

HP Project and Portfolio Management Center

Software Version: 7.1

Technical Reference Manual

Document Release Date: August 2007

Software Release Date: March 2007



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1 Getting Started with the PPM Center Data Model

In This Chapter:

- *About this Document*
 - *Restrictions*
-

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 7.1. This document includes illustrations of the relationships between the tables that underlie the functional entities (such as packages) as well as technical details about these tables.

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 7.1.

2 Entity Relationship Diagrams

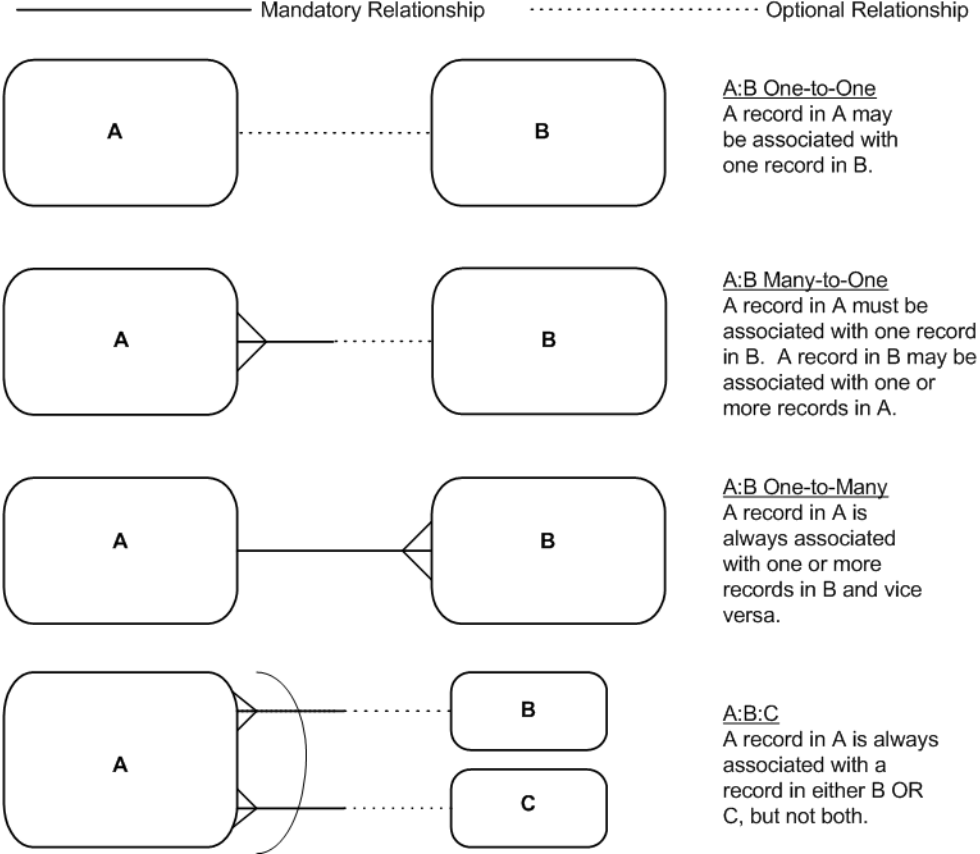
In This Chapter:

- *Conventions Used in the Entity Relationships Diagrams*
 - *Entity Relationship Diagrams*
 - *Foundation Diagrams*
 - *PPM Dashboard Diagrams*
 - *HP Demand Management Diagrams*
 - *HP Project Management Diagrams*
 - *HP Time Management Diagrams*
 - *HP Resource Management Diagrams*
 - *HP Program Management Diagrams*
 - *HP Portfolio Management Diagrams*
 - *HP Financial Management Diagrams*
 - *HP Deployment Management 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 found 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

