	1	WORKFLOW_ INSTANCE_STEP_ID
KWFL_STEP_ TRANSACTION_HISTO_N3	NONUNIQUE	1	STEP_ TRANSACTION_ID
KWFL_STEP_ TRANSACTION_HISTO_U1	UNIQUE	1	STEP_ TRANSACTION_ HISTORY_ID

Sequences

Sequence Name	Sequence Type
KWFL_STEP_TXN_ HISTORY_S	STEP_TRANSACTION_ HISTORY_ID

KWFL_STEP_TRANSACTIONS

There is one row in the KWFL_STEP_TRANSACTIONS table for each time that a step in a workflow is visited. This row contains the unique data for the step transaction, and denormalized context data for quicker querying.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KDLV_PACKAGES	PACKAGE_ID	CHILD_PACKAGE_ID
KCRT_REQUESTS	REQUEST_ID	CHILD_REQUEST_ID
KNTA_USERS	USER_ID	CREATED_BY
KENV_ENVIRONMENTS	ENVIRONMENT_ID	DEST_ENVIRONMENT_ ID
KWFL_PENDING_EXEC_ OBJECTS	BATCH_ID	EXECUTION_BATCH_ID
KCRT_REQUESTS	REQUEST_ID	INSTANCE_SOURCE_ID
KDLV_PACKAGE_LINES	PACKAGE_LINE_ID	INSTANCE_SOURCE_ID
KWFL_STEP_ TRANSACTIONS	STEP_TRANSACTION_ID	INSTANCE_SOURCE_ID
KREL_DISTRIBUTIONS	DISTRIBUTION_ID	INSTANCE_SOURCE_ID
KNTA_REPORT_ SUBMISSIONS	REPORT_SUBMISSION_ ID	INSTANCE_SOURCE_ID
KDLV_PACKAGES	PACKAGE_ID	INSTANCE_SOURCE_ SET_ID
KCRT_REQUESTS	REQUEST_ID	INSTANCE_SOURCE_ SET_ID
KNTA_REPORT_ SUBMISSIONS	REPORT_SUBMISSION_ ID	INSTANCE_SOURCE_ SET_ID
KREL_DISTRIBUTIONS	DISTRIBUTION_ID	INSTANCE_SOURCE_ SET_ID
KWFL_STEP_ TRANSACTIONS	STEP_TRANSACTION_ID	INSTANCE_SOURCE_ SET_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_PARAMETER_ SET_CONTEXTS	PARAMETER_SET_ CONTEXT_ID	PARAMETER_SET_ CONTEXT_ID

Primary Key Table	Primary Key Column	Foreign Key Column
KWFL_PENDING_EXEC_OBJECTS	PENDING_EXEC_OBJECT_ID	PENDING_EXEC_OBJECT_ID
KNTA_SCHEDULED_TASKS	SCHEDULED_TASK_ID	SCHEDULED_TASK_ID
KENV_ENVIRONMENTS	ENVIRONMENT_ID	SOURCE_ENVIRONMENT_ID
KCRT_REQUESTS	REQUEST_ID	TOP_INSTANCE_SOURCE_ID
KNTA_REPORT_SUBMISSIONS	REPORT_SUBMISSION_ID	TOP_INSTANCE_SOURCE_ID
KDLV_PACKAGE_LINES	PACKAGE_LINE_ID	TOP_INSTANCE_SOURCE_ID
KREL_DISTRIBUTIONS	DISTRIBUTION_ID	TOP_INSTANCE_SOURCE_ID
KDLV_PACKAGES	PACKAGE_ID	TOP_INSTANCE_SOURCE_SET_ID
KNTA_REPORT_SUBMISSIONS	REPORT_SUBMISSION_ID	TOP_INSTANCE_SOURCE_SET_ID
KCRT_REQUESTS	REQUEST_ID	TOP_INSTANCE_SOURCE_SET_ID
KREL_DISTRIBUTIONS	DISTRIBUTION_ID	TOP_INSTANCE_SOURCE_SET_ID
KWFL_WORKFLOWS_NLS	WORKFLOW_ID	WORKFLOW_ID
KWFL_WORKFLOW_INSTANCES	WORKFLOW_INSTANCE_ID	WORKFLOW_INSTANCE_ID
KWFL_WORKFLOW_INSTANCE_STEPS	WORKFLOW_INSTANCE_STEP_ID	WORKFLOW_INSTANCE_STEP_ID
KWFL_WORKFLOW_STEPS_NLS	WORKFLOW_STEP_ID	WORKFLOW_STEP_ID

Column Descriptions

Column Name	Null?	Data Type	Description
STEP_ TRANSACTION_ ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
WORKFLOW_ INSTANCE_ STEP_ID	NOT NULL	NUMBER	This identifies the instance of the step to which this step transaction belongs. This is a foreign key into KWFL_ WORKFLOW_INSTANCE_ STEPS.
WORKFLOW_ INSTANCE_ID	NOT NULL	NUMBER	This denormalized column identifies the instance of the workflow to which this step transaction belongs.
INSTANCE_ SOURCE_SET_ID	NOT NULL	NUMBER	This denormalized column identifies the ID of the entity to which this step transaction belongs. This is a foreign key into KDLV_PACKAGES, KREL_DISTRIBUTIONS, KCRT_REQUESTS, KNTA_ REPORT_SUBMISSIONS, or KWFL_STEP_ TRANSACTIONS.
INSTANCE_ SOURCE_TYPE_ CODE	NOT NULL	VARCHAR2(30)	This denormalized column identifies whether the type of the entity using the workflow. Choices are "CR", "DIST", "IR", "REPORT", and "WORKFLOW" as specified by the lookup WF_INSTANCE_ SOURCE_TYPE.

Column Name	Null?	Data Type	Description
INSTANCE_ SOURCE_ID	NOT NULL	NUMBER	This denormalized column identifies the ID of the detail entity using the workflow. In the case of “IR”, "DIST", "REPORT" and "WORKFLOW", the value in this column is identical to that in INSTANCE_SOURCE_ SET_ID.
TOP_INSTANCE_ SOURCE_TYPE_ CODE	NOT NULL	VARCHAR2(30)	This denormalized column identifies whether the type of the entity using the Top-Level workflow (Non-Subworkflow). Choices are "CR", "DIST", "IR", and "REPORT".
TOP_INSTANCE_ SOURCE_SET_ID	NOT NULL	NUMBER	This denormalized column identifies the ID of the detail entity using the Top-Level workflow (Non-Subworkflow). This is a foreign key into KDLV_PACKAGES, KREL_ DISTRIBUTIONS, KCRT_ REQUESTS, KNTA_ REPORT_SUBMISSIONS.
TOP_INSTANCE_ SOURCE_ID	NOT NULL	NUMBER	This denormalized column identifies the ID of the detail entity using the Top-Level workflow (Non-Subworkflow). In the case of "IR", "DIST", "REPORT", the value in this column is identical to that in TOP_INSTANCE_SOURCE_ SET_ID.
WORKFLOW_ID	NOT NULL	NUMBER	This denormalized column identifies the workflow that is being run.
WORKFLOW_ STEP_ID	NOT NULL	NUMBER	This denormalized column identifies the step in the workflow to which this transaction belongs.

Column Name	Null?	Data Type	Description
GROUP_ID	NULLABLE	NUMBER	This identifies a set of step transactions that were triggered directly by the same event. These Step Transaction rows necessarily also share the same WORKFLOW_ STEP_ID. This column is used internally by the Workflow Engine to update these transactions en mass.
STATUS	NOT NULL	VARCHAR2(30)	This specifies the current status of the step transaction. Choices are specified by the seeded lookup WF_TXN_ STATUS.
RESET_FLAG	NOT NULL	VARCHAR2(1)	This flag marks whether this step transaction resulted in a reset in the workflow instance.
SUB_ WORKFLOW_ FLAG	NOT NULL	VARCHAR2(1)	This flag marks whether this step transaction record is for a subworkflow step.
USER_ COMMENT	NULLABLE	VARCHAR2(400)	This hold the comments entered by the users updating this step transaction.
TIMEOUT_DATE	NULLABLE	DATE	This specifies the final day by which this step transaction must complete.
CONCURRENT_ REQUEST_ID	NULLABLE	NUMBER	This identifies the concurrent request (if any) that was spawned by this step transaction.
RESULT_VALUE	NULLABLE	VARCHAR2(200)	If this step transaction completed successfully, this holds the hidden result value. Valid values in this field are determined by the validation associated to the given workflow step.

Column Name	Null?	Data Type	Description
VISIBLE_ RESULT_VALUE	NULLABLE	VARCHAR2(200)	If this step transaction completed successfully, this holds the result value to be displayed to the user. Valid values in this field are determined by the validation associated to the given workflow step.
ERROR_VALUE	NULLABLE	VARCHAR2(200)	If this step transaction completed in error, this holds the hidden error value. These values are chosen among the codes of lookup WF_ERROR.
VISIBLE_ ERROR_VALUE	NULLABLE	VARCHAR2(200)	If this step transaction completed in error, this holds error value to be displayed to the user. These values are chosen among the meaning values of lookup WF_ERROR.
ERROR_ MESSAGE	NULLABLE	VARCHAR2(240)	If this step transaction completed in error, this holds the detailed information about the error.
USER_STATUS_ VALUE	NULLABLE	VARCHAR2(200)	This is the NVL of RESULT_ VALUE, ERROR_VALUE, and STATUS.
VISIBLE_USER_ STATUS_VALUE	NULLABLE	VARCHAR2(200)	This is the NVL of VISIBLE_ RESULT_VALUE, VISIBLE_ ERROR_VALUE, and visible status. Additionally, the scheduled date or spawned concurrent request ID, or spawned Package is appended to the VISIBLE_ USER_STATUS_VALUE. This field is directly displayed in the status tabs of the Issue and Package Detail windows.

Column Name	Null?	Data Type	Description
SCHEDULED_ TASK_ID	NULLABLE	NUMBER	This identifies the row in the KNTA_SCHEDULED_TASKS table that was created by this step transaction. A row is created in KNTA_ SCHEDULED_TASKS when the user chooses to schedule an execution for a later date.
PENDING_EXEC_ OBJECT_ID	NULLABLE	NUMBER	This identifies the command execution that was created by this step transaction. This is a foreign key into KWFL_ PENDING_EXEC_OBJECTS.
EXECUTION_ BATCH_ID	NULLABLE	NUMBER	This identifies a set of command executions being performed together. Step transactions directly triggered by the same event will share a batch ID This column is used by the execution manager performs and organizes the execution of the items as a set.
CHILD_ REQUEST_ID	NULLABLE	NUMBER	This identifies the request (if any) that was spawned by this step transaction.
CHILD_ PACKAGE_ID	NULLABLE	NUMBER	This identifies the Package (if any) that was spawned by this step transaction.
SOURCE_ ENVIRONMENT_ ID	NULLABLE	NUMBER	This column specifies the source environment for the step transaction. It is read from the column SOURCE_ ENVIRONMENT_ID in KWFL_ WORKFLOW_STEPS.
DEST_ ENVIRONMENT_ ID	NULLABLE	NUMBER	This column specifies the destination environment for the step transaction. It is read from the column DEST_ ENVIRONMENT_ID in KWFL_ WORKFLOW_STEPS.

Column Name	Null?	Data Type	Description
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, and so on)
SOURCE	NULLABLE	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.
PARAMETER_SET_CONTEXT_ID	NULLABLE	NUMBER	This identifies the context for this entity's parameters.
PARAMETER1-25	NULLABLE	VARCHAR2(200)	Parameter set segment. This is used for command executions with parameters (for example, ai_create_request).
VISIBLE_PARAMETER1-25	NULLABLE	VARCHAR2(200)	Parameter set segment

Indexes

Index Name	Index Type	Sequence	Column Name
KWFL_STEP_TRANSACTIONS_N1	NONUNIQUE	1	GROUP_ID
KWFL_STEP_TRANSACTIONS_N2	NONUNIQUE	1	WORKFLOW_INSTANCE_ID
KWFL_STEP_TRANSACTIONS_N2	NONUNIQUE	2	WORKFLOW_INSTANCE_STEP_ID
KWFL_STEP_TRANSACTIONS_N3	NONUNIQUE	1	TIMEOUT_DATE
KWFL_STEP_TRANSACTIONS_N3	NONUNIQUE	2	STATUS
KWFL_STEP_TRANSACTIONS_N5	NONUNIQUE	1	INSTANCE_SOURCE_SET_ID
KWFL_STEP_TRANSACTIONS_N6	NONUNIQUE	1	STATUS

Index Name	Index Type	Sequence	Column Name
KWFL_STEP_ TRANSACTIONS_N7	NONUNIQUE	1	TOP_INSTANCE_ SOURCE_ID
KWFL_STEP_ TRANSACTIONS_N8	NONUNIQUE	1	TOP_INSTANCE_ SOURCE_SET_ID
KWFL_STEP_ TRANSACTIONS_U1	UNIQUE	1	STEP_ TRANSACTION_ID

Sequences

Sequence Name	Sequence Type
KWFL_STEP_ TRANSACTIONS_S	STEP_ TRANSACTION_ID
KWFL_STEP_ TRANSACTION_GROUPS_S	GROUP_ID

KWFL_STEP_TRANSITIONS

This table stores information that defines transition information. Each row defines a transition from one workflow step to another.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KWFL_WORKFLOW_STEPS_NLS	WORKFLOW_STEP_ID	FROM_WORKFLOW_STEP_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KWFL_WORKFLOW_STEPS_NLS	WORKFLOW_STEP_ID	TO_WORKFLOW_STEP_ID

Column Descriptions

Column Name	Null?	Data Type	Description
STEP_TRANSITION_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
TRANSITION_TYPE_CODE	NOT NULL	VARCHAR2(30)	Defined by the lookup type WF_TRANSITION_TYPE. One of the following values: "SPECIFIC_VALUES", "OTHER_VALUES", "ALL_VALUES", "SPECIFIC_ERROR", "OTHER_ERRORS", "ALL_ERRORS".

Column Name	Null?	Data Type	Description
OPERATOR_ CODE	NULLABLE	VARCHAR2(30)	Defined by the lookup type WF_TRANS_OPERATOR. One of the following "=", "!=". If the validation is a text field with the numeric mask set, or if it is a date field, then the following values are also possible: "<", ">", "<=", ">=".
RESULT_VALUE	NULLABLE	VARCHAR2(200)	A value that is defined by the validation.
VISIBLE_ RESULT_VALUE	NULLABLE	VARCHAR2(200)	A value that is defined by the validation. This is the value that is shown to the user.
FROM_ WORKFLOW_ STEP_ID	NOT NULL	NUMBER	ID of the source workflow step
TO_ WORKFLOW_ STEP_ID	NOT NULL	NUMBER	ID of the target workflow step
DRAW_LABEL_ POS	NULLABLE	VARCHAR2(30)	Relative position of where the label is displayed in the workflow layout. It is a real number between 0.0 and 1.0.
DRAW_JOINT_ COORDS	NULLABLE	VARCHAR2(1000)	A list of coordinates separated by ";". Each coordinate is a pair of integers, separated by a comma. Example: "100,200;300,400" defines two joints at positions (100,200) and (300,400). If NULL, a straight line is drawn from the source to the target step figure.
SOURCE_TYPE_ CODE	NULLABLE	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, and so on)

Column Name	Null?	Data Type	Description
SOURCE	NULLABLE	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update
REQUIRE_ NOTE_FLAG	NULLABLE	VARCHAR2(1)	Indicates whether the transition requires that the user enter a note
DEFINITION_ LANGUAGE	NOT NULL	VARCHAR2(40)	Definition language
REFERENCE_ CODE	NOT NULL	VARCHAR2(200)	Reference code

Indexes

Index Name	Index Type	Sequence	Column Name
KWFL_STEP_ TRANSITIONS_N1	NONUNIQUE	1	FROM_WORKFLOW_ STEP_ID
KWFL_STEP_ TRANSITIONS_N2	NONUNIQUE	1	TO_WORKFLOW_ STEP_ID
KWFL_STEP_ TRANSITIONS_U1	UNIQUE	1	STEP_TRANSITION_ID
SYS_C005199870	UNIQUE	1	REFERENCE_CODE

Sequences

This table uses no sequences.

KWFL_STEP_TRANSITIONS_INT

This table stores data used for migrating the workflow definition between instances.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KWFL_TRANSACTIONS_INT	TRANSACTION_ID	PARENT_TRANSACTION_ID
KWFL_WORKFLOW_STEPS_NLS	WORKFLOW_STEP_ID	DEST_TO_WORKFLOW_STEP_ID
KWFL_WORKFLOW_STEPS_NLS	WORKFLOW_STEP_ID	DEST_FROM_WORKFLOW_STEP_ID

Column Descriptions

Column Name	Null?	Data Type	Description
TRANSACTION_ID	NOT NULL	NUMBER	System-generated identifier
PARENT_TRANSACTION_ID	NOT NULL	NUMBER	Transaction ID of the parent table being imported
GROUP_ID	NOT NULL	NUMBER	This value is used to tie records in the interface tables together. Most of database processing is done based on this value
EXISTS_FLAG	NULLABLE	VARCHAR2(1)	If set to 'Y' then the record already exists in the database.
PROCESS_PHASE	NULLABLE	NUMBER	Indicates which phase a record is at: Pending, Deriving, Validating, Importing or Completed
PROCESS_STATUS	NULLABLE	NUMBER	Indicates the current status of the interface record: Pending, In Process, Errored or Completed
CREATED_BY_USERNAME	NULLABLE	VARCHAR2(200)	Username that creates the record

Column Name	Null?	Data Type	Description
CREATION_ DATE	NULLABLE	DATE	Date record was created
DEST_ CREATED_BY	NULLABLE	NUMBER	Identifier for the user who created the record
DEST_ CREATION_ DATE	NULLABLE	DATE	Date record was created
DEST_LAST_ UPDATED_BY	NULLABLE	NUMBER	Identifier for the user who last updated the record
DEST_LAST_ UPDATE_DATE	NULLABLE	DATE	Date record was last updated
STEP_ TRANSITION_ID	NULLABLE	NUMBER	Source System-generated identifier
DEST_STEP_ TRANSITION_ID	NULLABLE	NUMBER	Destination System-generated identifier
TRANSITION_ TYPE_CODE	NULLABLE	VARCHAR2(30)	Defined by the lookup type WF_TRANSITION_TYPE. One of the following values: "SPECIFIC_VALUES", "OTHER_VALUES", "ALL_ VALUES", "SPECIFIC_ ERROR", "OTHER_ ERRORS", "ALL_ERRORS".
OPERATOR_ CODE	NULLABLE	VARCHAR2(30)	Defined by the lookup type WF_TRANS_OPERATOR. One of the following "=", "!=". If the validation is a text field with the numeric mask set, or if it is a date field, then the following values are also possible: "<", ">", "<=", ">=".
RESULT_VALUE	NULLABLE	VARCHAR2(200)	A value that is defined by the validation.
VISIBLE_ RESULT_VALUE	NULLABLE	VARCHAR2(200)	A value that is defined by the validation. This is the value that is shown to the user.
FROM_ WORKFLOW_ STEP_ID	NULLABLE	NUMBER	ID of the source workflow step

Column Name	Null?	Data Type	Description
FROM_ WORKFLOW_ STEP_NAME	NULLABLE	VARCHAR2(80)	Name of the source workflow step
DEST_FROM_ WORKFLOW_ STEP_ID	NULLABLE	NUMBER	ID of the source workflow step in destination
TO_ WORKFLOW_ STEP_ID	NULLABLE	NUMBER	ID of the target workflow step
TO_ WORKFLOW_ STEP_NAME	NULLABLE	VARCHAR2(80)	Name of the target workflow step
DEST_TO_ WORKFLOW_ STEP_ID	NULLABLE	NUMBER	ID of the target workflow step in destination
DRAW_LABEL_ POS	NULLABLE	VARCHAR2(30)	Relative position of where the label is displayed in the workflow layout. It is a real number between 0.0 and 1.0.
DRAW_JOINT_ COORDS	NULLABLE	VARCHAR2(1000)	A list of coordinates separated by ";". Each coordinate is a pair of integers, separated by a comma. Example: "100,200;300,400" defines two joints at positions (100,200) and (300,400). If NULL, a straight line is drawn from the source to the target step figure.
SOURCE_TYPE_ CODE	NULLABLE	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, and so on)
SOURCE	NULLABLE	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update

Indexes

Index Name	Index Type	Sequence	Column Name
KWFL_STEP_ TRANSITIONS_INT_N1	NONUNIQUE	1	TRANSACTION_ID
KWFL_STEP_ TRANSITIONS_INT_N2	NONUNIQUE	1	GROUP_ID
KWFL_STEP_ TRANSITIONS_INT_N2	NONUNIQUE	2	PROCESS_STATUS

Sequences

This table uses no sequences.

KWFL_TRANSACTIONS_INT

This table is used when you are migrating a Workflow from one instance to another.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KWFL_STEP_ TRANSACTIONS	STEP_TRANSACTION_ ID	CURRENT_STEP_ TRANSACTION_ID
KNTA_USERS	USER_ID	DELEGATED_TO_ USER_ID
KCRT_REQUESTS	REQUEST_ID	INSTANCE_SOURCE_ID
KDLV_PACKAGE_LINES	PACKAGE_LINE_ID	INSTANCE_SOURCE_ID
KCRT_REQUESTS	REQUEST_ID	INSTANCE_SOURCE_ SET_ID
KDLV_PACKAGES	PACKAGE_ID	INSTANCE_SOURCE_ SET_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KWFL_WORKFLOWS_ NLS	WORKFLOW_STEP_ID	TO_WORKFLOW_ STEP_ID
KWFL_WORKFLOWS_ NLS	WORKFLOW_ID	WORKFLOW_ID
KWFL_WORKFLOW_ INSTANCES	WORKFLOW_ INSTANCE_ID	WORKFLOW_ INSTANCE_ID
KWFL_WORKFLOW_ INSTANCE_STEPS	WORKFLOW_ INSTANCE_STEP_ID	WORKFLOW_ INSTANCE_STEP_ID
KWFL_WORKFLOW_ STEPS_NLS	WORKFLOW_STEP_ID	WORKFLOW_STEP_ID

Column Descriptions

Column Name	Null?	Data Type	Description
TRANSACTION_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NULLABLE	DATE	Date record was created
CREATED_ USERNAME	NOT NULL	VARCHAR2(200)	User that created the record

Column Name	Null?	Data Type	Description
CREATED_BY	NULLABLE	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NULLABLE	DATE	Date record was last updated
LAST_UPDATED_USERNAME	NOT NULL	VARCHAR2(200)	User that last updated the record
LAST_UPDATED_BY	NULLABLE	NUMBER	Identifier for the user who last updated the record
EVENT	NOT NULL	VARCHAR2(40)	Identifies the transaction that the record is indented to perform
GROUP_ID	NULLABLE	NUMBER	Typical use is that a group_id is returned to the caller of run_interface procedure. This can be used to re-submit the records.
WORKFLOW_ENGINE_BATCH_ID	NULLABLE	NUMBER	Internal use only
PROCESS_PHASE	NOT NULL	NUMBER	Internal use only
PROCESS_STATUS	NOT NULL	NUMBER	Describes the current status of the record (for example, In Progress, Error, and so on)
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(30)	Internal use only
SOURCE	NULLABLE	VARCHAR2(100)	A alpha-numeric string can be provided to indicate a group of records that need to be processed.
INSTANCE_SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(30)	Describes the product that the interface is invoked on. Typically internal use only.
INSTANCE_SOURCE_SET_NUMBER	NULLABLE	VARCHAR2(40)	Describes the source set number (for example, request number, package number, and so on)

Column Name	Null?	Data Type	Description
INSTANCE_ SOURCE_SET_ID	NULLABLE	NUMBER	Identifier for the source set (for example, request ID, package ID, and so on)
INSTANCE_ SOURCE_LINE_ SEQ	NULLABLE	NUMBER	Line sequence number for the package lines
INSTANCE_ SOURCE_ID	NULLABLE	NUMBER	Identifier for the source line (for example, package line ID, and so on)
WORKFLOW_ STEP_NAME	NULLABLE	VARCHAR2(80)	Step name of the workflow that needs to be processed.
WORKFLOW_ STEP_SEQ	NULLABLE	VARCHAR2(30)	Step sequence of the workflow that needs to be processed
RESULT_VALUE	NULLABLE	VARCHAR2(200)	Hidden result value of the workflow transaction that user is initiating.
VISIBLE_RESULT_ VALUE	NULLABLE	VARCHAR2(200)	Visible result value of the workflow transaction that user is initiating.
USER_ COMMENTS	NULLABLE	VARCHAR2(200)	Comments that the user wants to attach to the notes field while processing the transaction.
DELEGATED_TO_ USERNAME	NULLABLE	VARCHAR2(200)	Describes the user name who this step needs to be delegated (In case the transaction is a delegation)
DELEGATED_TO_ USER_ID	NULLABLE	NUMBER	Describes the user ID who this step needs to be delegated (In case the transaction is a delegation)
SCHEDULE_DATE	NULLABLE	DATE	While scheduling a task, this field will specify the date/time the task should start.
WORKFLOW_ID	NULLABLE	NUMBER	Internal use only
WORKFLOW_ INSTANCE_ID	NULLABLE	NUMBER	Internal use only

Column Name	Null?	Data Type	Description
WORKFLOW_STEP_ID	NULLABLE	NUMBER	Identifier of the workflow step that needs to be processed.
WORKFLOW_INSTANCE_STEP_ID	NULLABLE	NUMBER	Internal use only
CURRENT_STEP_TRANSACTION_ID	NULLABLE	NUMBER	Internal use only
APPROVALS_REQUIRED_CODE	NULLABLE	VARCHAR2(30)	Internal use only
EVENT_GROUP_ID	NULLABLE	NUMBER	Internal use only
CMD_EXECUTION_SCHD_TASK_ID	NULLABLE	NUMBER	Internal use only
TO_WORKFLOW_STEP_SEQ	NULLABLE	VARCHAR2(30)	In case of force transition event, this describes the workflow step sequence to transition to.
TO_WORKFLOW_STEP_NAME	NULLABLE	VARCHAR2(80)	In case of force transition event, this describes the workflow step name to transition to.
TO_WORKFLOW_STEP_ID	NULLABLE	NUMBER	In case of force transition event, this describes the workflow ID sequence to transition to.
DATA_LANG	NULLABLE	VARCHAR2(40)	Internal use only

Indexes

Index Name	Index Type	Sequence	Column Name
KWFL_TRANSACTIONS_INT_N1	NONUNIQUE	1	CMD_EXECUTION_SCHD_TASK_ID
KWFL_TRANSACTIONS_INT_N1	NONUNIQUE	2	PROCESS_STATUS
KWFL_TRANSACTIONS_INT_N2	NONUNIQUE	1	GROUP_ID

Index Name	Index Type	Sequence	Column Name
KWFL_TRANSACTIONS_INT_N2	NONUNIQUE	2	PROCESS_PHASE
KWFL_TRANSACTIONS_INT_N2	NONUNIQUE	3	PROCESS_STATUS
KWFL_TRANSACTIONS_INT_N2	NONUNIQUE	4	EVENT
KWFL_TRANSACTIONS_INT_N3	NONUNIQUE	1	WORKFLOW_ENGINE_BATCH_ID
KWFL_TRANSACTIONS_INT_U1	UNIQUE	1	TRANSACTION_ID

Sequences

This table uses no sequences.

KWFL_TRANSITION_TRANSACTIONS

A row is inserted into this table each time a step transaction completes and should proceed to the next step(s) of the workflow.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	CREATED_BY
KWFL_STEP_ TRANSACTIONS	STEP_TRANSACTION_ID	FROM_STEP_ TRANSACTION_ID
KWFL_STEP_ TRANSACTIONS	STEP_TRANSACTION_ID	RESET_STEP_ TRANSACTION_ID
KWFL_STEP_ TRANSACTIONS	STEP_TRANSACTION_ID	TO_STEP_ TRANSACTION_ID
KWFL_WORKFLOW_ INSTANCE_STEPS	WORKFLOW_ INSTANCE_STEP_ID	TO_WORKFLOW_ INSTANCE_STEP_ID
KWFL_WORKFLOW_ STEPS_NLS	WORKFLOW_STEP_ID	TO_WORKFLOW_ STEP_ID
KWFL_WORKFLOW_ INSTANCES	WORKFLOW_ INSTANCE_ID	WORKFLOW_ INSTANCE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
TRANSITION_ TRANSACTION_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated

Column Name	Null?	Data Type	Description
WORKFLOW_ INSTANCE_ID	NULLABLE	NUMBER	This denormalized column identifies the workflow instance to which this transition transaction belongs.
COMPLETION_ GROUP_ID	NULLABLE	NUMBER	This identifies the set of transitions that were generated from step transactions with the same GROUP_ID.
FROM_STEP_ TRANSACTION_ID	NULLABLE	NUMBER	This identifies the step transaction which resulted in this transition transaction.
TO_WORKFLOW_ STEP_ID	NULLABLE	NUMBER	This denormalized column identifies the step in the workflow to which the transition is moving.
TO_WORKFLOW_ INSTANCE_STEP_ID	NULLABLE	NUMBER	This denormalized column identifies the step in the instance of the workflow to which the transition is moving.
TO_STEP_ TRANSACTION_ID	NULLABLE	NUMBER	This identifies the step transaction which was created by this transition transaction.
RESET_STEP_ TRANSACTION_ID	NULLABLE	NUMBER	This identifies the step transaction which begins the workflow path on which the reset logic should traverse. This step transactions and others leading from it should be reset.

Indexes

Index Name	Index Type	Sequence	Column Name
KWFL_TRANSITION_ TRANSACTION_N1	NONUNIQUE	1	COMPLETION_ GROUP_ID
KWFL_TRANSITION_ TRANSACTION_N1	NONUNIQUE	2	TO_WORKFLOW_ STEP_ID
KWFL_TRANSITION_ TRANSACTION_N2	NONUNIQUE	1	FROM_STEP_ TRANSACTION_ID
KWFL_TRANSITION_ TRANSACTION_N3	NONUNIQUE	1	TO_STEP_ TRANSACTION_ID
KWFL_TRANSITION_ TRANSACTION_U1	UNIQUE	1	TRANSITION_ TRANSACTION_ID

Sequences

Sequence Name	Sequence Type
KWFL_COMPLETION_ GROUP_ID_S	COMPLETION_GROUP_ ID
KWFL_TRANSITION_ TRANSACTIONS_S	TRANSITION_ TRANSACTION_ID

KWFL_VERIFICATION_TEMP

This table stores the list of errors and warnings generated during the Verify Workflow process.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KWFL_STEP_TRANSITIONS_NLS	STEP_TRANSITION_ID	STEP_TRANSITION_ID
KWFL_WORKFLOW_STEPS_NLS	WORKFLOW_STEP_ID	WORKFLOW_STEP_ID

Column Descriptions

Column Name	Null?	Data Type	Description
WORKFLOW_ID	NOT NULL	NUMBER	Unique identifier for the workflow being verified
ERROR_TYPE_CODE	NOT NULL	VARCHAR2(30)	One of "Error" or "Warning"
ERROR_CATEGORY_CODE	NOT NULL	VARCHAR2(30)	One of "WORKFLOW", "STEP", or "TRANSITION"
WORKFLOW_STEP_ID	NULLABLE	NUMBER	Relevant only when ERROR_CATEGORY_CODE == "STEP"
STEP_TRANSITION_ID	NULLABLE	NUMBER	Relevant only when ERROR_CATEGORY_CODE == "TRANSITION"
ERROR	NULLABLE	VARCHAR2(200)	Error message

Indexes

Index Name	Index Type	Sequence	Column Name
KWFL_VERIFICATION_TEMP_N1	NONUNIQUE	1	WORKFLOW_ID

Sequences

This table uses no sequences.

KWFL_WORKFLOW_COMMANDS

This table stores the various commands eligible for each workflow step. These commands eventually result in the execution of various product-specific pieces of code. For example, the workflow command execute_object_commands is used to fire Object Type commands as Packages migrate through a workflow.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	CREATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
WORKFLOW_ COMMAND_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
WORKFLOW_ COMMAND_ CODE	NOT NULL	VARCHAR2(30)	Command code to be fired by the workflow engine.
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether the particular command may be used on a workflow.

Indexes

Index Name	Index Type	Sequence	Column Name
KWFL_WORKFLOW_COMMANDS_N1	NONUNIQUE	1	WORKFLOW_COMMAND_CODE
KWFL_WORKFLOW_COMMANDS_U1	UNIQUE	1	WORKFLOW_COMMAND_ID

Sequences

This table uses no sequences.

KWFL_WORKFLOW_INSTANCE_PARMS

This table stores the actual values for each parameter defined for a given workflow instance. The parameter names are defined at the workflow level, but each workflow instance can have its own set of values for these parameters.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KWFL_WORKFLOW_ INSTANCES	WORKFLOW_ INSTANCE_ID	WORKFLOW_ INSTANCE_ID
KWFL_WORKFLOW_ PARAMETERS_NLS	WORKFLOW_ PARAMETER_ID	WORKFLOW_ PARAMETER_ID

Column Descriptions

Column Name	Null?	Data Type	Description
INSTANCE_ PARAMETER_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
WORKFLOW_ INSTANCE_ID	NOT NULL	NUMBER	References the originating workflow instance for this instance step
WORKFLOW_ PARAMETER_ID	NULLABLE	NUMBER	References the parameter in the workflow definition for this instance

Column Name	Null?	Data Type	Description
PARAMETER_ VALUE	NULLABLE	VARCHAR2(200)	Contains the actual value defined for the workflow instance parameter (this is the code, or ID, portion of the value)
VISIBLE_ PARAMETER_ VALUE	NULLABLE	VARCHAR2(200)	Contains the visible value defined for the workflow instance parameter

Indexes

Index Name	Index Type	Sequence	Column Name
KWFL_WORKFLOW_ INSTANCE_PARM_N1	NONUNIQUE	1	WORKFLOW_ INSTANCE_ID
KWFL_WORKFLOW_ INSTANCE_PARM_U1	UNIQUE	1	INSTANCE_ PARAMETER_ID

Sequences

Sequence Name	Sequence Type
KWFL_WORKFLOW_INSTANCE_ PARMS_S	INSTANCE_ PARAMETER_ID

KWFL_WORKFLOW_INSTANCE_STEPS

This table stores one row per workflow step defined in the original workflow for this instance. Each row provides a reference to the KWFL_STEP_TRANSACTIONS table, which contains the current status (Eligible, Approved, and so on) of each step in the instance.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KWFL_STEP_TRANSACTIONS	STEP_TRANSACTION_ID	CURRENT_STEP_TRANSACTION_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KWFL_WORKFLOWS_NLS	WORKFLOW_ID	WORKFLOW_ID
KWFL_WORKFLOW_INSTANCES	WORKFLOW_INSTANCE_ID	WORKFLOW_INSTANCE_ID
KWFL_WORKFLOW_STEPS_NLS	WORKFLOW_STEP_ID	WORKFLOW_STEP_ID

Column Descriptions

Column Name	Null?	Data Type	Description
WORKFLOW_INSTANCE_STEP_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
WORKFLOW_INSTANCE_ID	NOT NULL	NUMBER	References the originating workflow instance for this instance step
WORKFLOW_ID	NOT NULL	NUMBER	References the original workflow for this instance

Column Name	Null?	Data Type	Description
WORKFLOW_STEP_ID	NOT NULL	NUMBER	References the original workflow step for this instance
CURRENT_STEP_ TRANSACTION_ID	NULLABLE	NUMBER	This identifier points to the KWFL_STEP_ TRANSACTIONS table, and indicates the most recent transaction that has occurred for a given instance step.
ACTIVE_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether the step is active or not. A step is active if it is pending some sort of action (for example, if the step is eligible, or has not completed its outbound transition)
WORKFLOW_STEP_ ID_PATH	NULLABLE	VARCHAR2(200)	A KNTA_MULTI.Multi_ Delimiter separated list of Workflow identifiers in the order of workflow hierarchy. This value is unique and used for identifying workflow steps.

Indexes

Index Name	Index Type	Sequence	Column Name
KWFL_WORKFLOW_ INSTANCE_STEP_N1	NONUNIQUE	1	WORKFLOW_ INSTANCE_ID
KWFL_WORKFLOW_ INSTANCE_STEP_N2	NONUNIQUE	1	WORKFLOW_STEP_ ID
KWFL_WORKFLOW_ INSTANCE_STEP_N3	NONUNIQUE	1	WORKFLOW_STEP_ ID_PATH

Index Name	Index Type	Sequence	Column Name
KWFL_WORKFLOW_ INSTANCE_STEP_U1	UNIQUE	1	WORKFLOW_ INSTANCE_STEP_ID
KWFL_WORKFLOW_ INSTANCE_STEP_N4	NONUNIQUE	1	WORKFLOW_STEP_ ID
KWFL_WORKFLOW_ INSTANCE_STEP_N4	NONUNIQUE	2	WORKFLOW_ INSTANCE_ID

Sequences

Sequence Name	Sequence Type
KWFL_WORKFLOW_ INSTANCE_STEPS_S	WORKFLOW_ INSTANCE_STEP_ID

KWFL_WORKFLOW_INSTANCES

This table stores header information for a workflow instance. A workflow instance essentially defines a copy of a workflow that transactions are executed against. Each request has its own workflow instance, for example, as does each package line.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_REPORT_ SUBMISSIONS	REPORT_SUBMISSION_ ID	INSTANCE_SOURCE_ID
KCRT_REQUESTS	REQUEST_ID	INSTANCE_SOURCE_ID
KREL_DISTRIBUTIONS	DISTRIBUTION_ID	INSTANCE_SOURCE_ID
KWFL_STEP_ TRANSACTIONS	STEP_TRANSACTION_ ID	INSTANCE_SOURCE_ID
KREL_DISTRIBUTIONS	DISTRIBUTION_ID	TOP_INSTANCE_ SOURCE_SET_ID
KDLV_PACKAGE_LINES	PACKAGE_LINE_ID	TOP_INSTANCE_ SOURCE_ID
KNTA_REPORT_ SUBMISSIONS	REPORT_SUBMISSION_ ID	TOP_INSTANCE_ SOURCE_ID
KDLV_PACKAGES	PACKAGE_ID	TOP_INSTANCE_ SOURCE_SET_ID
KWFL_STEP_ TRANSACTIONS	STEP_TRANSACTION_ ID	INSTANCE_SOURCE_ SET_ID
KREL_DISTRIBUTIONS	DISTRIBUTION_ID	TOP_INSTANCE_ SOURCE_ID
KCRT_REQUESTS	REQUEST_ID	TOP_INSTANCE_ SOURCE_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KDLV_PACKAGE_LINES	PACKAGE_LINE_ID	INSTANCE_SOURCE_ID
KNTA_REPORT_ SUBMISSIONS	REPORT_SUBMISSION_ ID	TOP_INSTANCE_ SOURCE_SET_ID
KCRT_REQUESTS	REQUEST_ID	TOP_INSTANCE_ SOURCE_SET_ID

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_REPORT_ SUBMISSIONS	REPORT_SUBMISSION_ ID	INSTANCE_SOURCE_ SET_ID
KCRT_REQUESTS	REQUEST_ID	INSTANCE_SOURCE_ SET_ID
KREL_DISTRIBUTIONS	DISTRIBUTION_ID	INSTANCE_SOURCE_ SET_ID
KDLV_PACKAGES	PACKAGE_ID	INSTANCE_SOURCE_ SET_ID
KWFL_WORKFLOWS_ NLS	WORKFLOW_ID	WORKFLOW_ID

Column Descriptions

Column Name	Null?	Data Type	Description
WORKFLOW_ INSTANCE_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
WORKFLOW_ID	NOT NULL	NUMBER	ID of the workflow that serves as the reference for this instance
INSTANCE_ SOURCE_SET_ID	NOT NULL	NUMBER	This denormalized column identifies the ID of the entity to which this step transaction belongs. This is a foreign key into KDLV_PACKAGES, KREL_DISTRIBUTIONS, KCRT_REQUESTS, KNTA_ REPORT_SUBMISSIONS, or KWFL_STEP_ TRANSACTIONS.

Column Name	Null?	Data Type	Description
INSTANCE_ SOURCE_TYPE_ CODE	NOT NULL	VARCHAR2(30)	This denormalized column identifies whether the type of the entity using the workflow. Choices are “CR”, "DIST", "IR", "REPORT", and "WORKFLOW" as specified by the lookup WF_ INSTANCE_SOURCE_TYPE.
INSTANCE_ SOURCE_ID	NOT NULL	NUMBER	This denormalized column identifies the ID of the detail entity using the workflow. In the case of "IR", "DIST", "PI", "REPORT" and "WORKFLOW", the value in this column is identical to that in INSTANCE_SOURCE_ SET_ID.
TOP_INSTANCE_ SOURCE_TYPE_ CODE	NOT NULL	VARCHAR2(30)	This denormalized column identifies whether the type of the entity using the Top-Level workflow (Non-Subworkflow). Choices are "CR", "DIST", "IR", and "REPORT".
TOP_INSTANCE_ SOURCE_SET_ID	NOT NULL	NUMBER	This denormalized column identifies the ID of the detail entity using the Top-Level workflow (Non-Subworkflow). This is a foreign key into KDLV_PACAKGES, KREL_ DISTRIBUTIONS, KCRT_ REQUESTS, KNTA_ REPORT_SUBMISSIONS.
TOP_INSTANCE_ SOURCE_ID	NOT NULL	NUMBER	This denormalized column identifies the ID of the detail entity using the Top-Level workflow (Non-Subworkflow). In the case of "IR", "DIST", "PI" and "REPORT", the value in this column is identical to that in TOP_INSTANCE_ SOURCE_SET_ID.

Column Name	Null?	Data Type	Description
INSTANCE_ NAME	NULLABLE	VARCHAR2(30)	Not currently used
STATUS	NULLABLE	VARCHAR2(30)	Current status of the entity within the workflow instance
COMPLETION_ DATE	NULLABLE	DATE	Timestamp on which a close step was reached in the workflow instance
CURRENT_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether the workflow instance matches the current workflow definition

Indexes

Index Name	Index Type	Sequence	Column Name
KWFL_WORKFLOW_ INSTANCES_N1	NONUNIQUE	1	INSTANCE_ SOURCE_SET_ID
KWFL_WORKFLOW_ INSTANCES_N1	NONUNIQUE	2	INSTANCE_ SOURCE_TYPE_ CODE
KWFL_WORKFLOW_ INSTANCES_N1	NONUNIQUE	3	INSTANCE_ SOURCE_ID
KWFL_WORKFLOW_ INSTANCES_N2	NONUNIQUE	1	WORKFLOW_ID
KWFL_WORKFLOW_ INSTANCES_N3	NONUNIQUE	1	INSTANCE_ SOURCE_ID
KWFL_WORKFLOW_ INSTANCES_N3	NONUNIQUE	2	INSTANCE_ SOURCE_TYPE_ CODE
KWFL_WORKFLOW_ INSTANCES_N4	NONUNIQUE	1	COMPLETION_ DATE
KWFL_WORKFLOW_ INSTANCES_N5	NONUNIQUE	1	TOP_INSTANCE_ SOURCE_SET_ID
KWFL_WORKFLOW_ INSTANCES_N5	NONUNIQUE	2	TOP_INSTANCE_ SOURCE_TYPE_ CODE
KWFL_WORKFLOW_ INSTANCES_N5	NONUNIQUE	3	TOP_INSTANCE_ SOURCE_ID

Index Name	Index Type	Sequence	Column Name
KWFL_WORKFLOW_ INSTANCES_N6	NONUNIQUE	1	TOP_INSTANCE_ SOURCE_TYPE_ CODE
KWFL_WORKFLOW_ INSTANCES_N6	NONUNIQUE	2	TOP_INSTANCE_ SOURCE_ID
KWFL_WORKFLOW_ INSTANCES_U1	UNIQUE	1	WORKFLOW_ INSTANCE_ID

Sequences

Sequence Name	Sequence Type
KWFL_WORKFLOW_ INSTANCES_S	WORKFLOW_ INSTANCE_ID

KWFL_WORKFLOW_PARAMETERS

This table stores the definitions for workflow parameters. A workflow may contain 0 or more workflow parameters. Instances of the parameters are stored in the KWFL_WORKFLOW_INSTANCE_PARMS table.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KWFL_VERIFICATION_TEMP	WORKFLOW_ID	WORKFLOW_ID
KNTA_VALIDATIONS_NLS	VALIDATION_ID	VALIDATION_ID
KNTA_VALIDATION_ PROFILES_NLS	VALIDATION_ID	VALIDATION_ID
KWFL_WORKFLOWS_NLS	WORKFLOW_ID	WORKFLOW_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
WORKFLOW_ PARAMETER_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
WORKFLOW_ID	NOT NULL	NUMBER	ID of the containing workflow
PROMPT_NAME	NOT NULL	VARCHAR2(30)	Descriptive name as shown in the GUI
TOKEN_NAME	NOT NULL	VARCHAR2(30)	Name of the token in all-upper-case and not including the brackets.
DESCRIPTION	NULLABLE	VARCHAR2(240)	Description of the parameter

Column Name	Null?	Data Type	Description
VALIDATION_ID	NOT NULL	NUMBER	Currently not used
DEFAULT_VALUE	NULLABLE	VARCHAR2(200)	Default value
VISIBLE_ DEFAULT_VALUE	NULLABLE	VARCHAR2(200)	Same as DEFAULT_ VALUE
SOURCE_TYPE_ CODE	NULLABLE	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, and so on)
SOURCE	NULLABLE	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update
DEFINITION_ LANGUAGE	NOT NULL	VARCHAR2(40)	Definition Language
REFERENCE_ CODE	NOT NULL	VARCHAR2(200)	Reference Code

Indexes

Index Name	Index Type	Sequence	Column Name
KWFL_WORKFLOW_ PARAMETERS_N1	NONUNIQUE	1	WORKFLOW_ID
KWFL_WORKFLOW_ PARAMETERS_U1	UNIQUE	1	WORKFLOW_ PARAMETER_ID
SYS_C005199954	UNIQUE	1	REFERENCE_ CODE

Sequences

This table uses no sequences.

KWFL_WORKFLOW_STEP_SECURITY

This is a cross table between the KWFL_WORKFLOW_STEPS and KNTA_SECURITY_GROUPS or KNTA_USERS tables. Different types of security can be linked to a workflow step. For example: An individual user can be linked as security or an security group can be linked as security. A standard seeded ppm token or a user defined token can also be linked as security.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_SECURITY_GROUPS_NLS	SECURITY_GROUP_ID	SECURITY_GROUP_ID
KNTA_USERS	USER_ID	USER_ID
KWFL_WORKFLOW_STEPS_NLS	WORKFLOW_STEP_ID	WORKFLOW_STEP_ID

Column Descriptions

Column Name	Null?	Data Type	Description
WORKFLOW_STEP_SECURITY_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
WORKFLOW_STEP_ID	NOT NULL	NUMBER	Workflow step ID
SECURITY_TYPE_CODE	NOT NULL	VARCHAR2(30)	Code of the type of security linked to this step
SECURITY_GROUP_ID	NULLABLE	NUMBER	Security group ID of the security group linked as security to this step

Column Name	Null?	Data Type	Description
USER_ID	NULLABLE	NUMBER	User ID of the user linked as security to this step
TOKEN	NULLABLE	VARCHAR2(80)	Token linked as security to this step, this token resolves to one of these four values: 'Username', 'User Id','Security Group Name','Security Group Id'
TOKEN_TYPE_ CODE	NULLABLE	VARCHAR2(30)	Either 'STANDARD' if token linked is a standard kintana token or 'USER_ DEFINED' if the token linked is user defined
SOURCE_TYPE_ CODE	NULLABLE	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, and so on)
SOURCE	NULLABLE	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update
SOURCE_ WORKFLOW_ STEP_ID	NULLABLE	NUMBER	the workflow step source this record is associated with
EXCLUDE_FLAG	NOT NULL	VARCHAR2(1)	used to persist a setting that has been disabled

Indexes

Index Name	Index Type	Sequence	Column Name
KWFL_WORKFLOW_ STEP_SECURITY_N1	NONUNIQUE	1	SECURITY_ GROUP_ID
KWFL_WORKFLOW_ STEP_SECURITY_N1	NONUNIQUE	2	WORKFLOW_ STEP_ID
KWFL_WORKFLOW_ STEP_SECURITY_N2	NONUNIQUE	1	WORKFLOW_ STEP_ID

Index Name	Index Type	Sequence	Column Name
KWFL_WORKFLOW_ STEP_SECURITY_N2	NONUNIQUE	2	SECURITY_ GROUP_ID
KWFL_WORKFLOW_ STEP_SECURITY_N3	NONUNIQUE	1	USER_ID
KWFL_WORKFLOW_ STEP_SECURITY_U1	UNIQUE	1	WORKFLOW_ STEP_ SECURITY_ID

Sequences

Sequence Name	Sequence Type
KWFL_WORKFLOW_STEP_ SECURITY_S	WORKFLOW_STEP_ SECURITY_ID

KWFL_WORKFLOW_STEPS

Each row contains the definition of a workflow step, which is represented by a workflow step figure in the workflow builder screen. A workflow step is based on a decision, condition, or execution. The source and destination environments may be defined for a step, which are in general used to define where from and to objects are migrated. When the workflow step becomes enabled, it may change the assigned user or group of an Request (for HP Demand Management) or for a Package (for HP Deployment Management).

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KENV_ENVIRONMENTS	ENVIRONMENT_ID	DEST_ENVIRONMENT_ID
KENV_ENV_GROUPS	ENV_GROUP_ID	DEST_ENV_GROUP_ID
KWFL_WORKFLOWS_NLS	WORKFLOW_ID	DEFAULT_CHILD_PKG_WF_ID
KWFL_WORKFLOWS_NLS	WORKFLOW_ID	STEP_SOURCE_ID
KENV_ENV_GROUPS	ENV_GROUP_ID	SOURCE_ENV_GROUP_ID
KNTA_REF_RELATIONSHIPS_NLS	REF_RELATIONSHIP_ID	REF_RELATIONSHIP_ID
KCRT_REQUEST_TYPES_NLS	REQUEST_TYPE_ID	DEFAULT_CHILD_REQ_RT_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KWFL_VERIFICATION_TEMP	WORKFLOW_ID	WORKFLOW_ID
KWFL_CONDITIONS	CONDITION_ID	STEP_SOURCE_ID
KWFL_WORKFLOWS_NLS	WORKFLOW_ID	WORKFLOW_ID
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	USER_DATA_SET_CONTEXT_ID
KWFL_EXECUTIONS_NLS	EXECUTION_ID	STEP_SOURCE_ID
KNTA_USERS	USER_ID	CREATED_BY
KWFL_WORKFLOW_PARAMETERS_NLS	WORKFLOW_PARAMETER_ID	RESULT_WORKFLOW_PARAMETER_ID

Primary Key Table	Primary Key Column	Foreign Key Column
KWFL_APPROVALS_NLS	APPROVAL_ID	STEP_SOURCE_ID
KNTA_USERS	USER_ID	PARENT_ASSIGNED_TO_USER_ID
KENV_ENVIRONMENTS	ENVIRONMENT_ID	SOURCE_ENVIRONMENT_ID
KNTA_SECURITY_GROUPS_NLS	SECURITY_GROUP_ID	PARENT_ASSIGNED_TO_GROUP_ID

Column Descriptions

Column Name	Null?	Data Type	Description
WORKFLOW_STEP_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
WORKFLOW_ID	NOT NULL	NUMBER	Workflow ID of the containing workflow
STEP_TYPE_CODE	NOT NULL	VARCHAR2(30)	Defined by lookup STEP_TYPE ('APPROVAL', 'CONDITION', 'EXECUTION', or 'WORKFLOW')
STEP_SOURCE_ID	NULLABLE	NUMBER	ID of the approval, condition, execution, or workflow.
RESULT_WORKFLOW_PARAMETER_ID	NULLABLE	NUMBER	ID of the workflow parameter where the result is stored into
PRODUCT_SCOPE_CODE	NOT NULL	VARCHAR2(30)	Defined by lookup PRODUCT_SCOPE_TYPE
PARENT_ASSIGNED_TO_USER_ID	NULLABLE	NUMBER	When set, sets the assigned-to user for a request or package when this step becomes eligible

Column Name	Null?	Data Type	Description
PARENT_ ASSIGNED_TO_ GROUP_ID	NULLABLE	NUMBER	When set, sets the assigned-to group for a request or package when this step becomes eligible
PARENT_ STATUS	NULLABLE	VARCHAR2(30)	When set, sets the status of a request or package when this step becomes eligible
SOURCE_ ENVIRONMENT_ ID	NULLABLE	NUMBER	Defines the source environment, only used for executions
SOURCE_ENV_ GROUP_ID	NULLABLE	NUMBER	Defines the source environment group, only used for executions
DEST_ ENVIRONMENT_ ID	NULLABLE	NUMBER	Defines the destination environment, only used for executions
DEST_ENV_ GROUP_ID	NULLABLE	NUMBER	Defines the destination environment group, only used for executions
OM_ARCHIVE_ FLAG	NULLABLE	VARCHAR2(1)	When 'Y' and the migrated object is an AOL object type, Object*Migrator will archive the object
AVERAGE_ LEAD_TIME	NULLABLE	NUMBER	In days. Purely informational
STEP_NAME	NOT NULL	VARCHAR2(80)	By default the same name as the name of the step source, but user can override it to something else.
JUMP_RECEIVE_ LABEL_CODE	NULLABLE	VARCHAR2(30)	Defines the label for the jump and receive steps. Jump/ Receive can be performed if the steps have same label.
DESCRIPTION	NULLABLE	VARCHAR2(240)	Description of the workflow
INFORMATION_ URL	NULLABLE	VARCHAR2(200)	Defines the URL where the 'hint' can be found for a step. When selected, the hint is displayed in the status tabs for relevant entities.

Column Name	Null?	Data Type	Description
REQUEST_ TYPE_LIST	NULLABLE	VARCHAR2(200)	Defines the list of request types that can be used to create a request using the 'Create_Request' execution command. If left blank, all the request types will be available to create a request.
ACTION_ BUTTON_LABEL	NULLABLE	VARCHAR2(80)	When set, this text is used on the Action button on the Package, Request status panel. When blank the step name is used for the label.
SORT_ORDER	NOT NULL	NUMBER	Each step can have a unique sort order between 1 and the total number of workflow steps for one workflow. This determines the display sequence on Package, request status tabs.
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Only enabled workflow steps can have incoming transitions.
DISPLAY_TYPE_ CODE	NOT NULL	VARCHAR2(30)	Determines whether the step will be displayed always, never or on active only.
DRAW_CENTER_ POS	NULLABLE	VARCHAR2(30)	X and Y coordinates of the workflow step icon when drawn by the workflow builder
SOURCE_TYPE_ CODE	NULLABLE	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, and so on)
SOURCE	NULLABLE	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update

Column Name	Null?	Data Type	Description
USER_DATA_ SET_CONTEXT_ ID	NULLABLE	NUMBER	Constant 1212
USER_DATA1-20	NULLABLE	VARCHAR2(200)	User data segment
VISIBLE_USER_ DATA1-20	NULLABLE	VARCHAR2(200)	User data segment
PERCENT_ COMPLETE	NULLABLE	NUMBER	When set, sets the percent complete of a request to this value when this step becomes eligible
RELEASE_IS_ REQUIRED_ FLAG	NOT NULL	VARCHAR2(1)	When set to 'Y' a valid release should be entered while taking action on this step.
STEP_TIMEOUT_ TYPE	NULLABLE	VARCHAR2(50)	Timeout type. Could be a constant or token.
STEP_TIMEOUT_ VALUE	NULLABLE	VARCHAR2(200)	Numeric value for timeout
STEP_TIMEOUT_ UNIT_CODE	NULLABLE	VARCHAR2(30)	Time out units. Could be minutes, hours, days, and so on
USE_SOURCE_ TIMEOUT_FLAG	NOT NULL	VARCHAR2(1)	When this column is set to 'Y' the timeout properties of the step source is used.
ALLOWED_ CHILD_PKG_WF_ LIST	NULLABLE	VARCHAR2(200)	A KNTA_MULTI.Multi_ Delimiter separated list of package workflow identifiers that are allowed to be chosen for packages spawned by this workflow step
DEFAULT_ CHILD_PKG_WF_ ID	NULLABLE	NUMBER	IDentifier for default package workflow to be chosen for packages spawned by this workflow step
DEFAULT_ CHILD_REQ_RT_ ID	NULLABLE	NUMBER	IDentifier for default request type to be chosen for requests spawned by this workflow step
REF_ RELATIONSHIP_ ID	NULLABLE	NUMBER	Identifier for the referenced relationship for the newly spawned entity

Column Name	Null?	Data Type	Description
STEP_AUTH_TYPE_CODE	NOT NULL	VARCHAR2(30)	Indicate the type of authorization is required for this creation step
NORMAL_BACKGROUND_COLOR	NULLABLE	VARCHAR2(20)	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update
ASSIGNED_TO_USER_TOKEN	NULLABLE	VARCHAR2(500)	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update
ASSIGNED_TO_GROUP_TOKEN	NULLABLE	VARCHAR2(500)	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update
DEFINITION_LANGUAGE	NOT NULL	VARCHAR2(40)	Definition language
REFERENCE_CODE	NOT NULL	VARCHAR2(200)	Reference code

Indexes

Index Name	Index Type	Sequence	Column Name
KWFL_WORKFLOW_STEPS_N1	NONUNIQUE	1	WORKFLOW_ID
KWFL_WORKFLOW_STEPS_N1	NONUNIQUE	2	SORT_ORDER
KWFL_WORKFLOW_STEPS_N2	NONUNIQUE	1	STEP_SOURCE_ID
KWFL_WORKFLOW_STEPS_N2	NONUNIQUE	2	STEP_TYPE_CODE

Index Name	Index Type	Sequence	Column Name
KWFL_WORKFLOW_STEPS_NLS_N3	NONUNIQUE	1	WORKFLOW_ID
KWFL_WORKFLOW_STEPS_NLS_N3	NONUNIQUE	2	ENABLED_FLAG
KWFL_WORKFLOW_STEPS_NLS_N3	NONUNIQUE	3	WORKFLOW_STEP_ID
KWFL_WORKFLOW_STEPS_NLS_U2	NONUNIQUE	1	WORKFLOW_STEP_ID
KWFL_WORKFLOW_STEPS_NLS_U2	NONUNIQUE	2	ENABLED_FLAG
KWFL_WORKFLOW_STEPS_U1	UNIQUE	1	WORKFLOW_STEP_ID
SYS_C005199976	UNIQUE	1	REFERENCE_CODE

Sequences

This table does not use any Sequences.

KWFL_WORKFLOW_STEPS_TEMP

This is a temporary table that stores information about workflow steps (especially copy/move).

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KWFL_WORKFLOW_STEPS_NLS	WORKFLOW_STEP_ID	STEP_TYPE_CODE
KWFL_WORKFLOW_STEPS_NLS	WORKFLOW_STEP_ID	OLD_STEP_SOURCE_ID
KNTA_USERS	USER_ID	CREATED_BY
KWFL_WORKFLOW_STEPS_NLS	WORKFLOW_STEP_ID	NEW_STEP_SOURCE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
GROUP_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
STEP_TYPE_CODE	NOT NULL	VARCHAR2(30)	Unique identifier that identifies the type of workflow step
OLD_STEP_SOURCE_ID	NOT NULL	NUMBER	Identifier that uniquely identifies the source workflow step
NEW_STEP_SOURCE_ID	NOT NULL	NUMBER	Identifier that uniquely identifies the destination workflow step

Indexes

Index Name	Index Type	Sequence	Column Name
KWFL_WORKFLOW_STEPS_TEMP_U1	UNIQUE	1	GROUP_ID
KWFL_WORKFLOW_STEPS_TEMP_U1	UNIQUE	2	STEP_TYPE_CODE
KWFL_WORKFLOW_STEPS_TEMP_U1	UNIQUE	3	OLD_STEP_SOURCE_ID
KWFL_WORKFLOW_STEPS_TEMP_U1	UNIQUE	4	NEW_STEP_SOURCE_ID

Sequences

This table uses no sequences.

KWFL_WORKFLOWS

This table stores the header information for a workflow definition, such as workflow name, description, and associated product scope.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KWFL_WORKFLOWS_NLS	WORKFLOW_ID	DEFAULT_CHILD_PKG_WF_ID
KNTA_USERS	USER_ID	CREATED_BY
KCRT_REQUEST_TYPES_NLS	REQUEST_TYPE_ID	DEFAULT_CHILD_REQ_RT_ID
KWFL_WORKFLOW_STEPS_NLS	WORKFLOW_STEP_ID	FIRST_WORKFLOW_STEP_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KWFL_WORKFLOW_STEPS_NLS	WORKFLOW_STEP_ID	REOPEN_STEP_ID
KNTA_VALIDATIONS_NLS	VALIDATION_ID	RESULT_VALIDATION_ID
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	USER_DATA_SET_CONTEXT_ID

Column Descriptions

Column Name	Null?	Data Type	Description
WORKFLOW_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
WORKFLOW_NAME	NOT NULL	VARCHAR2(150)	Name of the workflow

Column Name	Null?	Data Type	Description
DESCRIPTION	NULLABLE	VARCHAR2(240)	Description of the workflow
PRODUCT_ SCOPE_CODE	NOT NULL	VARCHAR2(30)	Either 'AI' for HP Deployment Management, 'RI' for HP Demand Management or 'ALL' for all
FIRST_ WORKFLOW_ STEP_ID	NULLABLE	NUMBER	ID of the workflow step that will be enabled when the workflow is instantiated
REOPEN_STEP_ ID	NULLABLE	NUMBER	ID of the workflow step that will be enabled when the workflow is reopened
RESTRICT_ OBJECTS_FLAG	NULLABLE	VARCHAR2(1)	When set to 'Y', all new object types are restricted from this workflow
FORCE_APP_ CODE_FLAG	NOT NULL	VARCHAR2(1)	If 'Y', Forces the user to select an app code for the object when adding a request line.
RESTRICT_ WORKFLOWS_ FLAG	NULLABLE	VARCHAR2(1)	When set to 'Y', all new workflows are restricted from this workflow
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Only enabled workflows can be used for new issues or change requests
SOURCE_TYPE_ CODE	NULLABLE	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, and so on)
SOURCE	NULLABLE	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.
USER_DATA_ SET_CONTEXT_ ID	NULLABLE	NUMBER	Constant 1211
USER_DATA1-20	NULLABLE	VARCHAR2(200)	User data segment

Column Name	Null?	Data Type	Description
VISIBLE_USER_DATA1-20	NULLABLE	VARCHAR2(200)	User data segment
SUB_WORKFLOW_FLAG	NOT NULL	VARCHAR2(1)	This flag indicates if the workflow is a subworkflow.
RESULT_VALIDATION_ID	NULLABLE	NUMBER	In case of subworkflows, this validation will define the transitions coming out of the subworkflow step.
ICON_NAME	NULLABLE	VARCHAR2(80)	In case of subworkflows, the subworkflow step will be displayed with this icon.
USE_IN_RELEASE_DIST_FLAG	NOT NULL	VARCHAR2(1)	This column is applicable only for Package Workflows. A package sub-workflow can be included in a Distribution workflow only when this column is set to 'Y' (Yes).
DEFAULT_CHILD_PKG_WF_ID	NULLABLE	NUMBER	Identifier for the default package workflow for packages that are spawned by this workflow
DEFAULT_CHILD_REQ_RT_ID	NULLABLE	NUMBER	Identifier for the default request type for requests that are spawned by this workflow
RESTRICT_CHILD_REQ_RTS_FLAG	NULLABLE	VARCHAR2(1)	When set to 'Y', all new request types are restricted from this workflow
DEFINITION_LANGUAGE	NOT NULL	VARCHAR2(40)	Definition language
REFERENCE_CODE	NOT NULL	VARCHAR2(200)	Reference code

Indexes

Index Name	Index Type	Sequence	Column Name
KWFL_WORKFLOWS_ NLS_U3	NONUNIQUE	1	WORKFLOW_ID
KWFL_WORKFLOWS_ NLS_U3	NONUNIQUE	2	SUB_WORKFLOW_ FLAG
KWFL_WORKFLOWS_U1	UNIQUE	1	WORKFLOW_ID
KWFL_WORKFLOWS_U2	UNIQUE	1	WORKFLOW_ NAME
SYS_C005199903	UNIQUE	1	REFERENCE_ CODE

Sequences

Sequence Name	Sequence Type
KWFL_WORKFLOWS_S	WORKFLOW_ID

PFM_LIFECYCLE_PARENT_ENTITY

This table stores information of the lifecycle entities and the current active lifecycle entities.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KCRT_REQUESTS	REQUEST_ID	ASSET_REQ_ID
KCRT_REQUESTS	REQUEST_ID	PROPOSAL_REQ_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KCRT_REQUESTS	REQUEST_ID	PROJECT_REQ_ID

Column Descriptions

Column Name	Null?	Data Type	Description
LIFECYCLE_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
PROPOSAL_REQ_ ID	NULLABLE	NUMBER	Proposal request ID
PROJECT_REQ_ID	NULLABLE	NUMBER	Project request ID
ASSET_REQ_ID	NULLABLE	NUMBER	Asset request ID
ACTIVE_ENTITY	NOT NULL	VARCHAR2(20)	Indicates which lifecycle entity is active currently
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column must not be updated manually

Indexes

Index Name	Index Type	Sequence	Column Name
PFM_LIFECYCLE_ ASSET_REQ_IDX	NONUNIQUE	1	ASSET_REQ_ID
PFM_LIFECYCLE_ PROJECT_REQ_IDX	NONUNIQUE	1	PROJECT_REQ_ ID
PFM_LIFECYCLE_ PROPOSAL_REQ_IDX	NONUNIQUE	1	PROPOSAL_ REQ_ID
PK_PFM_LIFECYCLE_ PARENT_ENTITY	UNIQUE	1	LIFECYCLE_ID

Sequences

Sequence Name	Sequence Type
SYS_C005201638	LIFECYCLE_ID

PFM_PORTFOLIO_CONTENTS

This table stores the relationships between portfolios and their contents (i.e. sub portfolios, linked programs and linked lifecycle entities). The contents are represented by their financial summary IDs since the contents and their financial summaries have 1 to 1 relationship.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FM_FINANCIAL_ SUMMARY	FINANCIAL_ SUMMARY_ID	FINANCIAL_ SUMMARY_ID
PFM_PORTFOLIOS	PORTFOLIO_ID	PORTFOLIO_ID

Column Descriptions

Column Name	Null?	Data Type	Description
PORTFOLIO_ID	NOT NULL	NUMBER	ID of the parent portfolio
FINANCIAL_ SUMMARY_ID	NOT NULL	NUMBER	Financial summary ID of the child portfolio, linked program, or linked lifecycle entity.

Indexes

Index Name	Index Type	Sequence	Column Name
PFM_CONTENTS_PK	UNIQUE	1	PORTFOLIO_ID
PFM_CONTENTS_PK	UNIQUE	2	FINANCIAL_ SUMMARY_ID

Sequences

This table uses no sequences.

PFM_PORTFOLIO_MANAGERS

The table stores the relationships between the portfolios and their managers.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PFM_PORTFOLIOS	PORTFOLIO_ID	PORTFOLIO_ID
KNTA_USERS	USER_ID	USER_ID

Column Descriptions

Column Name	Null?	Data Type	Description
PORTFOLIO_ID	NOT NULL	NUMBER	ID of the portfolio
USER_ID	NOT NULL	NUMBER	ID of the user who is the manager of the portfolio.

Indexes

Index Name	Index Type	Sequence	Column Name
PFM_PORTFOLIO_ MANAGERS_PK	UNIQUE	1	PORTFOLIO_ID
PFM_PORTFOLIO_ MANAGERS_PK	UNIQUE	2	USER_ID

Sequences

This table uses no sequences.

PFM_PORTFOLIOS

This table stores PFM Portfolios.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
FM_FINANCIAL_ SUMMARY	FINANCIAL_SUMMARY_ ID	FINANCIAL_SUMMARY_ ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
PFM_PORTFOLIOS	PORTFOLIO_ID	PARENT_PORTFOLIO_ID
ITG_SECURABLE_ ENTITIES	SECURABLE_ENTITY_ID	SECURABLE_ENTITY_ID

Column Descriptions

Column Name	Null?	Data Type	Description
PORTFOLIO_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
VERSION	NOT NULL	NUMBER	System-generated version, used for hibernate version control.
NAME	NOT NULL	VARCHAR2(200)	Name of the portfolio
PARENT_ PORTFOLIO_ID	NULLABLE	NUMBER	ID of the parent portfolio
FINANCIAL_ SUMMARY_ID	NOT NULL	NUMBER	ID of the portfolio's financial summary
SECURABLE_ ENTITY_ID	NOT NULL	NUMBER	ID of the portfolio's security entity

Indexes

Index Name	Index Type	Sequence	Column Name
PFM_PORTFOLIOS_N1	NONUNIQUE	1	PARENT_ PORTFOLIO_ID
PFM_PORTFOLIOS_N2	NONUNIQUE	1	FINANCIAL_ SUMMARY_ID
PFM_PORTFOLIOS_PK	UNIQUE	1	PORTFOLIO_ID
PFM_PORTFOLIOS_U1	NONUNIQUE	1	NAME

Sequences

Sequence Name	Sequence Type
PFM_PORTFOLIOS_S	PORTFOLIO_ID

PGM_PROGRAM_CONTENT

This table stores many-to-many relationships, connecting the PGM_PROGRAMS table (programs) with the PFM_LIFECYCLE_PARENT_ENTITY table (content).

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PFM_LIFECYCLE_ PARENT_ENTITY	LIFECYCLE_ID	CONTENT_ID
PGM_PROGRAMS	PROGRAM_ID	PROGRAM_ID

Column Descriptions

Column Name	Null?	Data Type	Description
PROGRAM_ID	NOT NULL	NUMBER	ID of the program entity
CONTENT_ID	NOT NULL	NUMBER	ID of the content representing a proposal, project or asset

Indexes

Index Name	Index Type	Sequence	Column Name
PGM_PROGRAM_ CONTENT_IDX1	NONUNIQUE	1	CONTENT_ID
SYS_C005201554	UNIQUE	1	PROGRAM_ID
SYS_C005201554	UNIQUE	2	CONTENT_ID

Sequences

This table uses no sequences.

PGM_PROGRAMS

This table stores the PPM Center Program entity information. This table was previously named PM_PROJECTS_CONTAINERS.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
FM_FINANCIAL_ SUMMARY	FINANCIAL_SUMMARY_ ID	FINANCIAL_SUMMARY_ ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
ITG_SECURABLE_ ENTITIES	SECURABLE_ENTITY_ID	PROGRAM_ACCESS_ID
ITG_SECURABLE_ ENTITIES	SECURABLE_ENTITY_ID	PROGRAM_COST_ ACCESS_ID

Column Descriptions

Column Name	Null?	Data Type	Description
PROGRAM_ID	NOT NULL	NUMBER	System-generated identifier
ENTITY_TYPE_ CODE	NOT NULL	VARCHAR2(255)	Identifies type of the entity. The only valid value is PROGRAM
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column must not be updated manually
PARENT_ PROJECTS_ CONTAINER_ID	NULLABLE	NUMBER	This field is deprecated and will be removed.
CONTAINER_ NAME	NULLABLE	VARCHAR2(255)	Defines name of the entity
DEPTH	NULLABLE	NUMBER	This field is deprecated and will be removed.
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created

Column Name	Null?	Data Type	Description
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
DESCRIPTION	NULLABLE	VARCHAR2(4000)	Defines description of the entity
USER_DATA1-20	NULLABLE	VARCHAR2(255)	User data segment
VISIBLE_USER_DATA1-20	NULLABLE	VARCHAR2(255)	User data segment
STATUS_NOTES	NULLABLE	VARCHAR2(4000)	Provides notes for the status of the program
BENEFIT	NULLABLE	VARCHAR2(4000)	Provides benefits of the program
STATE	NULLABLE	NUMBER	Indicates status of the program
PRIORITY	NULLABLE	NUMBER	Indicates priority of the program
PROG_SETTINGS_KEY	NULLABLE	VARCHAR2(32)	Defines key in the ITG_SETTINGS_CONTAINERS table
ISSUES_HEALTH	NULLABLE	VARCHAR2(10)	Indicates issue health of the program
RISK_HEALTH	NULLABLE	VARCHAR2(10)	Indicates risk health of the program
SCOPE_CHANGE_HEALTH	NULLABLE	VARCHAR2(10)	Indicates scope change health of the program
PROGRAM_ACCESS_ID	NULLABLE	NUMBER	Defines access rights to the program. FK to ITG_SECURABLE_ENTITIES
PROGRAM_COST_ACCESS_ID	NULLABLE	NUMBER	Defines access rights to the cost information in the program. FK to ITG_SECURABLE_ENTITIES
CHILD_SEQ	NULLABLE	NUMBER	Internal value. Indicates index of the entity in the parent list

Column Name	Null?	Data Type	Description
FINANCIAL_ SUMMARY_ID	NULLABLE	NUMBER	ID of the program's financial summary
SCORE	NULLABLE	NUMBER	Score for program
OVERALL_ HEALTH	NULLABLE	VARCHAR2(10)	Health for program
DISCOUNT_RATE	NULLABLE	NUMBER	Discount rate for program
NPV	NULLABLE	NUMBER	Net Present Value for program
TNR	NULLABLE	NUMBER	Total nominal return for program
ROLLUPABLE	NOT NULL	VARCHAR2(1)	Flag to indicate if this program can participate in a portfolio. The value is true if this program can be added to a portfolio.

Indexes

Index Name	Index Type	Sequence	Column Name
FKAE480BB5716474FD_I	NONUNIQUE	1	PARENT_PROJECTS_ CONTAINER_ID
FKAE480BB5AA3D749_I	NONUNIQUE	1	PROGRAM_COST_ ACCESS_ID
FKAE480BB5FF702AE_I	NONUNIQUE	1	PROGRAM_ACCESS_ID
PM_PROJECTS_ CONTAINERS_N1	NONUNIQUE	1	PROG_SETTINGS_KEY
PM_PROJECTS_ CONTAINERS_N2	NONUNIQUE	1	CONTAINER_NAME
PM_PROJECTS_ CONTAINERS_N2	NONUNIQUE	2	ENTITY_TYPE_CODE
SYS_C005200292	UNIQUE	1	CONTAINER_NAME
SYS_C005201556	UNIQUE	1	PROGRAM_ID

Sequences

This table uses no sequences.

PM_EXCEPTION_RULE_RESULTS

This table stores the results of the rule evaluations performed on a task

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
WP_TASKS	TASK_ID	NEW_TASK_ID
WP_TASKS	TASK_ID	TARGET_TASK_ID

Column Descriptions

Column Name	Null?	Data Type	Description
EXCEPTION_ RULE_RESULT_ ID	NOT NULL	NUMBER	System-generated identifier
HIB_CLASS	NOT NULL	VARCHAR2(255)	Classifies the exceptions according to two types. Base and MT. The Base exceptions are simple exceptions, i.e., we need to evaluate only 1 task to create this exception. Whereas the MT signifies Multi-Task, this means that multiple tasks need to be evaluated to create a single exception.
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column must not be updated manually
NEW_TASK_ID	NOT NULL	NUMBER	Identifies the task that has this exception. This is a foreign key to the TASK_ID column in the WP_TASKS table
EXCEPTION_ NAME	NULLABLE	VARCHAR2(255)	Name of the exception

Column Name	Null?	Data Type	Description
EXCEPTION_ SUB_TYPE	NULLABLE	VARCHAR2(255)	Further classification of the exception type; for example, SCHEDULE and COST
EXCEPTION_ TYPE	NULLABLE	VARCHAR2(255)	Indicates the type of the exception. Currently the values EXCEPTION and NOTIFICATION are supported. The notification results are moved to a different table from 7.5
AFFECTS_ SCHEDULE_ HEALTH	NULLABLE	NUMBER	Indicates whether this exception influences the health calculation
DESCRIPTION_ TYPE	NULLABLE	VARCHAR2(255)	Indicates the description for the exception
DETAILS	NULLABLE	VARCHAR2(255)	A place where additional information can be stored
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
TARGET_TASK_ ID	NULLABLE	NUMBER	Some exceptions (for example, predecessor/ external predecessor has exception) can be created on the summary tasks. But according to the functional design only a leaf task can be associated with an exception. So this column is used to refer to the summary task. The leaf task is then referenced from the NEW_TASK_ID column.

Indexes

Index Name	Index Type	Sequence	Column Name
FKC9BDF4258A8A928_I	NONUNIQUE	1	TARGET_TASK_ID
FKC9BDF425B2766237_I	NONUNIQUE	1	NEW_TASK_ID
SYS_C005201550	UNIQUE	1	EXCEPTION_RULE_RESULT_ID

Sequences

Sequence Name	Sequence Type
PM_EXCEPTION_RULE_RESULTS_S	EXCEPTION_RULE_RESULT_ID

PM_INDICATOR_POLICIES

This table is not in use currently.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
PROJECT_TYPE_ID	NOT NULL	NUMBER	System-generated identifier
IS_ON_FLAG	NULLABLE	VARCHAR2(1)	Not in use
INDICATOR_TYPE_CODE	NOT NULL	NUMBER	Not in use

Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C005201551	UNIQUE	1	PROJECT_TYPE_ID
SYS_C005201551	UNIQUE	2	INDICATOR_TYPE_CODE

Sequences

This table uses no sequences.

PM_MSP_LINK_REQUESTS

This table stores the ID of the project for each user that clicked the "Open Work Plan in Microsoft Project" button on the work plan page. There is at most one record per user, and that record will be updated every time the user clicks the button on the work plan page.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PM_PROJECTS	PROJECT_ID	PROJECT_ID
KNTA_USERS	USER_ID	USER_ID

Column Descriptions

Column Name	Null?	Data Type	Description
MSP_LINK_ REQUEST_ID	NOT NULL	NUMBER	System-generated identifier
USER_ID	NOT NULL	NUMBER	ID of Identifier for the user who clicked the "Open Work Plan in Microsoft Project"
PROJECT_ID	NOT NULL	NUMBER	ID of the project that the user was looking at when clicking the "Open Work Plan in Microsoft Project"
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
VERSION	NOT NULL	NUMBER	System-generated version

Indexes

Index Name	Index Type	Sequence	Column Name
FK_PM_MLR_PROJECT_I	NONUNIQUE	1	PROJECT_ID
FK_PM_MLR_USER_I	NONUNIQUE	1	USER_ID
SYS_C005201890	UNIQUE	1	MSP_LINK_REQUEST_ID

Sequences

Sequence Name	Sequence Type
PM_MSP_LINK_REQUESTS_S	MSP_LINK_REQUEST_ID

PM_PROGRAM_BUSINESS_OBJECTIVES

This is an internal table, it defines one to many relationship between program to business objective

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KPMO_BUSINESS_ OBJECTIVES_NLS	BUSINESS_ OBJECTIVE_ID	BUSINESS_ OBJECTIVE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
PROGRAM_ID	NOT NULL	NUMBER	System-generated identifier
BUSINESS_ OBJECTIVE_ID	NULLABLE	NUMBER	ID of the business objective
BUSINESS_ OBJECTIVE_SEQ	NOT NULL	NUMBER	internal value which identifies position of the business objective in the list of business objectives in the program

Indexes

Index Name	Index Type	Sequence	Column Name
PM_PROGRAM_ BUSINESS_OBJ_N1	NONUNIQUE	1	BUSINESS_ OBJECTIVE_ID
SYS_C005201552	UNIQUE	1	PROGRAM_ID
SYS_C005201552	UNIQUE	2	BUSINESS_ OBJECTIVE_SEQ

Sequences

This table uses no sequences.

PM_PROGRAM_MANAGERS

This table stores list of program managers for the program

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	PROGRAM_MANAGER_ USER_ID

Column Descriptions

Column Name	Null?	Data Type	Description
PROGRAM_ID	NOT NULL	NUMBER	System-generated identifier
PROGRAM_ MANAGER_USER_ID	NOT NULL	NUMBER	Defines the ID of the user which is program manager for the program

Indexes

Index Name	Index Type	Sequence	Column Name
FK1CE07BC33B83CAD_I	NONUNIQUE	1	PROGRAM_ MANAGER_USER_ID
SYS_C005201553	UNIQUE	1	PROGRAM_ID
SYS_C005201553	UNIQUE	2	PROGRAM_ MANAGER_USER_ID

Sequences

This table uses no sequences.

PM_PROJECT_ROLLUP

This table stores project health information which are normally obtained from rollup calculation for the whole project or work plan.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	CREATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
ROLLUP_ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column must not be updated manually
SCHEDULE_ HEALTH_ INDICATOR	NULLABLE	VARCHAR2(255)	Stores project schedule health information
OVERRIDE_DATE	NULLABLE	DATE	Stores date the project health was overridden.
OVERRIDE_ DESCRIPTION	NULLABLE	VARCHAR2(750)	Stores the description for overriding the project health
OVERALL_ HEALTH_ INDICATOR	NULLABLE	VARCHAR2(255)	Stores the overall health information for the project
COST_HEALTH_ INDICATOR	NULLABLE	VARCHAR2(255)	Stores the cost health information for the project
BUDGET_ OVERRUN	NULLABLE	FLOAT	Stores the project budget overrun information
ISSUE_HEALTH_ INDICATOR	NULLABLE	VARCHAR2(255)	Stores the project health information
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record

Column Name	Null?	Data Type	Description
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated

Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C005201557	UNIQUE	1	ROLLUP_ID

Sequences

Sequence Name	Sequence Type
PM_PROJECT_ROLLUP_S	ROLLUP_ID

PM_PROJECT_TYPE_CUSTOM_FIELDS

This table stores PPM User data field to Microsoft Project custom text fields mappings.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PM_PROJECT_TYPES	PROJECT_TYPE_ID	PROJECT_TYPE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
PROJECT_TYPE_ID	NOT NULL	NUMBER	A foreign key reference to project_type_id of PM_PROJECT_TYPES table.
CUSTOM_FIELD	NULLABLE	NUMBER	text number of MSP custom fields.
TYPE	NOT NULL	NUMBER	User data number in PPM.

Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C005201559	UNIQUE	1	PROJECT_TYPE_ID
SYS_C005201559	UNIQUE	2	TYPE

Sequences

This table uses no sequences.

PM_PROJECT_TYPES

This table stores project type and project setting information.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KCRT_REQUEST_TYPES_NLS	REQUEST_TYPE_ID	ISSUE_REQUEST_TYPE_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
PM_PROJECTS	PROJECT_ID	PROJECT_ID
KCRT_REQUEST_TYPES_NLS	REQUEST_TYPE_ID	PROJECT_REQUEST_TYPE_ID
ITG_SECURABLE_ENTITIES	SECURABLE_ENTITY_ID	PROJECT_TYPE_EDIT_ACCESS_ID
ITG_SECURABLE_ENTITIES	SECURABLE_ENTITY_ID	PROJECT_TYPE_USAGE_ID
RSC_RESOURCE_POOLS	RESOURCE_POOL_ID	RESOURCE_POOL_ID
KNTA_PENDING_EXCEPTIONS	SOURCE_ID	SOURCE_ID
PM_WORKPLAN_TEMPLATES	WORKPLAN_TEMPLATE_ID	WORKPLAN_TEMPLATE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
PROJECT_TYPE_ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column must not be updated manually
SOURCE_ID	NULLABLE	NUMBER	Indicate the ID of the original Project type instance that this instance was copied from.If this is the original, the source_id should be the same as its own ID

Column Name	Null?	Data Type	Description
PROJECT_ TYPE_NAME	NULLABLE	VARCHAR2(255)	Name of the project type
DESCRIPTION	NULLABLE	VARCHAR2(650)	Description of the project type
ENABLED_FLAG	NULLABLE	VARCHAR2(1)	Indicates whether this project type is enabled
WORKPLAN_ TEMPLATE_ID	NULLABLE	NUMBER	Stores Workplan template ID used by this project type. It references the Workplan_ template_id of pm_workplan_ templates table.
RESOURCE_ POOL_ID	NULLABLE	NUMBER	Stores resource pool ID It references the resource_pool_ id of rsc_resource_pools table
PROJECT_ REQUEST_ TYPE_ID	NULLABLE	NUMBER	Stores request type ID It references the request_type_id of KCRT_REQUEST_TYPES
PROJECT_ REQUEST_ TYPE_NAME	NULLABLE	VARCHAR2(255)	Stores request type name. It references the request_type_ name of KCRT_REQUEST_ TYPES
ISSUE_ REQUEST_ TYPE_ID	NULLABLE	NUMBER	Stores the issue request type ID It references the request_ type_id of KCRT_REQUEST_ TYPES
ISSUE_ REQUEST_ TYPE_NAME	NULLABLE	VARCHAR2(255)	Stores the issue request type name. It references the request_type_name of KCRT_ REQUEST_TYPES
RISK_ REQUEST_ TYPE_ID	NULLABLE	NUMBER	Stores the risk request type ID It references the request_type_ id of KCRT_REQUEST_ TYPES
RISK_ REQUEST_ TYPE_NAME	NULLABLE	VARCHAR2(255)	Stores the risk request type name. It references the request_type_name of KCRT_ REQUEST_TYPES

Column Name	Null?	Data Type	Description
SCOPE_ CHANGE_ REQUEST_ TYPE_ID	NULLABLE	NUMBER	Stores the scope change request type ID It references the request_type_id of KCRT_ REQUEST_TYPES
SCOPE_ CHANGE_ REQUEST_ TYPE_NAME	NULLABLE	VARCHAR2(255)	Stores the scope change request type name. It references the request_type_ name of KCRT_REQUEST_ TYPES.
PROJECT_ TYPE_EDIT_ ACCESS_ID	NULLABLE	NUMBER	Stores edit access information for the project type entity. It references securable_entity_id of the itg_securable_entities table.
PROJECT_ TYPE_USAGE_ ID	NULLABLE	NUMBER	Stores usage access information for the project type. It references securable_entity_ id of the itg_securable_entities table.
PROJECT_ID	NULLABLE	NUMBER	Project ID associated with the project type setting
INDICATOR_ OVERRIDABLE_ FLAG	NULLABLE	VARCHAR2(1)	Not currently used
PT_SETTINGS_ KEY	NULLABLE	NUMBER	Stores the foreign key to ITG_ SETTINGS_CONTAINERS table
CONTEXT_ PATH	NULLABLE	VARCHAR2(255)	Stores unique name of itg containers
SOURCE	NULLABLE	VARCHAR2(255)	Currently not used
SOURCE_ TYPE_CODE	NULLABLE	VARCHAR2(255)	Currently not used
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_ DATE	NOT NULL	DATE	Date record was created
LAST_ UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record

Column Name	Null?	Data Type	Description
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
PROJECT_CONTAINER_ID	NULLABLE	NUMBER	Currently not used
ALLOWED_PROJECT_TYPES_SEQ	NULLABLE	NUMBER	Currently not used
WORK_LOAD_CATEGORY_CODE	NULLABLE	VARCHAR2(255)	Represents the work load category. This is the same value from the project settings but allocated a dedicated column for performance reasons.

Indexes

Index Name	Index Type	Sequence	Column Name
FK8BAAB111198C5CC9_I	NONUNIQUE	1	PT_SETTINGS_KEY
FK8BAAB1117138459F_I	NONUNIQUE	1	PROJECT_TYPE_USAGE_ID
FK8BAAB11186DA93FA_I	NONUNIQUE	1	PROJECT_TYPE_EDIT_ACCESS_ID
FK8BAAB11195D2EB1E_I	NONUNIQUE	1	PROJECT_ID
FK8BAAB111A578EEB_I	NONUNIQUE	1	WORKPLAN_TEMPLATE_ID
FK8BAAB111A85CA660_I	NONUNIQUE	1	RESOURCE_POOL_ID
FK8BAAB111C009AE93_I	NONUNIQUE	1	PROJECT_CONTAINER_ID
PM_PROJECT_TYPES_N1	NONUNIQUE	1	SOURCE_ID
PM_PROJECT_TYPES_N2	NONUNIQUE	1	PROJECT_TYPE_NAME
SYS_C005201558	UNIQUE	1	PROJECT_TYPE_ID

Sequences

Sequence Name	Sequence Type
PM_PROJECT_TYPES_S	PROJECT_TYPE_ID

PM_PROJECTS

This table stores the PPM project entity information.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KCRT_REQUESTS	REQUEST_ID	PFM_REQUEST_ID
ITG_SECURABLE_ ENTITIES	SECURABLE_ENTITY_ ID	PROJECT_ACCESS_ID
ITG_SECURABLE_ ENTITIES	SECURABLE_ENTITY_ ID	PROJECT_COST_ ACCESS_ID
PM_PROJECT_TYPES	PROJECT_TYPE_ID	PROJECT_TYPE_ID
KNTA_REGIONS_NLS	REGION_ID	REGION_ID
PM_PROJECT_ROLLUP	ROLLUP_ID	ROLLUP_ID

Column Descriptions

Column Name	Null?	Data Type	Description
PROJECT_ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column must not be updated manually
ROLLUP_ID	NULLABLE	NUMBER	Provides foreign key reference to pm_project_rollup table
PROJECT_NAME	NULLABLE	VARCHAR2(300)	Stores the name of the project record
DESCRIPTION	NULLABLE	VARCHAR2(650)	Stores the description of the project record.
ASSOCIATED_ MSP_PROJECT	NULLABLE	VARCHAR2(255)	Stores the file name and path of the microsoft project if the project is integrated with any MSP file.
PROJECT_ MANAGER	NULLABLE	NUMBER	This column is never used

Column Name	Null?	Data Type	Description
START_DATE_PERIOD	NULLABLE	NUMBER	Provides start period of the project. It is a foreign key reference to fiscal_period_id of PPM_FISCAL_PERIODS table
FINISH_DATE_PERIOD	NULLABLE	NUMBER	Provides end period of the project. It is a foreign key reference to fiscal_period_id of PPM_FISCAL_PERIODS table
REGION_ID	NULLABLE	NUMBER	Provides region information for this project. It is a foreign key reference to region_id of knta_regions table
PROJECT_TYPE_ID	NULLABLE	NUMBER	Provides project type information for the project. It is a foreign key reference to project_type_id of pm_project_types table.
PFM_REQUEST_ID	NULLABLE	NUMBER	Stores the request information associated with each project entity. It is a foreign key reference to request_id of knta_requests table.
DISPLAY_STATUS	NULLABLE	VARCHAR2(255)	This is the status end user sees from the application. Which can be different from the internal status which is stored in the STATUS column.
STATUS	NULLABLE	NUMBER	Provides the project internal status, which must not be visible to the end user and is used internally to keep in sync with the associated request's internal status.
PROJECT_ACCESS_ID	NULLABLE	NUMBER	Provides project access control information. It references security_entity_id of itg_securable_entities table.

Column Name	Null?	Data Type	Description
PROJECT_ COST_ACCESS_ ID	NULLABLE	NUMBER	Provides project cost access control information. It references security_entity_id of itg_securable_entities table.
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated

Indexes

Index Name	Index Type	Sequence	Column Name
FKF131A87C24F76528_I	NONUNIQUE	1	PROJECT_COST_ ACCESS_ID
FKF131A87C304FDB17_I	NONUNIQUE	1	PROJECT_ACCESS_ID
FKF131A87C505BB933_I	NONUNIQUE	1	REGION_ID
FKF131A87C71368172_I	NONUNIQUE	1	PROJECT_MANAGER
FKF131A87C802E73E_I	NONUNIQUE	1	FINISH_DATE_PERIOD
FKF131A87C88B8FB3A_I	NONUNIQUE	1	PROJECT_TYPE_ID
FKF131A87CA35BE08D_I	NONUNIQUE	1	START_DATE_PERIOD
PM_PROJECTS_FI1	NONUNIQUE	1	SYS_NC00021$
PM_PROJECTS_N1	NONUNIQUE	1	PFM_REQUEST_ID
PM_PROJECTS_N2	NONUNIQUE	1	ASSOCIATED_MSP_ PROJECT
SYS_C005200282	UNIQUE	1	ROLLUP_ID
SYS_C005200283	UNIQUE	1	PROJECT_NAME
SYS_C005201555	UNIQUE	1	PROJECT_ID

Sequences

Sequence Name	Sequence Type
PM_PROJECTS_S	PROJECT_ID

PM_SYNCHED_FIELDS

This table stores the MSP fields that needs to be synchronized with PPM Center.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PM_PROJECT_TYPES	PROJECT_TYPE_ID	PROJECT_TYPE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
PROJECT_TYPE_ID	NOT NULL	NUMBER	A foreign key reference to project_type_id of PM_ PROJECT_TYPES table.
IS_SYNCHED_FLAG	NULLABLE	VARCHAR2(1)	Indicates whether the MSP field needs to be synchronized
FIELD_TYPE	NOT NULL	NUMBER	Index within the list of fields

Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C005201560	UNIQUE	1	PROJECT_TYPE_ID
SYS_C005201560	UNIQUE	2	FIELD_TYPE

Sequences

This table uses no sequences.

PM_TASK_NOTIFICATION_SETUPS

This table stores the notification definitions for tasks.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	CREATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
TASK_ NOTIFICATION_ SETUP_ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column must not be updated manually
NOTIFY_IF_LATE_ FLAG	NULLABLE	VARCHAR2(1)	Indicates that a notification should be sent when a task is running late. This column represents a boolean value. The value 'Y' is used for true and 'N' is used for false.
NOTIFY_IF_LATE_ BY_DAYS	NULLABLE	NUMBER	Indicates the threshold in days. When the time exceeds this threshold then a notification will be sent.
NOTIFY_IF_LATE_ FREQ	NULLABLE	NUMBER	Indicates the frequency with which a notification should be sent as long as the condition for the task running late is met. Currently 3 values are supported: 1 - The notification will be sent once 2 - The notification will be sent daily 3 - The notification will be sent weekly

Column Name	Null?	Data Type	Description
NOTIFY_ON_ EXCEPTION_ FLAG	NULLABLE	VARCHAR2(1)	Indicates that a notification should be sent when a task has exceptions. This column represents a boolean value. The value 'Y' is used for true and 'N' is used for false.
NOTIFY_ON_ MILESTONE_ FLAG	NULLABLE	VARCHAR2(1)	Indicates that a notification should be sent when the milestone is complete. This flag makes sense only for tasks that are milestones.
NOTIFY_RSC_ BEFORE_START_ FLAG	NULLABLE	VARCHAR2(1)	Indicates that a notification be sent to the resources assigned to the task. This notification will be sent just before a task is about to start.
NOTIFY_RSC_ DAYS_BEFORE_ START	NULLABLE	NUMBER	Indicates the threshold in days. If the time is equal to or less than this threshold then the notification is triggered.
NOTIFY_RSC_IF_ LATE_FLAG	NULLABLE	VARCHAR2(1)	Indicates that a notification should be sent when a task is running late. This notification will be sent to the resources assigned to that task.
NOTIFY_RSC_IF_ LATE_FREQ	NULLABLE	NUMBER	Indicates the frequency with which a notification should be sent as long as the condition for the task running late is met. Currently 3 values are supported: 1 - The notification will be sent once 2 - The notification will be sent daily 3 - The notification will be sent weekly
SOURCE	NULLABLE	VARCHAR2(255)	Specifies the source of the information. This information is not validated during an import. For example the name of the third part application.

Column Name	Null?	Data Type	Description
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(255)	Specifies the type of external update. This should be a specific interface or migrator name.
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated

Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C005201561	UNIQUE	1	TASK_NOTIFICATION_SETUP_ID

Sequences

Sequence Name	Sequence Type
PM_TASK_NOTIFICATION_SETUPS_S	TASK_NOTIFICATION_SETUP_ID

PM_TASK_NS_EXCEPTION_GROUPS

This table stores the recipients for the task has exception notification. The recipients are a list of security groups.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PM_TASK_ NOTIFICATION_SETUPS	TASK_NOTIFICATION_ SETUP_ID	TASK_NOTIFICATION_ SETUP_ID
KNTA_SECURITY_ GROUPS_NLS	SECURITY_GROUP_ID	NOTIFY_ON_EXCP_SGS

Column Descriptions

Column Name	Null?	Data Type	Description
TASK_NOTIFICATION_ SETUP_ID	NOT NULL	NUMBER	System-generated identifier
NOTIFY_ON_EXCP_ SGS	NOT NULL	NUMBER	Identifies the security group. This column is a foreign key to the KNTA_ SECURITY_GROUPS table
SEQ	NOT NULL	NUMBER	Specifies the ordering within the list

Indexes

Index Name	Index Type	Sequence	Column Name
FK56B4F146729B8029_I	NONUNIQUE	1	NOTIFY_ON_EXCP_ SGS
SYS_C005201562	UNIQUE	1	TASK_NOTIFICATION_ SETUP_ID
SYS_C005201562	UNIQUE	2	SEQ

Sequences

This table uses no sequences.

PM_TASK_NS_EXCEPTION_RSCS

This table stores the recipients for the "task has exception" notification.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	NOTIFY_ON_EXCP_ RESOURCES
PM_TASK_ NOTIFICATION_SETUPS	TASK_NOTIFICATION_ SETUP_ID	TASK_NOTIFICATION_ SETUP_ID

Column Descriptions

Column Name	Null?	Data Type	Description
TASK_NOTIFICATION_ SETUP_ID	NOT NULL	NUMBER	System-generated identifier
NOTIFY_ON_EXCP_ RESOURCES	NOT NULL	NUMBER	Identifies the user ID of the recipient. This is a foreign key to the KNTA_ USERS table
SEQ	NOT NULL	NUMBER	Specifies the ordering within the list of users

Indexes

Index Name	Index Type	Sequence	Column Name
FKAE0FDA634B3DC8DB_I	NONUNIQUE	1	NOTIFY_ON_EXCP_ RESOURCES
SYS_C005201563	UNIQUE	1	TASK_ NOTIFICATION_ SETUP_ID
SYS_C005201563	UNIQUE	2	SEQ

Sequences

This table uses no sequences.

PM_TASK_NS_EXCP_PARTICIPANTS

This table stores the recipients for the "task has exception" notification. The recipients are the members of the chosen participant group(s).

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PM_TASK_ NOTIFICATION_SETUPS	TASK_NOTIFICATION_ SETUP_ID	TASK_NOTIFICATION_ SETUP_ID

Column Descriptions

Column Name	Null?	Data Type	Description
TASK_ NOTIFICATION_ SETUP_ID	NOT NULL	NUMBER	System-generated identifier
NOTIFY_IF_LATE_ PARTICIPANTS	NULLABLE	NUMBER	Indicates the participant group. The value is an integer and represents the following: 1 - Stakeholders 2 - Project Managers 4 - Summary Task owners
SEQ	NOT NULL	NUMBER	Specifies the ordering within the list of participants

Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C005201564	UNIQUE	1	TASK_NOTIFICATION_ SETUP_ID
SYS_C005201564	UNIQUE	2	SEQ

Sequences

This table uses no sequences.

PM_TASK_NS_LATE_GROUPS

This table stores the recipients for the "task running late" notification. The recipients are a list of security groups.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_SECURITY_GROUPS_NLS	SECURITY_GROUP_ID	SECURITY_GROUP_ID
PM_TASK_NOTIFICATION_SETUPS	TASK_NOTIFICATION_SETUP_ID	TASK_NOTIFICATION_SETUP_ID

Column Descriptions

Column Name	Null?	Data Type	Description
TASK_NOTIFICATION_SETUP_ID	NOT NULL	NUMBER	System-generated identifier
SECURITY_GROUP_ID	NOT NULL	NUMBER	Identifies the security group. This column is a foreign key to the KNTA_SECURITY_GROUPS table
SEQ	NOT NULL	NUMBER	Specifies the ordering within the list

Indexes

Index Name	Index Type	Sequence	Column Name
FKA5C9A2CBFE01C679_I	NONUNIQUE	1	SECURITY_GROUP_ID
SYS_C005201565	UNIQUE	1	TASK_NOTIFICATION_SETUP_ID
SYS_C005201565	UNIQUE	2	SEQ

Sequences

This table uses no sequences.

PM_TASK_NS_LATE_PARTICIPANTS

This table stores the recipients for the "task running late" notification. The recipients are the members of the chosen participant group(s).

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PM_TASK_ NOTIFICATION_SETUPS	TASK_NOTIFICATION_ SETUP_ID	TASK_NOTIFICATION_ SETUP_ID

Column Descriptions

Column Name	Null?	Data Type	Description
TASK_NOTIFICATION_ SETUP_ID	NOT NULL	NUMBER	System-generated identifier
NOTIFY_IF_LATE_ PARTICIPANTS	NULLABLE	NUMBER	Indicates the participant group. The value is an integer and represents the following: 1 - Stakeholders 2 - Project Managers 4 - Summary Task owners
SEQ	NOT NULL	NUMBER	Specifies the ordering within the list of participants

Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C005201566	UNIQUE	1	TASK_NOTIFICATION_ SETUP_ID
SYS_C005201566	UNIQUE	2	SEQ

Sequences

This table uses no sequences.

PM_TASK_NS_LATE_RSCS

This table stores the recipients for the "task running late" notification.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	RESOURCE_USER_ID
PM_TASK_ NOTIFICATION_SETUPS	TASK_NOTIFICATION_ SETUP_ID	TASK_NOTIFICATION_ SETUP_ID

Column Descriptions

Column Name	Null?	Data Type	Description
TASK_NOTIFICATION_ SETUP_ID	NOT NULL	NUMBER	System-generated identifier
RESOURCE_USER_ID	NOT NULL	NUMBER	Identifies the user ID of the recipient. This is a foreign key to the KNTA_USERS table
SEQ	NOT NULL	NUMBER	Specifies the ordering within the list of users

Indexes

Index Name	Index Type	Sequence	Column Name
FK933D2928E34A13C9_I	NONUNIQUE	1	RESOURCE_ USER_ID
SYS_C005201567	UNIQUE	1	TASK_ NOTIFICATION_ SETUP_ID
SYS_C005201567	UNIQUE	2	SEQ

Sequences

This table uses no sequences.

PM_TASK_NS_MILESTONE_GROUPS

This table stores the recipients for the "milestone is complete" notification. The recipients are a list of security groups.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_SECURITY_ GROUPS_NLS	SECURITY_GROUP_ID	NOTIFY_ON_MS_SGS
PM_TASK_ NOTIFICATION_SETUPS	TASK_NOTIFICATION_ SETUP_ID	TASK_NOTIFICATION_ SETUP_ID

Column Descriptions

Column Name	Null?	Data Type	Description
TASK_NOTIFICATION_ SETUP_ID	NOT NULL	NUMBER	System-generated identifier
NOTIFY_ON_MS_SGS	NOT NULL	NUMBER	Identifies the security group. This column is a foreign key to the KNTA_ SECURITY_GROUPS table
SEQ	NOT NULL	NUMBER	Specifies the ordering within the list

Indexes

Index Name	Index Type	Sequence	Column Name
FKA5D35105CE5C54EF_I	NONUNIQUE	1	NOTIFY_ON_MS_SGS
SYS_C005201568	UNIQUE	1	TASK_ NOTIFICATION_ SETUP_ID
SYS_C005201568	UNIQUE	2	SEQ

Sequences

This table uses no sequences.

PM_TASK_NS_MILESTONE_RSCS

This table stores the recipients for the "milestone is complete" notification.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	NOTIFY_ON_MS_ RESOURCES
PM_TASK_ NOTIFICATION_SETUPS	TASK_NOTIFICATION_ SETUP_ID	TASK_NOTIFICATION_ SETUP_ID

Column Descriptions

Column Name	Null?	Data Type	Description
TASK_ NOTIFICATION_ SETUP_ID	NOT NULL	NUMBER	System-generated identifier
NOTIFY_ON_MS_ RESOURCES	NOT NULL	NUMBER	Identifies the user ID of the recipient. This is a foreign key to the KNTA_ USERS table
SEQ	NOT NULL	NUMBER	Specifies the ordering within the list of users

Indexes

Index Name	Index Type	Sequence	Column Name
FK10711DE26A217121_I	NONUNIQUE	1	NOTIFY_ON_MS_ RESOURCES
SYS_C005201569S	UNIQUE	1	TASK_NOTIFICATION_ SETUP_ID
SYS_C005201569	UNIQUE	2	SEQ

Sequences

This table uses no sequences.

PM_TASK_NS_MS_PARTICIPANTS

This table stores the recipients for the "milestone is complete" notification. The recipients are the members of the chosen participant group(s).

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PM_TASK_ NOTIFICATION_SETUPS	TASK_NOTIFICATION_ SETUP_ID	TASK_NOTIFICATION_ SETUP_ID

Column Descriptions

Column Name	Null?	Data Type	Description
TASK_NOTIFICATION_ SETUP_ID	NOT NULL	NUMBER	System-generated identifier
NOTIFY_IF_LATE_ PARTICIPANTS	NULLABLE	NUMBER	Indicates the participant group. The value is an integer and represents the following: 1 - Stakeholders 2 - Project Managers 4 - Summary Task owners
SEQ	NOT NULL	NUMBER	Specifies the ordering within the list of participants

Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C005201570	UNIQUE	1	TASK_NOTIFICATION_ SETUP_ID
SYS_C005201570	UNIQUE	2	SEQ

Sequences

This table uses no sequences.

PM_WORK_PLANS

This table stores PPM work plan entities.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
PM_WORK_PLANS	WORK_PLAN_ID	MASTER_WORK_ PLAN_ID
KNTA_USERS	USER_ID	OWNER_USER_ID
PM_PROJECTS	PROJECT_ID	PROJECT_ID
WP_TASKS	TASK_ID	ROOT_TASK_ID
PM_WORKPLAN_ TEMPLATES	WORKPLAN_ TEMPLATE_ID	WORK_PLAN_ TEMPLATE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
WORK_PLAN_ID	NOT NULL	NUMBER	System-generated identifier
ENTITY_TYPE	NOT NULL	VARCHAR2(255)	Stores the entity type for the entity. For example, it may put "WORK_PLAN" for work plan entity and "BASE_LINE" for baseline entity.
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column must not be updated manually
MASTER_WORK_ PLAN_ID	NULLABLE	NUMBER	Stores the current baseline ID if the entity is a baseline.
WORK_PLAN_ TEMPLATE_ID	NULLABLE	NUMBER	Stores work plan template ID used to create this work plan. It will be null if it is not created from the work plan template.
WORK_PLAN_ NAME	NULLABLE	VARCHAR2(300)	Name of the work plan
OWNER_USER_ ID	NULLABLE	NUMBER	Currently not used

Column Name	Null?	Data Type	Description
DESCRIPTION	NULLABLE	VARCHAR2(650)	Description of the work plan
IS_ACTIVE_FLAG	NULLABLE	VARCHAR2(1)	Indicates whether the current work plan is active or not
OBSOLETE_ FLAG	NULLABLE	VARCHAR2(1)	Indicates whether the current work plan is obsolete or not
PROJECT_ID	NULLABLE	NUMBER	Project ID to which the entity belongs to. It references the Project_id of table pm_ projects.
WORK_PLAN_ SEQ	NULLABLE	NUMBER	Stores the sequence of the work plan entity. Currently is always set to 0.
IS_COPY_FLAG	NULLABLE	VARCHAR2(1)	Indicates whether this entity is a copy of another work plan entity
ROOT_TASK_ID	NULLABLE	NUMBER	Root task of the current work plan. It references task_id of wp_tasks table
COST_ CONTOUR_ID	NULLABLE	NUMBER	Stores cost calendar information. It is a foreign key reference to the calendar_id of itg_calendar table
LOCK_REASON	NULLABLE	VARCHAR2(255)	Indicates why the current entity is locked
LOCK_TIMEOUT	NULLABLE	DATE	Indicates the time out period the current lock is effective on the entity.
UNLOCK_TIME	NULLABLE	DATE	Currently not used
SOURCE	NULLABLE	VARCHAR2(255)	Currently not used
SOURCE_TYPE_ CODE	NULLABLE	VARCHAR2(255)	Currently not used
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created

Column Name	Null?	Data Type	Description
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
BASELINE_TYPE	NULLABLE	NUMBER	Used by baseline only. Indicates the baseline type.

Indexes

Index Name	Index Type	Sequence	Column Name
FKBF9E4B3EB1FFCD6E_I	NONUNIQUE	1	OWNER_USER_ID
FKBF9E4B3EF978A454_I	NONUNIQUE	1	COST_CONTOUR_ID
PM_WORK_PLANS_N1	NONUNIQUE	1	ROOT_TASK_ID
PM_WORK_PLANS_N2	NONUNIQUE	1	PROJECT_ID
PM_WORK_PLANS_N3	NONUNIQUE	1	MASTER_WORK_PLAN_ID
PM_WORK_PLANS_N4	NONUNIQUE	1	WORK_PLAN_NAME
SYS_C005201572	UNIQUE	1	WORK_PLAN_ID

Sequences

Sequence Name	Sequence Type
PM_WORK_PLANS_S	WORK_PLAN_ID

PM_WORKPLAN_TEMPLATES

This table stores work plan template entity information.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
ITG_SECURABLE_ ENTITIES	SECURABLE_ENTITY_ID	TEMPLATE_ACCESS_ SECURABLE_ID
ITG_SECURABLE_ ENTITIES	SECURABLE_ENTITY_ID	TEMPLATE_USAGE_ SECURABLE_ID
PM_WORK_PLANS	WORK_PLAN_ID	WORK_PLAN_ID

Column Descriptions

Column Name	Null?	Data Type	Description
WORKPLAN_ TEMPLATE_ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column must not be updated manually
WORKPLAN_ TEMPLATE_ NAME	NULLABLE	VARCHAR2(255)	Name of the work plan template
IS_ENABLED_ FLAG	NULLABLE	VARCHAR2(1)	Flag to indicate whether the work plan template is enabled
DESCRIPTION	NULLABLE	VARCHAR2(255)	Description of work plan template
WORK_PLAN_ID	NULLABLE	NUMBER	Work plan ID for this template. This is a foreign key reference to work_plan_ id of pm_work_plans table.
TEMPLATE_ ACCESS_ SECURABLE_ID	NULLABLE	NUMBER	Stores template access information. It references securable_entity_id of the itg_securable_entities table.