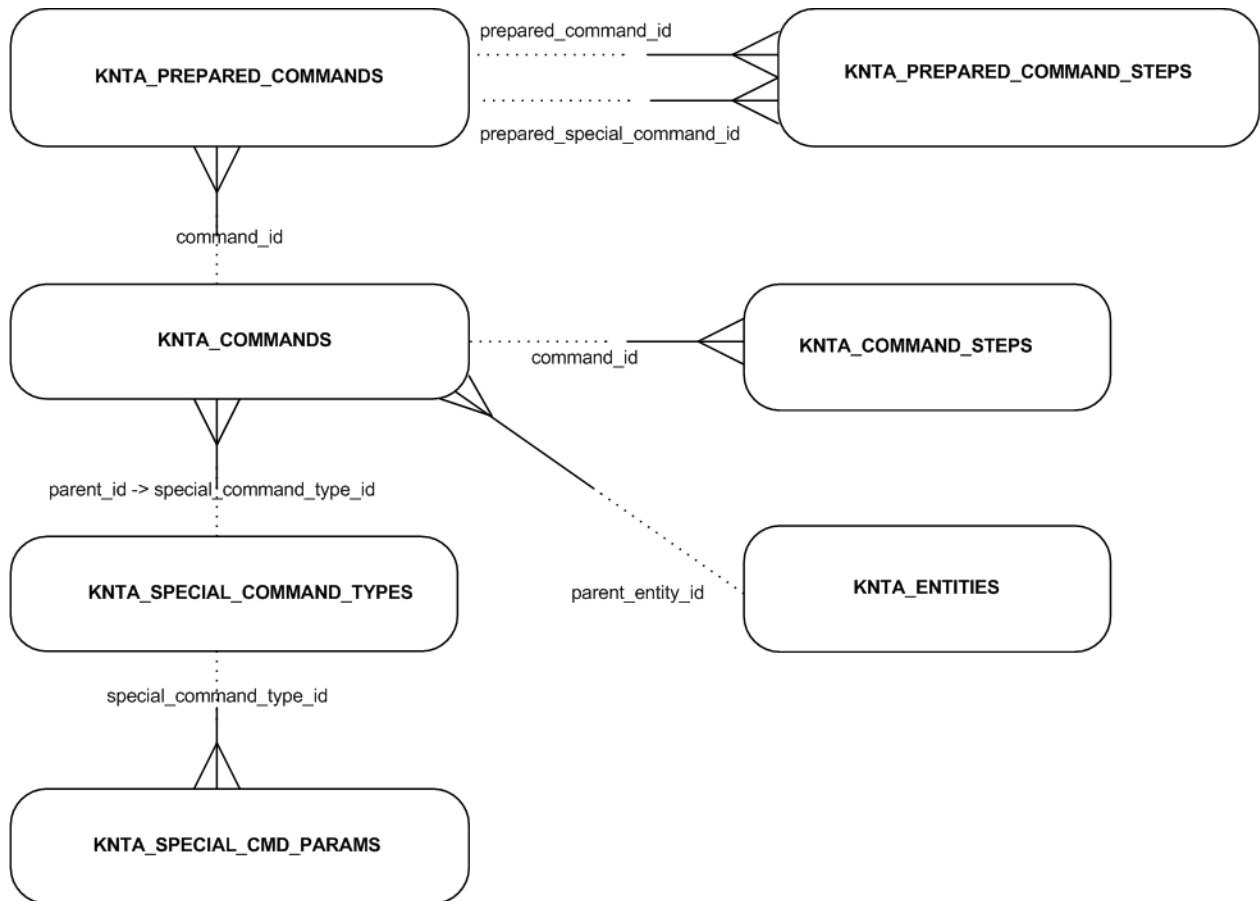


Figure 2-3. Entities

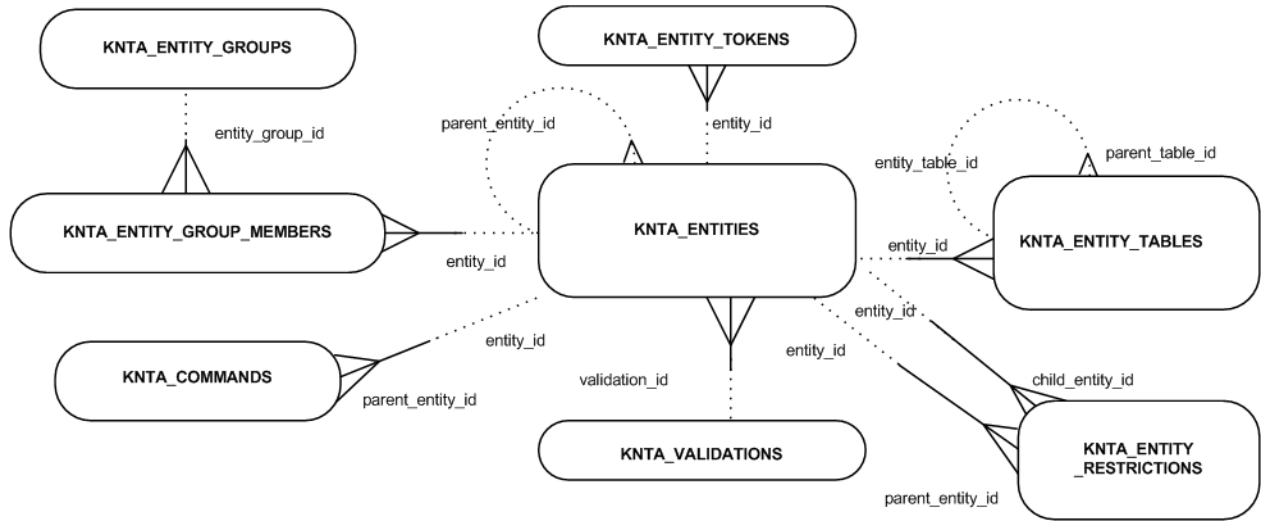