Column Name	Null?	Data Type	Description
TEMPLATE_ USAGE_ SECURABLE_ID	NULLABLE	NUMBER	Stores template usage information. It references securable_entity_id of the itg_securable_entities table.
SOURCE	NULLABLE	VARCHAR2(255)	Currently not used
SOURCE_TYPE_ CODE	NULLABLE	VARCHAR2(255)	Currently not used
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated

Indexes

Index Name	Index Type	Sequence	Column Name
FK4272B4761EC4DBD6_I	NONUNIQUE	1	TEMPLATE_ACCESS_ SECURABLE_ID
FK4272B476DDE96832_I	NONUNIQUE	1	TEMPLATE_USAGE_ SECURABLE_ID
SYS_C005200345	UNIQUE	1	WORKPLAN_ TEMPLATE_NAME
SYS_C005200346	UNIQUE	1	WORK_PLAN_ID
SYS_C005201571	UNIQUE	1	WORKPLAN_ TEMPLATE_ID

Sequences

Sequence Name	Sequence Type
PM_WORKPLAN_ TEMPLATES_S	WORKPLAN_ TEMPLATE_ID

PM_WP_TEMPLATE_OWNERS

This table stores work plan template owners information.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	MANAGER_USER_ID	MANAGER_USER_ID
PM_WORKPLAN_ TEMPLATES	WORKPLAN_ TEMPLATE_ID	WP_TEMPLATE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
WP_TEMPLATE_ID	NOT NULL	NUMBER	Stores work plan template ID It references the workplan_ template_id of pm_workplan_ templates table.
MANAGER_USER_ ID	NOT NULL	NUMBER	Stores work plan template owner's user ID It is a foreign key reference to manager_ user_id of knta_users table.

Indexes

Index Name	Index Type	Sequence	Column Name
FK8481FFA1DF6D5068_I	NONUNIQUE	1	MANAGER_USER_ID
SYS_C005201573	UNIQUE	1	WP_TEMPLATE_ID
SYS_C005201573	UNIQUE	2	MANAGER_USER_ID

Sequences

This table uses no sequences.

PPM_EMAIL_CONTEXT_INFO

This table stores the context information for the email notification sent to the user which has been configured for Mobility Access. The PPM background service for Mobility Access uses this information to process it and complete the user selected action.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_ENTITIES_NLS	ENTITY_ID	ENTITY_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_PENDING_ EXCEPTIONS	SOURCE_ID	SOURCE_ID
KWFL_VERIFICATION_TEMP	WORKFLOW_ID	WORKFLOW_ID
KWFL_WORKFLOWS_NLS	WORKFLOW_ID	WORKFLOW_ID
KCRT_RBU_TEMP_STEP_IDS	WORKFLOW_STEP_ID	WORKFLOW_STEP_ID
KWFL_WORKFLOW_STEPS_ NLS	WORKFLOW_STEP_ID	WORKFLOW_STEP_ID

Column Descriptions

Column Name	Null?	Data Type	Description
CONTEXT_ INFO_ID	NOT NULL	NUMBER	System-generated identifier
UUID	NOT NULL	VARCHAR2(100)	Universally unique identifier used to match the email and the email address to which the notification was sent.
CREATION_ DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_ UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record

Column Name	Null?	Data Type	Description
ENTITY_ID	NOT NULL	NUMBER	Identifier used to distinguish between PPM Requests and PPM Packages. For Package, it will be 1 and for Request it will be 20.
SOURCE_ID	NOT NULL	NUMBER	Request ID of the PPM Request for which the notification was sent of the ENTITY_ID is 20. Else Package Line ID of the PPM Package Line for which the notification was sent if the ENTITY_ID is 1.
SOURCE_SET_ ID	NOT NULL	NUMBER	Request ID of the PPM Request for which the notification was sent of the ENTITY_ID is 20. Else Package ID of the PPM Package Line for which the notification was sent if the ENTITY_ID is 1.
WORKFLOW_ID	NOT NULL	NUMBER	Workflow ID of the workflow step for which the Mobility Access notification was configured and sent.
WORKFLOW_ STEP_ID	NOT NULL	NUMBER	Workflow step ID of the workflow step for which the Mobility Access notification was configured and sent.
EMAIL_ ADDRESS	NOT NULL	VARCHAR2(80)	Email address to which the notification was sent.
DISPLAY_ LANGUAGE	NOT NULL	VARCHAR2(10)	Display Language Code used for creating the notification content.
COUNTRY_ CODE	NULLABLE	VARCHAR2(10)	Country Code used for creating the notification content.

Column Name	Null?	Data Type	Description
LANGUAGE_ FORMAT_CODE	NOT NULL	VARCHAR2(10)	Language format code used for formatting the notification content
REGION_ FORMAT_CODE	NULLABLE	VARCHAR2(10)	Region format code used for formatting the notification content

Indexes

Index Name	Index Type	Sequence	Column Name
PPM_EMAIL_CONTEXT_ INFO_U1	UNIQUE	1	CONTEXT_INFO_ID
PPM_EMAIL_CONTEXT_ INFO_U2	UNIQUE	1	UUID

Sequences

Sequence Name	Sequence Type
PPM_EMAIL_CONTEXT_INFO_S	CONTEXT_INFO_ID

PPM_EMAIL_PROCESSED_MSGS

This table is used to store the contents of the email message responses sent by the users for the Mobility Access notifications they receive and also the feedback Emails generated by the system after performing the user selected action.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
EMAIL_ MESSAGE_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
EMAIL_ ACCOUNT	NOT NULL	VARCHAR2(100)	Account name of the account configured for the Mobility Access Service
TYPE_CODE	NOT NULL	VARCHAR2(30)	column to distinguish if the row is for the response email from the user or feedback email generated by the system. Valid values are: INBOUND_ACTION_ RESPONSE or OUTBOUND_FEEDBACK.
FROM_EMAIL_ ADDRESS	NOT NULL	VARCHAR2(500)	From email address as set in the response email received or in the feedback email sent to the user

Column Name	Null?	Data Type	Description
REPLY_TO_ EMAIL_ADDRESS	NULLABLE	VARCHAR2(4000)	Reply to email address as set in the response email received or in the feedback email sent to the user.
TO_EMAIL_ ADDRESSES	NULLABLE	VARCHAR2(4000)	To email addresses as set in the response email received or in the feedback email sent to the user.
CC_EMAIL_ ADDRESSES	NULLABLE	VARCHAR2(4000)	CC email addresses as set in the response email received. Relevant only for response email received from user.
BCC_EMAIL_ ADDRESSES	NULLABLE	VARCHAR2(4000)	BCC email addresses as set in the response email received. Relevant only for response email received from user.
SUBJECT	NULLABLE	VARCHAR2(4000)	Subject as set in the response email received or in the feedback email sent to the user.
REFERENCE_ID	NULLABLE	NUMBER	For future enhancements. Not being currently used.
CONTENT_TYPE	NULLABLE	VARCHAR2(200)	Content type as set in the response email received or in the feedback email sent to the user.
SENT_DATE	NULLABLE	DATE	Sent date on the response email received or in the feedback email sent to the user.
PROCESSED_ FLAG	NULLABLE	VARCHAR2(1)	Flag to identify if this row has been processed by the Mobility Access Service. Relevant only for response email received from user.

Column Name	Null?	Data Type	Description
HEADERS	NULLABLE	CLOB	Email headers as set in the response email received or in the feedback email sent to the user.
MESSAGE	NULLABLE	CLOB	Email message as set in the response email received or in the feedback email sent to the user.
ADDED_TO_ SERVICE_ QUEUE	NULLABLE	VARCHAR2(10)	Denotes whether the message was added to the queue to be processed. Used mainly for service failover scenarios.

Indexes

Index Name	Index Type	Sequence	Column Name
PPM_EMAIL_PROCESSED_ MSGS_U1	UNIQUE	1	EMAIL_ MESSAGE_ID

Sequences

Sequence Name	Sequence Type
PPM_EMAIL_PROCESSED_ MSGS_S	EMAIL_ MESSAGE_ID

PPM_EXCEPTIONS

This table stores the exceptions thrown by the PPM server. By default the past two weeks of exceptions are stored and older exceptions are automatically deleted.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_SERVICES_NLS	SERVICE_ID	SERVICE_ID
PPM_SERVICE_RECORDS	SERVICE_RECORD_ID	SERVICE_RECORD_ID
PPM_STACK_TRACE	STACK_TRACE_ID	STACK_TRACE_ID
KNTA_USERS	USER_ID	USER_ID

Column Descriptions

Column Name	Null?	Data Type	Description
EXCEPTION_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user that created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user that last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column should not be updated manually
NAME	NOT NULL	VARCHAR2(128)	This is usually the java class name of the exception
EXCEPTION_TYPE	NOT NULL	VARCHAR2(128)	The type of the exception depending on where it was generated, for example: web, report, execution log or service

Column Name	Null?	Data Type	Description
REASON	NULLABLE	VARCHAR2(4000)	The reason for the exception
RANDOM_GUID	NULLABLE	VARCHAR2(128)	The GUID associated with the exception, useful in searching for a particular exception. Not all exceptions have a GUID.
NODE_NAME	NOT NULL	VARCHAR2(128)	The PPM node in which the exception occurred.
URL	NULLABLE	VARCHAR2(4000)	The URL for a web exception
USER_ID	NULLABLE	NUMBER	The user that encountered/ caused the exception
SERVICE_ID	NULLABLE	NUMBER	The background service id. This field is only relevant for a service exception.
SERVICE_ RECORD_ID	NULLABLE	NUMBER	The service run in which the exception occurred. This field is only relevant for a service exception.
STACK_TRACE_ID	NOT NULL	NUMBER	The stack trace associated with the exception.

Indexes

Index Name	Index Type	Sequence	Column Name
PPM_EXCEPTIONS_N1	NONUNIQUE	1	USER_ID
PPM_EXCEPTIONS_PK	UNIQUE	1	EXCEPTION_ID

Sequences

Sequence Name	Sequence Type
PPM_EXCEPTIONS_S	EXCEPTION_ID

PPM_FISCAL_PERIODS

This table stores the list of weekly, monthly, quarterly, half-yearly and yearly fiscal periods.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	CREATED_BY
PPM_FISCAL_ PERIODS_NLS	FISCAL_PERIOD_ID	PARENT_PERIOD_ID

Column Descriptions

Column Name	Null?	Data Type	Description
FISCAL_ PERIOD_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
DEFINITION_ LANGUAGE	NOT NULL	VARCHAR2(255)	Language definition for MLU
PERIOD_TYPE	NOT NULL	NUMBER	Numeric value to identify the type of fiscal period (4=MONTH, 5=QUARTER, 6=YEAR, 7=HALF_YEAR, 8=WEEK)
PARENT_ PERIOD_ID	NULLABLE	NUMBER	Identifies this fiscal period's parent period.
START_DATE	NOT NULL	DATE	Date on which the fiscal period starts (inclusive)
END_DATE	NOT NULL	DATE	Date on which the fiscal period ends (inclusive)

Column Name	Null?	Data Type	Description
LONG_NAME	NOT NULL	VARCHAR2(100)	Name for the defined fiscal period
SHORT_NAME	NOT NULL	VARCHAR2(50)	Abbreviated name for the defined fiscal period
CHILD_PERIOD_SEQ	NULLABLE	NUMBER	Chronological order of the fiscal period within its parent period
SEQ	NOT NULL	NUMBER	Chronological order of the fiscal period within the period type

Indexes

Index Name	Index Type	Sequence	Column Name
PPM_FISCAL_PERIODS_NLS_N1	NONUNIQUE	1	PARENT_PERIOD_ID
PPM_FISCAL_PERIODS_NLS_PK	UNIQUE	1	FISCAL_PERIOD_ID
PPM_FISCAL_PERIODS_NLS_U1	NONUNIQUE	1	START_DATE
PPM_FISCAL_PERIODS_NLS_U1	NONUNIQUE	2	END_DATE
PPM_FISCAL_PERIODS_NLS_U1	NONUNIQUE	3	PERIOD_TYPE
PPM_FISCAL_PERIODS_NLS_U2	NONUNIQUE	1	PERIOD_TYPE
PPM_FISCAL_PERIODS_NLS_U2	NONUNIQUE	2	SEQ

Sequences

Sequence Name	Sequence Type
PPM_FISCAL_PERIODS_NLS_S	FISCAL_PERIOD_ID

PPM_INT_CONFIGURATIONS

This table stores configurations for a solution.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
CONFIGURATION_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
VERSION	NOT NULL	NUMBER	System field for persistent layer, this field has nothing to do with the business

Column Name	Null?	Data Type	Description
SOLUTION_ID	NULLABLE	NUMBER	ID of the solution. One solution could have many configurations, differenciated by the configuration key. For example, the solution for PPM Center/Quality Center integration uses the request type ID as the key.
CONFIGURATION_KEY	NULLABLE	VARCHAR2(100)	Configuration specific identity for filter configuration
CONFIGURATION	NULLABLE	CLOB	Content of the configuration. In current design, it is expected to be a JSON string, which meets the definition in the configuration template of the solution, if it is present.

Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C00520189	UNIQUE	1	CONFIGURATION_ID

Sequences

Sequence Name	Sequence Type
PPM_INT_CONFIGURATIONS_S	CONFIGURATION_ID

PPM_INT_EVENTS

This table stores the events of the integration. These events will be notified to system administrators through email by the backend service if the notification is enabled.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
EVENT_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
VERSION	NOT NULL	NUMBER	System field for persistent layer, this field has nothing to do with the business
SOLUTION_ID	NOT NULL	NUMBER	ID of the solution
CONFIGURATION_KEY	NULLABLE	VARCHAR2(400)	Configuration specific identity for filter event
EVENT_TIME	NOT NULL	DATE	Time the event occurs
EVENT_SUBJECT	NULLABLE	VARCHAR2(512)	Subject of the event
EVENT	NULLABLE	VARCHAR2(4000)	Detail of the event. In case of error, it should contain the entity which has the error and the possible causes

Column Name	Null?	Data Type	Description
ERROR_FLAG	NOT NULL	VARCHAR2(1)	This flag field distinguishes between error events and normal events
NOTIFICATION_ STATUS	NOT NULL	VARCHAR2(32)	Status of the notification. This field may have values such as SENT, READY

Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C005201898	UNIQUE	1	EVENT_ID

Sequences

Sequence Name	Sequence Type
PPM_INT_EVENTS_S	EVENT_ID

PPM_INT_QC_CONTROL

This table stores the runtime controls for a request type which belongs to a specific QC integration.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
CONTROL_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
VERSION	NOT NULL	NUMBER	System field for persistent layer, this field has nothing to do with the business
PPM_REQUEST_TYPE_ID	NOT NULL	NUMBER	ID of the request type
PARAM_NAME	NOT NULL	VARCHAR2(200)	Parameter name
PARAM_VALUE	NULLABLE	VARCHAR2(2048)	Parameter value

Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C005201897	UNIQUE	1	CONTROL_ID

Sequences

Sequence Name	Sequence Type
PPM_INT_QC_CONTROL_S	CONTROL_ID

PPM_INT_QC_ENTITY_MAP

This table stores the mapping of PPM Center request and Quality Center entity.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
MAP_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
VERSION	NOT NULL	NUMBER	System field for persistent layer, this field has nothing to do with the business
PPM_REQUEST_TYPE_ID	NOT NULL	NUMBER	Request type ID of PPM Center
PPM_REQUEST_ID	NOT NULL	NUMBER	ID of the PPM Center request
PPM_LAST_UPDATE_TIME	NOT NULL	DATE	Last update time of PPM Center request. When the backend service is searching updated requests for a period of time, it will compare this field and the real update time of the request to determine whether this request is a candidate.

Column Name	Null?	Data Type	Description
PPM_LAST_ NOTE_TIME	NULLABLE	DATE	Last note time of PPM request. When the backend service is processing a updated request, it will compare this field and the time of the request's notes to determine which note is going to be synchronized to the Quality Center.
QC_ENTITY_ID	NOT NULL	NUMBER	ID of the Quality Center entity.
QC_LAST_ UPDATE_TIME	NOT NULL	DATE	Last time that the backend service successfully uses an updated Quality Center entity to update the corresponding request in PPM Center
RETRY_FLAG	NOT NULL	VARCHAR2(1)	This flag field is set to true while the update to PPM Center request lunched by a QC entity fail. Because the poll for the updated QC entities will go on without waiting even if the there is something wrong with some requests while the result of the last poll is processing. So, we need to set the retry flag for these failed entity maps and let the backend service to pick up them and retry the update.
RETRY_ON_ ERROR_TIMES	NOT NULL	NUMBER	This field accumulates the times that the backend service fail to process this map. This filed can be reset while the process on this map succeeds

Indexes

Index Name	Index Type	Sequence	Column Name
PPM_INT_QC_ ENTITY_MAP_N1	NONUNIQUE	1	PPM_REQUEST_ TYPE_ID
PPM_INT_QC_ ENTITY_MAP_N1	NONUNIQUE	2	PPM_REQUEST_ID
SYS_C005201896	UNIQUE	1	MAP_ID

Sequences

Sequence Name	Sequence Type
PPM_INT_QC_ENTITY_ MAP_S	MAP_ID

PPM_INT_SOLUTIONS

This table stores solutions from a top level.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
SOLUTION_ID	NOT NULL	NUMBER	Primary key
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
VERSION	NOT NULL	NUMBER	System field for persistent layer, this field has nothing to do with the business
NAME	NOT NULL	VARCHAR2(400)	Name of the solution. This field will be MLUed and translation provided in LOC table.
DESCRIPTION	NOT NULL	VARCHAR2(2048)	Description of the solution. This field will be MLUed
PPM_VERSIONS	NOT NULL	VARCHAR2(200)	Version or versions of PPM.
EXTERNAL_ SYSTEM_NAME	NOT NULL	VARCHAR2(200)	Name of external system
EXTERNAL_ SYSTEM_ VERSIONS	NOT NULL	VARCHAR2(200)	Version or versions of external system

Column Name	Null?	Data Type	Description
CONFIGURATION _TEMPLATE	NULLABLE	CLOB	Template for configuration. It is optional and plan to be used by the generic configuration module (to be implemented).
CONFIGURATION _CLASS_NAME	NULLABLE	VARCHAR2(512)	Name of the class who handle configuration
DEFINITION_ LANGUAGE	NOT NULL	VARCHAR2(40)	Language to define the configuration
REFERENCE_ CODE	NOT NULL	VARCHAR2(200)	Derive from name with underscore prefix (for seeded only).

Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C005200861	UNIQUE	1	REFERENCE_CODE
SYS_C005201893	UNIQUE	1	SOLUTION_ID

Sequences

This table uses no sequences.

PPM_MESSAGE_ITEM

This table stores information about notification messages.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PPM_NOTIFICATION_ DETAILS	NOTIF_DETAILS_ID	NOTIF_DETAILS_ID
KNTA_USERS	USER_ID	RECIPIENT_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	CREATED_BY
PPM_NOTIFICATION_ RULE_RESULTS	NOTIFICATION_ID	NOTIFICATION_ID

Column Descriptions

Column Name	Null?	Data Type	Description
ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update
NOTIFICATION_ ID	NULLABLE	NUMBER	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update
NOTIF_DETAILS_ ID	NULLABLE	NUMBER	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update

Column Name	Null?	Data Type	Description
RECIPIENT_ID	NULLABLE	NUMBER	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update
LAST_SENT_ TIME	NULLABLE	DATE	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated

Indexes

Index Name	Index Type	Sequence	Column Name
PPM_MESSAGE_ITEM_N1	NONUNIQUE	1	NOTIFICATION_ID
PPM_MESSAGE_ITEM_N2	NONUNIQUE	1	NOTIF_DETAILS_ID
PPM_MESSAGE_ITEM_N3	NONUNIQUE	1	RECIPIENT_ID
SYS_C005201621	UNIQUE	1	ID

Sequences

Sequence Name	Sequence Type
PPM_MESSAGE_ITEM_S	ID

PPM_MY_LINKS

This table stores the PPM pages a user has added to the My Links menu.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	USER_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	CREATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	System-generated version
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
DISPLAY_NAME	NOT NULL	VARCHAR2(200)	Label of the link
URL	NULLABLE	VARCHAR2(2048)	URL of the link
DESCRIPTION	NULLABLE	VARCHAR2(2000)	Description of the link
SEQ	NOT NULL	NUMBER	Sequence of the ordered link
USER_ID	NOT NULL	NUMBER	Identifier for the user who owns the link

Indexes

Index Name	Index Type	Sequence	Column Name
PPM_MY_LINKS_PK	UNIQUE	1	ID

Sequences

Sequence Name	Sequence Type
PPM_MY_LINKS_S	ID

PPM_NOTIFICATION_DETAILS

This table stores the details about a task notification.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
NOTIF_DETAILS_ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update
SOURCE_ID	NOT NULL	NUMBER	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update
SOURCE_ENTITY_ID	NOT NULL	NUMBER	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update

Column Name	Null?	Data Type	Description
PERIOD	NULLABLE	NUMBER	For the token evaluation engine. Contains the primary key of a table (see KNTA_ TOKEN). The reference to this table is used to resolve all the tokens from this context after update
DETAILS1-5	NULLABLE	VARCHAR2(1020)	For the token evaluation engine. Contains the primary key of a table (see KNTA_ TOKEN). The reference to this table is used to resolve all the tokens from this context after update
DETAILS6	NULLABLE	VARCHAR2(2000)	For the token evaluation engine. Contains the primary key of a table (see KNTA_ TOKEN). The reference to this table is used to resolve all the tokens from this context after update
DETAILS7-16	NULLABLE	VARCHAR2(1020)	For the token evaluation engine. Contains the primary key of a table (see KNTA_ TOKEN). The reference to this table is used to resolve all the tokens from this context after update
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
DETAILS1_TYPE	NULLABLE	VARCHAR2(255)	
DETAILS2_TYPE	NULLABLE	VARCHAR2(255)	
DETAILS3_TYPE	NULLABLE	VARCHAR2(255)	
DETAILS4_TYPE	NULLABLE	VARCHAR2(255)	

Column Name	Null?	Data Type	Description
DETAILS5_TYPE	NULLABLE	VARCHAR2(255)	
DETAILS6_TYPE	NULLABLE	VARCHAR2(255)	
DETAILS7_TYPE	NULLABLE	VARCHAR2(255)	
DETAILS8_TYPE	NULLABLE	VARCHAR2(255)	
DETAILS9_TYPE	NULLABLE	VARCHAR2(255)	
DETAILS10_ TYPE	NULLABLE	VARCHAR2(255)	
DETAILS11_ TYPE	NULLABLE	VARCHAR2(255)	
DETAILS12_ TYPE	NULLABLE	VARCHAR2(255)	
DETAILS13_ TYPE	NULLABLE	VARCHAR2(255)	
DETAILS14_ TYPE	NULLABLE	VARCHAR2(255)	
DETAILS15_ TYPE	NULLABLE	VARCHAR2(255)	
DETAILS16_ TYPE	NULLABLE	VARCHAR2(255)	

Indexes

Index Name	Index Type	Sequence	Column Name
PPM_NOTIFICATION_ DETAILS_N1	NONUNIQUE	1	SOURCE_ID
SYS_C005201623	UNIQUE	1	NOTIF_DETAILS_ID

Sequences

Sequence Name	Sequence Type
PPM_NOTIFICATION_ DETAILS_S	NOTIF_DETAILS_ID

PPM_NOTIFICATION_RULE_RESULTS

This table stores the results of a notification rule processing.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
PPM_NOTIFICATION_DETAILS	NOTIF_DETAILS_ID	NOTIF_DETAILS_ID

Column Descriptions

Column Name	Null?	Data Type	Description
NOTIFICATION_RULE_RESULT_ID	NOT NULL	NUMBER	System-generated identifier
HIB_CLASS	NOT NULL	VARCHAR2(255)	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update
VERSION	NOT NULL	NUMBER	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update
SOURCE_ID	NOT NULL	NUMBER	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update

Column Name	Null?	Data Type	Description
SOURCE_ ENTITY_ID	NOT NULL	NUMBER	For the token evaluation engine. Contains the primary key of a table (see KNTA_ TOKEN). The reference to this table is used to resolve all the tokens from this context after update
NAME	NULLABLE	VARCHAR2(255)	For the token evaluation engine. Contains the primary key of a table (see KNTA_ TOKEN). The reference to this table is used to resolve all the tokens from this context after update
SUB_TYPE	NULLABLE	VARCHAR2(255)	For the token evaluation engine. Contains the primary key of a table (see KNTA_ TOKEN). The reference to this table is used to resolve all the tokens from this context after update
TYPE	NULLABLE	VARCHAR2(255)	For the token evaluation engine. Contains the primary key of a table (see KNTA_ TOKEN). The reference to this table is used to resolve all the tokens from this context after update
DESCRIPTION	NULLABLE	VARCHAR2(255)	For the token evaluation engine. Contains the primary key of a table (see KNTA_ TOKEN). The reference to this table is used to resolve all the tokens from this context after update

Column Name	Null?	Data Type	Description
DETAILS	NULLABLE	VARCHAR2(255)	For the token evaluation engine. Contains the primary key of a table (see KNTA_ TOKEN). The reference to this table is used to resolve all the tokens from this context after update
NOTIF_DETAILS_ ID	NULLABLE	NUMBER	For the token evaluation engine. Contains the primary key of a table (see KNTA_ TOKEN). The reference to this table is used to resolve all the tokens from this context after update
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated

Indexes

Index Name	Index Type	Sequence	Column Name
PPM_NOTIF_RULE_ RESULTS_N1	NONUNIQUE	1	SOURCE_ID
SYS_C005200733	UNIQUE	1	NOTIF_DETAILS_ID
SYS_C005201624	UNIQUE	1	NOTIFICATION_ RULE_RESULT_ID

Sequences

This table uses no sequences.

PPM_RESOURCE_SECURITY

This table stores the security for the resources section, this is set up in the request type resources tab.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
RESOURCE_ SECURITY_ID	NULLABLE	NUMBER	System-generated identifier
SECURITY_TYPE	NULLABLE	VARCHAR2(200)	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update
USER_ID	NULLABLE	NUMBER	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update
SECURITY_ GROUP_ID	NULLABLE	NUMBER	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update

Column Name	Null?	Data Type	Description
RESOURCE_ SETTING_ID	NULLABLE	NUMBER	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update
TOKEN_TYPE_ CODE	NULLABLE	VARCHAR2(200)	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update
TOKEN	NULLABLE	VARCHAR2(200)	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update

Indexes

Index Name	Index Type	Sequence	Column Name
PPM_RESOURCE_ SECURITY_N1	NONUNIQUE	1	USER_ID

Sequences

Sequence Name	Sequence Type
PPM_RESOURCE_ SECURITY_S	RESOURCE_SECURITY_ID

PPM_RESOURCE_SETTINGS

This table stores the settings for the resources section of a request type, this is set up in the resources tab of a request type.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
RESOURCE_ SETTING_ID	NULLABLE	NUMBER	System-generated identifier
ENTITY_ID	NULLABLE	NUMBER	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update
ENTITY_ PRIMARY_KEY	NULLABLE	NUMBER	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update
TRACK_ ASSIGNMENT S	NULLABLE	VARCHAR2(10)	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update
TRACK_SE	NULLABLE	VARCHAR2(10)	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update

Column Name	Null?	Data Type	Description
TRACK_AE	NULLABLE	VARCHAR2(10)	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update
TRACK_AS_AF	NULLABLE	VARCHAR2(10)	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update
USE_TM	NULLABLE	VARCHAR2(10)	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update
TM_SETTING_ ASSGN_TO	NULLABLE	VARCHAR2(10)	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update
TM_SETTING_ ALL_RES_ON_ REQ	NULLABLE	VARCHAR2(10)	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update
TM_SETTING_ ASSGN_ GROUP	NULLABLE	VARCHAR2(10)	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update

Column Name	Null?	Data Type	Description
TM_SETTING_ALL_PARTSPNTS	NULLABLE	VARCHAR2(10)	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update
TM_SETTING_STAFF_PROF	NULLABLE	VARCHAR2(10)	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update
ASSIGN_TO_VAL_ID	NULLABLE	NUMBER	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update
ASSIGN_TO_VAL_NAME	NULLABLE	VARCHAR2(1000)	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update
TM_SEC_ALL_USERS	NULLABLE	VARCHAR2(10)	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update
TM_SETTING	NULLABLE	VARCHAR2(10)	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update
TM_SETTING_ACT_REQD	NULLABLE	VARCHAR2(10)	For the activity restriction feature for request types. Indicates whether an activity is required for a request work-items of this request type.

Column Name	Null?	Data Type	Description
TM_SETTING_ ALL_ACT	NULLABLE	VARCHAR2(10)	For the activity restriction feature for request types. Indicates whether all activities are valid or only a subset. (If subset see KCRT_REQ_TYPE_ACTIVITY_ LIST)
TM_SETTING_ DEFAULT_ACT	NULLABLE	NUMBER	For the activity restriction feature for request types.Contains activity ID of the default activity (if set).
TM_SETTING_ DEFAULT_ ACT_NAME	NULLABLE	VARCHAR2(255)	No longer used

Indexes

Index Name	Index Type	Sequence	Column Name
PPM_RESOURCE_ SETTINGS_N1	NONUNIQUE	1	ENTITY_ID
PPM_RESOURCE_ SETTINGS_N1	NONUNIQUE	2	ENTITY_PRIMARY_KEY

Sequences

Sequence Name	Sequence Type
PPM_RESOURCE_ SETTINGS_S	RESOURCE_SETTING_ID

PPM_SERVER_INSTANCE

This table stores the history of server restarts and registration of all nodes in the server cluster.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_STATUSES_NLS	STATUS_ID	STATUS_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	CREATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	
SERVER_NAME	NULLABLE	VARCHAR2(2000)	
STATUS_ID	NOT NULL	NUMBER	
START_TIME	NOT NULL	DATE	
END_TIME	NULLABLE	DATE	
URL_BASE	NULLABLE	VARCHAR2(2000)	
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
AVAILABLE_LIGHT_ LISTENERS	NULLABLE	NUMBER	
AVAILABLE_ HEAVY_LISTENERS	NULLABLE	NUMBER	

Indexes

Index Name	Index Type	Sequence	Column Name
PPM_SERVER_INSTANCE_N1	NONUNIQUE	1	SERVER_NAME
PPM_SERVER_INSTANCE_PK	UNIQUE	1	ID

Sequences

Sequence Name	Sequence Type
PPM_SERVER_INSTANCE_S	ID

PPM_SERVICE_JOB_STATUS

This table stores the states of the background services that are currently running or waiting to run.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
PPM_SERVER_ INSTANCE	ID	SERVER_INSTANCE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
JOB_STATUS_ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	Version of this entry
JOB_IDENTIFIER	NULLABLE	VARCHAR2(300)	JOB identifier
SERVICE_NAME	NULLABLE	VARCHAR2(300)	Service Name
STATUS	NOT NULL	NUMBER	Status
JOB_ID	NOT NULL	VARCHAR2(32)	Job Id
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
SERVICE_ REFERENCE_CODE	NULLABLE	VARCHAR2(200)	Service Reference
SERVER_INSTANCE_ ID	NULLABLE	NUMBER	Server instance identifier

Indexes

Index Name	Index Type	Sequence	Column Name
PPM_SERVICE_JOB_STATUS_N1	NONUNIQUE	1	JOB_STATUS_ID
PPM_SERVICE_JOB_UNIQUE	UNIQUE	1	JOB_IDENTIFIER
PPM_SERVICE_JOB_UNIQUE	UNIQUE	2	STATUS

Sequences

Sequence Name	Sequence Type
PPM_SERVICE_JOB_STATUS_S	JOB_STATUS_ID

PPM_SERVICE_RECORDS

This table stores information on each run of a background service. By default the last 50 runs are stored and older runs are automatically purged.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_SERVICES_NLS	SERVICE_ID	SERVICE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
SERVICE_ RECORD_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user that created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user that last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column should not be updated manually
SERVICE_ID	NULLABLE	NUMBER	The background service id
RUN_START_ DATE	NOT NULL	DATE	The start time of the run
RUN_FINISH_ DATE	NULLABLE	DATE	The end time of the run
NODE_NAME	NOT NULL	VARCHAR2(128)	The PPM node in which this run took place
STATUS	NULLABLE	VARCHAR2(4000)	Additional information about the run

Indexes

Index Name	Index Type	Sequence	Column Name
PPM_SERVICE_ RECORDS_PK	UNIQUE	1	SERVICE_ RECORD_ID

Sequences

Sequence Name	Sequence Type
PPM_SERVICE_ RECORDS_S	SERVICE_ RECORD_ID

PPM_STACK_TRACE

This table stores the stack trace of a java exception.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
STACK_TRACE_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user that created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user that last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
STACK_HASH	NOT NULL	VARCHAR2(32)	Defines hash of the trace to uniquely identify the stack trace
VALUE	NOT NULL	CLOB	Contains the java stack trace

Indexes

Index Name	Index Type	Sequence	Column Name
PPM_STACK_TRACE_N1	NONUNIQUE	1	STACK_HASH
PPM_STACK_TRACE_PK	UNIQUE	1	STACK_TRACE_ID

Sequences

Sequence Name	Sequence Type
PPM_STACK_TRACE_S	STACK_TRACE_ID

RPT_CALENDAR_DAYS

This table is a single column table that is populated with dates during etl load_ data. The dates are in the range of start boundary and end boundary for etl. This table is used during the full etl logic to improve the performance.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
ASSIGNMENT_ DATE	NULLABLE	DATE	Date field that falls between the start and the end boundaries of full etl.

Indexes

Index Name	Index Type	Sequence	Column Name
RPT_CALENDAR_ DAYS_UI	UNIQUE	1	ASSIGNMENT_ DATE

Sequences

This table uses no sequences.

RPT_CM_FACT_CNTL

This table is a single column table, that is used during the Common incremental etl which process the changes occurred in common dimensions. It stores the name of the table that currently is being processed for the changes occurred in PPM. Reading this table the switchable views builds the view to get data from the original PPM table or only the changes made on the PPM table via CDC table. When there is nothing to process, it is populated with a dummy number.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
CDC	NULLABLE	CHAR	Contains the table name that is currently being processed from the subscribed list of PPM tables for change capture.

Indexes

This table uses no indexes.

Sequences

This table uses no sequences.

RPT_DEPLOYMENT

This table holds deployment history. Each time user successfully upgrade, it adds an entry in this table.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
DEPLOYMENT_ID	NOT NULL	VARCHAR2(40)	Uniquely identify a deployment record
VERSION	NOT NULL	VARCHAR2(10)	Version of the product to be installed
DEPLOYED_DATE	NULLABLE	DATE	Date when upgrade is installed
DESCRIPTION	NULLABLE	VARCHAR2(80)	Brief description of the upgrade

Indexes

This table uses no indexes.

Sequences

This table uses no sequences.

RPT_DIM_BUSINESS_OBJ_MV

This is a materialized view representing the Business Objective dimension in the Star schema.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
BUSINESS_ OBJECTIVE_ID	NULLABLE	NUMBER	Represents the unique identifier of Business Objective and is derived from PPM KPMO_ BUSINESS_ OBJECTIVES_NLS table
BUSINESS_ OBJECTIVE_ NAME	NULLABLE	VARCHAR2(80)	Name of the business objective
ENTITY_ID	NULLABLE	NUMBER	Represents the ID of the Program or Request that is associated with the business objective
ENTITY_TYPE	NULLABLE	VARCHAR2(8)	Indicates whether the business objective is associated with a Program, Project, Proposal, Asset.

Indexes

Index Name	Index Type	Sequence	Column Name
RPT_DIM_BUSINESS_OBJ_ MV_N15	NONUNIQUE	1	ENTITY_ID
RPT_DIM_BUSINESS_OBJ_ MV_N16	NONUNIQUE	1	ENTITY_TYPE

Sequences

This table uses no sequences.

RPT_DIM_FM_FCST_ACTUAL_LINE_MV

This is a materialized view on top of PPM's FM_FORECAST_ACTUAL_LINES table.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
FORECAST_ACTUAL_LINE_ID	NOT NULL	NUMBER	Forecast actual ID for a financial summary derived from FM_FORECAST_ACTUAL_LINES table.
EXPENSE_TYPE_CODE	NULLABLE	VARCHAR2(30)	Indicates the expense type (capital or operating)
LABOR_TYPE_CODE	NOT NULL	VARCHAR2(30)	Labor type (labor or non-labor)
CATEGORY_CODE	NOT NULL	VARCHAR2(30)	Indicates the cost category
SYNC_SOURCE_FLAG	NULLABLE	VARCHAR2(10)	Identifies rolled up lines and lines that are not rolled up. 'N' indicates that the line is not rolled up. 'SP' indicates that the line is rolled up from the staffing profile. 'FS' indicates that the line is rolled up from financial summaries belong to
USER_DATA_1-20	NULLABLE	VARCHAR2(255)	User data segment
USER_DATA_1_VISIBLE	NULLABLE	VARCHAR2(255)	User data segment
USER_DATA_2_VISIBLE	NULLABLE	VARCHAR2(255)	User data segment
USER_DATA_3_VISIBLE	NULLABLE	VARCHAR2(255)	User data segment

Column Name	Null?	Data Type	Description
USER_DATA_4_VISIBLE	NULLABLE	VARCHAR2(255)	User data segment
USER_DATA_5_VISIBLE	NULLABLE	VARCHAR2(255)	User data segment
USER_DATA_6_VISIBLE	NULLABLE	VARCHAR2(255)	User data segment
USER_DATA_7_VISIBLE	NULLABLE	VARCHAR2(255)	User data segment
USER_DATA_8_VISIBLE	NULLABLE	VARCHAR2(255)	User data segment
USER_DATA_9_VISIBLE	NULLABLE	VARCHAR2(255)	User data segment
USER_DATA_10_VISIBLE	NULLABLE	VARCHAR2(255)	User data segment
USER_DATA_11_VISIBLE	NULLABLE	VARCHAR2(255)	User data segment
USER_DATA_12_VISIBLE	NULLABLE	VARCHAR2(255)	User data segment
USER_DATA_13_VISIBLE	NULLABLE	VARCHAR2(255)	User data segment
USER_DATA_14_VISIBLE	NULLABLE	VARCHAR2(255)	User data segment
USER_DATA_15_VISIBLE	NULLABLE	VARCHAR2(255)	User data segment
USER_DATA_16_VISIBLE	NULLABLE	VARCHAR2(255)	User data segment
USER_DATA_17_VISIBLE	NULLABLE	VARCHAR2(255)	User data segment
USER_DATA_18_VISIBLE	NULLABLE	VARCHAR2(255)	User data segment
USER_DATA_19_VISIBLE	NULLABLE	VARCHAR2(255)	User data segment
USER_DATA_20_VISIBLE	NULLABLE	VARCHAR2(255)	User data segment

Indexes

Index Name	Index Type	Sequence	Column Name
RPT_DIM_FM_FCST_ACTL_LIN_MV_PK	UNIQUE	1	FORECAST_ACTUAL_LINE_ID
RPT_DIM_FM_FCST_ACTL_LIN_MV_X1	NONUNIQUE	1	EXPENSE_TYPE_CODE
RPT_DIM_FM_FCST_ACTL_LIN_MV_X2	NONUNIQUE	1	CATEGORY_CODE
RPT_DIM_FM_FCST_ACTL_LIN_MV_X3	NONUNIQUE	1	LABOR_TYPE_CODE

Sequences

This table uses no sequences.

RPT_DIM_FM_FCST_ACTUAL_MV

This is a materialized view on top of PPM's FM_FORECAST_ACTUALS table.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
FORECAST_ACTUAL_ID	NOT NULL	NUMBER	ID derived from FM_FORECAST_ ACTUALS table.
CAPEX_OPEX_ENABLED_ FLAG	NOT NULL	VARCHAR2(1)	Indicates whether the costs and actuals are tracked by capitalization as well. The setting is "Financial Summary tracks capitalized costs".
USER_DATA_1-20	NULLABLE	VARCHAR2(255)	User data segment
USER_DATA_1_VISIBLE	NULLABLE	VARCHAR2(255)	User data segment
USER_DATA_2_VISIBLE	NULLABLE	VARCHAR2(255)	User data segment
USER_DATA_3_VISIBLE	NULLABLE	VARCHAR2(255)	User data segment
USER_DATA_4_VISIBLE	NULLABLE	VARCHAR2(255)	User data segment
USER_DATA_5_VISIBLE	NULLABLE	VARCHAR2(255)	User data segment
USER_DATA_6_VISIBLE	NULLABLE	VARCHAR2(255)	User data segment
USER_DATA_7_VISIBLE	NULLABLE	VARCHAR2(255)	User data segment
USER_DATA_8_VISIBLE	NULLABLE	VARCHAR2(255)	User data segment
USER_DATA_9_VISIBLE	NULLABLE	VARCHAR2(255)	User data segment
USER_DATA_10_VISIBLE	NULLABLE	VARCHAR2(255)	User data segment
USER_DATA_11_VISIBLE	NULLABLE	VARCHAR2(255)	User data segment
USER_DATA_12_VISIBLE	NULLABLE	VARCHAR2(255)	User data segment
USER_DATA_13_VISIBLE	NULLABLE	VARCHAR2(255)	User data segment
USER_DATA_14_VISIBLE	NULLABLE	VARCHAR2(255)	User data segment

Column Name	Null?	Data Type	Description
USER_DATA_15_VISIBLE	NULLABLE	VARCHAR2(255)	User data segment
USER_DATA_16_VISIBLE	NULLABLE	VARCHAR2(255)	User data segment
USER_DATA_17_VISIBLE	NULLABLE	VARCHAR2(255)	User data segment
USER_DATA_18_VISIBLE	NULLABLE	VARCHAR2(255)	User data segment
USER_DATA_19_VISIBLE	NULLABLE	VARCHAR2(255)	User data segment
USER_DATA_20_VISIBLE	NULLABLE	VARCHAR2(255)	User data segment

Indexes

Index Name	Index Type	Sequence	Column Name
RPT_DIM_FM_FCST_ACTL_MV_PK	UNIQUE	1	FORECAST_ACTUAL_ID

Sequences

This table uses no sequences.

RPT_DIM_FM_FIN_SUMMARY_MV

This is a materialized view on top of PPM's FM_FINANCIAL_SUMMARY table.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
FINANCIAL_ SUMMARY_ID	NULLABLE	NUMBER	ID of the financial summary derived from FM_FINANCIAL_ SUMMARY table
NAME	NULLABLE	VARCHAR2(1300)	Name of the financial summary
DESCRIPTION	NULLABLE	VARCHAR2(1300)	Description of a Financial Summary
ENTITY_TYPE	NULLABLE	VARCHAR2(255)	Identifies the financial summary as the current financial summary (FS) or a snapshot (SNAPSHOT) of a financial summary.
CREATED_BY	NULLABLE	VARCHAR2(200)	Identifier for the user who created the record
IS_PLAN_OF_ RECORD	NULLABLE	VARCHAR2(1)	Flag that indicates whether the financial summary is the plan of record (set to 'Y') or is not the plan of record (set to 'N').
LOCAL_ CURRENCY_ CODE	NULLABLE	VARCHAR2(40)	Each financial summary has an associated local currency and a code. The local currency and code are based on the region associated with the financial summary's parent. Programs have no associated region, so the local currency defaults to the base currency.

Column Name	Null?	Data Type	Description
BASE_ CURRENCY_ CODE	NULLABLE	VARCHAR2(10)	Each financial summary has a base currency and a code associated with it. Example: USD for United States Dollar. The base currency defaults to the PPM Center base currency.
SNAPSHOT_ SEQ	NULLABLE	NUMBER	Sequence in which snapshots were created, ranging from 0 to n.
CREATION_ DATE	NULLABLE	DATE	Date record was created
IS_FINANCIAL_ DATA_TABLE	NULLABLE	VARCHAR2(1)	Flag that indicates whether the entity ID for the financial summary's parent is set to 19 (Y) or not (N).
LOCAL_ CURRENCY_ SYMBOL	NULLABLE	VARCHAR2(50)	Symbol for the local currency
BASE_ CURRENCY_ SYMBOL	NULLABLE	VARCHAR2(50)	Symbol for the base currency
FS_ENABLED	NULLABLE	VARCHAR2(1)	Identifies if the financial summary is enabled 'Y' or not 'N'.

Indexes

This table uses no indexes.

Sequences

This table uses no sequences.

RPT_DIM_FM_KNTA_LOOKUPS_MV

This is a materialized view on top of PPM's KNTA_LOOKUPS table with additional logic for BUDGET_LABOR_CATEGORY, BUDGET_TYPE,BUDGET_EXPENSE_TYPE lookup types.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
CATEGORY_CODE	NULLABLE	VARCHAR2(40)	Labor category code or expense type category code
CATEGORY_NAME	NULLABLE	VARCHAR2(150)	Labor category name or expense type category name
EXPENSE_TYPE_CODE	NULLABLE	VARCHAR2(40)	Expense type code of the forecast actual line
EXPENSE_TYPE_NAME	NULLABLE	VARCHAR2(150)	Expense type name of the forecast actual line
LABOR_TYPE_CODE	NULLABLE	VARCHAR2(40)	Labor type code of the forecast actual line
LABOR_TYPE_NAME	NULLABLE	VARCHAR2(150)	Labor type name of the forecast actual line

Indexes

Index Name	Index Type	Sequence	Column Name
RPT_DIM_FM_KNTA_LKUPS_MV_X1	NONUNIQUE	1	EXPENSE_TYPE_CODE
RPT_DIM_FM_KNTA_LKUPS_MV_X2	NONUNIQUE	1	CATEGORY_CODE
RPT_DIM_FM_KNTA_LKUPS_MV_X3	NONUNIQUE	1	LABOR_TYPE_CODE

Sequences

This table uses no sequences.

RPT_DIM_ORG_UNITS_MV

This is a materialized view that represents the org unit dimension in Star schema.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
ORG_UNIT_ID	NOT NULL	NUMBER	Unique identifier to represent an org unit. It is derived from PPM KRSC_ORG_UNITS table
ORG_UNIT_ NAME	NOT NULL	VARCHAR2(200)	Name of the org unit
PARENT_ORG_ UNIT_ID	NOT NULL	NUMBER	Immediate parent org unit ID
PRIMARY_FLAG	NOT NULL	VARCHAR2(1)	A flag (Y/N) that indicates if the org unit is a primary org unit or not
PARENT_ORG_ UNIT_NAME	NULLABLE	VARCHAR2(200)	Name of the immediate parent org unit
LEVEL1_ORG_ UNIT_ID	NULLABLE	VARCHAR2(4000)	ID of the first level org unit from the top in the org unit hierarchy
LEVEL1_ORG_ UNIT_NAME	NULLABLE	VARCHAR2(4000)	Name of the first level org unit from the top in the org unit hierarchy
LEVEL2_ORG_ UNIT_ID	NULLABLE	VARCHAR2(4000)	ID of the second level org unit from the top in the org unit hierarchy
LEVEL2_ORG_ UNIT_NAME	NULLABLE	VARCHAR2(4000)	Name of the second level org unit from the top in the org unit hierarchy
LEVEL3_ORG_ UNIT_ID	NULLABLE	VARCHAR2(4000)	ID of the third level org unit from the top in the org unit hierarchy

Column Name	Null?	Data Type	Description
LEVEL3_ORG_UNIT_NAME	NULLABLE	VARCHAR2(4000)	Name of the third level org unit from the top in the org unit hierarchy
LEVEL4_ORG_UNIT_ID	NULLABLE	VARCHAR2(4000)	ID of the fourth level org unit from the top in the org unit hierarchy
LEVEL4_ORG_UNIT_NAME	NULLABLE	VARCHAR2(4000)	Name of the fourth level org unit from the top in the org unit hierarchy
LEVEL5_ORG_UNIT_ID	NULLABLE	VARCHAR2(4000)	ID of the fifth level org unit from the top in the org unit hierarchy
LEVEL5_ORG_UNIT_NAME	NULLABLE	VARCHAR2(4000)	Name of the fifth level org unit from the top in the org unit hierarchy
LEVEL6_ORG_UNIT_ID	NULLABLE	VARCHAR2(4000)	ID of the sixth level org unit from the top in the org unit hierarchy
LEVEL6_ORG_UNIT_NAME	NULLABLE	VARCHAR2(4000)	Name of the sixth level org unit from the top in the org unit hierarchy
LEVEL7_ORG_UNIT_ID	NULLABLE	VARCHAR2(4000)	ID of the seventh level org unit from the top in the org unit hierarchy
LEVEL7_ORG_UNIT_NAME	NULLABLE	VARCHAR2(4000)	Name of the seventh level org unit from the top in the org unit hierarchy
LEVEL8_ORG_UNIT_ID	NULLABLE	VARCHAR2(4000)	ID of the eighth level org unit from the top in the org unit hierarchy
LEVEL8_ORG_UNIT_NAME	NULLABLE	VARCHAR2(4000)	Name of the eighth level org unit from the top in the org unit hierarchy
LEVEL9_ORG_UNIT_ID	NULLABLE	VARCHAR2(4000)	ID of the ninth level org unit from the top in the org unit hierarchy
LEVEL9_ORG_UNIT_NAME	NULLABLE	VARCHAR2(4000)	Name of the ninth level org unit from the top in the org unit hierarchy

Column Name	Null?	Data Type	Description
LEVEL10_ORG_ UNIT_ID	NULLABLE	VARCHAR2(4000)	ID of the tenth level org unit from the top in the org unit hierarchy
LEVEL10_ORG_ UNIT_NAME	NULLABLE	VARCHAR2(4000)	Name of the tenth level org unit from the top in the org unit hierarchy
STAFFING_ PROFILE_ID	NULLABLE	NUMBER	ID of the staffing profile that this org unit has. This refers to RPT_DIM_RM_STAFF_ PROFILES materialized view.
ORG_UNIT_ MANAGER_ID	NULLABLE	VARCHAR2(40)	User ID of the manager of the org unit
ORG_UNIT_ MANAGER_ FIRSTNAME	NULLABLE	VARCHAR2(80)	First Name of the manager of the org unit
ORG_UNIT_ MANAGER_ LASTNAME	NULLABLE	VARCHAR2(80)	Last name of the manager of the org unit
FINANCIAL_ SUMMARY_ID	NULLABLE	NUMBER	ID of the org unit's financial summary
FINANCIAL_ SUMMARY_ NAME	NOT NULL	VARCHAR2(1300)	Name of the org unit's financial summary name
LOCATION	NULLABLE	VARCHAR2(150)	Location of the org unit
DEPARTMENT	NULLABLE	VARCHAR2(150)	Department this org unit belongs to
CATEGORY	NULLABLE	VARCHAR2(150)	Category of this org unit
SOURCE	NULLABLE	VARCHAR2(100)	Source of the org unit
SOURCE_TYPE_ CODE	NULLABLE	VARCHAR2(30)	Code of the source of the org unit
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
REGION_ID	NULLABLE	NUMBER	ID of the region that the org unit belongs to
REGION_NAME	NULLABLE	VARCHAR2(100)	Name of the region that the org unit belongs to

Column Name	Null?	Data Type	Description
USER_DATA_SET_CONTEXT_ID	NULLABLE	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1-20	NULLABLE	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA1-20	NULLABLE	VARCHAR2(200)	User data segment

Indexes

This table uses no indexes.

Sequences

This table uses no sequences.

RPT_DIM_PM_DTL_CSTPARMS_IRS_MV

This is a materialized view that holds the detail custom parameters for project's issue, risk and scope change entities.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
REQUEST_ID	NULLABLE	NUMBER	ID of the request of this issue, risk or scope change entity
REQUEST_TYPE_ID	NULLABLE	NUMBER	Request type ID for issue, risk or scope change
BATCH_NUMBER	NULLABLE	NUMBER	This column is used when the custom parameters are more than 50 and the 50 columns provided in the table is insufficient. This corresponds to the PPM table's batch number. For example, if the BATCH_NUMBER is 2 and the parameter number is 4, it is considered as parameter 54.
REQUEST_TYPE_NAME	NULLABLE	VARCHAR2(80)	Name of the request type for issue, risk or scope change request
PARAMETER1-40	NULLABLE	VARCHAR2(200)	Value of custom detail parameters used by the customer for issue, risk or scope change request

Column Name	Null?	Data Type	Description
VISIBLE_ PARAMETER1-40	NULLABLE	VARCHAR2(200)	Visible value of custom detail parameters used by the customer for issue, risk or scope change request.
PARAMETER41-50	NULLABLE	VARCHAR2(4000)	Value of custom detail parameters used by the customer for issue, risk or scope change request.
VISIBLE_ PARAMETER41-50	NULLABLE	VARCHAR2(4000)	Visible value of custom detail parameters used by the customer for issue, risk or scope change request.

Indexes

Index Name	Index Type	Sequence	Column Name
RPT_PM_DTL_CSTPARMS_ IRS_MV_N14	NONUNIQUE	1	REQUEST_ID
RPT_PM_DTL_CSTPARMS_ IRS_MV_N15	NONUNIQUE	1	REQUEST_ TYPE_ID

Sequences

This table uses no sequences.

RPT_DIM_PM_HDR_CSTPARMS_IRS_MV

This is a materialized view that holds the header custom parameters for project's issue, risk and scope change entities.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
REQUEST_ID	NULLABLE	NUMBER	Request ID for this issue or risk or scope change request
REQUEST_TYPE_ID	NULLABLE	NUMBER	Request type ID for issue, risk or scope change
BATCH_NUMBER	NULLABLE	NUMBER	This column is used when the custom parameters are more than 50 and the 50 columns provided in the table is insufficient. This corresponds to the PPM table's batch number. For example, if the BATCH_NUMBER is 2 and the parameter number is 4, it is considered as parameter 54.
REQUEST_TYPE_NAME	NULLABLE	VARCHAR2(80)	Name of the request type for issue, risk or scope change request
PARAMETER1-40	NULLABLE	VARCHAR2(200)	Value of custom header parameters used by the customer for issue, risk or scope change request

Column Name	Null?	Data Type	Description
VISIBLE_ PARAMETER1-40	NULLABLE	VARCHAR2(200)	Visible value of custom header parameters used by the customer for issue, risk or scope change request.
PARAMETER41-50	NULLABLE	VARCHAR2(4000)	Value of custom header parameters used by the customer for issue, risk or scope change request.
VISIBLE_ PARAMETER41-50	NULLABLE	VARCHAR2(4000)	Visible value of custom header parameters used by the customer for issue, risk or scope change request.

Indexes

Index Name	Index Type	Sequence	Column Name
RPT_PM_HDR_CSTPARMS_ IRS_MV_N12	NONUNIQUE	1	REQUEST_ID
RPT_PM_HDR_CSTPARMS_ IRS_MV_N13	NONUNIQUE	1	REQUEST_TYPE_ ID

Sequences

This table uses no sequences.

RPT_DIM_PM_PROJ_ISSUE_MV

This is a materialized view that holds the information of the project issues.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
PROJECT_ID	NULLABLE	NUMBER	ID that identifies the project
REQUEST_ID	NOT NULL	NUMBER	Issue Request ID associated with this project
DESCRIPTION	NULLABLE	VARCHAR2(400)	Description if this issue
REQUEST_TYPE_ ID	NOT NULL	NUMBER	The request type ID for this issue request
REQUEST_TYPE_ NAME	NOT NULL	VARCHAR2(80)	The request type name for this issue request
ENTITY_STATUS	NOT NULL	VARCHAR2(80)	Status (lookup value) of this issue
PRIORITY	NULLABLE	VARCHAR2(150)	Priority (lookup value) of this issue
DEPARTMENT	NULLABLE	VARCHAR2(150)	Department (lookup value) of this issue
APPLICATION	NULLABLE	VARCHAR2(150)	Application (lookup value) of this issue
WORKFLOW_NAME	NOT NULL	VARCHAR2(150)	This is the request workflow name
ACTIVE_ WORKFLOW_ STEP_NAME	NULLABLE	VARCHAR2(4000)	Name of the current active step(s) available in the workflow associated with the Issue request
CREATED_BY	NULLABLE	VARCHAR2(200)	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
CONTACT_NAME	NULLABLE	VARCHAR2(200)	Full name of the contact person of this issue

Column Name	Null?	Data Type	Description
CONTACT_PHONE	NULLABLE	VARCHAR2(30)	Phone number of the contact person of this issue
CONTACT_EMAIL	NULLABLE	VARCHAR2(80)	Email address of the contact person of this issue
ASSIGNED_TO	NULLABLE	VARCHAR2(200)	The person to whom this issue is assigned to
USER_DATA1-20	NULLABLE	VARCHAR2(200)	User data segment
VISIBLE_USER_ DATA1-20	NULLABLE	VARCHAR2(200)	User data segment
ESCALATION_ LEVEL_MEANING	NULLABLE	VARCHAR2(200)	Escalation level, this information is stored at Issue Field Group table

Indexes

Index Name	Index Type	Sequence	Column Name
RPT_DIM_PM_PROJ_ISSUE_ MV_N1	NONUNIQUE	1	PROJECT_ID
RPT_DIM_PM_PROJ_ISSUE_ MV_N2	NONUNIQUE	1	REQUEST_ID
RPT_DIM_PM_PROJ_ISSUE_ MV_N3	NONUNIQUE	1	REQUEST_ TYPE_ID

Sequences

This table uses no sequences.

RPT_DIM_PM_PROJ_RISK_MV

This is a materialized view that holds the information of the project risks.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
PROJECT_ID	NULLABLE	NUMBER	ID that identifies the project
REQUEST_ID	NOT NULL	NUMBER	Risk Request ID associated with this project
DESCRIPTION	NULLABLE	VARCHAR2(400)	Description of this risk
REQUEST_ TYPE_ID	NOT NULL	NUMBER	The request type ID for this risk request
REQUEST_ TYPE_NAME	NOT NULL	VARCHAR2(80)	The request type name for this risk request
ENTITY_STATUS	NOT NULL	VARCHAR2(80)	Status (lookup value) of this risk
PRIORITY	NULLABLE	VARCHAR2(150)	Priority (lookup value) of this risk
DEPARTMENT	NULLABLE	VARCHAR2(150)	Department (lookup value) of this risk
APPLICATION	NULLABLE	VARCHAR2(150)	Application (lookup value) of this risk
WORKFLOW_ NAME	NOT NULL	VARCHAR2(150)	This is the request workflow name
ACTIVE_ WORKFLOW_ STEP_NAME	NULLABLE	VARCHAR2(4000)	Name of the current active step(s) available in the workflow associated with the Risk request
CREATED_BY	NULLABLE	VARCHAR2(200)	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
CONTACT_NAME	NULLABLE	VARCHAR2(200)	Full name of the contact person of this risk

Column Name	Null?	Data Type	Description
CONTACT_ PHONE	NULLABLE	VARCHAR2(30)	Phone number of the contact person of this risk
CONTACT_EMAIL	NULLABLE	VARCHAR2(80)	Email address of the contact person of this risk
ASSIGNED_TO	NULLABLE	VARCHAR2(200)	The person to whom this risk is assigned to
USER_DATA1-20	NULLABLE	VARCHAR2(200)	User data segment
VISIBLE_USER_ DATA1-20	NULLABLE	VARCHAR2(200)	User data segment
PROBABILITY_ MEANING	NULLABLE	VARCHAR2(200)	Probability (lookup value) of this risk
RISK_IMPACT_ LEVEL_MEANING	NULLABLE	VARCHAR2(200)	Impact level (lookup value) of this risk

Indexes

Index Name	Index Type	Sequence	Column Name
RPT_DIM_PM_PROJ_RISK_ MV_N7	NONUNIQUE	1	PROJECT_ID
RPT_DIM_PM_PROJ_RISK_ MV_N8	NONUNIQUE	1	REQUEST_ID
RPT_DIM_PM_PROJ_RISK_ MV_N9	NONUNIQUE	1	REQUEST_ TYPE_ID

Sequences

This table uses no sequences.

RPT_DIM_PM_PROJ_SCPCHG_MV

This is a materialized view that holds the information of the project Scope Change.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
PROJECT_ID	NULLABLE	NUMBER	ID that identifies the project
REQUEST_ID	NOT NULL	NUMBER	Scope Change Request ID associated with this project
REQUEST_TYPE_ ID	NOT NULL	NUMBER	The request type ID for this scope change request
REQUEST_TYPE_ NAME	NOT NULL	VARCHAR2(80)	The request type name for this scope change request
DESCRIPTION	NULLABLE	VARCHAR2(400)	Description if this scope change
ENTITY_STATUS	NOT NULL	VARCHAR2(80)	Status (lookup value) of this scope change
PRIORITY	NULLABLE	VARCHAR2(150)	Priority (lookup value) of this scope change
DEPARTMENT	NULLABLE	VARCHAR2(150)	Department (lookup value) of this scope change
APPLICATION	NULLABLE	VARCHAR2(150)	Application (lookup value) of this scope change
WORKFLOW_ NAME	NOT NULL	VARCHAR2(150)	This is the request workflow name
ACTIVE_ WORKFLOW_ STEP_NAME	NULLABLE	VARCHAR2(4000)	Name of the current active step(s) available in the workflow associated with the Scope Change request
CREATED_BY	NULLABLE	VARCHAR2(200)	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created

Column Name	Null?	Data Type	Description
CONTACT_NAME	NULLABLE	VARCHAR2(200)	Full name of the contact person of this scope change
CONTACT_PHONE	NULLABLE	VARCHAR2(30)	Phone number of the contact person of this scope change
CONTACT_EMAIL	NULLABLE	VARCHAR2(80)	Email address of the contact person of this scope change
ASSIGNED_TO	NULLABLE	VARCHAR2(200)	The person to whom this scope change is assigned to
USER_DATA1-20	NULLABLE	VARCHAR2(200)	User data segment
VISIBLE_USER_ DATA1-20	NULLABLE	VARCHAR2(200)	User data segment
IMPACT_ SEVERITY_ MEANING	NULLABLE	VARCHAR2(200)	Impact severity (lookup value) of this scope change
CR_LEVEL_ MEANING	NULLABLE	VARCHAR2(200)	CR Level (lookup value) of this scope change

Indexes

Index Name	Index Type	Sequence	Column Name
RPT_DIM_PM_PROJ_SCPCHG_ MV_N4	NONUNIQUE	1	PROJECT_ID
RPT_DIM_PM_PROJ_SCPCHG_ MV_N5	NONUNIQUE	1	REQUEST_ID
RPT_DIM_PM_PROJ_SCPCHG_ MV_N6	NONUNIQUE	1	REQUEST_ TYPE_ID

Sequences

This table uses no sequences.

RPT_DIM_PM_PROJ_SETTINGS_MV

This is a materialized view representing the Project Setting dimension in the Star schema.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
PROJECT_ID	NOT NULL	NUMBER	Unique identifier of a project derived from PPM PM_ PROJECTS table
CE_ERE	NULLABLE	NUMBER	It provides Estimated Remaining Effort setting for the project. Value is 1 if checkbox is checked in PPM, otherwise 0
CE_USETM	NULLABLE	NUMBER	It provides Use TM setting for the project. Value is 1 if checkbox is checked in PPM, otherwise 0

Indexes

Index Name	Index Type	Sequence	Column Name
I_SNAP$_RPT_DIM_PM_ PROJ_SE	UNIQUE	1	SYS_NC00004$

Sequences

This table uses no sequences.

RPT_DIM_PM_TASKS

This table holds the task information that is derived from PPM table. All the fields are derived from PPM task table.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
TASK_ID	NOT NULL	NUMBER	Unique ID of the TASK table
PROJECT_ID	NULLABLE	NUMBER	Identifier of the related project
WORK_PLAN_ID	NULLABLE	NUMBER	Identifier of the related work plan
TASK_NAME	NULLABLE	VARCHAR2(300)	Name of the task
TASK_DESCRIPTION	NULLABLE	VARCHAR2(300)	Description of the task
PRIORITY	NULLABLE	NUMBER	Priority of the task
STATUS	NULLABLE	VARCHAR2(150)	Status of the task
TASK_TYPE	NULLABLE	VARCHAR2(1)	Type of the task
MILESTONE	NULLABLE	VARCHAR2(1)	It indicates if task is milestone
MAJOR_MILESTONE	NULLABLE	VARCHAR2(1)	It indicates if task is major milestone
IN_CRITICAL_PATH	NULLABLE	VARCHAR2(1)	It indicates if task is in critical path
PARENT_TASK_ID	NULLABLE	NUMBER	ID of parent task
PARENT_TASK_NAME	NULLABLE	VARCHAR2(300)	Name of parent task
SCHED_START_DATE	NULLABLE	DATE	Schedule start date of the task
SCHED_FINISH_DATE	NULLABLE	DATE	Schedule finish date of the task
SCHED_DURATION	NULLABLE	FLOAT	Schedule duration of the task

Column Name	Null?	Data Type	Description
PERC_COMPLETE	NULLABLE	FLOAT	Percent Complete of the task
ACTUAL_START_DATE	NULLABLE	DATE	Actual start date of the task
ACTUAL_FINISH_DATE	NULLABLE	DATE	Actual finish date of the task
ACTUAL_DURATION	NULLABLE	FLOAT	Actual duration of the task
ESTIMATED_FINISH_ DATE	NULLABLE	DATE	Estimated finish date of the task
CREATED_BY_ FIRSTNAME	NULLABLE	VARCHAR2(80)	First Name of user who creates the task
CREATED_BY_ LASTNAME	NULLABLE	VARCHAR2(80)	Last Name of user who creates the task
CREATION_DATE	NULLABLE	DATE	Task creation date
SERVICE_ID	NULLABLE	VARCHAR2(40)	ID of the related service
SERVICE_NAME	NULLABLE	VARCHAR2(255)	Name of the related service
SCHEDULE_HEALTH	NULLABLE	VARCHAR2(255)	Schedule health of the task
EXCEPTION_TASK_ COUNT	NULLABLE	NUMBER	Number of exception in task
TOTAL_EXCEPTION_ COUNT	NULLABLE	NUMBER	Total exception count in the project
DATUM1_CODE	NULLABLE	VARCHAR2(255)	User data code 1
DATUM1_VISIBLE	NULLABLE	VARCHAR2(255)	Visible value of user data code 1
DATUM2_CODE	NULLABLE	VARCHAR2(255)	User data code 2
DATUM2_VISIBLE	NULLABLE	VARCHAR2(255)	Visible value of user data code 2
DATUM3_CODE	NULLABLE	VARCHAR2(255)	User data code 3
DATUM3_VISIBLE	NULLABLE	VARCHAR2(255)	Visible value of user data code 3
DATUM4_CODE	NULLABLE	VARCHAR2(255)	User data code 4
DATUM4_VISIBLE	NULLABLE	VARCHAR2(255)	Visible value of user data code 4

Column Name	Null?	Data Type	Description
DATUM5_CODE	NULLABLE	VARCHAR2(255)	User data code 5
DATUM5_VISIBLE	NULLABLE	VARCHAR2(255)	Visible value of user data code 5
DATUM6_CODE	NULLABLE	VARCHAR2(255)	User data code 6
DATUM6_VISIBLE	NULLABLE	VARCHAR2(255)	Visible value of user data code 6
DATUM7_CODE	NULLABLE	VARCHAR2(255)	User data code 7
DATUM7_VISIBLE	NULLABLE	VARCHAR2(255)	Visible value of user data code 7
DATUM8_CODE	NULLABLE	VARCHAR2(255)	User data code 8
DATUM8_VISIBLE	NULLABLE	VARCHAR2(255)	Visible value of user data code 8
DATUM9_CODE	NULLABLE	VARCHAR2(255)	User data code 9
DATUM9_VISIBLE	NULLABLE	VARCHAR2(255)	Visible value of user data code 9
DATUM10_CODE	NULLABLE	VARCHAR2(255)	User data code 10
DATUM10_VISIBLE	NULLABLE	VARCHAR2(255)	Visible value of user data code 10
DATUM11_CODE	NULLABLE	VARCHAR2(255)	User data code 11
DATUM11_VISIBLE	NULLABLE	VARCHAR2(255)	Visible value of user data code 11
DATUM12_CODE	NULLABLE	VARCHAR2(255)	User data code 12
DATUM12_VISIBLE	NULLABLE	VARCHAR2(255)	Visible value of user data code 12
DATUM13_CODE	NULLABLE	VARCHAR2(255)	User data code 13
DATUM13_VISIBLE	NULLABLE	VARCHAR2(255)	Visible value of user data code 13
DATUM14_CODE	NULLABLE	VARCHAR2(255)	User data code 14
DATUM14_VISIBLE	NULLABLE	VARCHAR2(255)	Visible value of user data code 14
DATUM15_CODE	NULLABLE	VARCHAR2(255)	User data code 15
DATUM15_VISIBLE	NULLABLE	VARCHAR2(255)	Visible value of user data code 15
DATUM16_CODE	NULLABLE	VARCHAR2(255)	User data code 16

Column Name	Null?	Data Type	Description
DATUM16_VISIBLE	NULLABLE	VARCHAR2(255)	Visible value of user data code 16
DATUM17_CODE	NULLABLE	VARCHAR2(255)	User data code 17
DATUM17_VISIBLE	NULLABLE	VARCHAR2(255)	Visible value of user data code 17
DATUM18_CODE	NULLABLE	VARCHAR2(255)	User data code 18
DATUM18_VISIBLE	NULLABLE	VARCHAR2(255)	Visible value of user data code 18
DATUM19_CODE	NULLABLE	VARCHAR2(255)	User data code 19
DATUM19_VISIBLE	NULLABLE	VARCHAR2(255)	Visible value of user data code 19
DATUM20_CODE	NULLABLE	VARCHAR2(255)	User data code 20
DATUM20_VISIBLE	NULLABLE	VARCHAR2(255)	Visible value of user data code 20

Indexes

Index Name	Index Type	Sequence	Column Name
RPT_DIM_PM_TASKS_N1	NONUNIQUE	1	TASK_ID
RPT_DIM_PM_TASKS_N2	NONUNIQUE	1	PROJECT_ID
RPT_DIM_PM_TASKS_N3	NONUNIQUE	1	PARENT_TASK_ID
RPT_DIM_PM_TASKS_N4	NONUNIQUE	1	STATUS

Sequences

This table uses no sequences.

RPT_DIM_PM_WORKPLAN_MV

This is a materialized view representing work plan dimension in the Star schema.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
WORK_PLAN_ID	NOT NULL	NUMBER	Unique identifier of a work plan derived from PPM PM_ PROJECTS table
PROJECT_ID	NULLABLE	NUMBER	ID of the related project. It is derived from pm_projects table
ROOT_TASK_ID	NULLABLE	NUMBER	ID of the root task in the work plan
WORKPLAN_ NAME	NULLABLE	VARCHAR2(300)	Name of the work plan
DESCRIPTION	NULLABLE	VARCHAR2(650)	Description of the work plan.
CREATED_BY_ FIRSTNAME	NOT NULL	VARCHAR2(80)	First name of the user who creates this work plan
CREATED_BY_ LASTNAME	NOT NULL	VARCHAR2(80)	Last name of the user who creates this work plan
CREATION_DATE	NOT NULL	DATE	Work plan creation date
IS_BASELINE_ FLAG	NULLABLE	CHAR	A flag to indicate if a workplan is a baseline workplan. Value of 'Y' indicates it is a baseline workplan.
WORKPLAN_SEQ	NULLABLE	NUMBER	Sequence number of the work plan
IS_ACTIVE_FLAG	NULLABLE	VARCHAR2(1)	A flag to indicate if a workplan is an active baseline work plan. Value of 'Y' indicates it is an active baseline workplan.

Indexes

Index Name	Index Type	Sequence	Column Name
RPT_DIM_PM_WORKPLAN_MV_N10	NONUNIQUE	1	WORK_PLAN_ID
RPT_DIM_PM_WORKPLAN_MV_N11	NONUNIQUE	1	PROJECT_ID

Sequences

This table uses no sequences.

RPT_DIM_PPM_FISCAL_PERIODS

This is a dimensional table in the reporting star schema. It is derived from the PPM_FISCAL_PERIODS table. All the period names (week, month, quarter, half year and year) are stored at day level.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
DATE_OF_THE_DAY	NULLABLE	DATE	Date in the calendar that is between start and the end etl boundaries.
PERIOD_ID_WEEK	NULLABLE	NUMBER	ID of the (parent) week in which this date falls in.
PERIOD_ID_MONTH	NULLABLE	NUMBER	ID of the (parent) month in which this date falls in.
PERIOD_ID_QUARTER	NULLABLE	NUMBER	ID of the (parent) quarter in which this date falls in.
PERIOD_ID_HALF_YEAR	NULLABLE	NUMBER	ID of the (parent) half year in which this date falls in.
PERIOD_ID_YEAR	NULLABLE	NUMBER	ID of the (parent) year in which this date falls in.
PERIOD_NAME_WEEK	NULLABLE	VARCHAR2(100)	Name of the (parent) week in which this date falls in.
PERIOD_NAME_MONTH	NULLABLE	VARCHAR2(100)	Name of the (parent) month in which this date falls in.
PERIOD_NAME_QUARTER	NULLABLE	VARCHAR2(100)	Name of the (parent) quarter in which this date falls in.
PERIOD_NAME_HALF_YEAR	NULLABLE	VARCHAR2(100)	Name of the (parent) half year in which this date falls in.

Column Name	Null?	Data Type	Description
PERIOD_NAME_YEAR	NULLABLE	VARCHAR2(100)	Name of the (parent) year in which this date falls in.
BEGIN_FISCAL_MONTH	NULLABLE	CHAR	A flag to indicate if this date is the beginning of the month.
BEGIN_FISCAL_YEAR	NULLABLE	CHAR	A flag to indicate if this date is the beginning of the year.

Indexes

Index Name	Index Type	Sequence	Column Name
RPT_DIM_PPM_FISCAL_PERIODS_N1	NONUNIQUE	1	PERIOD_NAME_MONTH
RPT_DIM_PPM_FISCAL_PERIODS_N2	NONUNIQUE	1	PERIOD_ID_MONTH
RPT_DIM_PPM_FISCAL_PERIODS_N3	NONUNIQUE	1	BEGIN_FISCAL_MONTH
RPT_DIM_PPM_FISCAL_PERIODS_N4	NONUNIQUE	1	DATE_OF_THE_DAY
RPT_DIM_PPM_FISCAL_PERIODS_N5	NONUNIQUE	1	PERIOD_ID_YEAR
RPT_DIM_PPM_FISCAL_PERIODS_N6	NONUNIQUE	1	BEGIN_FISCAL_YEAR
RPT_DIM_PPM_FISCAL_PERIODS_N7	NONUNIQUE	1	PERIOD_NAME_WEEK

Sequences

This table uses no sequences.

RPT_DIM_PROGRAM_CONTENT_MV

This is a materialized view on top of PPM's PGM_PROGRAM_CONTENT table.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
PROGRAM_ID	NOT NULL	NUMBER	ID of a program derived from PGM_PROGRAM_CONTENT table.
LIFECYCLE_ID	NOT NULL	NUMBER	Identifier for the parent of the financial summary.Based on PARENT_ENTITY_ID, the PARENT_ID could be LIFECYCLE_ID in PFM_ LIFECYCLE_PARENT_ ENTITY, ORG_UNIT_ID in KRSC_ORG_UNITS_NLS, PROGRAM_ID in PGM_ PROGRAMS or REQUEST_ID in KCRT_REQUESTS
ACTIVE_REQ_ID	NULLABLE	NUMBER	Identifier of the active request Id
ACTIVE_ENTITY	NOT NULL	VARCHAR2(20)	Active entity name of the program

Indexes

This table uses no indexes.

Sequences

This table uses no sequences.

RPT_DIM_PROGRAMS_MV

This is a materialized view on top of PPM's PGM_PROGRAMS table.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
PROGRAM_ID	NOT NULL	NUMBER	ID of the program derived from PGM_PROGRAMS table
PROGRAM_ NAME	NULLABLE	VARCHAR2(255)	Name of the program
FINANCIAL_ SUMMARY_ID	NULLABLE	NUMBER	ID of a financial summary associated with this program derived from PGM_PROGRAMS table.
USER_DATA1-20	NULLABLE	VARCHAR2(255)	User data segment
VISIBLE_USER_ DATA1-20	NULLABLE	VARCHAR2(255)	User data segment

Indexes

Index Name	Index Type	Sequence	Column Name
PKC_PGM_PROGRAMS1	UNIQUE	1	PROGRAM_ID
RPT_DIM_PROGRAMS_ MV_N5	NONUNIQUE	1	PROGRAM_NAME

Sequences

This table uses no sequences.

RPT_DIM_PROJECTS_MV

This is a materialized view representing the Project dimension in the Star schema.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
PROJECT_ID	NULLABLE	NUMBER	Unique identifier of a project derived from PPM PM_ PROJECTS table
REQUEST_ID	NULLABLE	NUMBER	ID of the request associated with the project
PROJECT_NAME	NULLABLE	VARCHAR2(300)	Name of the project
PROJECT_ DESCRIPTION	NULLABLE	VARCHAR2(650)	Description of the project
REGION_ID	NULLABLE	NUMBER	ID of the associated region with the project
ASSOCIATED_ MSP_PROJECT	NULLABLE	VARCHAR2(255)	The file name and path of the microsoft project if the project is integrated with any MSP file
PROJECT_ MANAGER	NULLABLE	VARCHAR2(4000)	Name of the managers of the project. Names are separated by comma for two or more project managers for the project
START_DATE_ PERIOD	NULLABLE	VARCHAR2(100)	Start period name of the project
FINISH_DATE_ PERIOD	NULLABLE	VARCHAR2(100)	Finish period name of the project
START_DATE_ PERIOD_ID	NULLABLE	NUMBER	ID of the Start period of the project
FINISH_DATE_ PERIOD_ID	NULLABLE	NUMBER	ID of the end period of the project

Column Name	Null?	Data Type	Description
PROJECT_TYPE_ ID	NULLABLE	NUMBER	ID of the Project type this project is created from. It is derived from PROJECT_ TYPE_ID of PPM PM_ PROJECT_TYPES table.
PROJECT_ DISPLAY_ STATUS	NULLABLE	VARCHAR2(255)	Status of the project
PROJECT_ STATUS	NULLABLE	NUMBER	Internal status code of the project
PROJECT_ ACCESS_ID	NULLABLE	NUMBER	Provides project access control information. It is derived from SECURITY_ ENTITY_ID of PPM ITG_ SECURABLE_ENTITIES table.
PROJECT_ COST_ACCESS_ ID	NULLABLE	NUMBER	Provides project cost access control information. It is derived from SECURITY_ ENTITY_ID of ITG_ SECURABLE_ENTITIES table.
PROJECT_ CREATED_BY	NULLABLE	VARCHAR2(200)	ID of the user who created the project
PROJECT_ CREATION_DATE	NULLABLE	DATE	Project creation date
ACTUAL_START_ DATE	NULLABLE	DATE	Actual start date of the project
ACTUAL_FINISH_ DATE	NULLABLE	DATE	Actual finish date of the project
LAST_UPDATE_ DATE	NULLABLE	DATE	Date record was last updated
PROJECT_TYPE_ NAME	NULLABLE	VARCHAR2(255)	Name of the project type
SCHEDULE_ HEALTH_ INDICATOR	NULLABLE	VARCHAR2(255)	A flag for schedule health of the project
ISSUE_HEALTH_ INDICATOR	NULLABLE	VARCHAR2(255)	A flag for issue health of the project

Column Name	Null?	Data Type	Description
COST_HEALTH_ INDICATOR	NULLABLE	VARCHAR2(255)	A flag for cost health of the project
OVERALL_ HEALTH_ INDICATOR	NULLABLE	VARCHAR2(255)	A flag for overall health of the project
PERCENT_ COMPLETE	NULLABLE	FLOAT	Percent complete
ACT_DURATION	NULLABLE	FLOAT	Actual duration of the project
SCHED_ DURATION	NULLABLE	FLOAT	Schedule duration of the project
EST_FINISH_ DATE	NULLABLE	DATE	Estimated finish date of the project
SCHED_START_ DATE	NULLABLE	DATE	Scheduled start date of the project
SCHED_FINISH_ DATE	NULLABLE	DATE	Scheduled finish date of the project

Indexes

This table uses no indexes.

Sequences

This table uses no sequences.

RPT_DIM_REGIONS_MV

This is a materialized view over PPM's KNTA_REGIONS, KDRV_CALENDARS and KCST_CURRENCIES tables. This keeps the information of a region, it's associated calendar and the currency.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
REGION_ID	NOT NULL	NUMBER	REGION_ID is the ID derived from PPM's KNTA_REGIONS table.
REGION_NAME	NOT NULL	VARCHAR2(100)	Name of this region
DESCRIPTION	NULLABLE	VARCHAR2(200)	Description for this region
CALENAR_ID	NOT NULL	NUMBER	ID of the calendar associated with this region derived from PPM's KDRV_CALENDARS table.
CALENDAR_NAME	NULLABLE	VARCHAR2(100)	Name of this calendar
CURRENCY_ID	NOT NULL	NUMBER	ID of the currency associated with this region, derived from PPM's KCST_CURRENCIES table.
CURRENCY_NAME	NOT NULL	VARCHAR2(100)	Name of this currency
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	A flag to indicate if this region is enabled or disabled

Indexes

This table uses no indexes.

Sequences

This table uses no sequences.

RPT_DIM_REQ_DTL_CUSTOM_PARAMS

This table holds detail custom parameters for request entity.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
REQUEST_ID	NOT NULL	NUMBER	Request ID of the request
REQUEST_ TYPE_ID	NOT NULL	NUMBER	The request type ID for this request
BATCH_NUMBER	NOT NULL	NUMBER	This column is used when the custom parameters are more than 50 and the 50 columns provided in the table is insufficient. This corresponds to the PPM table's batch number. For example, if the BATCH_NUMBER is 2 and the parameter number is 4, it is considered as parameter 54.
REQUEST_ TYPE_NAME	NULLABLE	VARCHAR2(80)	Name of this request type
PARAMETER1-40	NULLABLE	VARCHAR2(200)	Value of custom detail parameters used by the customer for this request
VISIBLE_ PARAMETER1-40	NULLABLE	VARCHAR2(200)	Visible value of custom detail parameters used by the customer for this request
PARAMETER41-50	NULLABLE	VARCHAR2(4000)	Value of custom detail parameters used by the customer for this request
VISIBLE_ PARAMETER41-50	NULLABLE	VARCHAR2(4000)	Visible value of custom detail parameters used by the customer for this request

Indexes

Index Name	Index Type	Sequence	Column Name
RPT_REQ_DTL_CSTM_PARAMS_N1	NONUNIQUE	1	REQUEST_ID
RPT_REQ_DTL_CSTM_PARAMS_N2	NONUNIQUE	1	REQUEST_TYPE_ID

Sequences

This table uses no sequences.

RPT_DIM_REQ_HDR_CUSTOM_PARAMS

This table holds header custom parameters for request entities.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
REQUEST_ID	NOT NULL	NUMBER	Request ID of the request
REQUEST_ TYPE_ID	NOT NULL	NUMBER	The request type ID for this request
BATCH_NUMBER	NOT NULL	NUMBER	This column is used when the custom parameters are more than 50 and the 50 columns provided in the table is insufficient. This corresponds to the PPM table's batch number. For example, if the BATCH_NUMBER is 2 and the parameter number is 4, it is considered as parameter 54.
REQUEST_ TYPE_NAME	NULLABLE	VARCHAR2(80)	Name of this request type
PARAMETER1-40	NULLABLE	VARCHAR2(200)	Value of custom header parameters used by the customer for this request
VISIBLE_ PARAMETER1-40	NULLABLE	VARCHAR2(200)	Visible value of custom header parameters used by the customer for this request
PARAMETER41-50	NULLABLE	VARCHAR2(4000)	Value of custom header parameters used by the customer for this request
VISIBLE_ PARAMETER41-50	NULLABLE	VARCHAR2(4000)	Visible value of custom header parameters used by the customer for this request

Indexes

Index Name	Index Type	Sequence	Column Name
RPT_REQ_HDR_CSTM_PARAMS_N1	NONUNIQUE	1	REQUEST_ID
RPT_REQ_HDR_CSTM_PARAMS_N2	NONUNIQUE	1	REQUEST_TYPE_ID

Sequences

This table uses no sequences.

RPT_DIM_REQUESTS

This table holds request information derived from PPM tables. All the fields are derived from PPM request tables.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
SOURCE_ENTITY_TYPE	NULLABLE	VARCHAR2(20)	The type of this request. Proposal, Project, Asset or Other
LIFECYCLE_ID	NULLABLE	NUMBER	This is the PFM entity's (proposal, project, or asset) lifecycle Id. This ID is referring to PPM's PFM_LIFECYCLE_PARENT_ENTITY table.
STAFFING_PROFILE_ID	NULLABLE	NUMBER	ID of staffing profile this entity is attached to
SOURCE_ENTITY_ID	NULLABLE	NUMBER	The request ID of this entity
SPAWNED_PROJECT_ID	NULLABLE	NUMBER	ID of the project that was spawned by this request. This ID refers to PPM's PM_PROJECTS table.
SOURCE_ENTITY_NAME	NULLABLE	VARCHAR2(300)	Name of this entity. If proposal, it is proposal name, if project, it is project's name and so on...
SOURCE_ENTITY_HEALTH_MEANING	NULLABLE	VARCHAR2(80)	Source entity's health meaning obtained from lookup table
SOURCE_ENTITY_HEALTH_CODE	NULLABLE	VARCHAR2(30)	Source entity's health code
SOURCE_ENTITY_MANAGER_ID	NULLABLE	VARCHAR2(4000)	User ID of the source entity's manager

Column Name	Null?	Data Type	Description
SOURCE_ BENEFIT_ MANAGER_ID	NULLABLE	VARCHAR2(4000)	User ID of the source entity's benefit manager.
SOURCE_ENTITY_ FIN_SUMMARY_ID	NULLABLE	NUMBER	ID of financial summary that is attached to this entity
SOURCE_ENTITY_ FIN_SUMMARY_ NAME	NULLABLE	VARCHAR2(1500)	Name of financial summary that is attached to this entity
ENTITY_ PROJECT_CLASS_ MEANING	NULLABLE	VARCHAR2(80)	Project's class meaning derived from lookups
ENTITY_ PROJECT_CLASS_ CODE	NULLABLE	VARCHAR2(30)	Project's class code
ENTITY_ASSET_ CLASS_MEANING	NULLABLE	VARCHAR2(80)	Asset's class meaning derived from lookups
ENTITY_ASSET_ CLASS_CODE	NULLABLE	VARCHAR2(30)	Asset's class code
BUSINESS_ OBJECTIVE_NAME	NULLABLE	VARCHAR2(80)	Business objective name of this entity
BUSINESS_ OBJECTIVE_ID	NULLABLE	NUMBER	Business objective ID of this entity
BUSINESS_UNIT	NULLABLE	VARCHAR2(80)	Business unit of this entity derived from lookups
BUSINESS_UNIT_ CODE	NULLABLE	VARCHAR2(30)	Business unit code of this entity
ENTITY_REGION	NULLABLE	VARCHAR2(100)	Name of the region this entity belongs to
ENTITY_REGION_ ID	NULLABLE	NUMBER	ID of the region this entity belongs to
RETURN_ON_ INVESTMENT	NULLABLE	NUMBER	ROI of this request
NET_PRESENT_ VALUE	NULLABLE	NUMBER	NPV of this request
CUSTOM_FIELD_ VALUE	NULLABLE	NUMBER	Financial metric for this entity
TOTAL_SCORE	NULLABLE	NUMBER	Total score of this entity

Column Name	Null?	Data Type	Description
VALUE_RATING	NULLABLE	NUMBER	The score for score domain "Value"
RISK_RATING	NULLABLE	NUMBER	The score for score domain "Risk"
DISCOUNT_RATE	NULLABLE	NUMBER	Discount rate for this entity
REQUEST_ID	NOT NULL	NUMBER	Unique identifier for this request
REQUEST_TYPE_ ID	NULLABLE	NUMBER	The type of this request
REQUEST_TYPE_ NAME	NULLABLE	VARCHAR2(80)	Name of this request type
ENTITY_STATUS	NULLABLE	VARCHAR2(80)	Status of this entity
PRIORITY	NULLABLE	VARCHAR2(150)	Priority of this entity derived from lookups table
DEPARTMENT	NULLABLE	VARCHAR2(150)	Department of this entity derived from lookups table
APPLICATION	NULLABLE	VARCHAR2(150)	Application of this entity derived from lookups table
WORKFLOW_ NAME	NULLABLE	VARCHAR2(150)	Name of the workflow associated with this entity
DESCRIPTION	NULLABLE	VARCHAR2(3000)	Description given to this request
ACTIVE_ WORKFLOW_ STEP_NAME	NULLABLE	VARCHAR2(2000)	Name of the active workflow step
CREATED_BY	NULLABLE	VARCHAR2(200)	Identifier for the user who created the record
CREATION_DATE	NULLABLE	DATE	Date record was created
CONTACT_NAME	NULLABLE	VARCHAR2(200)	The full name of the contact person for this request
CONTACT_PHONE	NULLABLE	VARCHAR2(30)	The phone number for this contact person
CONTACT_EMAIL	NULLABLE	VARCHAR2(80)	The email for this contact person

Column Name	Null?	Data Type	Description
ASSIGNED_TO	NULLABLE	VARCHAR2(200)	User ID that this request is assigned to
USER_DATA1-20	NULLABLE	VARCHAR2(200)	User data segment
VISIBLE_USER_ DATA1-20	NULLABLE	VARCHAR2(200)	User data segment

Indexes

Index Name	Index Type	Sequence	Column Name
RPT_DIM_REQUESTS_N1	NONUNIQUE	1	SOURCE_ENTITY_ID
RPT_DIM_REQUESTS_N2	NONUNIQUE	1	SOURCE_ENTITY_ TYPE
RPT_DIM_REQUEST_PK	UNIQUE	1	REQUEST_ID

Sequences

This table uses no sequences.

RPT_DIM_RM_POSITIONS

This is a materialized view and stores the position information for a given staffing profile.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
POSITION_ID	NOT NULL	NUMBER	Unique identifier to represent this position and is derived from PPM RSC_ POSTIONS table.
STAFFING_ PROFILE_ID	NULLABLE	NUMBER	This is a foreign to the parent table RPT_DIM_RM_ STAFF_PROFILES. Although there is no explicit foreign key constraint on this column.
RESOURCE_ POOL_ID	NULLABLE	VARCHAR2(40)	The resource pool ID from which the resources are requested to fill this position.
POSITION_NAME	NULLABLE	VARCHAR2(255)	Name of this position.
ROLE_NAME	NOT NULL	VARCHAR2(260)	The role selected for this position. Note the resource assigned to this position may have a different role than the role specified on this position.
USER_DATA1-20	NULLABLE	VARCHAR2(255)	User data segment
VISIBLE_USER_ DATA1-20	NULLABLE	VARCHAR2(255)	User data segment

Indexes

Index Name	Index Type	Sequence	Column Name
RPT_DIM_RM_ POSITIONS_N4	NONUNIQUE	1	POSITION_ID
RPT_DIM_RM_ POSITIONS_N5	NONUNIQUE	1	POSITION_NAME

Sequences

This table uses no sequences.

RPT_DIM_RM_RESOURCEPOOLMGRS

This is an association table to establish the many-to-many relationship between the RPT_DIM_RM_RESOURCES and RPT_DIM_RM_RESOURCEPOOLS tables.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
RESOURCE_POOL_ID	NOT NULL	NUMBER	System-generated identifier and points to the RPT_DIM_RM_RESOURCE_POOLS.RESOURCE_POOL_ID
RESOURCEPOOL_MGR_USR_ID	NOT NULL	NUMBER	System-generated identifier and points to the RPT_DIM_RM_RESOURCES.RESOURCE_ID
RESOURCE_POOL_NAME	NULLABLE	VARCHAR2(260)	The resource pool name same as in RPT_DIM_RM_RESOURCE_POOLS.RESOURCE_POOL_NAME. The data in this column has been denormalized for reports/universe as many to many relationship is not supported in the universe.
RESOURCEPOOL_MANAGER_NAME	NULLABLE	VARCHAR2(200)	The resource pool manager name (resource name) same as in RPT_DIM_RM_RESOURCES.RESOURCE_NAME. The data in this column has been denormalized for reports/universe as many to many relationship is not supported in the universe.

Indexes

This table uses no indexes.

Sequences

This table uses no sequences.

RPT_DIM_RM_RESOURCEPOOLS

This is a materialized view on top of PPM's RSC_RESOURCE_POOLS table with additional logic to build the resource pool hierarchy.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
RANK	NULLABLE	NUMBER	Specifies what is the level of this resource pool in the hierarchy. The rank starts with number 1. 1 being the root.
RESOURCE_ POOL_ID	NULLABLE	NUMBER	ID derived from the PPM RSC_ RESOURCE_POOLS table.
RESOURCE_ POOL_NAME	NULLABLE	VARCHAR2(260)	Name of this resource pool derived from the under lying RSC_RESOURCE_POOLS table.
ORG_UNIT_ID	NULLABLE	NUMBER	ID of the org unit this resource pool is tied to. In the original PPM table, this represents a foreign key to the KRSC_ ORG_UNIT table.
REGION_ID	NULLABLE	NUMBER	ID of the region this resource pool is tied to. In the original PPM table, this represents a foreign key to the KNTA_ REGIONS table.
DIRECT_ PARENT_RES_ POOL_ID	NULLABLE	NUMBER	ID of the immediate parent resource pool
DIRECT_ PARENT_RES_ POOL_NAME	NULLABLE	VARCHAR2(4000)	Name of the immediate parent resource pool
PARENT_ RESOURCE_ POOL_ID1	NULLABLE	VARCHAR2(4000)	ID of the root resource pool in the hierarchy, level 1 or rank 1

Column Name	Null?	Data Type	Description
PARENT_ RESOURCE_ POOL_NAME1	NULLABLE	VARCHAR2(4000)	Name of the root resource pool in the hierarchy, level 1 or rank 1
PARENT_ RESOURCE_ POOL_ID2	NULLABLE	VARCHAR2(4000)	ID of the root resource pool in the hierarchy, level 2 or rank 2
PARENT_ RESOURCE_ POOL_NAME2	NULLABLE	VARCHAR2(4000)	Name of the root resource pool in the hierarchy, level 2 or rank 2
PARENT_ RESOURCE_ POOL_ID3	NULLABLE	VARCHAR2(4000)	ID of the root resource pool in the hierarchy, level 3 or rank 3
PARENT_ RESOURCE_ POOL_NAME3	NULLABLE	VARCHAR2(4000)	Name of the root resource pool in the hierarchy, level 3 or rank 3.
PARENT_ RESOURCE_ POOL_ID4	NULLABLE	VARCHAR2(4000)	ID of the root resource pool in the hierarchy, level 4 or rank 4.
PARENT_ RESOURCE_ POOL_NAME4	NULLABLE	VARCHAR2(4000)	Name of the root resource pool in the hierarchy, level 4 or rank 4.
PARENT_ RESOURCE_ POOL_ID5	NULLABLE	VARCHAR2(4000)	ID of the root resource pool in the hierarchy, level 5 or rank 5.
PARENT_ RESOURCE_ POOL_NAME5	NULLABLE	VARCHAR2(4000)	Name of the root resource pool in the hierarchy, level 5 or rank 5.
PARENT_ RESOURCE_ POOL_ID6	NULLABLE	VARCHAR2(4000)	ID of the root resource pool in the hierarchy, level 6 or rank 6.
PARENT_ RESOURCE_ POOL_NAME6	NULLABLE	VARCHAR2(4000)	Name of the root resource pool in the hierarchy, level 6 or rank 6.
PARENT_ RESOURCE_ POOL_ID7	NULLABLE	VARCHAR2(4000)	ID of the root resource pool in the hierarchy, level 7 or rank 7.
PARENT_ RESOURCE_ POOL_NAME7	NULLABLE	VARCHAR2(4000)	Name of the root resource pool in the hierarchy, level 7 or rank 7.

Column Name	Null?	Data Type	Description
PARENT_ RESOURCE_ POOL_ID8	NULLABLE	VARCHAR2(4000)	ID of the root resource pool in the hierarchy, level 8 or rank 8.
PARENT_ RESOURCE_ POOL_NAME8	NULLABLE	VARCHAR2(4000)	Name of the root resource pool in the hierarchy, level 8 or rank 8.
PARENT_ RESOURCE_ POOL_ID9	NULLABLE	VARCHAR2(4000)	ID of the root resource pool in the hierarchy, level 9 or rank 9.
PARENT_ RESOURCE_ POOL_NAME9	NULLABLE	VARCHAR2(4000)	Name of the root resource pool in the hierarchy, level 9 or rank 9.
PARENT_ RESOURCE_ POOL_ID10	NULLABLE	VARCHAR2(4000)	ID of the root resource pool in the hierarchy, level 10 or rank 10.
PARENT_ RESOURCE_ POOL_NAME10	NULLABLE	VARCHAR2(4000)	Name of the root resource pool in the hierarchy, level 10 or rank 10.
USER_DATA1-20	NULLABLE	VARCHAR2(255)	User data segment
VISIBLE_USER_ DATA1-20	NULLABLE	VARCHAR2(255)	User data segment

Indexes

Index Name	Index Type	Sequence	Column Name
RPT_DIM_RM_ RESOURCEPOOLS_N8	NONUNIQUE	1	RESOURCE_ POOL_ID
RPT_DIM_RM_ RESOURCEPOOLS_N9	NONUNIQUE	1	RESOURCE_ POOL_NAME

Sequences

This table uses no sequences.

RPT_DIM_RM_RESOURCES

This is a materialized view over PPM's RSC_RESOURCES, KNTA_USERS, KRSC_ORG_UNITS, RSC_ROLES, and so on. This is one of the dimensional tables in RM star schema.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
RESOURCE_ID	NULLABLE	NUMBER	RESOURCE_ID derived from PPM's RSC_ RESOURCES table
USER_NAME	NULLABLE	VARCHAR2(200)	USER_NAME is the resource's username that is derived from KNTA_USERS table
FIRST_NAME	NULLABLE	VARCHAR2(80)	FIRST_NAME is the resource's first name that is derived from KNTA_USERS table
LAST_NAME	NULLABLE	VARCHAR2(80)	LAST_NAME is the resource's last name that is derived from KNTA_USERS table
EMAIL_ADDRESS	NULLABLE	VARCHAR2(80)	EMAIL_ADDRESS is the resource's email address that is derived from KNTA_ USERS table
PHONE_ NUMBER	NULLABLE	VARCHAR2(30)	PHONE_NUMBER is the resource's phone number that is derived from KNTA_ USERS table
LOCATION_ CODE	NULLABLE	VARCHAR2(150)	LOCATION_CODE contains the meaning of resource's location from knta_lookups

Column Name	Null?	Data Type	Description
RESOURCE_ CATEGORY	NULLABLE	VARCHAR2(150)	RESOURCE_CATEGORY contains the meaning of resource's category from knta_lookups
DEPARTMENT	NULLABLE	VARCHAR2(150)	DEPARTMENT contains the meaning of resource's department from knta_ lookups
COMPANY	NULLABLE	VARCHAR2(150)	COMPANY contains the meaning of resource's company from knta_lookups
TITLE	NULLABLE	VARCHAR2(150)	TITLE contains the meaning of resource's title from knta_ lookups
ROLE_NAME	NULLABLE	VARCHAR2(260)	Resource's role name, denormalized.
PRIMARY_ROLE_ ID	NULLABLE	NUMBER	Primary role ID of this resource. PPM just supports one role per resource in the application, although it says primary.
REGION_ID	NULLABLE	NUMBER	Region to which this resource is associated to
CALENDAR_ NAME	NULLABLE	VARCHAR2(100)	Name of the regional calendar (the calendar that is associated to resource's region)
START_DATE	NULLABLE	DATE	Start date for the resource. This is a required field for any resource in the system.
END_DATE	NULLABLE	DATE	End date of a resource and this is not a required field.
MANAGER_ID	NULLABLE	NUMBER	USER_ID of the resource's direct manager
MANAGER_ FIRST_NAME	NULLABLE	VARCHAR2(80)	Direct manager's first name
MANAGER_ LAST_NAME	NULLABLE	VARCHAR2(80)	Direct manager's last name

Column Name	Null?	Data Type	Description
LEVEL1_ MANAGER_ID	NULLABLE	VARCHAR2(4000)	USER_ID of top level manager of this resource
LEVEL1_ MANAGER_ FIRST_NAME	NULLABLE	VARCHAR2(4000)	FIRST_NAME of top level manager of this resource
LEVEL1_ MANAGER_ LAST_NAME	NULLABLE	VARCHAR2(4000)	LAST_NAME of top level manager of this resource
LEVEL2_ MANAGER_ ID	NULLABLE	VARCHAR2(4000)	USER_ID of level 2 manager of this resource
LEVEL2_ MANAGER_ FIRST_NAME	NULLABLE	VARCHAR2(4000)	FIRST_NAME of level 2 manager of this resource
LEVEL2_ MANAGER_ LAST_NAME	NULLABLE	VARCHAR2(4000)	LAST_NAME of level 2 manager of this resource
LEVEL3_ MANAGER_ ID	NULLABLE	VARCHAR2(4000)	USER_ID of level 3 manager of this resource
LEVEL3_ MANAGER_ FIRST_NAME	NULLABLE	VARCHAR2(4000)	FIRST_NAME of level 3 manager of this resource
LEVEL3_ MANAGER_ LAST_NAME	NULLABLE	VARCHAR2(4000)	LAST_NAME of level 3 manager of this resource
LEVEL4_ MANAGER_ ID	NULLABLE	VARCHAR2(4000)	USER_ID of level 4 manager of this resource
LEVEL4_ MANAGER_ FIRST_NAME	NULLABLE	VARCHAR2(4000)	FIRST_NAME of level 4 manager of this resource
LEVEL4_ MANAGER_ LAST_NAME	NULLABLE	VARCHAR2(4000)	LAST_NAME of level 4 manager of this resource
LEVEL5_ MANAGER_ ID	NULLABLE	VARCHAR2(4000)	USER_ID of level 5 manager of this resource
LEVEL5_ MANAGER_ FIRST_NAME	NULLABLE	VARCHAR2(4000)	FIRST_NAME of level 5 manager of this resource

Column Name	Null?	Data Type	Description
LEVEL5_ MANAGER_ LAST_NAME	NULLABLE	VARCHAR2(4000)	LAST_NAME of level 5 manager of this resource
LEVEL6_ MANAGER_ID	NULLABLE	VARCHAR2(4000)	USER_ID of level 6 manager of this resource
LEVEL6_ MANAGER_ FIRST_NAME	NULLABLE	VARCHAR2(4000)	FIRST_NAME of level 6 manager of this resource
LEVEL6_ MANAGER_ LAST_NAME	NULLABLE	VARCHAR2(4000)	LAST_NAME of level 6 manager of this resource
LEVEL7_ MANAGER_ID	NULLABLE	VARCHAR2(4000)	USER_ID of level 7 manager of this resource
LEVEL7_ MANAGER_ FIRST_NAME	NULLABLE	VARCHAR2(4000)	FIRST_NAME of level 7 manager of this resource
LEVEL7_ MANAGER_ LAST_NAME	NULLABLE	VARCHAR2(4000)	LAST_NAME of level 7 manager of this resource
LEVEL8_ MANAGER_ID	NULLABLE	VARCHAR2(4000)	USER_ID of level 8 manager of this resource
LEVEL8_ MANAGER_ FIRST_NAME	NULLABLE	VARCHAR2(4000)	FIRST_NAME of level 8 manager of this resource
LEVEL8_ MANAGER_ LAST_NAME	NULLABLE	VARCHAR2(4000)	LAST_NAME of level 8 manager of this resource
LEVEL9_ MANAGER_ID	NULLABLE	VARCHAR2(4000)	USER_ID of level 9 manager of this resource
LEVEL9_ MANAGER_ FIRST_NAME	NULLABLE	VARCHAR2(4000)	FIRST_NAME of level 9 manager of this resource
LEVEL9_ MANAGER_ LAST_NAME	NULLABLE	VARCHAR2(4000)	LAST_NAME of level 9 manager of this resource
LEVEL10_ MANAGER_ID	NULLABLE	VARCHAR2(4000)	USER_ID of level 10 manager of this resource

Column Name	Null?	Data Type	Description
LEVEL10_ MANAGER_ FIRST_NAME	NULLABLE	VARCHAR2(4000)	FIRST_NAME of level 10 manager of this resource
LEVEL10_ MANAGER_ LAST_NAME	NULLABLE	VARCHAR2(4000)	LAST_NAME of level 10 manager of this resource
PRIMARY_ORG_ UNIT_ID	NULLABLE	NUMBER	Resource's primary org unit
NAMED_ RESOURCE_ FLAG	NULLABLE	VARCHAR2(1)	Flag to indicate if this resource is a named or unnamed resource
TM_APPROVER	NULLABLE	VARCHAR2(4000)	Username of this resource's time approver
TM_APPROVER_ SEC_GRP	NULLABLE	VARCHAR2(4000)	The security group name who can approve the time sheet
TM_BILLING_ APPROVER	NULLABLE	VARCHAR2(4000)	Username of this resource's billing approver
TM_BILLING_ APPROVER_ SEC_GRP	NULLABLE	VARCHAR2(4000)	The security group name for resource's billing approvals
USER_DATA1-20	NULLABLE	VARCHAR2(200)	User data segment
VISIBLE_USER_ DATA1-20	NULLABLE	VARCHAR2(200)	User data segment

Indexes

This table uses no indexes.

Sequences

This table uses no sequences.

RPT_DIM_RM_ROLES

This is a materialized view over PPM's RSC_ROLES table. It is a simple table with role's details.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
ROLE_ID	NOT NULL	NUMBER	ROLE_ID derived from PPM's RSC_ROLES table
ROLE_NAME	NOT NULL	VARCHAR2(260)	Name of this role
DESCRIPTION	NULLABLE	VARCHAR2(650)	Description of this role
ENABLED_FLAG	NULLABLE	VARCHAR2(1)	Flag to indicate if this role is enabled or disabled

Indexes

Index Name	Index Type	Sequence	Column Name
PKC_RSC_ ROLES_NLS1	UNIQUE	1	ROLE_ID
RPT_DIM_RM_ ROLES_N14	NONUNIQUE	1	ROLE_NAME

Sequences

This table uses no sequences.

RPT_DIM_RM_STAFF_PROFILES

This is a materialized view that contains information from PPM's RSC_ STAFFING_PROFILES table.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
STAFFING_ PROFILE_ID	NULLABLE	NUMBER	Unique identifier that determines a staffing profile and derived from PPM RSC_STAFFING_ PROFILES table.
STAFFING_ PROFILE_NAME	NULLABLE	VARCHAR2(300)	Name of this staffing profile
REGION_ID	NULLABLE	NUMBER	Region attached to this staffing profile
DESCRIPTION	NULLABLE	VARCHAR2(650)	Description of this staffing profile
ORG_UNIT_ CONTAINER_ID	NULLABLE	NUMBER	Org_unit ID if the parent type of this staffing profile is org unit
PFM_ENTITY_ CONTAINER_ID	NULLABLE	NUMBER	The PFM entity ID if the parent type of this staffing profile is PFM entity
CONTAINER_ TYPE	NULLABLE	VARCHAR2(150)	Staffing profile's parent type, like org unit or Proposal, Project or Asset
CONTAINER_ NAME	NULLABLE	VARCHAR2(4000)	Name of the staffing profile's parent or container
WORKLOAD_ CATEGORY	NULLABLE	VARCHAR2(4000)	Workload category of this staffing profile. This represents the meaning as in lookup table.
CREATED_ON	NULLABLE	DATE	Date when this staffing profile was created

Column Name	Null?	Data Type	Description
CREATED_BY	NULLABLE	VARCHAR2(200)	Identifier for the user who created the record
START_DATE	NULLABLE	DATE	Start_date of this staffing profile as mentioned in it's header
FINISH_DATE	NULLABLE	DATE	Finish date of this staffing profile as mentioned in it's header
IS_BASELINE_ FLAG	NULLABLE	VARCHAR2(150)	A flag to represent if this staffing profile is a base line staffing profile
IS_CONSIDERED_ WORKLOAD_ FLAG	NULLABLE	VARCHAR2(150)	A flag to represent if this staffing profile is considered as workload category
STATUS_CODE	NULLABLE	NUMBER	Status code of this staffing profile
STATUS	NULLABLE	VARCHAR2(150)	Status of this staffing profile. Meaning for the above status code for this SP
USER_DATA1-20	NULLABLE	VARCHAR2(255)	User data segment
VISIBLE_USER_ DATA1-20	NULLABLE	VARCHAR2(255)	User data segment

Indexes

Index Name	Index Type	Sequence	Column Name
RPT_DIM_RM_STAFF_ PROFILES_N1	NONUNIQUE	1	STAFFING_ PROFILE_ID
RPT_DIM_RM_STAFF_ PROFILES_N2	NONUNIQUE	1	STAFFING_ PROFILE_NAME
RPT_DIM_RM_STAFF_ PROFILES_N3	NONUNIQUE	1	IS_BASELINE_ FLAG

Sequences

This table uses no sequences.