Figure 2-4. Entity restrictions

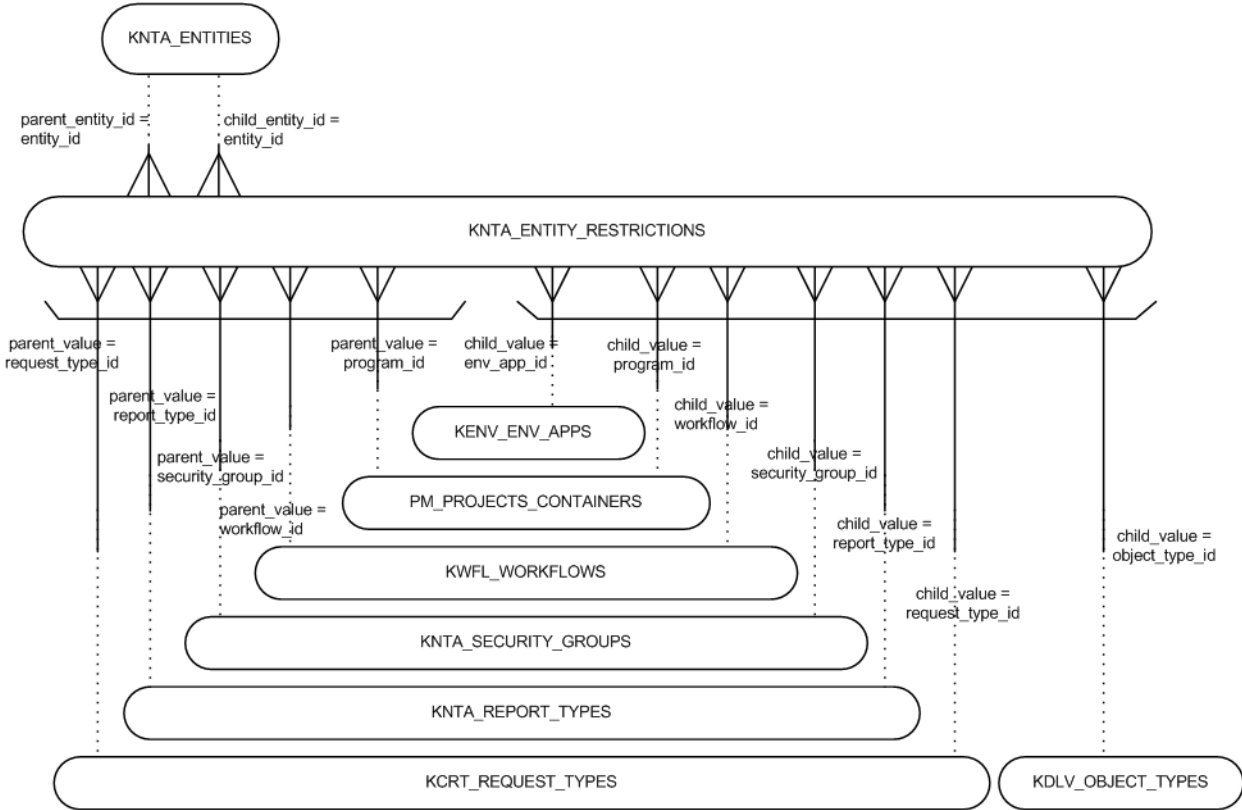


Figure 2-5. Fields

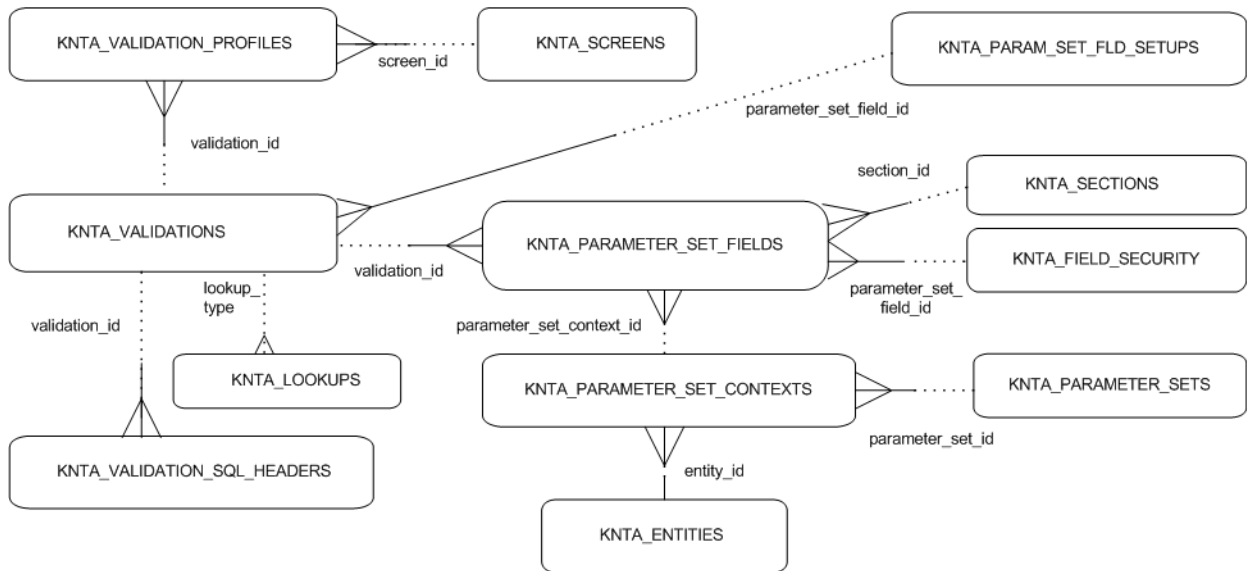