RPT_DIM_TM_ACTIVITIES_MV

This table stores the definition of each PPM Activity.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
ACTIVITY_ID	NOT NULL	NUMBER	ID derived from the PPM ITG_ACTIVITIES table
ACTIVITY_NAME	NOT NULL	VARCHAR2(255)	Name of the activity
DESCRIPTION	NULLABLE	VARCHAR2(650)	Description of the activity
ENABLED_FLAG	NULLABLE	VARCHAR2(1)	Indicates whether the activity is enabled
CAPEX_OPEX_ ENABLED_FLAG	NULLABLE	VARCHAR2(1)	Indicates whether the Activity can be capitalized. Y indicates that the Activity can be capitalized.
CATEGORY	NULLABLE	VARCHAR2(150)	Indicates the SOP 98-1 Category for the activity.

Indexes

This table uses no indexes.

Sequences

This table uses no sequences.

RPT_DIM_TM_CHARGE_CODES_MV

This table stores the definition of each PPM charge code.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
CHARGE_CODE_ID	NOT NULL	NUMBER	ID derived from the PPM KTMG_CHARGE_CODES table.
CHARGE_CODE_NAME	NOT NULL	VARCHAR2(80)	Name of the charge code
DESCRIPTION	NOT NULL	VARCHAR2(240)	Description of the charge code
CHARGE_CODE_CATEGORY	NULLABLE	VARCHAR2(150)	Category of the charge code
DEPARTMENT	NULLABLE	VARCHAR2(150)	Department of the charge code
CLIENT	NULLABLE	VARCHAR2(150)	Client of the charge code
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether the charge code is enabled.

Indexes

This table uses no indexes.

Sequences

This table uses no sequences.

RPT_DIM_TM_PERIODS_MV

This table defines the time periods used in Time Management.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
PERIOD_ID	NOT NULL	NUMBER	ID derived from the PPM KTMG_PERIODS table.
PERIOD_NAME	NOT NULL	VARCHAR2(80)	User defined name for the period.
PERIOD_TYPE_NAME	NOT NULL	VARCHAR2(80)	Name of the period type
START_DATE	NOT NULL	DATE	Date on which the period starts (inclusive).
END_DATE	NOT NULL	DATE	Date on which the period ends (inclusive).

Indexes

This table uses no indexes.

Sequences

This table uses no sequences.

RPT_DIM_TM_TIME_SHEET_LINES

This table stores the definition of each Time Sheet line within the ETL range derived from the PPM TM_TIME_SHEET_LINES table.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
TIME_SHEET_LINE_ID	NOT NULL	NUMBER	ID derived from the PPM TM_TIME_SHEET_LINES table
TIME_SHEET_ID	NOT NULL	VARCHAR2(260)	Foreign key to the Time Sheet ID from RPT_DIM_TM_TIME_SHEETS table
STATE	NULLABLE	NUMBER	Time Sheet Line state.
WORK_ITEM_TYPE	NULLABLE	VARCHAR2(255)	Indicates the type of item derived from the PPM TM_TIME_SHEET_LINES table. Valid values are REQUEST, PACKAGE, TASK, PROJECT, and MISC
WORK_ITEM_SET_TYPE	NULLABLE	VARCHAR2(12)	Indicates the type of item set. Valid values are REQUEST_TYPE, WORKFLOW, PROJECT, and MISC
WORK_ITEM_ID	NULLABLE	VARCHAR2(255)	Identifies the item that this line represents derived from the PPM TM_TIME_SHEET_LINES table. Valid values represent Request IDs, Package IDs, Task IDs, and Miscellaneous Items

Column Name	Null?	Data Type	Description
WORK_ITEM_ SET_ID	NULLABLE	VARCHAR2(255)	Identifies the parent type of the item derived from the PPM TM_TIME_SHEET_ LINES table. Valid values represent Request Types, Workflows, Projects, and Miscellaneous Items
TASK_ID	NULLABLE	VARCHAR2(255)	Identifies the PPM Task against which time is logged for this line
REQUEST_ID	NULLABLE	VARCHAR2(255)	Identifies the PPM Request against which time is logged for this line
PACKAGE_ID	NULLABLE	VARCHAR2(255)	Identifies the PPM Package against which time is logged for this line
MISC_CODE	NULLABLE	VARCHAR2(255)	Identifies the name of the PPM Miscellaneous Item against which time is logged for this line
REQUEST_ TYPE_ID	NULLABLE	VARCHAR2(255)	Identifies the PPM request type for the request work item, if it exists for the line
MASTER_ PROJECT_ID	NULLABLE	VARCHAR2(255)	Identifies the PPM Project for the Task or Project Work Item, if it exists for the line
ACTUAL_ APPROVER_ USER_ID	NULLABLE	VARCHAR2(40)	Identifies the PPM Resource who approved this line. This is a foreign key into the RPT_DIM_RM_ RESOURCES table
USER_DATA1-20	NULLABLE	VARCHAR2(255)	User data segment
VISIBLE_USER_ DATA1-20	NULLABLE	VARCHAR2(255)	User data segment
WORK_ITEM_ NAME	NULLABLE	VARCHAR2(300)	Name of the work item entity against which time is logged for this line

Column Name	Null?	Data Type	Description
WORK_ITEM_ SET_NAME	NULLABLE	VARCHAR2(300)	Name of the parent entity against which time is logged for this line
REQUEST_ TYPE_NAME	NULLABLE	VARCHAR2(80)	PPM Request Type against which time is logged for this line, the WORK_ITEM_ TYPE is 'REQUEST'
TASK_NAME	NULLABLE	VARCHAR2(300)	PPM Task Name against which time is logged for this line, the WORK_ITEM_ TYPE is 'TASK' or 'PROJECT'
PROJECT_NAME	NULLABLE	VARCHAR2(300)	PPM Project Name against which time is logged for this line, the WORK_ITEM_ TYPE is 'TASK' or 'PROJECT'
PACKAGE_ NUMBER	NULLABLE	VARCHAR2(40)	PPM Package Number against which time is logged for this line, the WORK_ ITEM_TYPE is 'PACKAGE'
CHARGE_CODE_ ID	NULLABLE	NUMBER	Foreign key to RPT_DIM_ TM_CHARGE_CODES_MV
CHARGE_ PERCENT	NULLABLE	FLOAT	Percentage for Charge code
MISC_NAME	NULLABLE	VARCHAR2(150)	PPM Miscellaneous Name against which time is logged for this line when WORK_ ITEM_TYPE is 'MISC'
ACTUAL_ APPROVER_ FIRST_NAME	NULLABLE	VARCHAR2(80)	First Name of the PPM Resource who approved the line
ACTUAL_ APPROVER_ LAST_NAME	NULLABLE	VARCHAR2(80)	Last Name of the PPM Resource who approved the line
NLS_STATUS	NULLABLE	VARCHAR2(150)	Status of the Time Sheet Line in the PPM definition language

Indexes

Index Name	Index Type	Sequence	Column Name
RPT_DIM_TM_TIME_SHEET_LIN_1	NONUNIQUE	1	TIME_SHEET_ID
RPT_DIM_TM_TIME_SHEET_LIN_1	NONUNIQUE	2	STATE

Sequences

This table uses no sequences.

RPT_DIM_TM_TIME_SHEETS

This table stores the definition of each Time Sheet within the ETL range derived from the PPM TM_TIME_SHEETS table.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
TIME_SHEET_ID	NOT NULL	NUMBER	ID derived from the PPM TM_TIME_SHEETS table
CREATION_DATE	NOT NULL	DATE	Date on which the time sheet was created.
CREATED_BY	NOT NULL	NUMBER	ID for the user derived who created the time sheet.
RESOURCE_ID	NOT NULL	NUMBER	ID for the user for whom the time sheet was created. This is a foreign key into the RPT_DIM_RM_ RESOURCES
DESCRIPTION	NULLABLE	VARCHAR2(650)	Description of the time sheet.
PERIOD_ID	NULLABLE	NUMBER	ID for the period. This is a foreign key to the RPT_ DIM_TM_PERIODS_MV
STATUS	NULLABLE	VARCHAR2(150)	Status for the Time Sheet.
TIME_SHEET_ NUMBER	NULLABLE	NUMBER	Time Sheet Number.
REQUIRED_ FLAG	NULLABLE	VARCHAR2(1)	Indicates whether a time sheet is required for this period based on the Time Sheet Policy for the resource

Indexes

Index Name	Index Type	Sequence	Column Name
RPT_DIM_TM_TIME_SHEETS_1	NONUNIQUE	1	TIME_SHEET_ID
RPT_DIM_TM_TIME_SHEETS_1	NONUNIQUE	2	STATUS

Sequences

This table uses no sequences.

RPT_ETL_JOB

This table stores the detail information of the jobs ran for incremental ETL

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
ETL_JOB_ID	NOT NULL	NUMBER	Unique identifier to represent a scheduled job
ETL_NAME	NOT NULL	VARCHAR2(64)	Name of the ETL identifying ETL process for different modules, for example, Common, Resource Management, Financial management or Time Management.
JOB_NAME	NOT NULL	VARCHAR2(64)	Name of the ETL module
JOB_TYPE	NOT NULL	NUMBER	Numeric value representing job type auto(0) or manual(1)
BATCH_ID	NOT NULL	NUMBER	Unique ID that corresponds to an ETL execution which is comprised of processing ETL for multiple modules, for example, Common, Resource Management, Financial Management or Time Management.
ETL_WINDOW_ START_TIME	NULLABLE	DATE	The timestamp that indicates the beginning mark of CDC subscription window used when processing changes during scheduled job execution for incremental ETL

Column Name	Null?	Data Type	Description
ETL_WINDOW_END_TIME	NULLABLE	DATE	The timestamp that indicates the ending mark of CDC subscription window used when processing changes during scheduled job execution for incremental ETL
EXEC_START_TIME	NULLABLE	DATE	The timestamp when the specific ETL module started execution
EXEC_END_TIME	NULLABLE	DATE	The timestamp when the specific ETL module finished execution
STATUS	NOT NULL	VARCHAR2(64)	Status of the individual ETL module indicating whether it completed, failed or running
DESCRIPTION	NULLABLE	VARCHAR2(200)	Description of the steps executed successfully in ETL module

Indexes

This table uses no indexes.

Sequences

This table uses no sequences.

RPT_EVENT_DEF

This table stores the various types of event that are logged by various steps during FULL ETL and incremental ETL process.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
EVENT_ID	NOT NULL	NUMBER	Identifier of the event type
EVENT_ DESCRIPTION	NOT NULL	VARCHAR2(512)	Description of the event type

Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C003623227	UNIQUE	1	EVENT_ID

Sequences

This table uses no sequences.

RPT_EVENT_LOG

This table stores the events with error or information logged during various steps executed during the FULL ETL or incremental ETL.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
EVENT_LOG_ID	NOT NULL	NUMBER	Identifier to represent an event log. It refers to the EVENT_LOG_ID in RPT_EVENT_LOG_DETAIL table
EVENT_TIME	NOT NULL	DATE	The timestamp when the event occurs
EVENT_ID	NOT NULL	NUMBER	Identifier to represent an event type. This refers to the EVENT_ID column in RPT_EVENT_DEF
ETL_JOB_ID	NULLABLE	NUMBER	Identifier to relate with ETL JOB. This refers to the ETL_JOB_ID column in RPT_ETL_JOB table

Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C003623231	UNIQUE	1	EVENT_LOG_ID

Sequences

This table uses no sequences.

RPT_EVENT_LOG_DETAIL

This table stores the detail logging information from various steps performed during FULL ETL and incremental ETL process. Information in this table can be used for debugging, troubleshooting problems that occur during FULL ETL or incremental ETL process.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
EVENT_LOG_ID	NOT NULL	NUMBER	Unique identifier to represent an event log detail
EVENT_TIME	NOT NULL	DATE	The time stamp indicating when the event occurred
MODULE_NAME	NULLABLE	VARCHAR2(512)	Name of the module that generated the event
FUNC_NAME	NULLABLE	VARCHAR2(256)	The SQL procedure name which logged the event
FILE_NAME	NULLABLE	VARCHAR2(512)	Name of the file where the SQL procedure is defined that generated the event
LINE_NO	NULLABLE	NUMBER	Line number in the file where the SQL procedure has logged the event
MSG	NULLABLE	VARCHAR2(1024)	The descriptive message of the error or information

Indexes

This table uses no indexes.

Sequences

This table uses no sequences.

RPT_FCT_FM_APPROVED_BUDGETS

This is a fact table in reporting Star schema that contains the approved budget information of lifecycle entities, programs and org units. The approved budget information is stored at year granularity.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
FACT_ID	NOT NULL	NUMBER	ID derived from FM_ APPROVED_BUDGETS table
FINANCIAL_ SUMMARY_ID	NOT NULL	NUMBER	ID of the financial summary derived from FM_FINANCIAL_ SUMMARY table
DIRECT_ PARENT_ID	NOT NULL	NUMBER	ID of proposal, project, asset, program, org unit with which this financial summary is associated. This ID is derived from PFM_LIFECYCLE_ PARENT_ENTITY table for currently active entity.
DIRECT_ PARENT_TYPE	NOT NULL	VARCHAR2(20)	Type of parent entity (project, proposal, asset, program, org unit)
DIRECT_ PARENT_NAME	NOT NULL	VARCHAR2(500)	Name of a proposal, project, asset, program, or org unit associated with the financial summary
REGION_ID	NULLABLE	NUMBER	ID of the region with which the cost is associated with derived from
PERIOD_ID	NOT NULL	NUMBER	ID of the period with which the cost is associated with derived from FM_APPROVED_ BUDGETS table

Column Name	Null?	Data Type	Description
AMOUNT_BASE	NULLABLE	NUMBER	Approved cost aggregated for a given year, displayed in base currency
AMOUNT_LOCAL	NULLABLE	NUMBER	Approved cost aggregated for a given year, displayed in local currency
EXPENSE_ TYPE_CODE	NULLABLE	VARCHAR2(40)	Indicates the expense type (capital or operating)

Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C003624083	UNIQUE	1	FACT_ID

Sequences

This table uses no sequences.

RPT_FCT_FM_FA_APPROVED_MV

This is a fact table in reporting Star schema that contains the approved budget, forecast and actual information of financial summary of lifecycle entities, programs and org units. This information is stored at year granularity.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
FINANCIAL_ SUMMARY_ID	NULLABLE	NUMBER	ID of a financial summary derived from RPT_FCT_ FM_APPROVED_ BUDGETS table.
FORECAST_ ACTUAL_ID	NULLABLE	NUMBER	Forecast Actual ID for a financial summary.
DIRECT_ PARENT_ID	NULLABLE	NUMBER	ID of the financial entity that this financial summary belongs to (Project / Proposal / Asset / Program).
DIRECT_ PARENT_TYPE	NULLABLE	VARCHAR2(20)	Proposal, Project, Asset, Program
DIRECT_ PARENT_NAME	NULLABLE	VARCHAR2(500)	Name of the financial entity (project, proposal, asset, or program) to which this financial summary belongs.
REGION_ID	NULLABLE	NUMBER	ID of the region with which the cost is associated
PERIOD_ID	NULLABLE	NUMBER	ID of the Proposal/Project/ Asset/Program/org units to which this Financial Summary belongs
APPROVED_ BASE	NULLABLE	NUMBER	Approved cost aggregated for a given year, displayed in base currency

Column Name	Null?	Data Type	Description
APPROVED_ LOCAL	NULLABLE	NUMBER	Approved cost aggregated for a given year, displayed in local currency
FORECAST_ BASE	NULLABLE	NUMBER	Forecast cost aggregated for a given year, displayed in base currency
FORECAST_ LOCAL	NULLABLE	NUMBER	Forecast cost aggregated for a given year, displayed in local currency
ACTUAL_BASE	NULLABLE	NUMBER	Actual cost aggregated for a given year, displayed in base currency
ACTUAL_LOCAL	NULLABLE	NUMBER	Actual cost aggregated for a given year, displayed in local currency
CAPEX_ APPROVED_ BASE	NULLABLE	NUMBER	Approved capital cost aggregated for a given year, displayed in base currency
CAPEX_ APPROVED_ LOCAL	NULLABLE	NUMBER	Approved capital cost aggregated for a given year, displayed in local currency
OPEX_ APPROVED_ BASE	NULLABLE	NUMBER	Approved operating cost aggregated for a given year, displayed in local currency
OPEX_ APPROVED_ LOCAL	NULLABLE	NUMBER	Approved operating cost aggregated for a given year, displayed in base currency

Indexes

This table uses no indexes.

Sequences

This table uses no sequences.

RPT_FCT_FM_FCST_ACTUAL_CELL

This is a fact table in reporting Star schema that contains the forecast and actual information of financial summary of lifecycle entities and programs. This information is stored at month granularity.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
FACT_ID	NOT NULL	NUMBER	ID derived from the FM_ FINANCIAL_LINE_CELLS table
FORECAST_ ACTUAL_LINE_ ID	NOT NULL	NUMBER	ID of each forecast actual line in a financial summary derived from FM_FORECAST_ACTUAL_ LINES table
FORECAST_ ACTUAL_ID	NOT NULL	NUMBER	Forecast Actual ID for a specific financial summary derived from FM_FORECAST_ACTUAL_ LINES table
FINANCIAL_ SUMMARY_ID	NOT NULL	NUMBER	ID for a financial summary the cost are associated with derived from FM_FINANCIAL_ SUMMARY
DIRECT_ PARENT_ID	NOT NULL	NUMBER	ID for the proposal, project, asset, program, org unit with which this financial summary is associated with. This ID is derived from PFM_LIFECYCLE_PARENT_ ENTITY table for current active entity.
DIRECT_ PARENT_TYPE	NOT NULL	VARCHAR2(20)	Type of parent entity (project, proposal, asset, program, org unit)
DIRECT_ PARENT_NAME	NOT NULL	VARCHAR2(500)	Name of a proposal, project, asset, program, or org unit associated with the financial summary

Column Name	Null?	Data Type	Description
REGION_ID	NULLABLE	NUMBER	ID of the region with which the cost is associated
PERIOD_ID	NOT NULL	NUMBER	ID of the region with which the cost is associated derived from FM_FINANCIAL_LINE_CELLS table
ACTUAL_BASE	NULLABLE	NUMBER	Actual cost aggregated for a given year, displayed in base currency
ACTUAL_LOCAL	NULLABLE	NUMBER	Actual cost aggregated for a given year, displayed in base currency
PLANNED_ BASE	NULLABLE	NUMBER	Forecast cost aggregated for a given year, displayed in base currency
PLANNED_ LOCAL	NULLABLE	NUMBER	Forecast cost aggregated for a given year, displayed in local currency

Indexes

Index Name	Index Type	Sequence	Column Name
RPT_FCT_FM_FCST_ ACTL_CLL_N1	NONUNIQUE	1	PERIOD_ID
RPT_FCT_FM_FCST_ ACTL_CLL_N2	NONUNIQUE	1	DIRECT_PARENT_ID
RPT_FCT_FM_FCST_ ACTL_CLL_N3	NONUNIQUE	1	FORECAST_ ACTUAL_LINE_ID
RPT_FCT_FM_FCST_ ACTL_CLL_N4	NONUNIQUE	1	FINANCIAL_ SUMMARY_ID
RPT_FCT_FM_FCST_ ACTL_CLL_N5	NONUNIQUE	1	REGION_ID
RPT_FCT_FM_FCST_ ACTL_CLL_N6	NONUNIQUE	1	DIRECT_PARENT_ TYPE

Sequences

This table uses no sequences.

RPT_FCT_PM_AGGR_PROJ_EFFORT

This table stores all the efforts for this project at the project level.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
EFFORT_ID	NOT NULL	NUMBER	System-generated identifier by the sequence RPT_FCT_PM_AGGR_PROJ_EFFORT_S
PROJECT_ID	NULLABLE	NUMBER	Unique identifier that identifies this project
WORK_PLAN_ID	NULLABLE	NUMBER	The work plan identifier of this project
ACTUAL_EFFORT	NULLABLE	FLOAT	Actual effort aggregated at the project level
ASSIGNED_SCHEDULED_EFFORT	NULLABLE	FLOAT	Assigned scheduled effort aggregated at the project level
UNASSIGNED_SCHEDULED_EFFORT	NULLABLE	FLOAT	Unassigned scheduled effort aggregated at the project level
ESTIMATED_REMAINING_EFFORT	NULLABLE	FLOAT	The estimated remaining effort aggregated at the project level

Indexes

Index Name	Index Type	Sequence	Column Name
RPT_FCT_PM_AGGR_PRJ_EFRT_N1	NONUNIQUE	1	PROJECT_ID
RPT_FCT_PM_AGGR_PRJ_EFRT_N2	NONUNIQUE	1	WORK_PLAN_ID

Sequences

This table uses no sequences.

RPT_FCT_PM_AGGR_TASK_EFFORT

This table stores the effort information in a workplan aggregated by task hierarchy. Effort information at a summary task level is an aggregated value of all tasks below it in the hierarchy and its own value (if there is any). At leaf task level effort information is non aggregated.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
EFFORT_ID	NOT NULL	NUMBER	System-generated identifier by the sequence RPT_FCT_PM_AGGR_ TASK_EFFORT_S
TASK_ID	NULLABLE	NUMBER	Unique identifier of the task in a project
PROJECT_ID	NULLABLE	NUMBER	ID that identifies the project to which this task belongs to
WORK_PLAN_ID	NULLABLE	NUMBER	ID that identifies the workplan to which this task belongs to
ACTUAL_ EFFORT	NULLABLE	FLOAT	Actual effort aggregated at the task level according to task hierarchy. For leaf task the effort information is non aggregated value

Column Name	Null?	Data Type	Description
ASSIGNED_ SCHEDULED_ EFFORT	NULLABLE	FLOAT	Assigned scheduled effort aggregated at the task level according to task hierarchy. For leaf task the effort information is non aggregated value.
UNASSIGNED_ SCHEDULED_ EFFORT	NULLABLE	FLOAT	Unassigned scheduled effort aggregated at the task level according to task hierarchy. For leaf task the effort information is non aggregated value.
ESTIMATED_ REMAINING_ EFFORT	NULLABLE	FLOAT	The estimated remaining effort aggregated at the task level according to task hierarchy. For leaf task the effort information is non aggregated value.

Indexes

Index Name	Index Type	Sequence	Column Name
RPT_FCT_PM_AGGR_TASK_ EFRT_N1	NONUNIQUE	1	PROJECT_ID
RPT_FCT_PM_AGGR_TASK_ EFRT_N2	NONUNIQUE	1	WORK_PLAN_ID
RPT_FCT_PM_AGGR_TASK_ EFRT_N3	NONUNIQUE	1	TASK_ID

Sequences

This table uses no sequences.

RPT_FCT_PM_TASK_ASSIGNMENTS

This table stores the actual effort, assigned schedule effort and estimated remaining effort information of tasks by individual resource level.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
ASSIGNMENT_ID	NOT NULL	NUMBER	System-generated identifier by the sequence RPT_FCT_PM_TASK_ ASSIGNMENT_S
PROJECT_ID	NOT NULL	NUMBER	ID of the project to which all these assignment records belong to
WORK_PLAN_ID	NOT NULL	NUMBER	ID of the workplan to which all these assignment records belong to
TASK_ID	NOT NULL	NUMBER	ID of the task to which all these assignment records belong to
ACT_REGION_ID	NULLABLE	NUMBER	ID of the region the actual effort is associated with. This is derived from the resource's region ID if the actual effort is logged by an assigned resource or contributor. If the actual effort is logged with null resource ID, the region is derived from Project's region ID
SCHED_ REGION_ID	NULLABLE	NUMBER	Project's region ID to which the scheduled effort belongs to
ROLE_ID	NULLABLE	NUMBER	ID of the role associated with task (if any), otherwise the primary role of the assigned resource. This can be null when neither task has a role assigned to it or the assigned resource does not have a primary role configured.

Column Name	Null?	Data Type	Description
RESOURCE_ID	NULLABLE	NUMBER	The resource against whom the efforts are assigned/logged. Resource ID can be null.
ACT_START_ DATE	NULLABLE	DATE	Actual start date of the task by this resource
ACT_FINISH_ DATE	NULLABLE	DATE	Actual finish date of the task by this resource
ACT_DURATION	NULLABLE	FLOAT	Actual duration is number of days to complete this task
ACT_EFFORT	NULLABLE	FLOAT	Actual number of hours for this task by this resource
SCHED_EFFORT	NULLABLE	FLOAT	The scheduled effort in hours for this task and this resource. Scheduled effort is null when the resource ID is null
EST_FINISH_ DATE	NULLABLE	DATE	The estimated finish date of this task for this resource
EST_REM_ EFFORT	NULLABLE	FLOAT	The estimated remaining effort of this task for this resource

Indexes

Index Name	Index Type	Sequence	Column Name
RPT_FCT_PM_TASK_ ASSIGNMENTS_B1	NONUNIQUE	1	PROJECT_ID
RPT_FCT_PM_TASK_ ASSIGNMENTS_B2	NONUNIQUE	1	WORK_PLAN_ID
RPT_FCT_PM_TASK_ ASSIGNMENTS_B3	NONUNIQUE	1	ACT_REGION_ID
RPT_FCT_PM_TASK_ ASSIGNMENTS_B4	NONUNIQUE	1	SCHED_ REGION_ID
RPT_FCT_PM_TASK_ ASSIGNMENTS_B5	NONUNIQUE	1	ROLE_ID

Index Name	Index Type	Sequence	Column Name
RPT_FCT_PM_TASK_ ASSIGNMENTS_B6	NONUNIQUE	1	RESOURCE_ID
RPT_FCT_PM_TASK_ ASSIGNMENTS_N1	NONUNIQUE	1	ASSIGNMENT_ID
RPT_FCT_PM_TASK_ ASSIGNMENTS_N2	NONUNIQUE	1	TASK_ID

Sequences

This table uses no sequences.

RPT_FCT_PM_TASK_COST

This is a fact table which stores the project cost information.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
TASK_COST_ID	NOT NULL	NUMBER	System-generated identifier using RPT_FCT_PM_ TASK_COST_S sequence
TASK_ID	NOT NULL	NUMBER	ID of a task of a project
WORK_PLAN_ID	NULLABLE	NUMBER	ID of work plan of a project
PROJECT_ID	NULLABLE	NUMBER	ID of a PPM project. It relates to the project_id of the pm_projects table.
REGION_ID	NULLABLE	NUMBER	ID of the region the cost is associated with. It is derived from project's region.
PLAN_CAP_ LABOR_BSE	NULLABLE	NUMBER	Planned capital labor cost of a project, expressed in base currency.
PLAN_CAP_ LABOR_LCL	NULLABLE	NUMBER	Planned capital labor cost of a project, expressed in local currency.
PLAN_CAP_ NON_LABOR_ BSE	NULLABLE	NUMBER	Planned capital non labor cost of a project, expressed in base currency.
PLAN_CAP_ NON_LABOR_ LCL	NULLABLE	NUMBER	Planned capital non labor cost of a project, expressed in local currency.
PLAN_OP_ LABOR_BSE	NULLABLE	NUMBER	Planned operating labor cost of a project, expressed in base currency.
PLAN_OP_ LABOR_LCL	NULLABLE	NUMBER	Planned operating labor cost of a project, expressed in local currency.

Column Name	Null?	Data Type	Description
PLAN_OP_NON_LABOR_BSE	NULLABLE	NUMBER	Planned operating non labor cost of a project, expressed in base currency.
PLAN_OP_NON_LABOR_LCL	NULLABLE	NUMBER	Planned operating non labor cost of a project, expressed in local currency.
ACT_CAP_LABOR_BSE	NULLABLE	NUMBER	Actual capital labor cost of a project, expressed in base currency.
ACT_CAP_LABOR_LCL	NULLABLE	NUMBER	Actual capital labor cost of a project, expressed in local currency.
ACT_CAP_NON_LABOR_BSE	NULLABLE	NUMBER	Actual capital non labor cost of a project, expressed in base currency.
ACT_CAP_NON_LABOR_LCL	NULLABLE	NUMBER	Actual capital non labor cost of a project, expressed in local currency.
ACT_OP_LABOR_BSE	NULLABLE	NUMBER	Actual operating labor cost of a project, expressed in base currency.
ACT_OP_LABOR_LCL	NULLABLE	NUMBER	Actual operating labor cost of a project, expressed in local currency.
ACT_OP_NON_LABOR_BSE	NULLABLE	NUMBER	Actual operating non labor cost of a project, expressed in base currency.
ACT_OP_NON_LABOR_LCL	NULLABLE	NUMBER	Actual operating non labor cost of a project, expressed in local currency.
EARNED_VALUE_BSE	NULLABLE	NUMBER	Earned value of the completed project work, expressed in base currency.
EARNED_VALUE_LCL	NULLABLE	NUMBER	Earned value of the completed project work, expressed in local currency.

Column Name	Null?	Data Type	Description
PLANNED_ VALUE_BSE	NULLABLE	NUMBER	Planned value of work to be performed for a project, expressed in base currency.
PLANNED_ VALUE_LCL	NULLABLE	NUMBER	Planned value of work to be performed for a project, expressed in local currency.
SPI	NULLABLE	FLOAT	Schedule Performance Index (ratio of earned value to planned value for a project), is a measure of project efficiency. An SPI equal to or greater than one indicates a favorable condition and value of less than one indicates an unfavorable condition.
CPI	NULLABLE	FLOAT	Schedule Performance Index (ratio of earned value to actual cost for a project), is a measure of cost efficiency of a project. A CPI equal to or greater than one indicates a favorable condition and value of less than one indicates an unfavorable condition.
BASE_CUR_ CODE	NULLABLE	VARCHAR2(255)	Base currency code associated with the project. Example: USD for United States Dollar. (The base currency defaults to the PPM Center base currency.)

Column Name	Null?	Data Type	Description
BASE_CUR_SYMBOL	NULLABLE	VARCHAR2(255)	Symbol for the base currency used for the project. Example: $ for USD.
LOCAL_CUR_CODE	NULLABLE	VARCHAR2(255)	Base currency code associated with the project. Example: USD for United States Dollar. (The local currency defaults to the PPM Center local currency.)
LOCAL_CUR_SYMBOL	NULLABLE	VARCHAR2(255)	Symbol for the local currency used for the project. Example: $ for USD.

Indexes

This table uses no indexes.

Sequences

Sequence Name	Sequence Type
RPT_FCT_PM_TASK_COST_S	TASK_COST_ID

RPT_FCT_PM_TASK_UNASSGN_EFFORT

This table stores the unassigned scheduled effort at the task level without aggregation. There is a column RESOURCE_ID, which always contains NULL value and acts as a dummy column to help align this fact table with all other effort information facts which are available at the resource granularity.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
EFFORT_ID	NOT NULL	NUMBER	System-generated identifier by the sequence RPT_FCT_PM_TASK_UNASG_EFRT_S
PROJECT_ID	NULLABLE	NUMBER	ID of a PPM project
WORK_PLAN_ID	NULLABLE	NUMBER	ID of a work plan of a project
TASK_ID	NULLABLE	NUMBER	ID of a task of a work plan
REGION_ID	NULLABLE	NUMBER	ID of the region unassigned scheduled effort is associated with. This is derived from project's region ID.
ROLE_ID	NULLABLE	NUMBER	ID of the task's role (if configured for the task), otherwise NULL
RESOURCE_ID	NULLABLE	NUMBER	This is a dummy column kept for aligning this fact table with all other effort fact information table at resource granularity. It always contains NULL value.
UNASSIGNED_SCHEDULED_EFFORT	NULLABLE	FLOAT	Unassigned effort in hours

Indexes

Index Name	Index Type	Sequence	Column Name
RPT_FCT_PM_TASK_ UNASSG_EFRT_N1	NONUNIQUE	1	TASK_ID
RPT_FCT_PM_TASK_ UNASSG_EFRT_N2	NONUNIQUE	1	PROJECT_ID
RPT_FCT_PM_TASK_ UNASSG_EFRT_N3	NONUNIQUE	1	WORK_PLAN_ID
RPT_FCT_PM_TASK_ UNASSG_EFRT_N4	NONUNIQUE	1	REGION_ID
RPT_FCT_PM_TASK_ UNASSG_EFRT_N5	NONUNIQUE	1	ROLE_ID

Sequences

This table uses no sequences.

RPT_FCT_RM_RES_DISTRIBUTION

This table stores the current percentage distribution of resources in the resource pools.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
RESOURCE_ID	NOT NULL	NUMBER	ID derived from the PPM RSC_RESOURCE_POOLS table
RESOURCE_ POOL_ID	NOT NULL	NUMBER	ID derived from the PPM RSC_RESOURCE_POOLS table
DISTRIBUTION_ DATE	NOT NULL	DATE	Date on which this resource pool distribution was last determined
DISTRIBUTION_ PERCENT	NOT NULL	NUMBER	The percentage that effort is distributed to this resource in the resource pool

Indexes

This table uses no indexes.

Sequences

This table uses no sequences.

RPT_FCT_RM_RESOURCE_CAPACITY

This is a fact table in reporting Star schema that contains the capacity information of resources in resource pools. The capacity information is stored at day granularity.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
CAPACITY_ID	NOT NULL	NUMBER	System-generated identifier using RPT_FCT_RM_RESOURCE_CAPACITY_S sequence
RESOURCE_POOL_ID	NULLABLE	NUMBER	ID of the resource pool the capacity information belongs to, derived from PPM RSC_RESOURCE_POOLS table. This ID refers to the RESOURCE_POOL_ID column in RPT_DIM_RM_RESOURCEPOOLS materialized view.
CAPACITY	NULLABLE	NUMBER	Capacity of a resource expressed in hours
CAPACITY_PERS_DAYS	NULLABLE	NUMBER	Capacity of a resource expressed in person days
CALENDAR_ID	NULLABLE	NUMBER	ID of the resource's regional calendar for capacity of named resources and ID of the resource pool's regional calendar for capacity of unnamed resources. This ID is derived from PPM KDRV_CALENDARS table.

Column Name	Null?	Data Type	Description
ROLE_ID	NULLABLE	NUMBER	ID of the resource's primary role derived from PPM RSC_ ROLES_NLS table. This ID refers to the ROLE_ID column in RPT_DIM_RM_ ROLES materialized view
REGION_ID	NULLABLE	NUMBER	ID of the region the resource pool belongs to derived from PPM KNTA_REGIONS_NLS table. This ID refers to the REGION_ID column of RPT_ DIM_REGIONS_MV materialized view
ASSIGNMENT_ DATE	NULLABLE	DATE	Date against which capacity of a resource is stored
RESOURCE_ID	NULLABLE	VARCHAR2(260)	ID of the resource derived from RSC_RESOURCES table. This ID refers to the RESOURCE_ID column in RPT_DIM_RM_ RESOURCES materialized view.
STAFFING_ PROFILE_ID	NULLABLE	NUMBER	ID of the Staffing profile. This column always has the value -1. It is used for querying resource capacity and resource demand fact together against the staffing profile dimension.
DATA_ORIGIN	NULLABLE	VARCHAR2(256)	This column indicates whether the capacity information was populated in this table during FULL ETL process or incremental ETL process
ETL_DATETIME	NULLABLE	DATE	The timestamp when the row was inserted or updated

Indexes

Index Name	Index Type	Sequence	Column Name
RPT_FCT_RM_RSRC_CAP_ID_IDX	NONUNIQUE	1	CAPACITY_ID
RPT_FCT_RM_RSRC_CPCTY_X01	NONUNIQUE	1	RESOURCE_POOL_ID
RPT_FCT_RM_RSRC_CPCTY_X03	NONUNIQUE	1	REGION_ID
RPT_FCT_RM_RSRC_CPCTY_X04	NONUNIQUE	1	RESOURCE_ID
RPT_FCT_RM_RSRC_CPCTY_X05	NONUNIQUE	1	CALENDAR_ID
RPT_FCT_RM_RSRC_CPCTY_X06	NONUNIQUE	1	ROLE_ID
RPT_FCT_RSC_CPCTY_ASS_DATE_X1	NONUNIQUE	1	ASSIGNMENT_DATE

Sequences

Sequence Name	Sequence Type
RPT_FCT_RM_RESOURCE_CAPACITY_S	CAPACITY_ID

RPT_FCT_RM_RESOURCE_DEMAND

This is a fact table in reporting Star schema that contains the demand information of positions in staffing profile. The demand information is stored at day granularity.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
DEMAND_ID	NOT NULL	NUMBER	System-generated identifier using RPT_FCT_RM_ RESOURCE_DEMAND_S
POSITION_ID	NULLABLE	NUMBER	ID of the position, derived from the PPM RSC_ POSITIONS table. This ID refers to the RPT_DIM_RM_ POSITIONS materialized view.
RESOURCE_ ASSIGNMENT_ID	NULLABLE	NUMBER	ID of resource assignment derived from PPM RSC_ RESOURCE_ASSIGNMENT table
RESOURCE_ID	NULLABLE	NUMBER	ID of resource derived from PPM RSC_RESOURCES table. This ID refers to RPT_ DIM_RM_RESOURCES materialized view
RESOURCE_ POOL_ID	NULLABLE	NUMBER	ID of resource pool derived from PPM RSC_ RESOURCE_POOLS table. This ID refers to RPT_DIM_ RM_RESOURCEPOOLS materialized view

Column Name	Null?	Data Type	Description
STAFFING_ PROFILE_ID	NULLABLE	NUMBER	ID of staffing profile derived from PPM RSC_STAFFING_ PROFILES table. This ID refers to RPT_DIM_RM_ STAFF_PROFILES materialized view
ASSIGNMENT_ DATE	NULLABLE	DATE	Date against which demand is stored
DEMAND_ STATUS	NULLABLE	VARCHAR2(200)	Status of demand, can be 'Committed', 'Softbooked' or 'Unmet'
DEMAND	NULLABLE	NUMBER	Demand of a position expressed in hours
DEMAND_PERS_ DAYS	NULLABLE	NUMBER	Demand of a position expressed in person days
ROLE_ID	NULLABLE	NUMBER	ID of role derived from PPM RSC_ROLES_NLS table. This ID refers to RPT_DIM_ RM_ROLES materialized view.
REGION_ID	NULLABLE	NUMBER	ID of region derived from PPM KNTA_REGIONS_NLS table. This ID refers to RPT_ DIM_RM_REGIONS_MV materialized view.
CALENDAR_ID	NULLABLE	NUMBER	ID of calendar derived from PPM KDRV_CALENDARS table. This represents the resource pool's regional calendar for Softbooked and Committed demand or staffing profile's regional calendar for Unmet demand.

Indexes

Index Name	Index Type	Sequence	Column Name
RPT_FCT_RM_DMND_ ASS_DATE_X1	NONUNIQUE	1	ASSIGNMENT_ DATE
RPT_FCT_RM_RSRC_ DMND_ID_IDX	NONUNIQUE	1	DEMAND_ID
RPT_FCT_RM_RSRC_ DMND_X01	NONUNIQUE	1	RESOURCE_ POOL_ID
RPT_FCT_RM_RSRC_ DMND_X02	NONUNIQUE	1	ROLE_ID
RPT_FCT_RM_RSRC_ DMND_X03	NONUNIQUE	1	REGION_ID
RPT_FCT_RM_RSRC_ DMND_X04	NONUNIQUE	1	RESOURCE_ID
RPT_FCT_RM_RSRC_ DMND_X05	NONUNIQUE	1	STAFFING_ PROFILE_ID
RPT_FCT_RM_RSRC_ DMND_X06	NONUNIQUE	1	RESOURCE_ ASSIGNMENT_ID
RPT_FCT_RM_RSRC_ DMND_X07	NONUNIQUE	1	DEMAND_STATUS
RPT_FCT_RM_RSRC_ DMND_X08	NONUNIQUE	1	POSITION_ID
RPT_FCT_RM_RSRC_ DMND_X09	NONUNIQUE	1	CALENDAR_ID

Sequences

Sequence Name	Sequence Type
RPT_FCT_RM_ RESOURCE_DEMAND_S	DEMAND_ID

RPT_FCT_RM_RESOURCE_DEMAND_STG

This is a staging table used for holding the changed demand fact information during incremental ETL process and used to merge the changes to the demand fact table RPT_FCT_RM_RESOURCE_DEMAND. This table has the same structure as the RPT_FCT_RM_RESOURCE_DEMAND table.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
DEMAND_ID	NOT NULL	NUMBER	System-generated identifier using RPT_FCT_RM_ RESOURCE_DEMAND_S
POSITION_ID	NULLABLE	NUMBER	ID of the position, derived from from the PPM RSC_ POSITIONS table. This ID refers to the RPT_DIM_RM_ POSITIONS materialized view.
RESOURCE_ ASSIGNMENT_ID	NULLABLE	NUMBER	ID of resource assignment derived from PPM RSC_ RESOURCE_ASSIGNMENT table
RESOURCE_ID	NULLABLE	NUMBER	ID of resource derived from PPM RSC_RESOURCES table. This ID refers to RPT_ DIM_RM_RESOURCES materialized view.
RESOURCE_ POOL_ID	NULLABLE	NUMBER	ID of resource pool derived from PPM RSC_ RESOURCE_POOLS table. This ID refers to RPT_DIM_ RM_RESOURCEPOOLS materialized view.

Column Name	Null?	Data Type	Description
STAFFING_ PROFILE_ID	NULLABLE	NUMBER	ID of staffing profile derived from PPM RSC_STAFFING_ PROFILES table. This ID refers to RPT_DIM_RM_ STAFF_PROFILES materialized view.
ASSIGNMENT_ DATE	NULLABLE	DATE	Date against which demand is stored
DEMAND_ STATUS	NULLABLE	VARCHAR2(200)	Status of demand, can be 'Committed', 'Softbooked' or 'Unmet'
DEMAND	NULLABLE	NUMBER	Demand of a position expressed in hours
DEMAND_PERS_ DAYS	NULLABLE	NUMBER	Demand of a position expressed in person days
ROLE_ID	NULLABLE	NUMBER	ID of role derived from PPM RSC_ROLES_NLS table. This ID refers to RPT_DIM_RM_ ROLES materialized view.
REGION_ID	NULLABLE	NUMBER	ID of region derived from PPM KNTA_REGIONS_NLS table. This ID refers to RPT_DIM_ RM_REGIONS_MV materialized view.
CALENDAR_ID	NULLABLE	NUMBER	ID of calendar derived from PPM KDRV_CALENDARS table. This represents the resource pool's regional calendar for Softbooked and Committed demand or staffing profile's regional calendar for Unmet demand.

Indexes

Index Name	Index Type	Sequence	Column Name
RPT_FCT_RM_DMND_ ASS_DATE_X2	NONUNIQUE	1	ASSIGNMENT_ DATE
RPT_STG_RM_RSRC_ DMND_X01	NONUNIQUE	1	RESOURCE_ POOL_ID
RPT_STG_RM_RSRC_ DMND_X02	NONUNIQUE	1	ROLE_ID
RPT_STG_RM_RSRC_ DMND_X03	NONUNIQUE	1	REGION_ID
RPT_STG_RM_RSRC_ DMND_X04	NONUNIQUE	1	RESOURCE_ID
RPT_STG_RM_RSRC_ DMND_X05	NONUNIQUE	1	STAFFING_ PROFILE_ID
RPT_STG_RM_RSRC_ DMND_X06	NONUNIQUE	1	RESOURCE_ ASSIGNMENT_ID
RPT_STG_RM_RSRC_ DMND_X07	NONUNIQUE	1	DEMAND_STATUS
RPT_STG_RM_RSRC_ DMND_X08	NONUNIQUE	1	POSITION_ID
RPT_STG_RM_RSRC_ DMND_X09	NONUNIQUE	1	CALENDAR_ID

Sequences

This table uses no sequences.

RPT_FCT_RM_RESOURCE_EFFORT

This table stores the actual effort information of a resource in hours, person days and FTE unit pre-aggregated by different period granularity, for example, week, month, quarter, half year or year.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
RESOURCE_ EFFORT_ID	NOT NULL	NUMBER	System-generated identifier using RPT_FCT_RM_RESOURCE_ EFFORT_S
PERIOD_TYPE	NULLABLE	NUMBER	Indicates whether the period is a week, month, quarter, half year or year.
PERIOD_START_ DATE	NULLABLE	DATE	Start date of a period derived from PPM PPM_FISCAL_PERIODS_ NLS table.
PERIOD_END_ DATE	NULLABLE	DATE	End date of a period derived from PPM PPM_FISCAL_PERIODS_ NLS table.
PERIOD_ EFFORT_HRS	NULLABLE	NUMBER	Aggregated actual effort information for a period expressed in hours.
PERIOD_ EFFORT_ PERSON_DAYS	NULLABLE	NUMBER	Aggregated actual effort information for a period expressed in person days.
PERIOD_ EFFORT_FTE	NULLABLE	NUMBER	Aggregated actual effort information for a period expressed in FTE.
PROJECT_ID	NULLABLE	NUMBER	ID of the project against which actual effort is logged. It is derived from PPM PM_PROJECTS table and refers to RPT_DIM_ PROJECTS_MV materialized view.

Column Name	Null?	Data Type	Description
REQUEST_ID	NULLABLE	NUMBER	ID of the request against which actual effort is logged. It is derived from PPM KCRT_REQUESTS table and refers to RPT_DIM_ REQUESTS dimension table.
RESOURCE_ID	NULLABLE	NUMBER	ID of resource derived from PPM RSC_RESOURCES table. This ID refers to RPT_DIM_RM_ RESOURCES materialized view.
ROLE_ID	NULLABLE	NUMBER	ID of role derived from PPM RSC_ROLES_NLS table. This ID refers to RPT_DIM_RM_ROLES materialized view. This represents task's role, if the task against which time logged has role associated otherwise it refers to the resource's primary role.
RESOURCE_ POOL_ID	NULLABLE	NUMBER	ID of resource pool derived from PPM RSC_RESOURCE_POOLS table. This ID refers to RPT_DIM_ RM_RESOURCEPOOLS materialized view.
STAFFING_ PROFILE_ID	NULLABLE	NUMBER	ID of staffing profile derived from PPM RSC_STAFFING_ PROFILES table. This ID refers to RPT_DIM_RM_STAFF_ PROFILES materialized view.
REGION_ID	NULLABLE	NUMBER	ID of region derived from PPM KNTA_REGIONS_NLS table. This ID refers to RPT_DIM_RM_ REGIONS_MV materialized view. This represents region the resource logging time belongs to.
CALENDAR_ID	NULLABLE	NUMBER	ID of calendar derived from PPM KDRV_CALENDARS table. This represents the resource's regional calendar.

Indexes

Index Name	Index Type	Sequence	Column Name
RPT_IDX_RM_FCT_EFFRT_CAL_ID	NONUNIQUE	1	CALENDAR_ID
RPT_IDX_RM_FCT_EFFRT_END_DATE	NONUNIQUE	1	PERIOD_END_DATE
RPT_IDX_RM_FCT_EFFRT_ID	NONUNIQUE	1	RESOURCE_EFFORT_ID
RPT_IDX_RM_FCT_EFFRT_PROJ_ID	NONUNIQUE	1	PROJECT_ID
RPT_IDX_RM_FCT_EFFRT_REGN_ID	NONUNIQUE	1	REGION_ID
RPT_IDX_RM_FCT_EFFRT_REQ_ID	NONUNIQUE	1	REQUEST_ID
RPT_IDX_RM_FCT_EFFRT_RESRC_ID	NONUNIQUE	1	RESOURCE_ID
RPT_IDX_RM_FCT_EFFRT_ROLE_ID	NONUNIQUE	1	ROLE_ID
RPT_IDX_RM_FCT_EFFRT_RP_ID	NONUNIQUE	1	RESOURCE_POOL_ID
RPT_IDX_RM_FCT_EFFRT_SP_ID	NONUNIQUE	1	STAFFING_PROFILE_ID
RPT_IDX_RM_FCT_EFFRT_STRT_DATE	NONUNIQUE	1	PERIOD_START_DATE

Sequences

Sequence Name	Sequence Type
RPT_FCT_RM_RESOURCE_EFFORT_S	RESOURCE_EFFORT_ID

RPT_FCT_RM_RESRCE_CAPACITY_STG

This is a staging table used for holding the changed capacity fact information during incremental ETL process and used to merge the changes to the capacity fact table RPT_FCT_RM_RESOURCE_CAPACITY. This table has the same structure as the RPT_FCT_RM_RESOURCE_CAPACITY table.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
CAPACITY_ID	NOT NULL	NUMBER	System-generated identifier using RPT_FCT_RM_RESOURCE_CAPACITY_S sequence
RESOURCE_POOL_ID	NULLABLE	NUMBER	ID of the resource pool the capacity information belongs to, derived from PPM RSC_RESOURCE_POOLS table. This ID refers to the RESOURCE_POOL_ID column in RPT_DIM_RM_RESOURCEPOOLS materialized view.
CAPACITY	NULLABLE	NUMBER	Capacity of a resource expressed in hours.
CAPACITY_PERS_DAYS	NULLABLE	NUMBER	Capacity of a resource expressed in person days.
CALENDAR_ID	NULLABLE	NUMBER	ID of the resource's regional calendar for capacity of named resources and ID of the resource pool's regional calendar for capacity of unnamed resources. This ID is derived from PPM KDRV_CALENDARS table.

Column Name	Null?	Data Type	Description
ROLE_ID	NULLABLE	NUMBER	ID of the resource's primary role derived from PPM RSC_ROLES_NLS table. This ID refers to the ROLE_ ID column in RPT_DIM_ RM_ROLES materialized view
REGION_ID	NULLABLE	NUMBER	ID of the region the resource pool belongs to derived from PPM KNTA_ REGIONS_NLS table. This ID refers to the REGION_ID column of RPT_DIM_ REGIONS_MV materialized view
ASSIGNMENT_ DATE	NULLABLE	DATE	Date against which capacity of a resource is stored.
RESOURCE_ID	NULLABLE	VARCHAR2(260)	ID of the resource derived from RSC_RESOURCES table. This ID refers to the RESOURCE_ID column in RPT_DIM_RM_ RESOURCES materialized view.
STAFFING_ PROFILE_ID	NULLABLE	NUMBER	ID of the Staffing profile. This column always has the value -1. It is used for querying resource capacity and resource demand fact together against the staffing profile dimension.
DATA_ORIGIN	NULLABLE	VARCHAR2(256)	This column indicates whether the capacity information was populated in this table during FULL ETL process or incremental ETL process.
ETL_DATETIME	NULLABLE	DATE	The timestamp when the row was inserted or updated

Indexes

Index Name	Index Type	Sequence	Column Name
RPT_FCT_RSC_CPCTY_ ASS_DATE_X2	NONUNIQUE	1	ASSIGNMENT_ DATE
RPT_STG_RM_RSRC_ CPCTY_X01	NONUNIQUE	1	RESOURCE_ POOL_ID
RPT_STG_RM_RSRC_ CPCTY_X03	NONUNIQUE	1	REGION_ID
RPT_STG_RM_RSRC_ CPCTY_X04	NONUNIQUE	1	RESOURCE_ID
RPT_STG_RM_RSRC_ CPCTY_X05	NONUNIQUE	1	CALENDAR_ID
RPT_STG_RM_RSRC_ CPCTY_X06	NONUNIQUE	1	ROLE_ID

Sequences

This table uses no sequences.

RPT_FCT_RM_RSC_CAPACITY_AGGR

This is an aggregate table which stores the capacity information in hours, person days and FTE unit pre-aggregated by different period granularity, for example, week, month, quarter, half year and year.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
CAPACITY_ID	NOT NULL	NUMBER	System-generated identifier using RPT_FCT_RM_RSC_ CAPACITY_AGGR_S sequence
NUM_WRK_ DAYS	NULLABLE	NUMBER	Number of working days in a period for example, week, month, quarter, half year or year
PERIOD_HOURS	NULLABLE	NUMBER	Aggregated capacity information for a period expressed in hours.
PERIOD_PERS_ DAYS	NULLABLE	NUMBER	Aggregated capacity information for a period expressed in person days.
PERIOD_FTE	NULLABLE	NUMBER	Aggregated capacity information for a period expressed in FTE.
PERIOD_TYPE	NULLABLE	NUMBER	Indicates whether the period is a week, month, quarter, half year or year.
START_DATE	NULLABLE	DATE	Start date of a period derived from PPM PPM_FISCAL_ PERIODS_NLS table.
END_DATE	NULLABLE	DATE	End date of a period derived from PPM PPM_FISCAL_PERIODS_ NLS table

Column Name	Null?	Data Type	Description
CALENDAR_ID	NULLABLE	NUMBER	ID of the resource's regional calendar for capacity of named resources and ID of the resource pool's regional calendar for capacity of unnamed resources. This ID is derived from PPM KDRV_CALENDARS table.
RESOURCE_ID	NULLABLE	NUMBER	ID of the resource derived from RSC_RESOURCES table. This ID refers to the RESOURCE_ID column in RPT_DIM_RM_ RESOURCES materialized view.
RESOURCE_ POOL_ID	NULLABLE	NUMBER	ID of the resource pool the capacity information belongs to, derived from PPM RSC_ RESOURCE_POOLS table. This ID refers to the RESOURCE_ POOL_ID column in RPT_DIM_ RM_RESOURCEPOOLS materialized view.
ROLE_ID	NULLABLE	NUMBER	ID of the resource's primary role derived from PPM RSC_ROLES_ NLS table. This ID refers to the ROLE_ID column in RPT_DIM_ RM_ROLES materialized view.
REGION_ID	NULLABLE	NUMBER	ID of the region the resource pool belongs to derived from PPM KNTA_REGIONS_NLS table. This ID refers to the REGION_ID column of RPT_DIM_REGIONS_ MV materialized view.
STAFFING_ PROFILE_ID	NULLABLE	NUMBER	ID of the Staffing profile. This column always has the value -1. It is used for querying resource capacity and resource demand fact together against the staffing profile dimension.
ETL_DATETIME	NULLABLE	DATE	The timestamp when the row was inserted or updated

Indexes

Index Name	Index Type	Sequence	Column Name
RPT_FCT_RM_RSC_CAP_AGGR_U1	UNIQUE	1	CAPACITY_ID
RPT_FCT_RM_RSRC_CPCTY_AGGR_X01	NONUNIQUE	1	RESOURCE_ID
RPT_FCT_RM_RSRC_CPCTY_AGGR_X02	NONUNIQUE	1	RESOURCE_POOL_ID
RPT_FCT_RM_RSRC_CPCTY_AGGR_X03	NONUNIQUE	1	ROLE_ID
RPT_FCT_RM_RSRC_CPCTY_AGGR_X04	NONUNIQUE	1	REGION_ID
RPT_FCT_RM_RSRC_CPCTY_AGGR_X05	NONUNIQUE	1	CALENDAR_ID
RPT_FCT_RM_RSRC_CPCTY_AGGR_X06	NONUNIQUE	1	START_DATE

Sequences

Sequence Name	Sequence Type
RPT_FCT_RM_RSC_CAPACITY_AGGR_S	CAPACITY_ID

RPT_FCT_RM_RSC_DEMAND_AGGR

This is an aggregate table which stores the demand information in hours, person days and FTE unit pre-aggregated by different period granularity, for example, week, month, quarter, half year and year.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
DEMAND_ID	NOT NULL	NUMBER	System-generated identifier using RPT_FCT_RM_RSC_ DEMAND_AGGR_S
NUM_WRK_ DAYS	NULLABLE	NUMBER	Number of working days in a period for example, week, month, quarter, half year or year
PERIOD_FTE	NULLABLE	NUMBER	Aggregated demand information for a period expressed in FTE.
PERIOD_ PERS_DAYS	NULLABLE	NUMBER	Aggregated demand information for a period expressed in person days.
PERIOD_ HOURS	NULLABLE	NUMBER	Aggregated demand information for a period expressed in hours.
PERIOD_TYPE	NULLABLE	NUMBER	Indicates whether the period is a week, month, quarter, half year or year.
START_DATE	NULLABLE	DATE	Start date of a period derived from PPM PPM_FISCAL_ PERIODS_NLS table.
END_DATE	NULLABLE	DATE	End date of a period derived from PPM PPM_FISCAL_ PERIODS_NLS table
DEMAND_ STATUS	NULLABLE	VARCHAR2(200)	Status of demand, can be 'Committed', 'Softbooked' or 'Unmet'

Column Name	Null?	Data Type	Description
ASSIGNMENT_ID	NULLABLE	NUMBER	ID of resource assignment derived from PPM RSC_RESOURCE_ASSIGNMENT table
POSITION_ID	NULLABLE	NUMBER	ID of the position, derived from from the PPM RSC_POSITIONS table. This ID refers to the RPT_DIM_RM_POSITIONS materialized view.
RESOURCE_ID	NULLABLE	NUMBER	ID of resource derived from PPM RSC_RESOURCES table. This ID refers to RPT_DIM_RM_RESOURCES materialized view.
RESOURCE_POOL_ID	NULLABLE	NUMBER	ID of resource pool derived from PPM RSC_RESOURCE_POOLS table. This ID refers to RPT_DIM_RM_RESOURCEPOOLS materialized view.
STAFFING_PROFILE_ID	NULLABLE	NUMBER	ID of staffing profile derived from PPM RSC_STAFFING_PROFILES table. This ID refers to RPT_DIM_RM_STAFF_PROFILES materialized view.
ROLE_ID	NULLABLE	NUMBER	ID of role derived from PPM RSC_ROLES_NLS table. This ID refers to RPT_DIM_RM_ROLES materialized view.
REGION_ID	NULLABLE	NUMBER	ID of region derived from PPM KNTA_REGIONS_NLS table. This ID refers to RPT_DIM_RM_REGIONS_MV materialized view.
CALENDAR_ID	NULLABLE	NUMBER	ID of calendar derived from PPM KDRV_CALENDARS table. This represents the resource pool's regional calendar for Softbooked and Committed demand or staffing profile's regional calendar for Unmet demand.

Indexes

Index Name	Index Type	Sequence	Column Name
RPT_FCT_RM_RSC_DEM_ AGGR_U1	UNIQUE	1	DEMAND_ID
RPT_FCT_RM_RSRC_DMND_ AGGR_X01	NONUNIQUE	1	RESOURCE_ POOL_ID
RPT_FCT_RM_RSRC_DMND_ AGGR_X02	NONUNIQUE	1	ROLE_ID
RPT_FCT_RM_RSRC_DMND_ AGGR_X03	NONUNIQUE	1	REGION_ID
RPT_FCT_RM_RSRC_DMND_ AGGR_X04	NONUNIQUE	1	RESOURCE_ID
RPT_FCT_RM_RSRC_DMND_ AGGR_X05	NONUNIQUE	1	STAFFING_ PROFILE_ID
RPT_FCT_RM_RSRC_DMND_ AGGR_X06	NONUNIQUE	1	ASSIGNMENT_ID
RPT_FCT_RM_RSRC_DMND_ AGGR_X07	NONUNIQUE	1	DEMAND_ STATUS
RPT_FCT_RM_RSRC_DMND_ AGGR_X08	NONUNIQUE	1	POSITION_ID
RPT_FCT_RM_RSRC_DMND_ AGGR_X09	NONUNIQUE	1	CALENDAR_ID
RPT_FCT_RM_RSRC_DMND_ AGGR_X10	NONUNIQUE	1	START_DATE

Sequences

Sequence Name	Sequence Type
RPT_FCT_RM_RSC_DEMAND_AGGR_S	DEMAND_ID

RPT_FCT_TM_ACTUAL_EFFORT

This table stores work item actual effort information.

Foreign Keys

This table does not have any foreign keys.

Column Description

Column Name	Null?	Data Type	Description
EFFORT_ID	NOT NULL	NUMBER	System-generated identifier by the sequence RPT_FCT_TM_ ACTUAL_EFFORT_S
EFFORT_DATE	NOT NULL	DATE	Date for which the effort was submitted
EFFORT_HRS	NULLABLE	NUMBER	The number of effort hours entered for this date
TASK_ID	NULLABLE	NUMBER	ID of the Task if the effort is logged against a Task
TASK_ PROJECT_ID	NULLABLE	NUMBER	ID of the Project if the Work Item is a Task or a Project
PROJECT_ID	NULLABLE	NUMBER	ID of the Project if the effort is logged against a Project
REQUEST_ID	NULLABLE	NUMBER	ID of the request if the effort is logged against a request
PACKAGE_ID	NULLABLE	NUMBER	ID of the Package if the effort is logged against a Package
MISCELLANEOU S_ITEM_NAME	NULLABLE	VARCHAR2(150)	The Name of the Miscellaneous Item if the effort is logged against a Miscellaneous Item
RESOURCE_ID	NULLABLE	NUMBER	ID of the Resource who logged the effort
TIME_SHEET_ LINE_ID	NULLABLE	NUMBER	ID of the Time Sheet Line where the effort was logged
ACTIVITY_ID	NULLABLE	NUMBER	ID of the Activity associated with this Time Sheet Line

Column Name	Null?	Data Type	Description
TASK_ROLE_ID	NULLABLE	NUMBER	The Role assigned to a Task if the effort is logged against a Task
RESOURCE_ POOL_ID	NULLABLE	NUMBER	ID of the resource pool to which the resource is assigned
DISTRIBUTION_ PERCENT	NULLABLE	NUMBER	The percentage of effort distributed to this resource pool

Indexes

Index Name	Index Type	Sequence	Column Name
RPT_FCT_TM_ACTUAL_ EFFORT_B1	NONUNIQUE	1	DISTRIBUTION_ PERCENT
RPT_FCT_TM_ACTUAL_ EFFORT_B10	NONUNIQUE	1	RESOURCE_POOL_ID
RPT_FCT_TM_ACTUAL_ EFFORT_B11	NONUNIQUE	1	REQUEST_ID
RPT_FCT_TM_ACTUAL_ EFFORT_B12	NONUNIQUE	1	TASK_PROJECT_ID
RPT_FCT_TM_ACTUAL_ EFFORT_B7	NONUNIQUE	1	RESOURCE_ID
RPT_FCT_TM_ACTUAL_ EFFORT_B8	NONUNIQUE	1	ACTIVITY_ID
RPT_FCT_TM_ACTUAL_ EFFORT_B9	NONUNIQUE	1	TASK_ROLE_ID
RPT_FCT_TM_ACTUAL_ EFFORT_N1	NONUNIQUE	1	TIME_SHEET_LINE_ID
SYS_C003624095	UNIQUE	1	EFFORT_ID

Sequences

Sequence Name	Sequence Type
RPT_FCT_TM_ACTUAL_EFFORT_S	EFFORT_ID

RPT_FCT_TM_COMPLIANCE

This table stores time-sheet compliance information.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
COMPLIANCE_ID	NOT NULL	NUMBER	System-generated identifier by the sequence RPT_FCT_TM_ COMPLIANCE_S
RESOURCE_ID	NOT NULL	NUMBER	ID of the Resource who submitted this Timesheet.
TIME_SHEET_ID	NULLABLE	NUMBER	ID of the Timesheet represented by this row.
PERIOD_ID	NULLABLE	NUMBER	ID of the Period for which this Timesheet was submitted.
FIRST_SUBMIT_ OFFSET	NULLABLE	NUMBER	Difference (in days) between the date on which the time sheet was first submitted and the end date of the time-sheet period. A value of 0 (zero) indicates that it was submitted on the final day of the period. A negative value indicates that the time sheet was submitted before the end of the period. A positive value indicates that the time sheet was submitted after the end of the period.
FIRST_SUBMIT_ DATE	NULLABLE	DATE	Date on which the time sheet was first submitted.

Column Name	Null?	Data Type	Description
LAST_SUBMIT_ OFFSET	NULLABLE	NUMBER	Difference (in days) between the date on which the time sheet was last submitted and the end date of the time sheet period. A value of 0 indicates that the time sheet was submitted on the final day of the period. A negative value indicates that the time sheet was submitted before the end of the period. A positive value indicates that the time sheet was submitted after the period ended.
LAST_SUBMIT_ DATE	NULLABLE	DATE	Date on which the time sheet was last submitted.
SUBMIT_COUNT	NULLABLE	NUMBER	Number of times the resource submitted this time sheet.
FIRST_ REWORK_ OFFSET	NULLABLE	NUMBER	Difference (in days) between the date on which the time sheet was first moved to rework status and the end date of the time-sheet period. A value of 0 indicates that the time sheet was reworked on the final day of the period. A negative value indicates that the time sheet was reworked before the end of the period. A positive value indicates that the time sheet was reworked after the period ended.
FIRST_ REWORK_DATE	NULLABLE	DATE	Date on which the time sheet was first reworked.

Column Name	Null?	Data Type	Description
LAST_REWORK_ OFFSET	NULLABLE	NUMBER	Difference (in days) between the date on which the time sheet was last moved to rework status and the end date of the time-sheet period. A value of 0 indicates that the time sheet was reworked on the final day of the period. A negative value indicates that the time sheet was reworked before the end of the period. A positive value indicates that the time sheet was reworked after the period ended.
LAST_REWORK_ DATE	NULLABLE	DATE	Date on which the time sheet was last reworked.
REWORK_ COUNT	NULLABLE	NUMBER	Number of times the resource reworked the time sheet.
FIRST_ APPROVAL_ OFFSET	NULLABLE	NUMBER	Difference (in days) between the date on which the time sheet was first approved and the end date of the time-sheet period. A value of 0 indicates that the time sheet was approved on the final day of the period. A negative value indicates that the time sheet was approved before the end of the period. A positive value indicates that the time sheet was approved after the period ended.
FIRST_ APPROVAL_ DATE	NULLABLE	DATE	Date on which the time sheet was first approved.

Column Name	Null?	Data Type	Description
LAST_ APPROVAL_ OFFSET	NULLABLE	NUMBER	Difference (in days) between the date on which the time sheet was last approved and the end date of the time-sheet period. A value of 0 indicates that the time sheet was approved on the final day of the period. A negative value indicates that the time sheet was approved before the end o f the period. A positive value indicates that the time sheet was approved after the period ended.
LAST_ APPROVAL_ DATE	NULLABLE	DATE	Date on which the time sheet was last approved.
APPROVAL_ COUNT	NULLABLE	NUMBER	Number of times the time sheet was approved.
FROZEN_ OFFSET	NULLABLE	NUMBER	Difference (in days) between the date on which the time sheet was froze n and the end date of the time-sheet period. A value of 0 indicates that t he time sheet was frozen on the final day of the period. A negative value indicates that the time sheet was frozen before the end of the period. A positive value indicates that the time sheet was frozen after the period ended.
FROZEN_DATE	NULLABLE	DATE	Date on which the time sheet was frozen.
FROZEN_COUNT	NULLABLE	NUMBER	Number of times the time sheet was frozen.

Column Name	Null?	Data Type	Description
CLOSED_ OFFSET	NULLABLE	NUMBER	Difference (in days) between the date on which the time sheet was close d and the end date of the time-sheet period. A value of 0 indicates that the time sheet was closed on the final day of the period. A negative value indicates that the time sheet was closed before the end of the period. A positive value indicates that the time sheet was closed after the period ended.
CLOSED_DATE	NULLABLE	DATE	Date on which the time sheet was closed.
CLOSED_COUNT	NULLABLE	NUMBER	Number of times the time sheet was closed.
NLS_STATUS	NULLABLE	VARCHAR2(150)	Time Sheet status including the missing status in NLS

Indexes

Index Name	Index Type	Sequence	Column Name
RPT_FCT_TM_ COMPLIANCE_B1	NONUNIQUE	1	PERIOD_ID
RPT_FCT_TM_ COMPLIANCE_B2	NONUNIQUE	1	TIME_SHEET_ID
RPT_FCT_TM_ COMPLIANCE_B3	NONUNIQUE	1	RESOURCE_ID
SYS_C003624092	UNIQUE	1	COMPLIANCE_ID

Sequences

Sequence Name	Sequence Type
RPT_FCT_TM_ COMPLIANCE_S	COMPLIANCE_ID

RPT_FCT_TM_COST

This table stores the Effort data for a Work Item on a Time Sheet Line.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
COST_ID	NOT NULL	NUMBER	System-generated identifier by the sequence RPT_FCT_TM_COST_S
TIME_SHEET_LINE_ID	NOT NULL	NUMBER	ID derived from the PPM TM_TIME_SHEET_LINES table.
TIME_SHEET_ID	NOT NULL	NUMBER	ID derived from the PPM TM_TIME_SHEETS table.
ACT_CAP_LABOR_BSE	NULLABLE	NUMBER	Actual Capitalized Cost.
ACT_OP_LABOR_BSE	NULLABLE	NUMBER	Actual Operational Cost.
CUR_BSE	NULLABLE	VARCHAR2(255)	Base currency used for actual cost on time sheets.
ACTUAL_EFFORT	NULLABLE	NUMBER	Actual effort in hours on the time sheet line.

Indexes

Index Name	Index Type	Sequence	Column Name
RPT_FCT_TM_COST_B1	NONUNIQUE	1	TIME_SHEET_ID
RPT_FCT_TM_COST_B2	NONUNIQUE	1	TIME_SHEET_LINE_ID
SYS_C003624099	UNIQUE	1	COST_ID

Sequences

Sequence Name	Sequence Type
RPT_FCT_TM_COST_S	COST_ID

RPT_KNTA_USERS_DELETES

This table holds data during incremental ETL to determine which users need to be deleted. This is temporary table.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
USER_ID	NULLABLE	NUMBER	ID of the user derived from PPM KNTA_ USERS table

Indexes

This table uses no indexes.

Sequences

This table uses no sequences.

RPT_PARAMS

This table holds different parameters for the Full ETL and the incremental ETL to run successfully. For example, the db link name, start and end dates of the etl are all stored in this table.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
PARAMETER_NAME	NOT NULL	VARCHAR2(50)	A unique string value to represent the parameter name.
PARAMETER_VALUE	NULLABLE	VARCHAR2(100)	String value for the corresponding parameter name. The strings can be converted to any data type as needed. For example, the start date will be converted to date type.
DESCRIPTION	NULLABLE	VARCHAR2(500)	Description about this parameter.

Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C003623112	UNIQUE	1	PARAMETER_NAME

Sequences

This table uses no sequences.

RPT_PM_PROJECT_ENTRIES

This is an intermediate table to keep project identifiers for the fact calculation.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
PROJECT_ID	NULLABLE	NUMBER	ID of a project

Indexes

This table uses no indexes.

Sequences

This table uses no sequences.

RPT_PM_PROJECT_MANAGERS

RPT_PM_PROJECT_MANAGERS keeps information about manager(s) of a PPM projects.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
PROJECT_ID	NOT NULL	NUMBER	ID of a PPM project and it is mapped to project_id column of PM_PROJECTS table
MGR_USER_ID	NULLABLE	NUMBER	User ID of a project manager of a PPM project and it is related to user_id of KNTA_USERS table
ALL_PROJECT_MGR	NULLABLE	VARCHAR2(4000)	It keeps all managers name of a PPM project. Names are separated by comma

Indexes

Index Name	Index Type	Sequence	Column Name
RPT_PM_PROJ_MGRS_N1	NONUNIQUE	1	PROJECT_ID
RPT_PM_PROJ_MGRS_N2	NONUNIQUE	1	MGR_USER_ID

Sequences

This table uses no sequences.

RPT_PM_TASK_ENTRIES

This is an intermediate table to keep task identifiers for the fact calculation.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
TASK_ID	NULLABLE	NUMBER	ID of a task

Indexes

This table uses no indexes.

Sequences

This table uses no sequences.

RPT_PPM_AGGR_WRK_DAYS_MV

This is a materialized view that aggregates the information in the KDRV_WORKING_DAYS with the help of PPM_FISCAL_PERIODS table to give the working hours for a given period.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
CALENDAR_ID	NOT NULL	NUMBER	The calendar ID is derived from PPM's KDRV_WORKING_DAYS.CALENDAR_ID or KDRV_CALENDARS.CALENDAR_ID.
NUM_WRK_DAYS	NULLABLE	NUMBER	NUM_WRK_DAYS is the sum of the working days in this given period and for this calendar.
PERIOD_TYPE	NOT NULL	NUMBER	PERIOD_TYPE is a number to indicate, whether this period is a week, month, quarter, half year or year.
START_DATE	NOT NULL	DATE	START_DATE indicates the start of the period.
END_DATE	NOT NULL	DATE	END_DATE indicates the end of the period.
WORK_HRS_PER_DAY	NOT NULL	NUMBER	WORK_HRS_PER_DAY is the number of work hours in the day for this calendar. Derived from PPM's KDRV_CALENDAR_SETUPS table.

Indexes

This table uses no indexes.

Sequences

This table uses no sequences.

RPT_RECREATE_INDEX

This table stores SQL statement for Index creation from memory for rebuilding the deleted indexes.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
INDEX_SQL_ID	NOT NULL	NUMBER	System-generated identifier derived from sequence RPT_ RECREATE_INDEX_SEQ
SQL_STMT	NOT NULL	VARCHAR2(4000)	SQL statement for Index creation from memory

Indexes

This table uses no indexes.

Sequences

Sequence Name	Sequence Type
RPT_RECREATE_ INDEX_SEQ	INDEX_SQL_ID

RPT_RERUN_STATUS

This table stores records of the completion of tasks during initial data load in order that tasks already completed will not be run again if the process has to be restarted.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
RERUN_ STATUS_ID	NOT NULL	NUMBER	Uniquely identify a record
COMPLETION_ DATE	NOT NULL	DATE	When the task was completed
FILE_NAME	NULLABLE	VARCHAR2(512)	The file containing the code for the task
ACTION_NAME	NULLABLE	VARCHAR2(512)	Name of the completed action
RUN_ID	NULLABLE	NUMBER	The run in which this action completed, taken from the RPT_ RERUN_RUN_S sequence
VERSION	NULLABLE	VARCHAR2(100)	Version of PPM this load was run against

Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C007867316	UNIQUE	1	RERUN_STATUS_ID
UNIQUE_ACTION	UNIQUE	1	FILE_NAME
UNIQUE_ACTION	UNIQUE	2	ACTION_NAME
UNIQUE_ACTION	UNIQUE	3	VERSION

Sequences

Sequence Name	Sequence Type
RPT_RERUN_RUN_S	RUN_ID
RPT_RERUN_STATUS_S	RERUN_STATUS_ID

RPT_RM_FACT_CNTL

This is a single column table, that is used during the RM (Resource Management) incremental etl. It stores the name of the table that currently is being processed for the changes occurred in PPM. Reading this table the switchable views builds the view to get data from the original PPM table or only the changes made on the PPM table via CDC table. When there is nothing to process, it is populated with a dummy number.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
CDC	NULLABLE	CHAR	Contains the table name that is currently being processed from the subscribed list of PPM tables for change capture.

Indexes

This table uses no indexes.

Sequences

This table uses no sequences.

RPT_RM_RSC_RP_ENTRIES

This table stores some temporary information needed during RM incremental etl processing. When the delete events happen on PPM RSC_RP_DISTRIBUTION_ENTIRES table, during the incremental etl we track RESOURCE_POOL_ID and resource_id in this table, and later this data is used to delete the combination of the same entries from aggregated fact tables.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
RESOURCE_POOL_ID	NULLABLE	NUMBER	The RESOURCE_POOL_ID with the combination of RESOURCE_ID that are deleted.
RESOURCE_ID	NULLABLE	NUMBER	The RESOURCE_ID with the combination of RESOURCE_POOL_ID that are deleted.

Indexes

This table uses no indexes.

Sequences

This table uses no sequences.

RPT_RSC_RPDE_DELETES

This is a staging table used in incremental ETL process for storing the delete candidates which will be deleted from the RPT_FCT_RM_RESOURCE_CAPACITY fact table due to changes occurred in the RSC_RP_DISTRIBUTION_ENTRIES table.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
CAPACITY_ID	NULLABLE	NUMBER	CAPACITY_ID derived from RPT_FCT_RM_RESOURCE_CAPACITY table
RESOURCE_POOL_ID	NULLABLE	NUMBER	ID of the resource pool derived from RSC_RP_DISTRIBUTION_ENTRIES table
RESOURCE_ID	NULLABLE	NUMBER	ID of the resource derived from RSC_RP_DISTRIBUTION_ENTRIES table

Indexes

This table uses no indexes.

Sequences

This table uses no sequences.

RPT_UPGRADE_PARAMS

This table holds data for upgrade process. During upgrade, it checks this table to see the status of pre-upgrade stage.

Foreign Keys

This table does not have any foreign keys.

Column Descriptions

Column Name	Null?	Data Type	Description
PARAMETER_NAME	NOT NULL	VARCHAR2(50)	Unique name a parameter
PARAMETER_VALUE	NULLABLE	VARCHAR2(100)	Value of the parameter
DESCRIPTION	NULLABLE	VARCHAR2(500)	Brief description of the parameter

Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C003670537	UNIQUE	1	PARAMETER_NAME

Sequences

This table uses no sequences.

RSC_POSITION_FORECAST

This table stores daily forecast effort values for the position.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	LAST_UPDATED_BY
RSC_POSITIONS	POSITION_ID	POSITION_ID
RSC_STAFF_PROF_ MANAGERS	STAFFING_PROFILE_ ID	STAFFING_PROFILE_ID
RSC_STAFFING_ PROFILES	STAFFING_PROFILE_ ID	STAFFING_PROFILE_ID
KNTA_USERS	USER_ID	CREATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
POSITION_ FORECAST_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
VERSION	NOT NULL	NUMBER	Hibernate OCA
STAFFING_ PROFILE_ID	NOT NULL	NUMBER	Indicates the position this forecast demand belongs to. It is a foreign key to the RSC_STAFFING_ PROFILES table.
POSITION_ID	NULLABLE	NUMBER	Indicates the staffing profile this forecast demand belongs to. It is a foreign key to the RSC_ POSITIONS table

Column Name	Null?	Data Type	Description
FORECAST_ DATE	NOT NULL	DATE	Date for estimated forecast.
FORECAST_ VALUE	NOT NULL	NUMBER	Estimated effort in hours for forecast date. Forecast hours per day. Forecast value of 0 is not stored.
UNMET_ DEMAND	NULLABLE	NUMBER	Unmet demand hours per day

Indexes

Index Name	Index Type	Sequence	Column Name
RSC_POSITION_ FORECAST_N1	NONUNIQUE	1	POSITION_ID
RSC_POSITION_ FORECAST_N2	NONUNIQUE	1	STAFFING_PROFILE_ID
SYS_C005201575	UNIQUE	1	POSITION_FORECAST_ID

Sequences

Sequence Name	Sequence Type
RSC_POSITION_ FORECAST_S	POSITION_FORECAST_ID

RSC_POSITIONS

This table stores the line items - positions of a staffing profile. These are the items used to forecast the resource demand and request them from the resource pools.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
RSC_RESOURCE_POOLS	RESOURCE_ POOL_ID	RESOURCE_POOL_ID
RSC_STAFFING_ PROFILES	STAFFING_ PROFILE_ID	STAFFING_PROFILE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
POSITION_ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column must not be updated manually
STATUS_CODE	NULLABLE	NUMBER	Indicates the Position's status. It is a code and it is then decoded in the application to meaningful words.
VIEW_EFFORT_ TYPE	NULLABLE	NUMBER	Indicates the user's preference for effort type to view the positions demands.
ASK_DATE	NULLABLE	DATE	Indicates the date by which the response is needed by the resource pool manager when a position's demand is requested.
NEED_BY_DATE	NULLABLE	DATE	This is the date mentioned for the position's response needed by date.

Column Name	Null?	Data Type	Description
REQUESTED_BY	NULLABLE	NUMBER	User who sent the position's unmet demand request.
RESOURCE_ TYPE_CODE	NULLABLE	VARCHAR2(255)	Indicates the type of resource needed by this position. For example, Full time, Part time, Contractor, and so on
RESOURCE_ POOL_ID	NULLABLE	NUMBER	Indicates the resource pool from which the position's demand for resources is assigned from. It is a foreign key to RSC_RESOURCE_ POOLS table.
POSITION_NAME	NULLABLE	VARCHAR2(255)	Indicates the user entered name to the position.
ROLE_ID	NOT NULL	NUMBER	The role this position needs to be filled by. This is a foreign key to the rsc_roles table.
STAFFING_ PROFILE_ID	NULLABLE	NUMBER	Indicates the staffing profile this position belongs to. It is a foreign key to the RSC_ STAFFING_PROFILES table.
USER_DATA1-100	NULLABLE	VARCHAR2(255)	User data segment
VISIBLE_USER_ DATA1-100	NULLABLE	VARCHAR2(255)	User data segment
POSITION_ COMMENT	NULLABLE	VARCHAR2(2000)	The text entered by the user who created/updated this position.
EXPENSE_TYPE	NULLABLE	VARCHAR2(255)	Indicates the selection user made between capex or opex or both.
CAPITAL_RATIO	NULLABLE	NUMBER	Indicates the ratio between capital and operating cost. Filled in when both the expense types are selected in expense_type column.
LABOR_ CATEGORY	NULLABLE	VARCHAR2(255)	Labor category. For example, Employee, Contractor, and so on

Column Name	Null?	Data Type	Description
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
STAFFING_PROFILE_SEQ	NULLABLE	NUMBER	The sequence entered as the position is created. This is used to display the positions in the order they were created.
DEF_VIEW_PERIOD_TYPE	NULLABLE	NUMBER	Default value of fiscal period type
RESOURCES_REQUESTED	NULLABLE	VARCHAR2(200)	The specific resource this position would like to be filled by
START_DATE	NULLABLE	DATE	Restricted - Internal Use
FINISH_DATE	NULLABLE	DATE	Restricted - Internal Use
SIMPLE_ASK_FORECAST	NULLABLE	NUMBER	Restricted - Internal Use

Indexes

Index Name	Index Type	Sequence	Column Name
FK4C98D6AD1C1523B3_I	NONUNIQUE	1	REQUESTED_BY
FK4C98D6AD26AE1775_I	NONUNIQUE	1	ROLE_ID
FK4C98D6AD3F9006BA_I	NONUNIQUE	1	STAFFING_PROFILE_ID
FK4C98D6ADA85CA660_I	NONUNIQUE	1	RESOURCE_POOL_ID
RSC_POSITIONS_N1	NONUNIQUE	1	POSITION_NAME
SYS_C005201574	UNIQUE	1	POSITION_ID

Sequences

Sequence Name	Sequence Type
RSC_POSITIONS_S	POSITION_ID

RSC_RESOURCE_ASSIGNMENTS

This table stores all the assignments done for the positions in a staffing profile.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
RSC_POSITIONS	POSITION_ID	POSITION_ID
RSC_RESOURCES	RESOURCE_ID	RESOURCE_ID
RSC_RESOURCE_POOLS	RESOURCE_POOL_ID	RESOURCE_POOL_ID

Column Descriptions

Column Name	Null?	Data Type	Description
RESOURCE_ ASSIGNMENT_ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column must not be updated manually
STATUS_CODE	NULLABLE	NUMBER	The code that represents the status of the resource assignments. The code is decoded by the application to represent the meaning on the UI. The status of the assignment could be Soft-booked, committed, and so on
RESOURCE_ID	NULLABLE	NUMBER	This is the foreign key to RSC_ RESOURCES table. The resource to whom this assignment is for.
RESPONSE_ DATE	NULLABLE	DATE	Indicates the date when the first response was given to the position's request. Could be same as created date, but created date is mostly used for auditing purposes.
DEFAULT_VIEW_ EFFORT_TYPE	NULLABLE	NUMBER	This is the effort type (FTE, month, person days), the end user wishes to see the data in.

Column Name	Null?	Data Type	Description
POSITION_ID	NULLABLE	NUMBER	This is the foreign key to RSC_ POSITIONS table, and the position to which this assignment belongs to.
RESOURCE_ POOL_ID	NULLABLE	NUMBER	This is the foreign key to rsc_ resource_pools table. Indicates the resource pool to which the resource for this assignment belongs to.
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
POSITION_SEQ	NULLABLE	NUMBER	This is just the sequence used to order the assignments on the UI as they were created.
DEF_VIEW_ PERIOD_TYPE	NULLABLE	NUMBER	Not Used
START_DATE	NULLABLE	DATE	Restricted - Internal Use
FINISH_DATE	NULLABLE	DATE	Restricted - Internal Use
SIMPLE_ASK_ ALLOCATION	NULLABLE	NUMBER	Restricted - Internal Use

Indexes

Index Name	Index Type	Sequence	Column Name
FKA1F58E72A1B1A5A3_I	NONUNIQUE	1	RESOURCE_ID
FKA1F58E72A85CA660_I	NONUNIQUE	1	RESOURCE_POOL_ID
FKA1F58E72D2FB4F95_I	NONUNIQUE	1	POSITION_ID
SYS_C005201577	UNIQUE	1	RESOURCE_ ASSIGNMENT_ID

Sequences

Sequence Name	Sequence Type
RSC_RESOURCE_ASSIGNMENTS_S	RESOURCE_ASSIGNMENT_ID

RSC_RESOURCE_DELEGATIONS

This table stores the delegated users for a resource to create, modify, approve, reject their time sheets.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	CREATED_BY
RSC_RESOURCES	RESOURCE_ID	RESOURCE_ID
KNTA_USERS	USER_ID	DELEGATED_TO_USER_ID

Column Descriptions

Column Name	Null?	Data Type	Description
RESOURCE_ DELEGATION_ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column must not be updated manually
DELEGATED_ TO_USER_ID	NULLABLE	NUMBER	Indicates the user to whom the right are given to create, edit and submit time sheets, approve or reject time, and freeze or close time sheets for the given resource.
START_DATE	NULLABLE	DATE	Indicates the date the delegation starts for this delegated user.
END_DATE	NULLABLE	DATE	Indicates the date the delegation starts for this delegated user.
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created

Column Name	Null?	Data Type	Description
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
RESOURCE_ID	NULLABLE	NUMBER	Indicates the resource to whom the delegated user is assigned.

Indexes

Index Name	Index Type	Sequence	Column Name
FK417133772F1F4DF6_I	NONUNIQUE	1	DELEGATED_TO_USER_ID
FK41713377A1B1A5A3_I	NONUNIQUE	1	RESOURCE_ID
SYS_C005201578	UNIQUE	1	RESOURCE_DELEGATION_ID

Sequences

Sequence Name	Sequence Type
RSC_RESOURCE_DELEGATIONS_S	RESOURCE_DELEGATION_ID

RSC_RESOURCE_POOL_MANAGERS

This is the association table between the KNTA_USERS and RSC_ RESOURCE_POOLS tables to support the many to many relation ship between them. This table stores the unique combination of the USER_ID and RESOURCE_POOL_ID.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	MANAGER_USER_ID
RSC_RESOURCE_POOLS	RESOURCE_POOL_ID	RESOURCE_POOL_ID

Column Descriptions

Column Name	Null?	Data Type	Description
RESOURCE_ POOL_ID	NOT NULL	NUMBER	This is the foreign key to RSC_RESOURCE_ POOLS table.
MANAGER_ USER_ID	NOT NULL	NUMBER	This is the foreign key to KNTA_USERS table.

Indexes

Index Name	Index Type	Sequence	Column Name
FKE8CAFF55DF6D5068_I	NONUNIQUE	1	MANAGER_USER_ID
SYS_C005201580	UNIQUE	1	RESOURCE_POOL_ID
SYS_C005201580	UNIQUE	2	MANAGER_USER_ID

Sequences

This table uses no sequences.

RSC_RESOURCE_POOLS

This table stores all the resource pools in the system. Resource pools contains resources who can be allocated to projects as needed.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KRSC_ORG_UNITS_NLS	ORG_UNIT_ID	ORG_UNIT_ID
RSC_RESOURCE_ POOLS	RESOURCE_POOL_ID	PARENT_RESOURCE_ POOL_ID
KNTA_REGIONS_NLS	REGION_ID	REGION_ID
ITG_SECURABLE_ ENTITIES	SECURABLE_ENTITY_ ID	SECURABLE_ENTITY_ ID

Column Descriptions

Column Name	Null?	Data Type	Description
RESOURCE_ POOL_ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column must not be updated manually
RESOURCE_ POOL_NAME	NOT NULL	VARCHAR2(260)	User entered name for the resource pool.
DESCRIPTION	NULLABLE	VARCHAR2(650)	User entered description for this resource pool.
USER_DATA1-20	NULLABLE	VARCHAR2(255)	User data segment
VISIBLE_USER_ DATA1-20	NULLABLE	VARCHAR2(255)	User data segment
PARENT_ RESOURCE_ POOL_ID	NULLABLE	NUMBER	Indicates the parent resource pool for this resource pool. Foreign key to the same table to a different record.

Column Name	Null?	Data Type	Description
REGION_ID	NOT NULL	NUMBER	Indicates the region this resource pool is used for. This is a foreign key to the KNTA_REGIONS table.
ORG_UNIT_ID	NULLABLE	NUMBER	Indicates the organization unit this resource pool belongs to. This is a foreign key to KRSC_ORG_UNITS table.
SECURABLE_ ENTITY_ID	NULLABLE	NUMBER	This is a foreign key to ITG_ SECURABLE_ENTITIES table.
SYSTEM_ DEFAULT_FLAG	NULLABLE	VARCHAR2(1)	Indicates whether this is the system default resource pool.
INCLUDE_ CHILD_LOAD_ FLAG	NULLABLE	VARCHAR2(1)	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
RESOURCE_ POOL_SEQ	NULLABLE	NUMBER	Used to order the resource pools as they are created for display purposes.
ENABLED_FLAG	NULLABLE	VARCHAR2(1)	Flag that indicates if this resource pool is enabled or not.

Indexes

Index Name	Index Type	Sequence	Column Name
FK6AF578034F391F9A_I	NONUNIQUE	1	ORG_UNIT_ID
FK6AF57803505BB933_I	NONUNIQUE	1	REGION_ID
FK6AF57803760C2955_I	NONUNIQUE	1	PARENT_RESOURCE_ POOL_ID
FK6AF578038432A15_I	NONUNIQUE	1	SECURABLE_ENTITY_ID
SYS_C005200398	UNIQUE	1	RESOURCE_POOL_ NAME
SYS_C005201579	UNIQUE	1	RESOURCE_POOL_ID

Sequences

Sequence Name	Sequence Type
RSC_RESOURCE_ POOLS_S	RESOURCE_POOL_ID

RSC_RESOURCE_ROLES

This is the association table between the RSC_RESOURCES and RSC_ROLES tables.

Since the application is not supporting multiple roles per user currently, this table is not used. But, later if there can be multiple roles per user, this table will be used.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
RSC_RESOURCES	RESOURCE_ID	RESOURCE_ID
RSC_ROLES_NLS	ROLE_ID	ROLE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
RESOURCE_ID	NOT NULL	NUMBER	This is the foreign key to RSC_RESOURCES table.
ROLE_ID	NOT NULL	NUMBER	This is the foreign key to RSC_ROLES table.
RESOURCE_ ROLE_SEQ	NOT NULL	NUMBER	This column is not currently used as there is only one role for a resource in the system. If there are multiple roles then this seq will be used to order the roles as they are created.

Indexes

Index Name	Index Type	Sequence	Column Name
FK6B119AE926AE1775_I	NONUNIQUE	1	ROLE_ID
SYS_C005201581	UNIQUE	1	RESOURCE_ID
SYS_C005201581	UNIQUE	2	RESOURCE_ROLE_ SEQ

Sequences

This table uses no sequences.

RSC_RESOURCES

This table stores all the resources/users in the system. It has a one to one mapping to the KNTA_USERS table. The rsc_resource_id should be same as knta_users.user_id.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_SECURITY_ GROUPS_NLS	SECURITY_GROUP_ID	BILLING_APPROVER_ SEC_GRP_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
RSC_ROLES_NLS	ROLE_ID	PRIMARY_ROLE_ID
KNTA_SECURITY_ GROUPS_NLS	SECURITY_GROUP_ID	TIME_SHEET_ APPROVER_SEC_GRP_ ID
KTMG_POLICIES	POLICY_ID	TIME_SHEET_POLICY_ ID
KNTA_USERS	USER_ID	TM_APPROVER_ID
KNTA_USERS	USER_ID	TM_BILLING_ APPROVER_ID
KNTA_USERS	USER_ID	USER_ID

Column Descriptions

Column Name	Null?	Data Type	Description
RESOURCE_ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column must not be updated manually
USER_ID	NULLABLE	NUMBER	Foreign key to KNTA_ USERS table. There is a one to one relation between user and resource tables. Also, resource_id should be same as user_id

Column Name	Null?	Data Type	Description
UNNAMED_ LABEL	NULLABLE	VARCHAR2(255)	This column is used when an unnamed headcount is created from the resource pool.
MSP_UID	NULLABLE	NUMBER	This is the ID to integrate with MS-Project. Every resource assigned to a project has a MSP_UID. This is generated by MS-Project.
PRIMARY_ROLE_ ID	NULLABLE	NUMBER	Foreign key to RSC_ROLES table. This is the role associated to this resource.
USER_DATA1-90	NULLABLE	VARCHAR2(255)	User data segment
VISIBLE_USER_ DATA1-90	NULLABLE	VARCHAR2(255)	User data segment
TIME_SHEET_ POLICY_ID	NULLABLE	NUMBER	This is a foreign key to KTMG_POLICIES table to specify what time sheet policy the resource is using.
TM_APPROVER_ ID	NULLABLE	NUMBER	Indicates the user who is the time sheet approver. This is a foreign key to KNTA_ USERS table. Either this column or TME_SHEET_ APPROVER_SEC_GROUP column is populated.
TM_BILLING_ APPROVER_ID	NULLABLE	NUMBER	Indicates the user who is the billing approver for this resource's time sheets. It is a foreign key to KNTA_ USERS table. Either this column or BILLING_ APPROVER_SEC_GROUP column is populated.
TM_ENABLED_ FLAG	NULLABLE	VARCHAR2(1)	Indicates whether the time management is enabled for this resource.

Column Name	Null?	Data Type	Description
TM_NOTIFS_ ENABLED_FLAG	NULLABLE	VARCHAR2(1)	Indicates whether this resource should receive time management notifications.
TIME_SHEET_ APPROVER_ SEC_GRP_ID	NULLABLE	NUMBER	Indicates the security group that can approve time sheets for this resource. It is a foreign key to KNTA_ SECURITY_GROUPS table. Either this column or TM_ APPROVER_ID column is populated for the resource.
BILLING_ APPROVER_ SEC_GRP_ID	NULLABLE	NUMBER	Indicates the security group that can approve the billing of the time resource. It is a foreign key to KNTA_ SECURITY_GROUPS table. Either this column or TM_ BILLING_APPROVER_ID column is populated for the resource.
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
MSP_EUID	NULLABLE	NUMBER	Enterprise unique ID of this resource from Microsoft Project Server. This is used for integrating PPM Center with single Microsoft Project Server.

Column Name	Null?	Data Type	Description
MSP_CUID	NULLABLE	VARCHAR2(255)	Custom unique ID of this resource from Microsoft Project Server. This is used for integrating PPM Center with multiple Microsoft Project Server.
USER_DATA91-100	NULLABLE	VARCHAR2(2000)	User data segment
VISIBLE_USER_DATA91-100	NULLABLE	VARCHAR2(2000)	User data segment

Indexes

Index Name	Index Type	Sequence	Column Name
FK70A5086877EA67CA_I	NONUNIQUE	1	TIME_SHEET_APPROVER_SEC_GRP_ID
FK70A508688506C736_I	NONUNIQUE	1	TM_BILLING_APPROVER_ID
FK70A50868A7DB71D8_I	NONUNIQUE	1	BILLING_APPROVER_SEC_GRP_ID
FK70A50868B94300FA_I	NONUNIQUE	1	TM_APPROVER_ID
FK70A50868C55496FA_I	NONUNIQUE	1	USER_ID
FK70A50868EE7121E7_I	NONUNIQUE	1	TIME_SHEET_POLICY_ID
FK70A50868FA15AA38_I	NONUNIQUE	1	PRIMARY_ROLE_ID
RSC_RESOURCES_N1	NONUNIQUE	1	MSP_UID
RSC_RESOURCES_N2	NONUNIQUE	1	MSP_EUID
RSC_RESOURCES_N3	NONUNIQUE	1	MSP_CUID
SYS_C005201576	UNIQUE	1	RESOURCE_ID

Sequences

This table uses no sequences.

RSC_ROLES

This table stores all the roles defined in the PPM system. Resources are associated with the roles.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
ROLE_ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column must not be updated manually.
ROLE_NAME	NOT NULL	VARCHAR2(260)	Name given to this record
DESCRIPTION	NULLABLE	VARCHAR2(650)	Text that describes this role
ENABLED_FLAG	NULLABLE	VARCHAR2(1)	Flag to indicate if this role is enabled or not
PRIMARY_FLAG	NULLABLE	VARCHAR2(1)	Indicates whether this role record is the primary role
USER_DATA1-20	NULLABLE	VARCHAR2(255)	User data segment
VISIBLE_USER_DATA1-20	NULLABLE	VARCHAR2(255)	User data segment
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record

Column Name	Null?	Data Type	Description
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
DEFINITION_LANGUAGE	NOT NULL	VARCHAR2(40)	Language in which this role was created

Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C005200416	UNIQUE	1	ROLE_ID
SYS_C005201583	UNIQUE	1	ROLE_NAME

Sequences

Sequence Name	Sequence Type
RSC_ROLES_S	ROLE_ID

RSC_RP_DISTRIBUTION_ENTRIES

This table stores the resource's percentage of participation in this resource pool. This is also an association table between RSC_RESOURCES table and RSC_RESOURCE_POOLS table.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
RSC_RESOURCES	RESOURCE_ID	RESOURCE_ID
RSC_RESOURCE_POOLS	RESOURCE_POOL_ ID	RESOURCE_POOL_ID

Column Descriptions

Column Name	Null?	Data Type	Description
RP_ DISTRIBUTION_ ENTRY_ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column must not be updated manually
START_TIME	NULLABLE	DATE	Indicates the start date of the resource in the associated resource pool.
FINISH_TIME	NULLABLE	DATE	Indicates the end date of the resource in this resource pool
DISTRIBUTION_ PERCENT	NULLABLE	FLOAT	The percentage participation of the resource in this resource pool
RESOURCE_ POOL_ID	NULLABLE	NUMBER	Foreign key to RSC_ RESOURCE_POOLS table
RESOURCE_ID	NULLABLE	NUMBER	Foreign key to RSC_ RESOURCES table

Column Name	Null?	Data Type	Description
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
RESOURCE_DIST_SEQ	NULLABLE	NUMBER	The seq used to know the order as the distributions were created. Useful to show the data in order of creation on UI.

Indexes

Index Name	Index Type	Sequence	Column Name
FK63EC4E39A1B1A5A3_I	NONUNIQUE	1	RESOURCE_ID
FK63EC4E39A85CA660_I	NONUNIQUE	1	RESOURCE_POOL_ID
SYS_C005201584	UNIQUE	1	RP_DISTRIBUTION_ENTRY_ID

Sequences

Sequence Name	Sequence Type
RSC_RP_DISTRIBUTION_ENTRIES_S	RP_DISTRIBUTION_ENTRY_ID

RSC_RP_NOTIFICATION_SETUPS

This table stores all the resource pools notification setup data. Only one record represents the default setup that will be inherited by all the newly created resource pools. Individual resource pool notification setup can be altered once the resource pool is created. This table has a one-to-one mapping to resource pool table.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
RSC_RESOURCE_POOLS	RESOURCE_POOL_ID	RESOURCE_POOL_ID

Column Descriptions

Column Name	Null?	Data Type	Description
RP_NOTIFICATION_SETUP_ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column must not be updated manually.
RESOURCE_POOL_ID	NULLABLE	NUMBER	Foreign key to RSC_RESOURCE_POOLS table
SYSTEM_FLAG	NOT NULL	VARCHAR2(1)	Flag to indicate if this record represents the system level settings for the resource pool notifications
RSCRQ_SEND_FWD_TO_RPMGR	NOT NULL	VARCHAR2(1)	Flag to represent if the resource pool manager should be notified if a resource request is sent to that resource pool

Column Name	Null?	Data Type	Description
CMT_ALLOC_ CHG_TO_RSC	NOT NULL	VARCHAR2(1)	Flag to represent if the allocated resource should be notified if the committed allocation status changes to something else.
SFTBK_ALLOC_ CHG_TO_RSC	NOT NULL	VARCHAR2(1)	Flag to represent if the allocated resource should be notified if the soft booked allocation status changes to something else.
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated

Indexes

Index Name	Index Type	Sequence	Column Name
FKD7468686A85CA660_I	NONUNIQUE	1	RESOURCE_ POOL_ID
SYS_C005201942	UNIQUE	1	RP_ NOTIFICATION_ SETUP_ID

Sequences

Sequence Name	Sequence Type
RSC_RP_NOTIFICATION_ SETUPS_S	RP_NOTIFICATION_ SETUP_ID

RSC_SKILL_PROFICIENCY

This table mainly stores the proficiency level of a skill of a resource and also is flexible to map it to entities other than resource.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
RSC_SKILLS_NLS	SKILL_ID	SKILL_ID

Column Descriptions

Column Name	Null?	Data Type	Description
SKILL_ PROFICIENCY_ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column must not be updated manually
SKILL_ID	NOT NULL	NUMBER	This is a foreign key to RSC_ SKILLS table, to which the proficiency applies.
PROFICIENCY_ LEVEL_CODE	NULLABLE	NUMBER	The code that indicates the skill level for a resource. For example, Level 1, Level 2, and so on
PARENT_TYPE_ CODE	NOT NULL	VARCHAR2(30)	The parent type code is used to identify the type of entity using the proficiency, mostly it is 'RESOURCE'
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created

Column Name	Null?	Data Type	Description
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
PARENT_ID	NULLABLE	NUMBER	Depending on the PARENT_TYPE_CODE this column refers to different entities. Mostly it refers to RSC_RESOURCE.RESOURCE_ID.

Indexes

Index Name	Index Type	Sequence	Column Name
FK435C6ECAA282BAFF_I	NONUNIQUE	1	SKILL_ID
RSC_SKILL_PROFICIENCY_N1	NONUNIQUE	1	PARENT_TYPE_CODE
RSC_SKILL_PROFICIENCY_N1	NONUNIQUE	2	PARENT_ID
SYS_C005201588	UNIQUE	1	SKILL_PROFICIENCY_ID

Sequences

Sequence Name	Sequence Type
RSC_SKILL_PROFICIENCY_S	SKILL_PROFICIENCY_ID

RSC_SKILLS

This table stores all the skills defined in the PPM system. These skills can be associated with the resources. Different levels can be defined when a skill is associated with the resource.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
RSC_SKILLS_NLS	SKILL_ID	PARENT_SKILL_ID

Column Descriptions

Column Name	Null?	Data Type	Description
SKILL_ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column must not be updated manually
SKILL_NAME	NOT NULL	VARCHAR2(260)	Name given to his skill record
DESCRIPTION	NULLABLE	VARCHAR2(650)	The text that describes this skill record
IS_ENABLED_ FLAG	NULLABLE	VARCHAR2(1)	Indicates whether this skill is enabled
CATEGORY_ CODE	NULLABLE	VARCHAR2(255)	The category of this skill selected from RSC - Skill Category validation.
PARENT_SKILL_ ID	NULLABLE	NUMBER	The parent skill for this skill record. This column may not be used in the application currently.
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record

Column Name	Null?	Data Type	Description
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
SKILL_SEQ	NULLABLE	NUMBER	This column is used by hibernate to order the associated skills.
DEFINITION_LANGUAGE	NOT NULL	VARCHAR2(40)	Language in which this skill was defined.
IS_SKILL_FOLDER_FLAG	NULLABLE	VARCHAR2(1)	Indicates if the skill is a parent skill
EXTERNAL_SYNCH_ID	NULLABLE	VARCHAR2(50)	Identifier for the skill in the external system

Indexes

Index Name	Index Type	Sequence	Column Name
FKFB4914DF77EB02F4_I	NONUNIQUE	1	PARENT_SKILL_ID
SYS_C005200445	UNIQUE	1	SKILL_NAME
SYS_C005201587	UNIQUE	1	SKILL_ID

Sequences

Sequence Name	Sequence Type
RSC_SKILLS_S	SKILL_ID

RSC_SP_NOTIFICATION_SETUPS

This table stores all the staffing profile's notification setup data. Only one record represents the default setup that will be inherited by all the newly created staffing profiles. Individual staffing profile notification setup can be altered once the staffing profile is created. There is one-to-one mapping between staffing profile and this table.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
RSC_STAFFING_ PROFILES	STAFFING_PROFILE_ID	STAFFING_PROFILE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
SP_ NOTIFICATION_ SETUP_ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column must not be updated manually.
STAFFING_ PROFILE_ID	NULLABL E	NUMBER	Foreign key to RSC_ STAFFING_PROFILES table.
SYSTEM_FLAG	NOT NULL	VARCHAR2(1)	This flag represents if this record is a system level setup.
RSCRQ_FWD_ TO_SPMGR	NOT NULL	VARCHAR2(1)	Flag to represent if staffing profile managers should be notified if a resource request is forwarded to a different resource pool.
RSCRQ_REJ_ TO_SPMGR	NOT NULL	VARCHAR2(1)	Flag to represent if staffing profile managers should be notified if a resource request is rejected.

Column Name	Null?	Data Type	Description
CMT_ALLOC_ CHG_TO_SPMGR	NOT NULL	VARCHAR2(1)	Flag to represent if staffing profile managers should be notified if a committed allocation status changed to something else.
SFTBK_ALLOC_ CHG_TO_SPMGR	NOT NULL	VARCHAR2(1)	Flag to represent if staffing profile managers should be notified if a softbooked allocation is changed to something else.
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
PREVENT_ALL_ FLAG	NULLABL E	VARCHAR2(1)	Indicates if all the notifications related to the specified Staffing Profile should disabled or not

Indexes

Index Name	Index Type	Sequence	Column Name
FK5DCC41253F9006BA_I	NONUNIQUE	1	STAFFING_ PROFILE_ID
SYS_C005201941	UNIQUE	1	SP_NOTIFICATION_ SETUP_ID

Sequences

Sequence Name	Sequence Type
RSC_SP_NOTIFICATION_SETUPS_S	SP_NOTIFICATION_SETUP_ID

RSC_STAFFING_PROFILES

RSC_STAFFING_PROFILES stores the details of staffing profile, the resource pool it is associated with, the budget, its period, and so on.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCST_BUDGETS	BUDGET_ID	BUDGET_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_REGIONS_NLS	REGION_ID	REGION_ID
RSC_RESOURCE_ POOLS	RESOURCE_POOL_ID	RESOURCE_POOL_ID
ITG_SECURABLE_ ENTITIES	SECURABLE_ENTITY_ID	SECURABLE_ENTITY_ID

Column Descriptions

Column Name	Null?	Data Type	Description
STAFFING_ PROFILE_ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column must not be updated manually
STATUS_CODE	NULLABLE	NUMBER	Indicates the status of the staffing profile that is decoded by the application. Examples of status_code meaning: In Planning, Active, Completed, and so on
STAFFING_ PROFILE_NAME	NOT NULL	VARCHAR2(300)	User entered name for this staffing profile.
BUDGET_ID	NULLABLE	NUMBER	The budget with which the staffing profile can be synchronized.

Column Name	Null?	Data Type	Description
IS_SYNCH_ BUDGET	NULLABLE	VARCHAR2(1)	Specifies if the staffing profile is synchronized with the selected budget or no. The values could be 'Y' or 'N'
DESCRIPTION	NULLABLE	VARCHAR2(650)	User entered description for this staffing profile.
USER_DATA1-20	NULLABLE	VARCHAR2(255)	User data segment
VISIBLE_USER_ DATA1-20	NULLABLE	VARCHAR2(255)	User data segment
DEFAULT_VIEW_ EFFORT_TYPE_ CODE	NULLABLE	NUMBER	User preferred effort type (FTE, month, Person Days) to view position's demand.
IS_ACTIVE_FLAG	NULLABLE	VARCHAR2(1)	Used to say if the staffing profile is active or not. Used mainly when a baseline is created and the flag is set to 'N'
START_DATE	NULLABLE	DATE	The start date of this staffing profile.
FINISH_DATE	NULLABLE	DATE	The finish date of this staffing profile.
REGION_ID	NULLABLE	NUMBER	Region with which this staffing profile is associated with.
RESOURCE_ POOL_ID	NULLABLE	NUMBER	The resource pool associated to this staffing profile. Positions inherit this resource pool by default but can be overridden.
IS_ CONSIDERED_ WORKLOAD_ FLAG	NULLABLE	VARCHAR2(1)	A flag to indicate if this staffing profile should show as workload. Values could be 'Y' or 'N'
SECURABLE_ ENTITY_ID	NULLABLE	NUMBER	This is a foreign key to ITG_ SECURABLE_ENTITIES table.

Column Name	Null?	Data Type	Description
WORK_LOAD_CATEGORY_CODE	NULLABLE	VARCHAR2(255)	Indicates what this staffing profile is used for - Strategic Projects, Legacy systems, and so on
CONTAINER_ENTITY_ID	NULLABLE	NUMBER	Foreign key to one of the container entity tables. This depends on the container_entity_type column.
CONTAINER_ENTITY_TYPE_CODE	NULLABLE	NUMBER	Specifies if this staffing profile is for project or org_unit or asset or freestanding, and so on. The entity type is decoded by the application.
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
DEF_VIEW_PERIOD_TYPE	NULLABLE	NUMBER	Indicates the default period type while viewing the staffing profile

Indexes

Index Name	Index Type	Sequence	Column Name
FKDF4ACDCA388F3C_I	NONUNIQUE	1	SECURABLE_ENTITY_ID
FKDF4ACDCA505BB933_I	NONUNIQUE	1	REGION_ID
FKDF4ACDCAA85CA660_I	NONUNIQUE	1	RESOURCE_POOL_ID
RSC_STAFFING_PROFILES_N1	NONUNIQUE	1	CONTAINER_ENTITY_ID

Index Name	Index Type	Sequence	Column Name
RSC_STAFFING_PROFILES_N1	NONUNIQUE	2	CONTAINER_ENTITY_TYPE_CODE
SYS_C00109354631	UNIQUE	1	STAFFING_PROFILE_NAME
SYS_C00109356183	UNIQUE	1	STAFFING_PROFILE_ID

Sequences

Sequence Name	Sequence Type
RSC_STAFFING_PROFILES_S	STAFFING_PROFILE_ID

RSC_STAFF_PROF_ALLOCATION

This table stores the daily allocated and actual effort (in hours) for staffing profile resource assignments.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	LAST_UPDATED_BY
RSC_STAFFING_ PROFILES	STAFFING_PROFILE_ID	STAFFING_PROFILE_ID
KNTA_USERS	USER_ID	CREATED_BY
RSC_RESOURCES	RESOURCE_ID	RESOURCE_ID
KNTA_I18N_ RESOURCES_NLS	RESOURCE_ID	RESOURCE_ID
RSC_POSITIONS	POSITION_ID	POSITION_ID
RSC_RESOURCE_ ROLES	RESOURCE_ID	RESOURCE_ID
RSC_RESOURCE_ ASSIGNMENTS	RESOURCE_ ASSIGNMENT_ID	ASSIGNMENT_ID
RSC_STAFF_PROF_ MANAGERS	STAFFING_PROFILE_ID	STAFFING_PROFILE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
STAFF_PROF_ ALLOCATION_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
VERSION	NOT NULL	NUMBER	System-generated
ASSIGNMENT_ID	NULLABLE	NUMBER	Indicates the staffing profile resource assignment.

Column Name	Null?	Data Type	Description
POSITION_ID	NOT NULL	NUMBER	Indicates the staffing profile position
RESOURCE_ID	NOT NULL	NUMBER	Indicates the resource for the assignment
STAFFING_ PROFILE_ID	NOT NULL	NUMBER	Indicates the staffing profile
ALLOCATION_ DATE	NOT NULL	DATE	Indicates the date for the allocation
ALLOCATION_ VALUE	NULLABLE	NUMBER	Indicates the allocated effort (for the resource assignment) in hours
ACTUAL_VALUE	NULLABLE	NUMBER	Indicates the actual effort in hours

Indexes

Index Name	Index Type	Sequence	Column Name
RSC_STAFF_PROF_ ALLOCATION_N1	NONUNIQUE	1	ASSIGNMENT_ID
RSC_STAFF_PROF_ ALLOCATION_N2	NONUNIQUE	1	POSITION_ID
RSC_STAFF_PROF_ ALLOCATION_N3	NONUNIQUE	1	RESOURCE_ID
RSC_STAFF_PROF_ ALLOCATION_N4	NONUNIQUE	1	STAFFING_ PROFILE_ID
SYS_C005201591	UNIQUE	1	STAFF_PROF_ ALLOCATION_ID

Sequences

Sequence Name	Sequence Type
RSC_STAFF_PROF_ ALLOCATION_S	STAFF_PROF_ ALLOCATION_ID

RSC_STAFF_PROF_MANAGERS

This is a many to many association table between the RSC_STAFFING_PROFILES and KNTA_USERS tables. These are the managers for staffing profiles.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
RSC_STAFFING_PROFILES	STAFFING_PROFILE_ID	STAFFING_PROFILE_ID
KNTA_USERS	USER_ID	MANAGER_USER_ID

Column Descriptions

Column Name	Null?	Data Type	Description
STAFFING_PROFILE_ID	NOT NULL	NUMBER	Foreign key to RSC_STAFFING_PROFILE table.
MANAGER_USER_ID	NOT NULL	NUMBER	Foreign key to KNTA_USERS table.

Indexes

Index Name	Index Type	Sequence	Column Name
FK88D1C7F0DF6D5068_I	NONUNIQUE	1	MANAGER_USER_ID
SYS_C005201592	UNIQUE	1	STAFFING_PROFILE_ID
SYS_C005201592	UNIQUE	2	MANAGER_USER_ID

Sequences

This table uses no sequences.

RSC_STAFFING_PROFILES

RSC_STAFFING_PROFILES stores the details of staffing profile, the resource pool it is associated to, the budget, it's period, etc.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCST_BUDGETS	BUDGET_ID	BUDGET_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_REGIONS_NLS	REGION_ID	REGION_ID
RSC_RESOURCE_POOLS	RESOURCE_POOL_ID	RESOURCE_POOL_ID
ITG_SECURABLE_ENTITIES	SECURABLE_ENTITY_ID	SECURABLE_ ENTITY_ID

Column Descriptions

Column Name	Null?	Data Type	Description
STAFFING_ PROFILE_ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column should not be updated manually.
STATUS_CODE	NULLABLE	NUMBER	Indicates the status of the staffing profile that is decoded by the application. Examples of status_code meaning: In Planning, Active, Completed, and so on.
STAFFING_ PROFILE_NAME	NOT NULL	VARCHAR2(300)	The user entered name for this staffing profile
BUDGET_ID	NULLABLE	NUMBER	Budget with which the staffing profile can be synchronized
IS_SYNCH_ BUDGET	NULLABLE	VARCHAR2(1)	Specifies if the staffing profile is synchronized with the selected budget or no. The values could be 'Y' or 'N'

Column Name	Null?	Data Type	Description
DESCRIPTION	NULLABLE	VARCHAR2(650)	The user entered description for this staffing profile
USER_DATA1-20	NULLABLE	VARCHAR2(255)	User data segment
VISIBLE_USER_ DATA1-20	NULLABLE	VARCHAR2(255)	User data segment
DEFAULT_VIEW_ EFFORT_TYPE_ CODE	NULLABLE	NUMBER	The user preferred effort type (FTE, month, person days) to view position's demand
IS_ACTIVE_FLAG	NULLABLE	VARCHAR2(1)	Indicates whether the staffing profile is active. Used mainly when a baseline is created and the flag is set to 'N'
START_DATE	NULLABLE	DATE	Start date of this staffing profile
FINISH_DATE	NULLABLE	DATE	Finish date of this staffing profile
REGION_ID	NULLABLE	NUMBER	Region with which this staffing profile is associated to
RESOURCE_ POOL_ID	NULLABLE	NUMBER	Resource pool associated to this staffing profile. Positions inherit this resource pool by default but can be overridden.
IS_ CONSIDERED_ WORKLOAD_ FLAG	NULLABLE	VARCHAR2(1)	Indicates whether this staffing profile should show as workload. Values could be 'Y' or 'N'
SECURABLE_ ENTITY_ID	NULLABLE	NUMBER	Foreign key to the ITG_ SECURABLE_ENTITIES table
WORK_LOAD_ CATEGORY_ CODE	NULLABLE	VARCHAR2(255)	Indicates what this staffing profile is used for - Strategic Projects, Legacy systems, and so on.
CONTAINER_ ENTITY_ID	NULLABLE	NUMBER	Foreign key to one of the container entity tables. This depends on the container_ entity_type column.

Column Name	Null?	Data Type	Description
CONTAINER_ ENTITY_TYPE_ CODE	NULLABLE	NUMBER	Specifies whether this staffing profile is for project or org_unit or asset or freestanding, and so on. The entity type is decoded by the application.
CREATED_BY	NOT NULL	NUMBER	Identifier for the user that created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user that last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
DEF_VIEW_ PERIOD_TYPE	NULLABLE	NUMBER	Indicates the default period type while viewing the staffing profile

Indexes

Index Name	Index Type	Sequence	Column Name
FKDF4ACDCA388F3C_I	NONUNIQUE	1	SECURABLE_ENTITY_ ID
FKDF4ACDCA505BB933_I	NONUNIQUE	1	REGION_ID
FKDF4ACDCAA85CA660_I	NONUNIQUE	1	RESOURCE_POOL_ID
RSC_STAFFING_ PROFILES_N1	NONUNIQUE	1	CONTAINER_ENTITY_ ID
RSC_STAFFING_ PROFILES_N1	NONUNIQUE	2	CONTAINER_ENTITY_ TYPE_CODE
SYS_C005200472	UNIQUE	1	STAFFING_PROFILE_ NAME
SYS_C005201590	UNIQUE	1	STAFFING_PROFILE_ID

Sequences

Sequence Name	Sequence Type
RSC_STAFFING_PROFILES_S	STAFFING_PROFILE_ID

SDI_LOG_DETAILS

This table stores the details for errors that have a value of Y in the MESSAGES column of the summary logs table.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
SDI_SUMMARY_LOGS	LOG_ID	LOG_ID

Column Descriptions

Column Name	Null?	Data Type	Description
LOG_DETAIL_ID	NOT NULL	NUMBER	System-generated identifier
LOG_ID	NOT NULL	NUMBER	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
DETAILS	NOT NULL	VARCHAR2(2000)	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update

Indexes

Index Name	Index Type	Sequence	Column Name
SDI_LOG_DETAILS_N1	NONUNIQUE	1	LOG_ID
SDI_LOG_DETAILS_N2	NONUNIQUE	1	CREATED_BY
SDI_LOG_DETAILS_U1	UNIQUE	1	LOG_DETAIL_ID

Sequences

Sequence Name	Sequence Type
SDI_LOG_DETAILS_S	LOG_DETAIL_ID

SDI_SUMMARY_LOGS

This table logs the errors and the information about tickets that are being processed.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	CREATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
LOG_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
TICKET_ID	NOT NULL	VARCHAR2(40)	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update
COMPONENT	NOT NULL	VARCHAR2(100)	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update

Column Name	Null?	Data Type	Description
ADAPTER_NAME	NULLABLE	VARCHAR2(100)	For the token evaluation engine. Contains the primary key of a table (see KNTA_ TOKEN). The reference to this table is used to resolve all the tokens from this context after update
IN_PROCESS	NOT NULL	CHAR	For the token evaluation engine. Contains the primary key of a table (see KNTA_ TOKEN). The reference to this table is used to resolve all the tokens from this context after update
MESSAGES	NOT NULL	CHAR	For the token evaluation engine. Contains the primary key of a table (see KNTA_ TOKEN). The reference to this table is used to resolve all the tokens from this context after update
STATUS	NOT NULL	VARCHAR2(400)	For the token evaluation engine. Contains the primary key of a table (see KNTA_ TOKEN). The reference to this table is used to resolve all the tokens from this context after update

Indexes

Index Name	Index Type	Sequence	Column Name
SDI_SUMMARY_LOGS_N1	NONUNIQUE	1	CREATED_BY
SDI_SUMMARY_LOGS_N2	NONUNIQUE	1	TICKET_ID
SDI_SUMMARY_LOGS_U1	UNIQUE	1	LOG_ID

Sequences

Sequence Name	Sequence Type
SDI_SUMMARY_LOGS_S	LOG_ID

SM_RFC

This table contains information about RFC entities. RFC entities are created by integration between PPM and Service Manager (SM-RFC).

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_ENTITIES_NLS	ENTITY_ID	PARENT_ENTITY_ID

Column Descriptions

Column Name	Null?	Data Type	Description
RFC_ID	NOT NULL	NUMBER	System-generated identifier
REMOTE_RFC_ID	NULLABLE	VARCHAR2(255)	RFC ID in Service Manager
RFC_STATUS	NULLABLE	VARCHAR2(255)	RFC Status
RFC_CLOSURE_ CODE	NULLABLE	VARCHAR2(255)	RFC Closure code (from SM)
RFC_CLOSURE_ MEANING	NULLABLE	VARCHAR2(255)	RFC Closure meaning (from SM)
CREATION_DATE	NULLABLE	DATE	Date record was created
CREATED_BY	NULLABLE	NUMBER	Identifier for the user who created the record
LAST_UPDATE_ DATE	NULLABLE	DATE	Date record was last updated
LAST_UPDATED_ BY	NULLABLE	NUMBER	Identifier for the user who last updated the record
RFC_LAST_ UPDATED_DATE	NULLABLE	DATE	Time RFC was updated in Service Manager
RFC_LAST_ UPDATED_BY	NULLABLE	VARCHAR2(255)	Identifier for the user who last updated the record in SM

Column Name	Null?	Data Type	Description
PARENT_ENTITY_ ID	NOT NULL	NUMBER	Entity ID of the PPM entity that contains this RFC (for example, task)
PARENT_ PRIMARY_KEY	NOT NULL	NUMBER	Identifier for the entity that contains this RFC
SERVICE_ STATUS_CODE	NULLABLE	NUMBER	Code representation of last service update status
SERVICE_ MESSAGE	NULLABLE	VARCHAR2(2000)	Success or Error message describing the service update status
VERSION	NULLABLE	NUMBER	RFC version

Indexes

Index Name	Index Type	Sequence	Column Name
SM_RFC_U1	UNIQUE	1	PARENT_ENTITY_ID
SM_RFC_U1	UNIQUE	2	PARENT_PRIMARY_KEY
SYS_C005201875	UNIQUE	1	RFC_ID

Sequences

Sequence Name	Sequence Type
SM_RFC_S	RFC_ID

TM_ACTUALS

This table stores the actuals for each time sheet item including cost information and associated Activities. A single time sheet item will contain a row in this table for each Activity associated with the item (a single row if no Activities are used), and an additional row for the total, which is indicated by the TOTALS_FLAG.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
ITG_ACTIVITIES_NLS	ACTIVITY_ID	ACTIVITY_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
TM_TIME_SHEET_ LINES	TIME_SHEET_LINE_ID	TIME_SHEET_LINE_ID
KNTA_USERS	USER_ID	CREATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
ACTUALS_ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column must not be updated manually.
ACTIVITY_ID	NULLABLE	NUMBER	Indicates an associated Activity to time sheet item.
ACT_CAP_ LABOR_BSE	NULLABLE	NUMBER	Captures the actual capitalized labor costs in the system's base currency.
ACT_CAP_ LABOR_LCL	NULLABLE	NUMBER	Captures the actual capitalized labor costs in the local currency.
ACT_CAP_ LABOR_CUR_LCL	NULLABLE	VARCHAR2(255)	Captures the currency code for the local currency used by the actual capitalized labor costs.

Column Name	Null?	Data Type	Description
ACT_CAP_NON_LABOR_BSE	NULLABLE	NUMBER	Captures the actual capitalized non-labor costs in the system's base currency.
ACT_CAP_NON_LABOR_LCL	NULLABLE	NUMBER	Captures the actual capitalized non-labor costs in the local currency.
ACT_CAP_NON_LABOR_CUR_LCL	NULLABLE	VARCHAR2(255)	Captures the currency code for the local currency used by the actual capitalized non-labor costs.
ACT_OP_LABOR_BSE	NULLABLE	NUMBER	Captures the actual operational labor costs in the system's base currency.
ACT_OP_LABOR_LCL	NULLABLE	NUMBER	Captures the actual operational labor costs in the local currency.
ACT_OP_LABOR_CUR_LCL	NULLABLE	VARCHAR2(255)	Captures the currency code for the local currency used by the actual operational labor costs.
ACT_OP_NON_LABOR_BSE	NULLABLE	NUMBER	Captures the actual operational non-labor costs in the system's base currency.
ACT_OP_NON_LABOR_LCL	NULLABLE	NUMBER	Captures the actual operational non-labor costs in the local currency.
ACT_OP_NON_LABOR_CUR_LCL	NULLABLE	VARCHAR2(255)	Captures the currency code for the local currency used by the actual operational non-labor costs.
TOTALS_FLAG	NULLABLE	VARCHAR2(1)	Indicates whether the row represents a total for a single time sheet item, as opposed to an Activity. Y = Total, N = Non-Total.
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record

Column Name	Null?	Data Type	Description
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
TIME_SHEET_LINE_ID	NULLABLE	NUMBER	References the TIME_SHEET_LINE_ID in TM_TIME_SHEET_LINES.
TIME_ACTUALS_SEQ	NULLABLE	NUMBER	Captures the internal ordering of the rows for each time sheet item.

Indexes

Index Name	Index Type	Sequence	Column Name
FK19BFB4DFA2C1EF93_I	NONUNIQUE	1	ACTIVITY_ID
FK19BFB4DFE2408E7_I	NONUNIQUE	1	TIME_SHEET_LINE_ID
SYS_C005201593	UNIQUE	1	ACTUALS_ID

Sequences

Sequence Name	Sequence Type
TM_ACTUALS_S	ACTUALS_ID

TM_ACTUALS_EFFORT

This table has a many-to-one relationship with the TM_ACTUALS table. It stores the time breakdown cell data for time sheet items.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
TM_ACTUALS	ACTUALS_ID	ACTUALS_ID

Column Descriptions

Column Name	Null?	Data Type	Description
ACTUALS_ID	NOT NULL	NUMBER	Foreign key to the TM_ ACTUALS table.
ACTUAL_ EFFORT	NULLABLE	FLOAT	Stores the actual effort for a single cell of data that appears on the time breakdown of a time sheet item.
EFFORT_ORDER	NOT NULL	NUMBER	Defines the sequence order for the ACTUAL_EFFORT of the time breakdown. Valid values for this column start with 1 and increment by 1. Actuals for a time sheet item appear on the time breakdown in this order from left to right.

Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C005201594	UNIQUE	1	ACTUALS_ID
SYS_C005201594	UNIQUE	2	EFFORT_ORDER

Sequences

This table uses no sequences.

TM_LINE_CHARGE_CODES

This many-to-many cross reference table joins charge codes to the time sheet items that use them.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KTMG_CHARGE_CODES_NLS	CHARGE_CODE_ID	CHARGE_CODE_ID
TM_TIME_SHEET_LINES	TIME_SHEET_LINE_ID	TIME_SHEET_LINE_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
LINE_CHARGE_CODE_ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column must not be updated manually
CHARGE_CODE_ID	NOT NULL	NUMBER	Indicates the charge code in KTMG_CHARGE_CODES which is used by a time sheet item.
CHARGE_PERCENT	NULLABLE	FLOAT	Indicates the current charge percent for the charge code identified by CHARGE_CODE_ID
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record

Column Name	Null?	Data Type	Description
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
TIME_SHEET_LINE_ID	NULLABLE	NUMBER	Identifies the time sheet item that the charge code is associated with.
TIME_SHEET_LINE_CC_SEQ	NULLABLE	NUMBER	Captures the internal ordering of the rows for each time sheet item.

Indexes

Index Name	Index Type	Sequence	Column Name
FKA003B1002DB42636_I	NONUNIQUE	1	CHARGE_CODE_ID
FKA003B100E2408E7_I	NONUNIQUE	1	TIME_SHEET_LINE_ID
SYS_C005201595	UNIQUE	1	LINE_CHARGE_CODE_ID

Sequences

Sequence Name	Sequence Type
TM_LINE_CHARGE_CODES_S	LINE_CHARGE_CODE_ID

TM_PENDING_APPROVERS_EVALS

This table stores pending records that are waiting for the Reevaluate Approvers Service that will update any change needed in the possible approvers for any time sheet.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KCRT_REQUESTS	REQUEST_ID	OVR_WORK_ITEM_ID
WP_TASKS	TASK_ID	OVR_WORK_ITEM_ID
KDLV_PACKAGES	PACKAGE_ID	OVR_WORK_ITEM_ID
PM_PROJECTS	PROJECT_ID	OVR_WORK_ITEM_SET_ID
KCRT_REQUEST_ TYPES_NLS	REQUEST_TYPE_ID	OVR_WORK_ITEM_SET_ID
KWFL_WORKFLOWS_ NLS	WORKFLOW_ID	OVR_WORK_ITEM_SET_ID

Column Descriptions

Column Name	Null?	Data Type	Description
ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column must not be updated manually.
SOURCE_TYPE	NOT NULL	VARCHAR2(255)	Type of the source of the change. Can be either resource, override rules, or project settings.
SOURCE_ID	NULLABLE	VARCHAR2(255)	ID of the source of this change. Can be either resource id, override rule ID or project ID
TIME_ APPROVER_ TYPE	NULLABLE	VARCHAR2(1)	Y if the change if for time approvers, N if not.

Column Name	Null?	Data Type	Description
BILLING_ APPROVER_ TYPE	NULLABLE	VARCHAR2(1)	Y if the change if for billing approvers, N if not.
OVR_WORK_ ITEM_TYPE	NULLABLE	VARCHAR2(255)	Used only if the source if override rule, to specify the work item type of this override rule.
OVR_WORK_ ITEM_SET_ID	NULLABLE	VARCHAR2(255)	Used only if the source if override rule, to specify the work item set ID of this override rule.
OVR_WORK_ ITEM_ID	NULLABLE	VARCHAR2(255)	Used only if the source if override rule, to specify the work item ID of this override rule.
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated

Indexes

Index Name	Index Type	Sequence	Column Name
TM_PENDING_ APPROVERS_EVALS_U1	NONUNIQUE	1	ID

Sequences

Sequence Name	Sequence Type
TM_PENDING_ APPROVERS_EVALS_S	ID

TM_RESOURCE_QUICKLIST_ITEMS

This table stores the "My Items" list for each resource to allow quick addition of items to a Time Sheet.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KDLV_PACKAGES	PACKAGE_ID	WORK_ITEM_ID
PM_PROJECTS	PROJECT_ID	WORK_ITEM_SET_ID
RSC_RESOURCES	RESOURCE_ID	RESOURCE_ID
KCRT_REQUEST_ TYPES_NLS	REQUEST_TYPE_ID	WORK_ITEM_SET_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KWFL_WORKFLOWS_ NLS	WORKFLOW_ID	WORK_ITEM_SET_ID
KCRT_REQUESTS	REQUEST_ID	WORK_ITEM_ID
WP_TASKS	TASK_ID	WORK_ITEM_ID

Column Descriptions

Column Name	Null?	Data Type	Description
RESOURCE_ QUICKLIST_ ITEM_ID	NOT NULL	NUMBER	System-generated identifier
RESOURCE_ID	NOT NULL	NUMBER	Identifies the Resource that this item belongs to.
WORK_ITEM_ID	NOT NULL	VARCHAR2(255)	Identifies the item contained in a Resource's "My Items" list. Valid IDs are Request IDs, Package IDs, Task IDs, or Miscellaneous Items.
WORK_ITEM_ SET_ID	NOT NULL	VARCHAR2(255)	Identifies the parent set for the item. Valid IDs are Request Types, Workflows, Projects or Miscellaneous items.

Column Name	Null?	Data Type	Description
WORK_ITEM_ TYPE	NOT NULL	VARCHAR2(255)	Indicates the type of item. Valid values are REQUEST, PACKAGE, PROJECT, TASK, and MISC.
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated

Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C005200521	UNIQUE	1	RESOURCE_ID
SYS_C005200521	UNIQUE	2	WORK_ITEM_ID
SYS_C005200521	UNIQUE	3	WORK_ITEM_TYPE
SYS_C005201596	UNIQUE	1	RESOURCE_ QUICKLIST_ITEM_ID

Sequences

Sequence Name	Sequence Type
TM_RESOURCE_QL_ ITEMS_HIB_S	RESOURCE_ QUICKLIST_ITEM_ID

TM_TIME_SHEET_LINES

This table stores the list of items added to each time sheet.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	ACTUAL_APPROVER_USER_ID
ITG_TRUSTEE	TRUSTEE_ID	BASE_TRUSTEE_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_SECURITY_GROUPS_NLS	SECURITY_GROUP_ID	SECURITY_GROUP_ID
TM_TIME_SHEETS	TIME_SHEET_ID	TIME_SHEET_ID
WP_TASKS	TASK_ID	WORK_ITEM_ID
KCRT_REQUESTS	REQUEST_ID	WORK_ITEM_ID
KDLV_PACKAGES	PACKAGE_ID	WORK_ITEM_ID
KWFL_WORKFLOWS_NLS	WORKFLOW_ID	WORK_ITEM_SET_ID
PM_PROJECTS	PROJECT_ID	WORK_ITEM_SET_ID
KCRT_REQUEST_TYPES_NLS	REQUEST_TYPE_ID	WORK_ITEM_SET_ID

Column Descriptions

Column Name	Null?	Data Type	Description
TIME_SHEET_LINE_ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column must not be updated manually
TIME_SHEET_ID	NOT NULL	NUMBER	Identifies the time sheet that this item belongs to.

Column Name	Null?	Data Type	Description
WORK_ITEM_ID	NULLABLE	VARCHAR2(255)	Identifies the item that this line represents. Valid values represent Request IDs, Package IDs, Task IDs, and Miscellaneous Items.
WORK_ITEM_SET_ ID	NULLABLE	VARCHAR2(255)	Identifies the parent type of the item. Valid values represent Request Types, Workflows, Projects, and Miscellaneous Items.
WORK_ITEM_TYPE	NULLABLE	VARCHAR2(255)	Indicates the type of item. Valid values are REQUEST, PACKAGE, TASK, PROJECT, and MISC.
BASE_TRUSTEE_ID	NULLABLE	NUMBER	Identifies the time approver of the time sheet item if it is configured to be a participant group.
SECURITY_ GROUP_ID	NULLABLE	NUMBER	Identifies the time approver of the time sheet item if it is configured to be a Security Group.
STATE	NULLABLE	NUMBER	Defines the current state of the time sheet item.
EDIT_ACTIVITY_ FLAG	NULLABLE	VARCHAR2(1)	Indicates whether Activities are editable for this particular item.
CHARGE_CODES_ UPDATEABLE_ FLAG	NULLABLE	VARCHAR2(1)	Indicates whether charge codes are updateable for this particular item.
CHARGE_CODES_ REQUIRED_FLAG	NULLABLE	VARCHAR2(1)	Indicates whether charge codes are required to be configured on this item.

Column Name	Null?	Data Type	Description
EFFORT_ON_ WORK_ITEM_ ENTITY	NULLABLE	VARCHAR2(1)	A flag to determine if actuals should be synchronized to the PM tasks (pushed or removed) or not, if they are already in synchronization.
CREATION_ SOURCE_CODE	NULLABLE	VARCHAR2(255)	Contains the creation source of this line item.
ACTUAL_ APPROVER_USER_ ID	NULLABLE	NUMBER	References the USER_ID in KNTA_USERS of the user who approved the line item.
TM_WORK_UNIT_ ID	NULLABLE	NUMBER	ID of the corresponding work unit from TM_ WORK_UNITS
USER_DATA1-20	NULLABLE	VARCHAR2(255)	User data segment
VISIBLE_USER_ DATA1-20	NULLABLE	VARCHAR2(255)	User data segment
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
TIME_SHEET_ LINE_SEQ	NULLABLE	NUMBER	Contains the internal sequence of lines for a time sheet.

Indexes

Index Name	Index Type	Sequence	Column Name
FK3F7A26B35BD31FCB_I	NONUNIQUE	1	BASE_TRUSTEE_ID
FK3F7A26B3FCB0930C_I	NONUNIQUE	1	TIME_SHEET_ID
FK3F7A26B3FE01C679_I	NONUNIQUE	1	SECURITY_GROUP_ ID
FK3F7A26B3FE17B54F_I	NONUNIQUE	1	TM_WORK_UNIT_ID

Index Name	Index Type	Sequence	Column Name
FK3F7A26B3FF595611_I	NONUNIQUE	1	ACTUAL_ APPROVER_USER_ ID
SYS_C00109356191	UNIQUE	1	TIME_SHEET_LINE_ ID
TM_TIME_SHEET_LINES_N1	NONUNIQUE	1	WORK_ITEM_ID
TM_TIME_SHEET_LINES_N1	NONUNIQUE	2	WORK_ITEM_TYPE
TM_TIME_SHEET_LINES_N2	NONUNIQUE	1	WORK_ITEM_SET_ID

Sequences

Sequence Name	Sequence Type
TM_TIME_SHEET_LINES_S	TIME_SHEET_LINE_ID

TM_TIME_SHEETS

This table stores the definition of each time sheet including the copied policy information from the resource's time sheet policy.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
ITG_TRUSTEE	TRUSTEE_ID	BASE_TRUSTEE_ID
KNTA_SECURITY_ GROUPS_NLS	SECURITY_ GROUP_ID	BILLING_APPROVER_ SEC_GRP_ID
ITG_CALENDAR	CALENDAR_ID	CALENDAR_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KTMG_PERIODS	PERIOD_ID	PERIOD_ID
RSC_RESOURCES	RESOURCE_ID	RESOURCE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
TIME_SHEET_ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column must not be updated manually
RESOURCE_ID	NOT NULL	NUMBER	Identifies the Resource that this time sheet belongs to.
PERIOD_ID	NULLABLE	NUMBER	Identifies the period for which this time sheet tracks actuals
CALENDAR_ID	NOT NULL	NUMBER	Identifies the unique internal calendar for the time sheet. It is used by the system to keep track of actual information and must not be modified. This calendar does not reference the Resource's calendar.

Column Name	Null?	Data Type	Description
STATUS_CODE	NULLABLE	NUMBER	Indicates the status of the time sheet
DESCRIPTION	NULLABLE	VARCHAR2(650)	Describes the time sheet. This value defaults to the format "Resource - Period".
SEQ	NULLABLE	NUMBER	Contains the internal order of time sheets for display when a Resource has multiple time sheets for a given period.
EXCEPTION_ MESSAGE	NULLABLE	VARCHAR2(650)	Stores the policy exceptions for display in the time sheet, if any exceptions exist.
BASE_TRUSTEE_ ID	NULLABLE	NUMBER	Identifies the billing approver of the time sheet if it is configured to be a participant group.
BILLING_ APPROVER_SEC_ GRP_ID	NULLABLE	NUMBER	Identifies the billing approver of the time sheet if it is configured to be a Security Group.
TIME_ENTRY_ DURATION_CODE	NULLABLE	VARCHAR2(255)	Indicates the granularity of effort entered into the time sheet. This is controlled by the time sheet Policy. Valid values are DAY and PERIOD.
TIME_ENTRY_ UNIT_CODE	NULLABLE	VARCHAR2(255)	Indicates the unit of measurement for time entry into the time sheet. This is controlled by the time sheet Policy. Valid values are HOURS and PERCENT.
PERIOD_HOURS_ CALC_TYPE_ CODE	NULLABLE	VARCHAR2(255)	Indicates the setting for calculating the number of hours in a period. This is controlled by the time sheet policy. Valid values are WORKDAY and FIXED.

Column Name	Null?	Data Type	Description
PERIOD_HOURS	NULLABLE	NUMBER	If PERIOD_HOURS_ CALC_TYPE_CODE is set to FIXED, this column indicates the fixed number of hours in a period.
WORKDAY_ HOURS	NULLABLE	NUMBER	If PERIOD_HOURS_ CALC_TYPE_CODE is set to WORKDAY, this column indicates the number of hours in a working day.
DUPLICATE_ ALLOWED_FLAG	NULLABLE	VARCHAR2(1)	Indicates whether multiple time sheets are allowed in a given period.
MIN_MAX_ HOURS_CALC_ TYPE_CODE	NULLABLE	VARCHAR2(255)	Indicates the setting for calculating the number of hours when checking for minimum and maximum requirements. This is controlled by the time sheet Policy.
TIME_SHEET_ REQUIRED_FLAG	NULLABLE	VARCHAR2(1)	Indicates whether a Resource must submit a time sheet for every period.
MAX_HOURS_ PER_DAY	NULLABLE	NUMBER	Indicates the maximum number of hours per day a Resource may log time for in the time sheet.
MAX_HOURS_ PER_TIME_SHEET	NULLABLE	NUMBER	Indicates the maximum number of hours per time sheet a Resource may log.
MIN_HOURS_PER_ TIME_SHEET	NULLABLE	NUMBER	Indicates the minimum number of hours per time sheet a Resource must log.
MAX_PERCENT_ PER_TIMESHEET	NULLABLE	NUMBER	Indicates the maximum percentage allowed on the time sheet.
MIN_PERCENT_ PER_TIMESHEET	NULLABLE	NUMBER	Indicates the minimum percentage required on the time sheet.

Column Name	Null?	Data Type	Description
PREVENT_ VIOLATION_FLAG	NULLABLE	VARCHAR2(1)	Indicates whether a Resource is prevented from submitting a time sheet if there are policy violations.
REQ_ACTIVITIES_ REQUIRED_FLAG	NULLABLE	VARCHAR2(1)	Indicates whether Activities are required to be added to Request items on the time sheet.
TSK_ACTIVITIES_ REQUIRED_FLAG	NULLABLE	VARCHAR2(1)	Indicates whether Activities are required to be added to Task items on the time sheet.
PRJ_ACTIVITIES_ REQUIRED_FLAG	NOT NULL	VARCHAR2(4)	Indicates whether Activities are required to be added to Project items on the time sheet.
PKG_ACTIVITIES_ REQUIRED_FLAG	NULLABLE	VARCHAR2(1)	Indicates whether Activities are required to be added to Package items on the time sheet.
MISC_ACTIVITIES_ REQUIRED_FLAG	NULLABLE	VARCHAR2(1)	Indicates whether Activities are required to be added to Miscellaneous items on the time sheet.
WORKITEM_REQ_ ENABLED_FLAG	NOT NULL	VARCHAR2(4)	Indicates whether Requests can be added as work item to the time sheet.
WORKITEM_TSK_ ENABLED_FLAG	NOT NULL	VARCHAR2(4)	Indicates whether Tasks can be added as work item to the time sheet.
WORKITEM_PRJ_ ENABLED_FLAG	NOT NULL	VARCHAR2(4)	Indicates whether Projects can be added as work item to the time sheet.
WORKITEM_PKG_ ENABLED_FLAG	NOT NULL	VARCHAR2(4)	Indicates whether Packages can be added as work item to the time sheet.

Column Name	Null?	Data Type	Description
WORKITEM_MSC_ENABLED_FLAG	NOT NULL	VARCHAR2(4)	Indicates whether Miscellaneous can be added as work item to the time sheet.
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
ALLOW_EMPTY_LINE	NOT NULL	NUMBER	Level how to deal with empty time sheet lines in this time sheet

Indexes

Index Name	Index Type	Sequence	Column Name
FKF38627E05BD31FCB_I	NONUNIQUE	1	BASE_TRUSTEE_ID
FKF38627E05F1CC5BE_I	NONUNIQUE	1	CALENDAR_ID
FKF38627E0A1B1A5A3_I	NONUNIQUE	1	RESOURCE_ID
FKF38627E0A7DB71D8_I	NONUNIQUE	1	BILLING_APPROVER_SEC_GRP_ID
SYS_C005201597	UNIQUE	1	TIME_SHEET_ID
TM_TIME_SHEETS_N1	NONUNIQUE	1	PERIOD_ID

Sequences

Sequence Name	Sequence Type
TM_TIME_SHEETS_S	TIME_SHEET_ID

TM_USERS_BILLING_APPROVERS

This many-to-one cross reference table indicates the users who are the billing approvers for each time sheet.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	BILLING_APPROVER_USER_ID
TM_TIME_SHEETS	TIME_SHEET_ID	BILLING_APPROVER_TIME_SHEET_ID

Column Descriptions

Column Name	Null?	Data Type	Description
BILLING_APPROVER_TIME_SHEET_ID	NOT NULL	NUMBER	References the TIME_SHEET_ID in TM_TIME_SHEETS that this approval record is for.
BILLING_APPROVER_USER_ID	NOT NULL	NUMBER	References the USER_ID in KNTA_USERS of a user who can act as a billing approver for associated time sheet.

Indexes

Index Name	Index Type	Sequence	Column Name
FK45CF6F4DDEA234C4_I	NONUNIQUE	1	BILLING_APPROVER_USER_ID
SYS_C005201599	UNIQUE	1	BILLING_APPROVER_TIME_SHEET_ID
SYS_C005201599	UNIQUE	2	BILLING_APPROVER_USER_ID

Sequences

This table uses no sequences.

TM_USERS_TIME_APPROVERS

This many-to-one cross reference table stores the users who are the time approvers for each time sheet item.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
TM_TIME_SHEET_LINES	TIME_SHEET_LINE_ID	APPROVER_TIME_SHEET_LINE_ID
KNTA_USERS	USER_ID	TIME_APPROVER_USER_ID

Column Descriptions

Column Name	Null?	Data Type	Description
APPROVER_TIME_SHEET_LINE_ID	NOT NULL	NUMBER	References the TIME_SHEET_LINE_ID in TM_TIME_SHEET_LINESS that this approval record is for.
TIME_APPROVER_USER_ID	NOT NULL	NUMBER	References the USER_ID in KNTA_USERS of a user who can act as a time approver for the associated time sheet item.

Indexes

Index Name	Index Type	Sequence	Column Name
FK5F377479454072B2_I	NONUNIQUE	1	TIME_APPROVER_USER_ID
SYS_C005201600	UNIQUE	1	APPROVER_TIME_SHEET_LINE_ID
SYS_C005201600	UNIQUE	2	TIME_APPROVER_USER_ID

Sequences

This table uses no sequences.

TM_WORK_UNITS

This table stores information about assignments of resources to Request, Tasks and Projects - as viewed on time sheets.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
RSC_RESOURCES	RESOURCE_ID	RESOURCE_ID
KCRT_REQUESTS	REQUEST_ID	WORK_ITEM_ID
KDLV_PACKAGES	PACKAGE_ID	WORK_ITEM_ID
WP_TASKS	TASK_ID	WORK_ITEM_ID

Column Descriptions

Column Name	Null?	Data Type	Description
TM_WORK_UNIT_ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column must not be updated manually
WORK_ITEM_ID	NOT NULL	VARCHAR2(255)	Identifies the item that this work unit represents. Valid values represent Request IDs, Project IDs, Task IDs.
WORK_ITEM_TYPE	NOT NULL	VARCHAR2(255)	Indicates the type of item that this work unit represents. Valid values are REQUEST, TASK, and PROJECT
RESOURCE_ID	NOT NULL	NUMBER	ID of the resource associated with this item in this work unit
ACT_START_DATE	NULLABLE	DATE	Actual start date of the resource on this work item
ACT_FINISH_DATE	NULLABLE	DATE	Actual finish date of the resource on this work item
ACT_EFFORT	NULLABLE	NUMBER	Actual effort, in days, of the resource on this work item

Column Name	Null?	Data Type	Description
PERC_ COMPLETE	NULLABLE	NUMBER	Actual percent complete of the resource on this work item
EST_EFFORT	NULLABLE	NUMBER	Estimated remaining effort of the resource on this work item
EST_FINISH_ DATE	NULLABLE	DATE	Estimated finish date of the resource on this work item
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
NEEDS_SYNC	NOT NULL	VARCHAR2(1)	Flag (Y/N) whether this TM work unit was changed in TM and needs to be synchronized to PjM, in the next run of the TM-PM Sync Service

Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C005200557	UNIQUE	1	WORK_ITEM_ID
SYS_C005200557	UNIQUE	2	WORK_ITEM_TYPE
SYS_C005200557	UNIQUE	3	RESOURCE_ID
SYS_C005201601	UNIQUE	1	TM_WORK_UNIT_ID

Sequences

Sequence Name	Sequence Type
TM_WORK_UNITS_S	TM_WORK_UNIT_ID

WP_CALENDAR_CONSTRAINTS

This table stores lists of the calendar constraints applied to tasks within a work plan. For example, a task needs to start no later than some date, and so on.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
CALENDARCONSTRAINT_ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column must not be updated manually
CONSTRAINT_DATE	NULLABLE	DATE	Specifies the relevant the date defining the constraint (along with the TYPE).
MANDATORY	NULLABLE	NUMBER	Not used.
TYPE	NULLABLE	VARCHAR2(4)	Specifies the type of the constraint (ASAP = as soon as possible, SNET = start no earlier than, MSO = must start on, and so on)
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
OWNER_TASK_ID	NULLABLE	NUMBER	ID of the task in WP_TASKS table

Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C005201602	UNIQUE	1	CALENDARCONSTRAINT_ID

Sequences

Sequence Name	Sequence Type
WP_CALENDAR_CONSTRAINTS_S	CALENDARCONSTRAINT_ID

WP_DEPENDENCIES

This table stores the predecessor-successor relationships between tasks.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
WP_TASKS	TASK_ID	PREDECESSOR_ID
WP_TASKS	TASK_ID	SUCCESSOR_ID

Column Descriptions

Column Name	Null?	Data Type	Description
DEPENDENCY_ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column must not be updated manually
SUCCESSOR_ID	NULLABLE	NUMBER	Foreign key to the WP_TASKS table identifying the successor part of the relationship.
PREDECESSOR_ID	NULLABLE	NUMBER	Foreign key to the WP_TASKS table identifying the predecessor part of the relationship.
TYPE	NULLABLE	VARCHAR2(2)	Defines the type of the relationship (SF = start to finish, FF = finish to finish, and so on)
LAG	NULLABLE	FLOAT	Defines the lag in days for this relationship.
LAG_FORMAT	NULLABLE	NUMBER	Not used.
EXTERNAL	NULLABLE	VARCHAR2(1)	Indicates whether the tasks (predecessor and successor) belong to the same work plan or not.

Column Name	Null?	Data Type	Description
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated

Indexes

Index Name	Index Type	Sequence	Column Name
FK36AD00CF147BDE95_I	NONUNIQUE	1	SUCCESSOR_ID
FK36AD00CFB588F1D2_I	NONUNIQUE	1	PREDECESSOR_ID
SYS_C005201603	UNIQUE	1	DEPENDENCY_ID

Sequences

This table uses no sequences.

WP_MESSAGE_ITEM

This table stores information about notification messages.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
PM_EXCEPTION_RULE_RESULTS	EXCEPTION_RULE_RESULT_ID	NOTIFICATION_ID
WP_NOTIFICATION_DETAILS	NOTIF_DETAILS_ID	NOTIF_DETAILS_ID
KNTA_USERS	USER_ID	RECIPIENT_ID

Column Descriptions

Column Name	Null?	Data Type	Description
ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column must not be updated manually
NOTIFICATION_ID	NULLABLE	NUMBER	Identifies the exception reported by this message. Foreign key to pm_exception_rule_results.
NOTIF_DETAILS_ID	NULLABLE	NUMBER	Identifies the notification details entity this message is based on
RECIPIENT_ID	NULLABLE	NUMBER	Identifies the message recipient
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record

Column Name	Null?	Data Type	Description
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated

Indexes

Index Name	Index Type	Sequence	Column Name
FKCBF923F11977C5EC_I	NONUNIQUE	1	RECIPIENT_ID
FKCBF923F151E1CC67_I	NONUNIQUE	1	NOTIFICATION_ID
FKCBF923F1EA20DC4A_I	NONUNIQUE	1	NOTIF_DETAILS_ID
SYS_C005201604	UNIQUE	1	ID

Sequences

This table uses no sequences.

WP_MILESTONES

This table stores the information about the tasks that are marked as milestone.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
MILESTONE_ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column must not be updated manually
AUTO_COMPLETE	NULLABLE	NUMBER	Indicates whether the milestone becomes completed automatically when all its predecessors are completed
MAJOR	NULLABLE	VARCHAR2(1)	Indicates whether this milestone is a major milestone or not
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated

Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C005201605	UNIQUE	1	MILESTONE_ID

Sequences

Sequence Name	Sequence Type
WP_MILESTONES_S	MILESTONE_ID

WP_MT_AFFECTING_TASK

Links the tasks and their exceptions.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
PM_EXCEPTION_ RULE_RESULTS	EXCEPTION_RULE_ RESULT_ID	EXCEPTION_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
WP_TASKS	TASK_ID	TASK_ID

Column Descriptions

Column Name	Null?	Data Type	Description
DEPENDANT_TASK_ ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column must not be updated manually
TASK_ID	NULLABLE	NUMBER	Identifies the task. Foreign key to WP_ TASKS.
EXCEPTION_ID	NULLABLE	NUMBER	Identifies the exception. Foreign key to pm_ exception_rule_results.
DETAILS	NULLABLE	VARCHAR2(600)	Detail of the exception
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated

Indexes

Index Name	Index Type	Sequence	Column Name
FK9EE737897E369B78_I	NONUNIQUE	1	EXCEPTION_ID
FK9EE73789DED8B1D6_I	NONUNIQUE	1	TASK_ID
SYS_C005201606	UNIQUE	1	DEPENDANT_ TASK_ID

Sequences

This table uses no sequences.

WP_NOTIFICATION_DETAILS

This table stores the details about a task notification.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
WP_TASKS	TASK_ID	NOTIF_TASK_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
NOTIF_DETAILS_ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column must not be updated manually
LAST_SENT_TIME	NULLABLE	DATE	For the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN). The reference to this table is used to resolve all the tokens from this context after update
NOTIF_TASK_ID	NULLABLE	NUMBER	Identifies the task containing the notification definition
PERIOD	NULLABLE	NUMBER	Indicates the frequency of the notification (1=immediate, 2=daily, 3=weekly)
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record

Column Name	Null?	Data Type	Description
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated

Indexes

Index Name	Index Type	Sequence	Column Name
FK6D000494FAC077C7_I	NONUNIQUE	1	NOTIF_TASK_ID
SYS_C005201607	UNIQUE	1	NOTIF_DETAILS_ID

Sequences

Sequence Name	Sequence Type
WP_NOTIFICATION_DETAILS_S	NOTIF_DETAILS_ID

WP_PENDING_EXCEPTIONS

This table stores the work plans whose exceptions or health need to be recalculated.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
PM_WORK_PLANS	WORK_PLAN_ID	WORK_PLAN_ID

Column Descriptions

Column Name	Null?	Data Type	Description
ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column must not be updated manually
WORK_PLAN_ID	NULLABLE	NUMBER	Identifies the work plan that need to be checked for exceptions
TYPE	NULLABLE	NUMBER	Indicates whether the work plan needs to have all its exception recomputed (= 1) or only its health (= 2).
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated

Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C005201608	UNIQUE	1	ID

Sequences

Sequence Name	Sequence Type
WP_PENDING_EXCEPTIONS_S	ID

WP_SCHEDULE_WARNINGS

This table stores information about the warnings a task can have regarding its schedule (starting late, dependency conflict, and so on).

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
WP_CALENDAR_ CONSTRAINTS	CALENDARCONSTRAIN T_ID	CALENDAR_ CONSTRAINT_ID
KNTA_USERS	USER_ID	CREATED_BY
WP_DEPENDENCIES	DEPENDENCY_ID	DEPENDENCY_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
WP_TASK_OWNERS	TASK_ID	TASK_ID

Column Descriptions

Column Name	Null?	Data Type	Description
SCHEDULE_ WARNING_ID	NOT NULL	NUMBER	System-generated identifier
TYPE	NOT NULL	VARCHAR2(255)	Describes the type of warning (PS = Partial Schedule, OP = Out Of Project Range, and so on)
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column must not be updated manually
TASK_ID	NULLABLE	NUMBER	Identifier for the task this schedule warning belongs to
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
CALENDAR_ CONSTRAINT_ID	NULLABLE	NUMBER	Identifies the violated constraint for a calendar constraint violation type of warning

Column Name	Null?	Data Type	Description
DEPENDENCY_ID	NULLABLE	NUMBER	Identifies the violated dependency for a dependency violation type of warning
EFFECTIVE_ DATE	NULLABLE	DATE	No used
SCHEDULECODE	NULLABLE	NUMBER	Indicates the type of scheduling that was used when the resource was found unavailable: 1=Include days in schedule when all resources are avail, 2=when at least one is, 3=ignore resource avail (only applicable to resource unavailable warnings).
DURATION	NULLABLE	FLOAT	Indicates the scheduled duration of the task this warning belongs to (only applicable to resource unavailable warnings)
STARTDATE	NULLABLE	DATE	Indicates the scheduled start date of the task this warning belongs to (only applicable to resource unavailable warnings)

Indexes

Index Name	Index Type	Sequence	Column Name
FKB22D311939B3C473_I	NONUNIQUE	1	CALENDAR_ CONSTRAINT_ID
FKB22D31197A2FF716_I	NONUNIQUE	1	DEPENDENCY_ID
FKB22D3119DED8B1D6_I	NONUNIQUE	1	TASK_ID
SYS_C005201609	UNIQUE	1	SCHEDULE_WARNING_ID

Sequences

Sequence Name	Sequence Type
WP_SCHEDULE_WARNINGS_S	SCHEDULE_WARNING_ID

WP_TASK_ACTUALS

This table stores information about the actuals logged against a particular task.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
ACTUALS_ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column must not be updated manually
ACT_DURATION	NULLABLE	FLOAT	Actual duration for this task
ACT_EFFORT	NULLABLE	FLOAT	Actual effort entered against this task
ACT_FINISH_ DATE	NULLABLE	DATE	Actual finish date for this task
ACT_START_ DATE	NULLABLE	DATE	Actual start date for this task
EST_FINISH_ DATE	NULLABLE	DATE	Estimated finish date for this task
EST_REM_ EFFORT	NULLABLE	FLOAT	Estimated remaining effort in hours for this task
TOT_SCHED_ DURATION	NULLABLE	FLOAT	Stores, for summary tasks, the sum of the duration of its children
PERC_ COMPLETE	NULLABLE	FLOAT	Percent complete for this task
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created

Column Name	Null?	Data Type	Description
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
OWNER_TASK_ID	NULLABLE	NUMBER	ID of the task in WP_TASKS table

Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C00109356204	UNIQUE	1	ACTUALS_ID

Sequences

Sequence Name	Sequence Type
WP_TASK_ACTUALS_S	ACTUALS_ID

WP_TASK_COSTS

This table stores cost information about a task.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
TASK_COST_ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column must not be updated manually
ACT_CAP_ LABOR_BSE	NULLABLE	NUMBER	Actual labor capitalized cost in base currency
ACT_CAP_ LABOR_LCL	NULLABLE	NUMBER	Actual labor capitalized cost in local currency
ACT_CAP_ LABOR_CUR_LCL	NULLABLE	VARCHAR2(255)	Local currency used for the actual labor capitalized cost
ACT_CAP_NON_ LABOR_BSE	NULLABLE	NUMBER	Actual non-labor capitalized cost in base currency
ACT_CAP_NON_ LABOR_LCL	NULLABLE	NUMBER	Actual non-labor capitalized cost in local currency
ACT_CAP_NON_ LABOR_CUR_LCL	NULLABLE	VARCHAR2(255)	Local currency used for the actual non-labor capitalized cost
ACT_OP_LABOR_ BSE	NULLABLE	NUMBER	Actual labor operational cost in base currency
ACT_OP_LABOR_ LCL	NULLABLE	NUMBER	Actual labor operational cost in local currency
ACT_OP_LABOR_ CUR_LCL	NULLABLE	VARCHAR2(255)	Local currency used for the actual labor operational cost

Column Name	Null?	Data Type	Description
ACT_OP_NON_LABOR_BSE	NULLABLE	NUMBER	Actual non-labor operational cost in base currency
ACT_OP_NON_LABOR_LCL	NULLABLE	NUMBER	Actual non-labor operational cost in local currency
ACT_OP_NON_LABOR_CUR_LCL	NULLABLE	VARCHAR2(255)	Local currency used for the actual non-labor operational cost
PLAN_CAP_LABOR_BSE	NULLABLE	NUMBER	Plan labor capitalized cost in base currency
PLAN_CAP_LABOR_LCL	NULLABLE	NUMBER	Plan labor capitalized cost in local currency
PLAN_CAP_LABOR_CUR_LCL	NULLABLE	VARCHAR2(255)	Local currency used for the plan labor capitalized cost
PLAN_CAP_NON_LABOR_BSE	NULLABLE	NUMBER	Plan non-labor capitalized cost in base currency
PLAN_CAP_NON_LABOR_LCL	NULLABLE	NUMBER	Plan non-labor capitalized cost in local currency
PLAN_CAP_NON_LABOR_CUR_LCL	NULLABLE	VARCHAR2(255)	Local currency used for the plan non-labor capitalized cost
PLAN_OP_LABOR_BSE	NULLABLE	NUMBER	Plan labor operational cost in base currency
PLAN_OP_LABOR_LCL	NULLABLE	NUMBER	Plan labor operational cost in local currency
PLAN_OP_LABOR_CUR_LCL	NULLABLE	VARCHAR2(255)	Local currency used for the plan labor operational cost
PLAN_OP_NON_LABOR_BSE	NULLABLE	NUMBER	Plan non-labor operational cost in base currency
PLAN_OP_NON_LABOR_LCL	NULLABLE	NUMBER	Plan non-labor operational cost in local currency
PLAN_OP_NON_LABOR_CUR_LCL	NULLABLE	VARCHAR2(255)	Local currency used for the plan non-labor operational cost
CPI	NULLABLE	FLOAT	Cost Performance Index

Column Name	Null?	Data Type	Description
EARNED_VALUE_BSE	NULLABLE	NUMBER	Earned value in base currency
EARNED_VALUE_LCL	NULLABLE	NUMBER	Earned value in local currency
EARNED_VALUE_CUR_LCL	NULLABLE	VARCHAR2(255)	Local currency used for the earned value
PLANNED_VALUE_BSE	NULLABLE	NUMBER	Planned value in base currency
PLANNED_VALUE_LCL	NULLABLE	NUMBER	Planned value in local currency
PLANNED_VALUE_CUR_LCL	NULLABLE	VARCHAR2(255)	Local currency used for the planned value
HEALTH	NULLABLE	VARCHAR2(255)	Cost health
SPI	NULLABLE	FLOAT	Schedule Performance Index
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
NON_LABOR_CATEGORY_CODE	NULLABLE	VARCHAR2(40)	Stores the non labor cost category
OWNER_TASK_ID	NULLABLE	NUMBER	ID of the task in WP_TASKS table

Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C005201612	UNIQUE	1	TASK_COST_ID

Sequences

Sequence Name	Sequence Type
WP_TASK_COSTS_S	TASK_COST_ID

WP_TASK_INFO

This table stores some general information about tasks.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
ITG_ACTIVITIES_NLS	ACTIVITY_ID	ACTIVITY_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
RSC_ROLES_NLS	ROLE_ID	ROLE_ID
WP_WORK_UNITS	WORK_UNIT_ID	UNASSIGNED_WORK_ UNIT_ID

Column Descriptions

Column Name	Null?	Data Type	Description
TASK_INFO_ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column must not be updated manually
ACTIVITY_ID	NULLABLE	NUMBER	Foreign key to ITG_ ACTIVITIES, indicates the task's activity
CRITICAL_PATH_ TASK	NULLABLE	NUMBER	Indicates whether a given task is on the work plan critical path
AUTO_EFFORT_ MODE	NULLABLE	VARCHAR2(1)	Indicates whether effort is entered automatically (computed based on the resource calendar and the task duration) or manually
MILESTONE_ MANUAL_CONV	NULLABLE	VARCHAR2(1)	Indicates whether the task was turned into a milestone by the user clicking on the milestone check box or not (meaning the user set the duration of the task to be 0)

Column Name	Null?	Data Type	Description
NAME	NULLABLE	VARCHAR2(300)	Indicates the name of the task
TASK_DESC	NULLABLE	VARCHAR2(300)	Indicates the description of the task
OVERRIDE_ ACTIVITY	NULLABLE	NUMBER	Indicates whether the user set the activity manually on this task or if the activity was rolled down from the task's parent
PRIORITY	NULLABLE	NUMBER	Indicates the priority for the task
TASK_TYPE_ CODE	NULLABLE	VARCHAR2(1)	Indicates whether the task is a leaf task (L), a summary task (S) or a milestone (M)
ROLE_ID	NULLABLE	NUMBER	Foreign key to rsc_roles table, stores the role associated with the task
ROLE_EXPLICIT	NULLABLE	VARCHAR2(1)	Indicates whether the role was explicitly set by the user or derived from the resource assigned
SCHEDULE_ CODE	NULLABLE	NUMBER	Not used
SCHEDULE_ HEALTH	NULLABLE	VARCHAR2(255)	Indicates the schedule health of the task
SLACK	NULLABLE	NUMBER	Indicates the task's slack
STATUS	NULLABLE	NUMBER	Indicates the status of the task
ELIGIBLE_TASK_ COUNT	NULLABLE	NUMBER	Indicates the number of tasks under a particular task that need to be considered when computing exceptions
EXCEPTION_ TASK_COUNT	NULLABLE	NUMBER	Indicates the number of tasks under a particular task that have exceptions
TOTAL_ EXCEPTION_ COUNT	NULLABLE	NUMBER	Indicates the total number of exceptions on this task or its children

Column Name	Null?	Data Type	Description
UNASSIGNED_ WORK_UNIT_ID	NULLABLE	NUMBER	Foreign key to the WP_ WORK_UNITS table, identifies the work unit which holds the information for the unassigned part of the task
REQUIRED	NULLABLE	VARCHAR2(1)	Indicates whether this task is required on the work plan and cannot be deleted
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
OWNER_TASK_ ID	NULLABLE	NUMBER	ID of the task in WP_TASKS table
SERVICE_ID	NULLABLE	VARCHAR2(40)	The service ID
SERVICE_NAME	NULLABLE	VARCHAR2(255)	The service name
OVERRIDE_ SERVICE	NULLABLE	VARCHAR2(1)	Indicates whether this service can be overridden by parent node, the default flag 'N' represents the overridden.

Indexes

Index Name	Index Type	Sequence	Column Name
FK69A6A14226AE1775_I	NONUNIQUE	1	ROLE_ID
FK69A6A142A2C1EF93_I	NONUNIQUE	1	ACTIVITY_ID
FK69A6A142AEA94CD1_I	NONUNIQUE	1	UNASSIGNED_ WORK_UNIT_ID
SYS_C005201613	UNIQUE	1	TASK_INFO_ID

Sequences

Sequence Name	Sequence Type
WP_TASK_INFO_S	TASK_INFO_ID

WP_TASK_OWNERS

This table stores the relationships between the task owners and the task they own.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	OWNER_RESOURCE_ID
WP_TASKS	TASK_ID	TASK_ID

Column Descriptions

Column Name	Null?	Data Type	Description
TASK_ID	NOT NULL	NUMBER	Identifies the task
OWNER_ RESOURCE_ID	NOT NULL	NUMBER	Identifies the user who owns the task
OWNER_SEQ	NOT NULL	NUMBER	Indicates the sequence number of the owner (relative to the other owners) on a specific task

Indexes

Index Name	Index Type	Sequence	Column Name
FKA542CBB440348217_I	NONUNIQUE	1	OWNER_ RESOURCE_ID
SYS_C005201614	UNIQUE	1	TASK_ID
SYS_C005201614	UNIQUE	2	OWNER_SEQ

Sequences

This table uses no sequences.

WP_TASK_SCHEDULE

This table stores schedule information for tasks.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
TASK_SCHEDULE_ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column must not be updated manually
SCHED_DURATION	NULLABLE	FLOAT	Scheduled duration of the task
SCHED_EFFORT	NULLABLE	FLOAT	Scheduled effort of the task
SCHED_FINISH_DATE	NULLABLE	DATE	Scheduled finish date of the task
SCHED_START_DATE	NULLABLE	DATE	Scheduled start date of the task
EARLY_FINISH	NULLABLE	DATE	Early finish of the task (used by the scheduling engine)
EARLY_START	NULLABLE	DATE	Early start of the task (used by the scheduling engine)
LATE_FINISH	NULLABLE	DATE	Late finish of the task (used by the scheduling engine)
LATE_START	NULLABLE	DATE	Late start of the task (used by the scheduling engine)
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created

Column Name	Null?	Data Type	Description
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
OWNER_TASK_ID	NULLABLE	NUMBER	ID of the task in WP_TASKS table

Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C005201615	UNIQUE	1	TASK_SCHEDULE_ID

Sequences

Sequence Name	Sequence Type
WP_TASK_SCHEDULE_S	TASK_SCHEDULE_ID

WP_TASKS

This is the base table for task entities.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
WP_TASKS	TASK_ID	BUSINESS_UID
WP_CALENDAR_ CONSTRAINTS	CALENDARCONSTRAI NT_ID	CALENDAR_ CONSTRAINT_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
WP_MILESTONES	MILESTONE_ID	MILESTONE_ID
WP_TASKS	TASK_ID	PARENT_TASK_ID
WP_TASK_ACTUALS	ACTUALS_ID	TASK_ACTUALS_ID
WP_TASK_COSTS	TASK_COST_ID	TASK_COST_ID
WP_TASK_INFO	TASK_INFO_ID	TASK_INFO_ID
PM_TASK_ NOTIFICATION_ SETUPS	TASK_NOTIFICATION_ SETUP_ID	TASK_NOTIFICATION_ ID
WP_TASK_SCHEDULE	TASK_SCHEDULE_ID	TASK_SCHEDULE_ID
WP_USER_DATA	USER_DATA_ID	TASK_USERDATA_ID
PM_WORK_PLANS	WORK_PLAN_ID	WORK_PLAN_ID

Column Descriptions

Column Name	Null?	Data Type	Description
TASK_ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column must not be updated manually
TASK_ACTUALS_ ID	NULLABLE	NUMBER	Foreign key to the WP_ TASK_ACTUALS table which stores information about that task actuals

Column Name	Null?	Data Type	Description
CALENDAR_ CONSTRAINT_ID	NULLABLE	NUMBER	Foreign key to the WP_ CALENDAR_ CONSTRAINTS identifying the constraint applied to this task
TASK_COST_ID	NULLABLE	NUMBER	Foreign key to the WP_ TASK_COSTS table which stores information about that task costs
MILESTONE_ID	NULLABLE	NUMBER	Foreign key to the WP_ MILESTONES table which stores information related to milestone tasks
TASK_ NOTIFICATION_ ID	NULLABLE	NUMBER	Foreign key to the pm_task_ notification_setups storing the notification configuration for this task
OUTLINE_LEVEL	NULLABLE	NUMBER	Indicate the level of indentation in the work plan tree
PARENT_TASK_ ID	NULLABLE	NUMBER	Identifies this task's parent task
PATH_ID_LIST	NULLABLE	VARCHAR2(600)	Provides a list of task IDs representing the path from the work plan root node to this task
TASK_ SCHEDULE_ID	NULLABLE	NUMBER	Foreign key to the WP_ TASK_SCHEDULE table which stores information related to this task's schedule
SEQUENCE_ NUMBER	NULLABLE	NUMBER	Indicates this task's sequence number within the work plan
TASK_INFO_ID	NULLABLE	NUMBER	Foreign key to the WP_ TASK_INFO table which stores general information about that task

Column Name	Null?	Data Type	Description
TASK_ USERDATA_ID	NULLABLE	NUMBER	Foreign key to the WP_ USER_DATA table which stores user customizable data
WORK_PLAN_ID	NULLABLE	NUMBER	Identifies the work plan this task belongs to
MSP_UID	NULLABLE	NUMBER	Stores the identifier for this task in Microsoft Project
BUSINESS_UID	NULLABLE	VARCHAR2(255)	Identifies the original task this task is a baseline of (if applicable)
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_ BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
CHILD_TASK_ SEQ	NULLABLE	NUMBER	Indicates the sequence of this task relative to its siblings (tasks having the same parent task).

Indexes

Index Name	Index Type	Sequence	Column Name
FK1712A6A8D0309419_I	NONUNIQUE	1	WORK_PLAN_ID
SYS_C005200613	UNIQUE	1	TASK_USERDATA_ID
SYS_C005200614	UNIQUE	1	TASK_SCHEDULE_ID
SYS_C005200615	UNIQUE	1	TASK_INFO_ID
SYS_C005200616	UNIQUE	1	TASK_ACTUALS_ID
SYS_C005200617	UNIQUE	1	TASK_NOTIFICATION_ ID
SYS_C005200618	UNIQUE	1	MILESTONE_ID
SYS_C005200619	UNIQUE	1	TASK_COST_ID
SYS_C005200620	UNIQUE	1	CALENDAR_ CONSTRAINT_ID

Index Name	Index Type	Sequence	Column Name
SYS_C005201610	UNIQUE	1	TASK_ID
WP_TASKS_N2	NONUNIQUE	1	PARENT_TASK_ID
WP_TASKS_N3	NONUNIQUE	1	BUSINESS_UID
WP_TASKS_N4	NONUNIQUE	1	MSP_UID

Sequences

Sequence Name	Sequence Type
WP_TASKS_S	TASK_ID

WP_UNAVAILABLE_RESOURCES

This table stores the resources that are unavailable for a given unavailable resource warning.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
WP_SCHEDULE_ WARNINGS	SCHEDULE_WARNING_ID	ID
KNTA_USERS	USER_ID	RESOURCE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
ID	NOT NULL	NUMBER	Foreign key for table WP_ SCHEDULE_WARNINGS. Identifies the warning.
RESOURCE_ID	NOT NULL	NUMBER	Identifies the resource that is not available
SEQ	NOT NULL	NUMBER	Indicates the sequence number of the resource in the list of unavailable resources for a given warning

Indexes

Index Name	Index Type	Sequence	Column Name
FK677A2410A1B1A5A3_I	NONUNIQUE	1	RESOURCE_ID
SYS_C005201616	UNIQUE	1	ID
SYS_C005201616	UNIQUE	2	SEQ

Sequences

This table uses no sequences.

WP_USER_DATA

This table stores user data for the tasks.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
USER_DATA_ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column must not be updated manually
DATUM1_VISIBLE	NULLABLE	VARCHAR2(255)	test
DATUM1_CODE	NULLABLE	VARCHAR2(255)	User data hidden value
DATUM10_VISIBLE	NULLABLE	VARCHAR2(255)	User data visible value
DATUM10_CODE	NULLABLE	VARCHAR2(255)	User data hidden value
DATUM11_VISIBLE	NULLABLE	VARCHAR2(255)	User data visible value
DATUM11_CODE	NULLABLE	VARCHAR2(255)	User data hidden value
DATUM12_VISIBLE	NULLABLE	VARCHAR2(255)	User data visible value
DATUM12_CODE	NULLABLE	VARCHAR2(255)	User data hidden value
DATUM13_VISIBLE	NULLABLE	VARCHAR2(255)	User data visible value
DATUM13_CODE	NULLABLE	VARCHAR2(255)	User data hidden value
DATUM14_VISIBLE	NULLABLE	VARCHAR2(255)	User data visible value
DATUM14_CODE	NULLABLE	VARCHAR2(255)	User data hidden value
DATUM15_VISIBLE	NULLABLE	VARCHAR2(255)	User data visible value
DATUM15_CODE	NULLABLE	VARCHAR2(255)	User data hidden value
DATUM16_VISIBLE	NULLABLE	VARCHAR2(255)	User data visible value
DATUM16_CODE	NULLABLE	VARCHAR2(255)	User data hidden value
DATUM17_VISIBLE	NULLABLE	VARCHAR2(255)	User data visible value

Column Name	Null?	Data Type	Description
DATUM17_CODE	NULLABLE	VARCHAR2(255)	User data hidden value
DATUM18_VISIBLE	NULLABLE	VARCHAR2(255)	User data visible value
DATUM18_CODE	NULLABLE	VARCHAR2(255)	User data hidden value
DATUM19_VISIBLE	NULLABLE	VARCHAR2(255)	User data visible value
DATUM19_CODE	NULLABLE	VARCHAR2(255)	User data hidden value
DATUM2_VISIBLE	NULLABLE	VARCHAR2(255)	User data visible value
DATUM2_CODE	NULLABLE	VARCHAR2(255)	User data hidden value
DATUM20_VISIBLE	NULLABLE	VARCHAR2(255)	User data visible value
DATUM20_CODE	NULLABLE	VARCHAR2(255)	User data hidden value
DATUM3_VISIBLE	NULLABLE	VARCHAR2(255)	User data visible value
DATUM3_CODE	NULLABLE	VARCHAR2(255)	User data hidden value
DATUM4_VISIBLE	NULLABLE	VARCHAR2(255)	User data visible value
DATUM4_CODE	NULLABLE	VARCHAR2(255)	User data hidden value
DATUM5_VISIBLE	NULLABLE	VARCHAR2(255)	User data visible value
DATUM5_CODE	NULLABLE	VARCHAR2(255)	User data hidden value
DATUM6_VISIBLE	NULLABLE	VARCHAR2(255)	User data visible value
DATUM6_CODE	NULLABLE	VARCHAR2(255)	User data hidden value
DATUM7_VISIBLE	NULLABLE	VARCHAR2(255)	User data visible value
DATUM7_CODE	NULLABLE	VARCHAR2(255)	User data hidden value
DATUM8_VISIBLE	NULLABLE	VARCHAR2(255)	User data visible value
DATUM8_CODE	NULLABLE	VARCHAR2(255)	User data hidden value
DATUM9_VISIBLE	NULLABLE	VARCHAR2(255)	User data visible value
DATUM9_CODE	NULLABLE	VARCHAR2(255)	User data hidden value
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_ DATE	NOT NULL	DATE	Date record was last updated
OWNER_TASK_ID	NULLABLE	NUMBER	ID of the task in WP_ TASKS table

Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C005201617	UNIQUE	1	USER_DATA_ID

Sequences

Sequence Name	Sequence Type
WP_USER_DATA_S	USER_DATA_ID

WP_WORK_UNITS

This table stores information about assignments of resources to tasks

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	RESOURCE_ID
WP_TASKS	TASK_ID	TASK_ID

Column Descriptions

Column Name	Null?	Data Type	Description
WORK_UNIT_ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column must not be updated manually
ACT_START_ DATE	NULLABLE	DATE	Actual start date of a resource on a task
RESOURCE_ID	NULLABLE	NUMBER	Identifies the resource assigned
SCHED_EFFORT	NULLABLE	FLOAT	Scheduled effort of a resource on a task
ACT_DURATION	NULLABLE	FLOAT	Actual duration of the assignment of a resource on a task
ACT_EFFORT	NULLABLE	FLOAT	Actual effort spent by a resource on a task
ACT_FINISH_ DATE	NULLABLE	DATE	Actual finish date of a resource on a task
EST_EFFORT	NULLABLE	FLOAT	Estimated remaining effort of a resource on a task
EST_FINISH_ DATE	NULLABLE	DATE	Estimated finish date of a resource on a task
PERC_ COMPLETE	NULLABLE	FLOAT	Percent complete of a resource on a task

Column Name	Null?	Data Type	Description
TASK_ID	NULLABLE	NUMBER	Identifies the task a resource is assigned to
TM_ORIGIN	NULLABLE	VARCHAR2(1)	Indicates whether actuals need to be entered by the resource on this task through timesheets or directly on the task
MSP_UID	NULLABLE	NUMBER	Identifies the assignment in Microsoft Project
CREATED_BY	NOT NULL	NUMBER	Identifier for the user who created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user who last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated

Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C005200663	UNIQUE	1	RESOURCE_ID
SYS_C005200663	UNIQUE	2	TASK_ID
SYS_C005201618	UNIQUE	1	WORK_UNIT_ID
WP_WORK_UNITS_TASK_ID_N2	NONUNIQUE	1	TASK_ID

Sequences

Sequence Name	Sequence Type
WP_WORK_UNITS_S	WORK_UNIT_ID

A Index

C

Cost data, **58**

E

entity relationship diagrams
- Demand Management, **42**
- Deployment Management, **60**
- diagram conventions, **23**
- Financial Management, **58**
- foundation, **24**
- Operational Reporting, **70**
- overview, **24**
- Portfolio Management, **56**
- Program Management, **55**
- Project Management, **45**
- Resource Management, **51**
- Time Management, **49**

ERD
- *See* entity relationship diagrams.

F

FM_APPROVED_BUDGETS, **50**, **58**, **59**, **90**

FM_BENEFIT_LINES, **58**, **59**, **93**

FM_BENEFIT_PERIOD_SUM, **50**, **58**, **59**, **95**

FM_BENEFITS, **58**, **59**, **97**

FM_COST_CONTOUR, **58**

FM_COST_CONTOUR_COMPONENTS, **58**, **99**

FM_COST_CONTOURS, **101**

FM_COST_FACTOR_VALS, **58**, **103**

FM_COST_FACTORS, **58**, **104**

FM_COST_RATE_RULE_UPDATES, **106**

FM_COST_RATES, **58**, **108**

FM_COST_RULES, **58**, **110**

FM_CRR_QUEUE_ENTRIES, **112**

FM_CUMULATIVE_COST_BY_WEEK, **113**

FM_EXCHANGE_RATES, **58**, **120**

FM_FINANCIAL_LINE_CELLS, **50**, **59**, **122**

FM_FINANCIAL_SUMMARY, **56**, **57**, **58**, **59**, **124**

FM_FORECAST_ACTUAL_LINES, **58**, **59**, **127**

FM_FORECAST_ACTUAL_PERIOD_SUM, **50**, **58**, **59**, **129**

FM_FORECAST_ACTUALS, **58**, **59**, **136**

FM_SUPPLY_BUDGETS, **59**, **138**

FM_USER_DATA, **59**, **139**

I

ITG_ACCESS_CONTROL_ENTRIES, **51**, **53**, **57**, **142**

ITG_ACTIVITIES, **48**, **49**, **144**

ITG_AUDIT_EVENTS, **146**

ITG_CALENDAR, **48**, **49**, **53**, **58**, **149**

ITG_COMPONENTS, **49**, **53**, **58**, **150**

ITG_GROUP_PARTICIPANT_TRUSTEE, **153**
ITG_GROUP_PARTICIPANT_USERS, **154**
ITG_NOTES, **48**, **155**
ITG_PENDING_ROLLUPS, **29**, **157**
ITG_SECURABLE_ENTITIES, **51**, **53**, **55**, **57**, **159**
ITG_SECURITY_ACES, **51**, **53**, **57**, **160**
ITG_SECURITY_GROUP_TRUSTEES, **161**
ITG_SETTINGS_ATTRIBUTES, **162**
ITG_SETTINGS_CONT_ATTRS, **164**
ITG_SETTINGS_CONTAINER_CHLDRN, **165**
ITG_SETTINGS_CONTAINERS, **166**
ITG_TRUSTEE, **168**

K

KACC_ACCELERATORS, **33**, **170**
KACC_PLUG_TAB_INSTANCES, **172**
KACC_PLUG_TABS, **174**
KCRT_CONTACTS, **34**, **176**
KCRT_CONTACTS_INT, **178**
KCRT_DEFAULTS_MATRIX, **180**
KCRT_FG (field groups)
See individual field groups.
KCRT_FG_CMDB_APPLICATION, **182**
KCRT_FG_CMDB_APPLICATION_INT, **183**
KCRT_FG_CMQC_APP_PROJ_STATUS_INT, **67**
KCRT_FG_CMQC_APP_PROJECT, **67**, **185**
KCRT_FG_CMQC_APP_PROJECT_INT, **67**, **186**
KCRT_FG_CMQC_PROJ_STATUS_INT, **189**
KCRT_FG_CMQC_PROJECT_STATUS, **67**, **192**
KCRT_FG_CMQC_QC_ADMIN, **67**, **193**
KCRT_FG_CMQC_QC_ADMIN_INT, **67**, **194**
KCRT_FG_CMQC_QC_INSTANCE, **67**, **197**
KCRT_FG_CMQC_QC_INSTANCE_INT, **67**, **198**
KCRT_FG_CMQC_TEST_PROJECT, **67**, **200**
KCRT_FG_CMQC_TEST_PROJECT_INT, **67**, **201**
KCRT_FG_CMQC_TEST_STATUS, **67**, **203**
KCRT_FG_CMQC_TEST_STATUS_INT, **67**, **204**
KCRT_FG_DEMAND_SCHEDULE, **43**, **206**
KCRT_FG_DEMAND_SCHEDULE_INT, **207**
KCRT_FG_IMPACT_ANALYSIS, **209**
KCRT_FG_IMPACT_ANALYSIS_INT, **210**
KCRT_FG_MASTER_PROJ_REF, **47**, **212**
KCRT_FG_MASTER_PROJ_REF_INT, **213**
KCRT_FG_PFM_ASSET, **53**, **56**, **215**
KCRT_FG_PFM_ASSET_INT, **218**
KCRT_FG_PFM_PROJECT, **50**, **56**, **221**
KCRT_FG_PFM_PROJECT_INT, **225**
KCRT_FG_PFM_PROPOSAL, **50**, **53**, **56**, **229**
KCRT_FG_PFM_PROPOSAL_INT, **233**
KCRT_FG_PROG_ISSUE, **237**
KCRT_FG_PROG_ISSUE_INT, **238**
KCRT_FG_PROG_REFERENCE, **240**
KCRT_FG_PROG_REFERENCE_INT, **241**
KCRT_FG_PROG_RESOURCE_REQ, **243**
KCRT_FG_PROG_RESOURCE_REQ_INT, **244**
KCRT_FG_PROG_RISK, **246**
KCRT_FG_PROG_RISK_INT, **247**

KCRT_FG_PROJ_ISSUE, **47**, **249**
KCRT_FG_PROJ_ISSUE_INT, **250**
KCRT_FG_PROJ_RISK, **47**, **251**
KCRT_FG_PROJ_RISK_INT, **252**
KCRT_FG_PROJ_SCOPE_CHANGE, **254**
KCRT_FG_PROJ_SCOPE_CHANGE_INT, **255**
KCRT_FG_QC_DEFECT_INFO, **257**
KCRT_FG_QC_DEFECT_INFO_INT, **259**
KCRT_FG_QC_INFO, **262**
KCRT_FG_QC_INFO_INT, **264**
KCRT_FG_SERVICE, **267**
KCRT_FG_SERVICE_INT, **268**
KCRT_FG_SLA, **43**, **271**
KCRT_FG_SLA_INT, **272**
KCRT_FG_UCMDB, **69**, **274**
KCRT_FG_UCMDB_INT, **69**, **275**
KCRT_FG_WORK_ITEMS, **54**, **278**
KCRT_FG_WORK_ITEMS_INT, **281**
KCRT_FIELD_DEPENDENCIES, **33**, **285**
KCRT_FLS_VISIBILITY, **287**
KCRT_HDR_TYPES_FIELD_GROUPS, **289**
KCRT_RBU_TEMP_STEP_IDS, **291**
KCRT_REQ_HEADER_DETAILS, **34**, **43**, **292**
KCRT_REQ_HEADER_DETAILS_ARCH, **34**, **294**
KCRT_REQ_HEADER_DETAILS_INT, **296**
KCRT_REQ_TYPE_ACTIVITY_LIST, **298**
KCRT_REQUEST_DETAILS, **34**, **35**, **43**, **299**
KCRT_REQUEST_DETAILS_ARCH, **34**, **301**
KCRT_REQUEST_DETAILS_INT, **42**, **303**
KCRT_REQUEST_HEADER_TYPES, **33**, **34**, **305**
KCRT_REQUEST_RSC_ACTUALS, **307**
KCRT_REQUEST_SEARCH_COLUMNS, **308**
KCRT_REQUEST_SUB_TYPES, **33**, **34**, **310**
KCRT_REQUEST_TYPE_SECURITY, **312**
KCRT_REQUEST_TYPE_STATUSES, **33**, **315**
KCRT_REQUEST_TYPES, **27**, **33**, **34**, **40**, **44**, **54**, **317**
KCRT_REQUEST_TYPES_NLS, **68**
KCRT_REQUESTS, **29**, **30**, **34**, **37**, **43**, **47**, **49**, **54**, **56**, **57**, **59**, **66**, **67**, **68**, **69**, **320**
KCRT_REQUESTS_INT, **42**, **69**, **324**
KCRT_RT_REQUEST_RESOURCES, **328**
KCRT_STATUSES, **33**, **34**, **66**, **330**
KCRT_TABLE_ENTRIES, **35**, **332**
KCRT_TABLE_ENTRIES_INT, **42**, **334**
KCRT_TEMP_BATCH_UPDATE, **337**
KCRT_TRANSACTIONS, **34**, **338**
KCST_BUDGETS, **56**
KCST_CURRENCIES, **58**, **340**
KCST_FX_UPDATE_SERVICE, **342**
KCST_PENDING_EV_UPDATES, **344**
KCST_PENDING_EV_UPDATES_ERR, **346**
KDEM_DEMAND_FIELDS, **44**, **348**
KDEM_DEMAND_SET_REQ_TYPES, **44**, **350**
KDEM_DEMAND_SETS, **43**, **44**, **352**
KDEM_DEMANDS, **43**, **354**
KDEM_FIELD_MAPPINGS, **44**, **359**
KDLV_DELETED_PACKAGES, **361**
KDLV_DELETED_PKG_LINES, **365**
KDLV_OBJECT_TYPES, **27**, **28**, **63**, **64**, **66**, **367**
KDLV_OM_DYNAMIC_SQL, **369**
KDLV_OM_TEMP, **370**

KDLV_PACKAGE_LINES, **37**, **62**, **63**, **64**, **65**, **66**, **371**
KDLV_PACKAGE_LINES_INT, **60**, **373**
KDLV_PACKAGE_NOTES_INT, **60**, **377**
KDLV_PACKAGES, **30**, **35**, **37**, **49**, **62**, **64**, **65**, **66**, **380**
KDLV_PACKAGES_INT, **60**, **383**
KDLV_PATCH_REPORT_TMP, **387**
KDLV_PENDING_JOBS, **389**
KDLV_PENDING_PACKAGES, **64**, **391**
KDLV_RESPONSES, **64**, **395**
KDLV_TRANSACTIONS_INT, **398**
KDLV_WORKFLOW_EXTN, **38**, **401**
KDRV_CALENDAR_EXCEPTIONS, **45**, **403**
KDRV_CALENDAR_SETUPS, **45**, **405**
KDRV_CALENDARS, **45**, **52**, **407**
KDRV_COST_METRICS_BY_PERIOD, **409**
KDRV_ROLLUP_METHODS, **411**
KDRV_ROLLUP_SETUPS, **413**
KDRV_STATES, **415**
KDRV_WORKING_DAYS, **45**, **417**
KDSH_DATA_SOURCE_COLUMNS, **39**, **419**
KDSH_DATA_SOURCE_FILTERS, **39**, **421**
KDSH_DATA_SOURCES, **39**, **423**
KENV_ENV_APPS, **27**, **61**, **63**, **425**
KENV_ENV_CONTENTS, **63**, **428**
KENV_ENV_CONTENTS_HIST, **63**, **431**
KENV_ENV_GROUP_ENVS, **61**, **434**
KENV_ENV_GROUP_PRIM_SOURCES, **61**, **436**
KENV_ENV_GROUPS, **38**, **61**, **438**
KENV_ENVIRONMENTS, **35**, **38**, **61**, **62**, **63**, **440**
KENV_GROUP_EXEC_RESULTS, **35**, **445**
KENV_HOST_CLASS_MEMBERS, **63**, **447**
KENV_HOST_CLASS_MEMBERS_UPG, **449**
KENV_HOST_CLASSES, **63**, **451**
KENV_MAINFRAME_PARAMS, **453**
KENV_OBJECT_ATTRIBUTES, **60**, **455**
KENV_OBJECTS, **60**, **457**
KINS_DEPLOYMENTS, **459**
KINS_PATCHES, **460**
KINS_PROJECT_WORKING_DAY_CONV, **461**
KINS_UPGRADE_LOGS, **462**
KNTA_ACCESS_GRANTS, **36**, **463**
KNTA_ACCESS_SECURITY, **36**, **465**
KNTA_ACCESS_SECURITY_HIST, **467**
KNTA_APP_SERVER_MODE, **469**
KNTA_APP_SERVER_PROPERTIES, **470**
KNTA_APPLET_KEYS, **472**
KNTA_ARCHIVES, **473**
KNTA_COMMAND_STEPS, **24**, **28**, **32**, **33**, **475**
KNTA_COMMANDS, **24**, **26**, **28**, **32**, **33**, **477**
KNTA_DEBUG_MESSAGES, **480**
KNTA_DEFAULT_HELP_CONTENTS, **482**
KNTA_DOCUMENT_HISTORY_CONTENTS, **484**
KNTA_DOCUMENT_TIP_CONTENTS, **486**
KNTA_DOCUMENT_VERSIONS, **488**
KNTA_DOCUMENTS, **30**, **490**
KNTA_ENTITIES, **24**, **26**, **27**, **28**, **29**, **30**, **40**, **54**, **493**
KNTA_ENTITY_GROUP_MEMBERS, **26**, **495**
KNTA_ENTITY_GROUPS, **26**, **497**
KNTA_ENTITY_RESTRICTIONS, **26**, **27**, **499**

KNTA_ENTITY_SECURITY, **501**
KNTA_ENTITY_TABLES, **26**, **503**
KNTA_ENTITY_TOKENS, **26**, **505**
KNTA_EXC_RULE_TYPES, **507**
KNTA_EXCEPTIONS, **509**
KNTA_EXTERNAL_SYNCH, **511**
KNTA_FIELD_CHANGE_NOTES, **34**, **513**
KNTA_FIELD_FILTERS, **515**
KNTA_FIELD_GROUPS, **517**
KNTA_FIELD_SECURITY, **28**, **519**
KNTA_HELP_CONTENTS, **40**, **521**
KNTA_I18N_RESOURCES, **523**
KNTA_INTERFACE_ERRORS, **42**, **60**, **525**
KNTA_INTERRUPTED_EXECUTIONS, **527**
KNTA_LANGUAGES, **529**
KNTA_LOCKED_USERS_TEMP, **531**
KNTA_LOGON_ATTEMPTS, **36**, **532**
KNTA_LOOKUPS, **28**, **534**
KNTA_MESSAGE_TYPES, **536**
KNTA_MESSAGES, **537**
KNTA_NOTE_ENTRIES, **34**, **64**, **66**, **539**
KNTA_NOTIF_INTERVALS, **541**
KNTA_NOTIF_TXN_COLUMNS, **543**
KNTA_NOTIF_TXN_DETAILS, **545**
KNTA_NOTIF_TXN_PARENTS, **547**
KNTA_NOTIF_TXN_RECIPIENTS, **549**
KNTA_NOTIF_TYPE_MESSAGES, **551**
KNTA_NOTIFICATION_COLUMNS, **554**
KNTA_NOTIFICATION_RECIPIENTS, **556**
KNTA_NOTIFICATION_TYPES, **558**
KNTA_NOTIFICATIONS_NLS, **561**
KNTA_NOTIFICATIONS_TEMP, **564**
KNTA_OPENAPI_TXN_AUDIT, **567**
KNTA_PAGE_PORTLET_TYPES, **41**, **569**
KNTA_PAGES, **41**, **571**
KNTA_PARAM_RULE_DEPENDENCIES, **33**, **573**
KNTA_PARAM_RULE_RESULTS, **33**, **576**
KNTA_PARAM_RULES, **33**, **578**
KNTA_PARAM_SET_FIELDS_NLS, **581**
KNTA_PARAM_SET_FLD_SETUPS, **28**, **585**
KNTA_PARAMETER_SET_CONTEXTS, **28**, **30**, **32**, **33**, **35**, **39**, **41**, **66**, **587**
KNTA_PARAMETER_SET_FIELDS, **28**, **31**, **32**, **33**, **35**, **39**, **40**, **41**, **44**, **66**
KNTA_PARAMETER_SETS, **28**, **590**
KNTA_PASSWORD_CHANGES, **592**
KNTA_PENDING_API_CHANGES, **594**
KNTA_PENDING_EXCEPTIONS, **597**
KNTA_PENDING_FLS_DENORM, **598**
KNTA_PENDING_REFERENCES, **600**
KNTA_PENDING_ROLLUPS, **29**, **602**
KNTA_PERIOD_TYPES, **604**
KNTA_PERSONALIZATION_VALUES, **41**, **605**
KNTA_PORTLET_COLUMNS, **41**, **607**
KNTA_PORTLET_QUERIES, **609**
KNTA_PORTLET_SQL_PARAMETERS, **611**
KNTA_PORTLET_TYPE_COLUMNS, **41**, **613**
KNTA_PORTLET_TYPE_FILTERS, **41**, **616**
KNTA_PORTLET_TYPE_SECURITY, **41**, **618**
KNTA_PORTLET_TYPE_WS_INFO, **620**
KNTA_PORTLET_TYPES, **40**, **41**, **622**
KNTA_PORTLET_TYPES_BACKUP, **627**
KNTA_PORTLETS, **41**, **632**
KNTA_PREPARED_COMMAND_STEPS, **24**, **635**

KNTA_PREPARED_COMMANDS, **24**, **637**
KNTA_PRODUCTS, **36**, **639**
KNTA_REF_RELATIONSHIPS, **30**
KNTA_REF_RELATIONSHIPS_NLS, **641**
KNTA_REFERENCES, **30**, **34**, **48**, **66**, **643**
KNTA_REFRESH_GROUPS, **62**, **645**
KNTA_REFRESH_LINE_DETAILS, **62**, **647**
KNTA_REFRESH_LINES, **62**, **649**
KNTA_REGIONS, **45**, **51**, **52**, **53**, **58**, **652**
KNTA_REPORT_NOTIF_OUTPUT, **32**, **654**
KNTA_REPORT_OUTPUT, **32**, **655**
KNTA_REPORT_SUBMISSIONS, **32**, **656**
KNTA_REPORT_TYPES, **27**, **32**, **659**
KNTA_RESOLVED_SEC_TOKENS, **661**
KNTA_RESULT_COLUMNS, **663**
KNTA_SAVED_SEARCH_FILTERS, **665**
KNTA_SAVED_SEARCH_TYPES, **667**
KNTA_SAVED_SEARCHES, **669**
KNTA_SCHEDULED_TASK_RECUR, **32**, **671**
KNTA_SCHEDULED_TASKS, **32**, **35**, **673**
KNTA_SCREENS, **28**, **675**
KNTA_SEARCH_CATEGORIES, **677**
KNTA_SECTION_LAYOUTS, **33**, **679**
KNTA_SECTIONS, **28**, **33**, **40**, **681**
KNTA_SECURITY_GROUPS, **27**, **33**, **34**, **36**, **38**, **49**, **52**, **64**, **682**
KNTA_SERVER_PARAM_DEF_NLS, **684**
KNTA_SERVER_PARAMETERS, **686**
KNTA_SERVER_RESTARTS, **687**
KNTA_SERVICES, **688**
KNTA_SHARED_LOCKS, **690**
KNTA_SPECIAL_CMD_PARAMS, **24**, **32**, **691**
KNTA_SPECIAL_COMMAND_TYPES, **24**, **32**, **693**
KNTA_STORED_QUERIES, **695**
KNTA_STORED_QUERY_DETAILS, **697**
KNTA_UCMDB_CI_ENTRIES, **699**
KNTA_UCMDB_CI_SETS, **701**
KNTA_UPGRADE_RECORDS, **703**
KNTA_USER_MENU_STATES, **704**
KNTA_USER_PAGE_TABS, **41**, **705**
KNTA_USER_PRODUCTS, **36**, **707**
KNTA_USER_PROFILES, **36**, **709**
KNTA_USER_REGIONAL_SETTINGS, **36**, **712**
KNTA_USER_SECTION_STATES, **715**
KNTA_USER_SECURITY, **36**, **717**
KNTA_USER_SECURITY_HIST, **719**
KNTA_USER_SECURITY_INT, **721**
KNTA_USER_SESSIONS, **726**
KNTA_USERS, **29**, **33**, **34**, **36**, **38**, **45**, **46**, **49**, **51**, **52**, **53**, **55**, **56**, **57**, **58**, **64**, **728**
KNTA_USERS_INT, **732**
KNTA_VALID_SQL_HEADERS, **740**
KNTA_VALIDATION_FILTERS, **742**
KNTA_VALIDATION_PROFILES, **28**
KNTA_VALIDATION_PROFILES_NLS, **744**
KNTA_VALIDATION_SQL_HEADERS, **28**
KNTA_VALIDATIONS, **26**, **28**, **747**
KNTA_VERSION_HISTORY, **750**
KNTA_WEBSESSION_KEYS, **751**
KPFM_CONFIGURATIONS, **56**, **752**
KPFM_LAST_VISITED_SCEN_COMP, **56**, **754**
KPFM_PORTFOLIO_LIFE_CYCLE, **756**
KPFM_SCEN_COMP_CAPACITIES, **56**, **758**

KPFM_SCEN_COMPARISON_ACCESS, **56**, **760**
KPFM_SCENARIO_COMPARISONS, **50**, **56**, **762**
KPFM_SCENARIO_CONTENTS, **56**, **764**
KPFM_SCENARIOS, **56**, **766**
KPFM_SCORE_CRITERIA, **768**
KPFM_SCORE_DOMAINS, **770**
KPFM_SCORE_SELECTIONS, **772**
KPMO_BUSINESS_OBJECTIVES, **55**, **774**
KPMO_PROGRAM_BUSINESS_OBJ, **776**
KPPO_OPT_MIX_ENTRIES, **778**
KPPO_OPT_PARAMETERS, **780**
KPPO_OPT_RESULT_PROJECTS, **783**
KPPO_OPT_RESULTS, **785**
KPPO_PER_PROJECT_SETTINGS, **788**
KREL_DIST_RUN_GROUP_LOCKS, **65**, **790**
KREL_DIST_RUN_GROUP_STATUS, **65**, **792**
KREL_DIST_RUN_GROUPS, **65**, **794**
KREL_DISTRIBUTIONS, **37**, **65**, **796**
KREL_RELEASES, **30**, **65**, **66**, **798**
KRML_CALENDAR_DAYS, **31**, **45**, **800**
KRML_CALENDAR_MONTHS, **31**, **802**
KRML_CONTEXT_UPDATES, **31**, **803**
KRML_CONTEXT_UPDATES_COPY, **31**, **805**
KRML_PARAMETER_SET_FLDS_COPY, **31**, **807**
KRML_PROCESS_MESSAGES, **31**, **809**
KRML_SYSTEM_CONTROLS, **31**, **811**
KRML_VIEW_COLUMNS, **31**, **812**
KRML_VIEW_CONTEXTS, **31**, **814**
KRML_VIEW_DEF_TEMPLATES, **31**, **816**
KRML_VIEWS, **31**, **818**
KRSC_ORG_UNIT_MEMBERS, **52**, **820**
KRSC_ORG_UNIT_MEMBERS_INT, **52**, **822**
KRSC_ORG_UNITS, **51**, **52**, **53**, **58**, **59**, **825**
KRSC_ORG_UNITS_INT, **52**, **828**
KRSC_PENDING_ASSIGNMENT_ERR, **832**
KRSC_PENDING_ASSIGNMENTS, **834**
KRSC_PENDING_WORK_ITEM_UPDATES, **836**
KRSC_RSC_POOL_PERIOD_SUM, **838**
KRSC_STAFF_PROF_PERIOD_SUM, **840**
KRSC_WORK_ITEM_ASSIGNMENTS, **54**, **842**
KTMG_CHARGE_CODES, **49**, **847**
KTMG_ORULE_CHARGE_CODES, **49**, **849**
KTMG_OVERRIDE_RULES, **49**, **58**, **851**
KTMG_PAGE_COLUMNS, **854**
KTMG_PERIOD_TYPES, **49**, **856**
KTMG_PERIODS, **49**, **858**
KTMG_POLICIES, **49**, **52**, **860**
KTMG_POLICY_CHARGE_CODES, **865**
KTMG_RES_GROUP_CC_RULES, **49**, **867**
KTMG_WI_ACTUALS_SUM, **869**
KTMG_WORK_ALLOC_CHARGE_CODES, **49**, **870**
KTMG_WORK_ALLOC_RES_ACCESS, **49**, **872**
KTMG_WORK_ALLOCATIONS, **49**, **874**
KVER_FILES, **876**
KVER_REVISIONS, **878**
KWFL_APPROVAL_RECIPIENTS, **35**, **880**
KWFL_APPROVALS, **38**, **882**
KWFL_CONDITIONS, **38**, **885**
KWFL_EXECUTIONS, **38**, **887**
KWFL_PENDING_EXEC_CALLBACKS, **891**

KWFL_PENDING_EXEC_OBJECTS, **35**, **895**
KWFL_RESOLVED_SEC_TOKENS, **898**
KWFL_STEP_TRANSACTION_HISTORY, **35**, **901**
KWFL_STEP_TRANSACTIONS, **35**, **37**, **62**, **64**, **65**, **66**, **904**
KWFL_STEP_TRANSITIONS, **38**, **913**
KWFL_STEP_TRANSITIONS_INT, **916**
KWFL_TRANSACTIONS_INT, **920**
KWFL_TRANSITION_TRANSACTIONS, **35**, **925**
KWFL_VERIFICATION_TEMP, **928**
KWFL_WORKFLOW_COMMANDS, **38**, **929**
KWFL_WORKFLOW_INSTANCE_PARMS, **37**, **931**
KWFL_WORKFLOW_INSTANCE_STEPS, **35**, **37**, **62**, **65**, **933**
KWFL_WORKFLOW_INSTANCES, **35**, **37**, **62**, **65**, **936**
KWFL_WORKFLOW_PARAMETERS, **37**, **38**, **941**
KWFL_WORKFLOW_STEP_SECURITY, **36**, **38**, **943**
KWFL_WORKFLOW_STEPS, **37**, **38**, **61**, **63**, **946**
KWFL_WORKFLOW_STEPS_TEMP, **953**
KWFL_WORKFLOWS, **27**, **33**, **34**, **37**, **38**, **61**, **62**, **64**, **955**

P

PFM_LIFECYCLE_PARENT_ENTITY, **56**, **57**, **59**, **959**
PFM_PORTFOLIO_CONTENTS, **57**, **961**
PFM_PORTFOLIO_MANAGERS, **57**, **962**
PFM_PORTFOLIOS, **57**, **963**
PGM_PROGRAM_CONTENT, **55**, **965**
PGM_PROGRAMS, **27**, **57**, **59**, **966**
PM_EXCEPTION_RULE_RESULTS, **45**, **46**, **969**
PM_INDICATOR_POLICIES, **47**, **972**
PM_MSP_LINK_REQUESTS, **47**, **973**
PM_PROGRAM_BUSINESS_OBJECTIVES, **55**, **974**
PM_PROGRAM_MANAGERS, **55**, **975**
PM_PROJECT_CONTAINERS, **55**
PM_PROJECT_ROLLUP, **976**
PM_PROJECT_TYPE_CUSTOM_FIELDS, **47**, **978**
PM_PROJECT_TYPES, **47**, **979**
PM_PROJECTS, **29**, **30**, **47**, **53**, **55**, **58**, **983**
PM_SYNCHED_FIELDS, **47**, **986**
PM_TASK_NOTIFICATION_SETUPS, **46**, **48**, **987**
PM_TASK_NS (notification setup)
See individual notification setup.
PM_TASK_NS_EXCEPTION_GROUPS, **990**
PM_TASK_NS_EXCEPTION_RSCS, **991**
PM_TASK_NS_EXCP_PARTICIPANTS, **992**
PM_TASK_NS_LATE_GROUPS, **993**
PM_TASK_NS_LATE_PARTICIPANTS, **994**
PM_TASK_NS_LATE_RSCS, **995**
PM_TASK_NS_MILESTONE_GROUPS, **996**
PM_TASK_NS_MILESTONE_RSCS, **997**
PM_TASK_NS_MS_PARTICIPANTS, **998**
PM_WORK_PLANS, **29**, **47**, **58**, **999**
PM_WORKPLAN_TEMPLATES, **47**, **1002**
PM_WP_TEMPLATE_OWNERS, **47**, **1004**
PPM_EMAIL_CONTEXT_INFO, **1005**
PPM_EMAIL_PROCESSED_MSGS, **1008**
PPM_EXCEPTIONS, **1011**
PPM_FISCAL_PERIODS, **29**, **50**, **1013**
PPM_INT_CONFIGURATIONS, **68**, **1015**

PPM_INT_EVENTS, **68**, **1017**
PPM_INT_QC_CONTROL, **68**, **1019**
PPM_INT_QC_ENTITY_MAP, **68**, **1020**
PPM_INT_SOLUTIONS, **1023**
PPM_INT_SOLUTIONS_NLS, **68**
PPM_MESSAGE_ITEM, **1025**
PPM_MY_LINKS, **1027**
PPM_NOTIFICATION_DETAILS, **1028**
PPM_NOTIFICATION_RULE_RESULTS, **1031**
PPM_RESOURCE_SECURITY, **1034**
PPM_RESOURCE_SETTINGS, **1036**
PPM_SERVER_INSTANCE, **1040**
PPM_SERVICE_JOB_STATUS, **1042**
PPM_SERVICE_RECORDS, **1044**
PPM_STACK_TRACE, **1046**

R

RM_DIM_TM_CHARGE_CODES_MV, **77**
RPT_CALENDAR_DAYS, **78**, **1047**
RPT_CM_FACT_CNTL, **78**, **1048**
RPT_DEPLOYMENT, **1049**
RPT_DIM_BUSINESS_OBJ_MV, **70**, **71**, **72**, **1050**
RPT_DIM_FM_FCST_ACTUAL_LINE_MV, **71**, **1051**
RPT_DIM_FM_FCST_ACTUAL_MV, **71**, **1053**
RPT_DIM_FM_FIN_SUMMARY_MV, **1055**
RPT_DIM_FM_FINANCIAL_SUMMARY_MV, **70**, **71**, **72**
RPT_DIM_FM_KNTA_LOOKUPS_MV, **71**, **1057**
RPT_DIM_ORG_UNITS_MV, **70**, **72**, **74**, **75**, **76**, **77**, **1058**
RPT_DIM_ORG_UNITS_RESOURCE, **77**
RPT_DIM_PM_DTL_CSTPARMS_IRS_MV, **1062**
RPT_DIM_PM_HDR_CSTPARMS_IRS_MV, **1064**
RPT_DIM_PM_PROJ_ISSUE_MV, **1066**
RPT_DIM_PM_PROJ_RISK, **73**
RPT_DIM_PM_PROJ_RISK_MV, **1068**
RPT_DIM_PM_PROJ_SCOPE_CHANGE, **73**
RPT_DIM_PM_PROJ_SCPCHG_MV, **1070**
RPT_DIM_PM_PROJ_SETTINGS_MV, **73**, **1072**
RPT_DIM_PM_PROJECT_MANAGERS_V, **73**
RPT_DIM_PM_PROJECTS_MV, **73**
RPT_DIM_PM_TASKS, **73**, **1073**
RPT_DIM_PM_WORKPLAN_MV, **1077**
RPT_DIM_PM_WORKPLANS, **73**
RPT_DIM_PPM_FISCAL_PERIODS, **70**, **71**, **72**, **74**, **75**, **76**, **77**, **1079**
RPT_DIM_PROGRAM_CONTENT_MV, **70**, **71**, **72**, **1081**
RPT_DIM_PROGRAMS_MV, **70**, **71**, **72**, **73**, **1082**
RPT_DIM_PROJECTS_MV, **75**, **76**, **1083**
RPT_DIM_REGIONS_MV, **70**, **71**, **72**, **73**, **74**, **75**, **76**, **77**, **1086**
RPT_DIM_REQ_DTL_CUSTOM_PARAMS, **73**, **1087**
RPT_DIM_REQ_HDR_CUSTOM_PARAMS, **73**, **1089**
RPT_DIM_REQUESTS, **73**, **75**, **76**, **77**, **1091**
RPT_DIM_REQUESTS_MV, **70**, **71**, **72**
RPT_DIM_RM_POSITIONS, **75**, **1095**
RPT_DIM_RM_RESOURCEPOOLMGRS, **74**, **75**, **76**, **77**, **1097**
RPT_DIM_RM_RESOURCEPOOLS, **74**, **75**, **76**, **77**, **1098**

RPT_DIM_RM_RESOURCES, 73, 74, 75, 76, 77, 1101
RPT_DIM_RM_ROLES, 73, 74, 75, 76, 77, 1106
RPT_DIM_RM_STAFF_PROFILES, 75, 76, 1107
RPT_DIM_TM_ACTIVITIES_MV, 77, 1109
RPT_DIM_TM_CHARGE_CODES_MV, 1110
RPT_DIM_TM_PERIODS_MV, 77, 1111
RPT_DIM_TM_TIME_SHEET_LINES, 1112
RPT_DIM_TM_TIME_SHEET_LINES_MV, 77
RPT_DIM_TM_TIME_SHEETS, 1116
RPT_DIM_TM_TIME_SHEETS_MV, 77
RPT_ETL_JOB, 1118
RPT_EVENT_DEF, 78, 1120
RPT_EVENT_LOG, 78, 1121
RPT_EVENT_LOG_DETAIL, 78, 1122
RPT_FCT_FM_APPROVED_BUDGETS, 70, 72, 1123
RPT_FCT_FM_FA_APPROVED_MV, 72, 1125
RPT_FCT_FM_FCST_ACTUAL_CELL, 71, 72, 1127
RPT_FCT_PM_AGGR_PROJ_EFFORT, 73, 1129
RPT_FCT_PM_AGGR_TASK_EFFORT, 73, 1130
RPT_FCT_PM_TASK_ASSIGNMENTS, 73, 1132
RPT_FCT_PM_TASK_COST, 73, 1135
RPT_FCT_PM_TASK_UNASSGN_EFFORT, 73, 1139
RPT_FCT_RM_RES_DISTRIBUTION, 77, 1141
RPT_FCT_RM_RESOURCE_CAPACITY, 74, 1142
RPT_FCT_RM_RESOURCE_DEMAND, 75, 1145
RPT_FCT_RM_RESOURCE_DEMAND_STG, 1148
RPT_FCT_RM_RESOURCE_EFFORT, 76, 1151
RPT_FCT_RM_RESRCE_CAPACITY_STG, 74, 1154
RPT_FCT_RM_RESRCE_DEMAND_STG, 75
RPT_FCT_RM_RSC_CAPACITY_AGGR, 74, 1157
RPT_FCT_RM_RSC_DEMAND_AGGR, 75, 1160
RPT_FCT_TM_ACTUAL_EFFORT, 77, 1163
RPT_FCT_TM_COMPLIANCE, 77, 1165
RPT_FCT_TM_COST, 77, 1170
RPT_KNTA_USERS_DELETES, 1171
RPT_PARAMS, 78, 1172
RPT_PM_PROJECT_ENTRIES, 1173
RPT_PM_PROJECT_MANAGERS, 1174
RPT_PM_TASK_ENTRIES, 1175
RPT_PPM_AGGR_WRK_DAYS_MV, 78, 1176
RPT_RECREATE_INDEX, 1177
RPT_RERUN_STATUS, 1178
RPT_RM_FACT_CNTL, 1179
RPT_RM_RSC_RP_ENTRIES, 1180
RPT_RSC_RPDE_DELETES, 1181
RPT_UPGRADE_PARAMS, 1182
RSC_POSITION_FORECAST, 53, 1183
RSC_POSITIONS, 53, 1185
RSC_RESOURCE_ASSIGNMENTS, 53, 1188
RSC_RESOURCE_DELEGATIONS, 49, 1190
RSC_RESOURCE_POOL_MANAGERS, 51, 1192

RSC_RESOURCE_POOLS, **29**, **51**, **53**, **56**, **1193**
RSC_RESOURCE_ROLES, **52**, **1196**
RSC_RESOURCES, **48**, **49**, **51**, **52**, **53**, **1197**
RSC_ROLES, **48**, **52**, **53**, **1201**
RSC_RP_DISTRIBUTION_ENTRIES, **51**, **1203**
RSC_RP_NOTIFICATION_SETUPS, **51**, **1205**
RSC_SKILL_PROFICIENCY, **52**, **53**, **1207**
RSC_SKILLS, **52**, **1209**
RSC_SP_NOTIFICATION_SETUPS, **53**, **1211**
RSC_STAFF_PROF_ALLOCATION, **53**, **1217**
RSC_STAFF_PROF_MANAGERS, **1219**
RSC_STAFFING_PROFILES, **29**, **53**, **56**, **1213**, **1220**

S

SDI_LOG_DETAILS, **1223**
SDI_SUMMARY_LOGS, **1225**
SM_RFC, **1227**

T

TASKSRPT_DIM_PM_PROJ_ISSUE, **73**
TM_ACTUALS, **49**, **1229**
TM_ACTUALS_EFFORT, **49**, **1232**
TM_LINE_CHARGE_CODES, **49**, **1233**
TM_PENDING_APPROVERS_EVALS, **1235**
TM_RESOURCE_QUICKLIST_ITEMS, **49**, **1237**
TM_TIME_SHEET_LINES, **29**, **49**, **1239**
TM_TIME_SHEETS, **49**, **1243**
TM_USERS_BILLING_APPROVERS, **49**, **1248**
TM_USERS_TIME_APPROVERS, **49**, **1249**
TM_WORK_UNITS, **49**, **1250**

W

WP_CALENDAR_CONSTRAINTS, **48**, **1252**
WP_DEPENDENCIES, **48**, **1254**

WP_MESSAGE_ITEM, **46**, **1256**
WP_MILESTONES, **48**, **1258**
WP_MT_AFFECTING_TASK, **1259**
WP_NOTIFICATION_DETAILS, **46**, **1261**
WP_PENDING_EXCEPTIONS, **1263**
WP_SCHEDULE_WARNINGS, **48**, **1265**
WP_TASK_ACTUALS, **48**, **1267**
WP_TASK_COSTS, **1269**
WP_TASK_INFO, **48**, **1272**
WP_TASK_OWNERS, **48**, **1275**
WP_TASK_SCHEDULE, **48**, **1276**
WP_TASKS, **30**, **45**, **46**, **47**, **48**, **49**, **1278**
WP_UNAVAILABLE_RESOURCES, **1282**
WP_USER_DATA, **48**, **1283**
WP_WORK_UNITS, **48**, **1286**