Figure 2-6. Object types

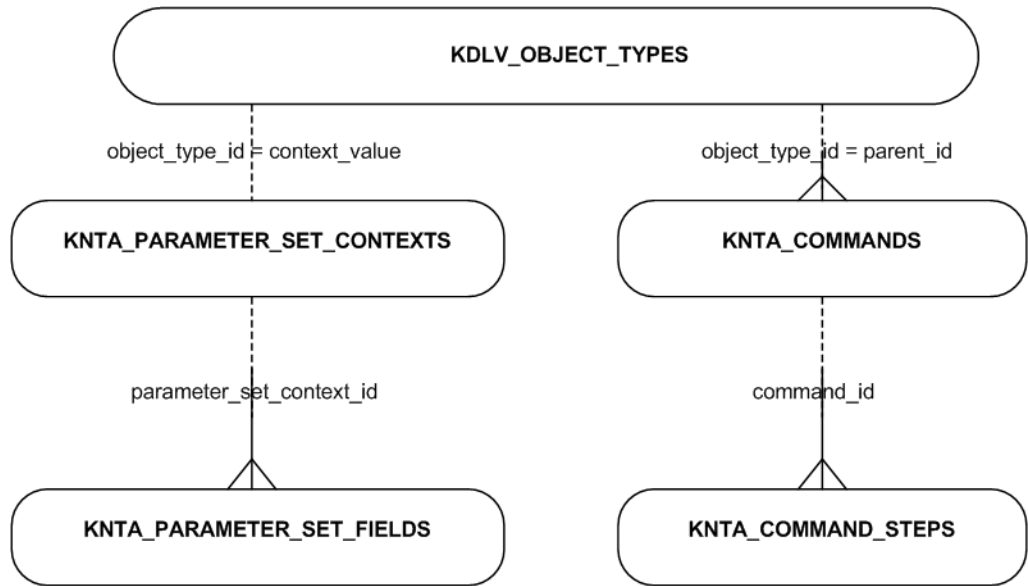


Figure 2-7. Pending rollups

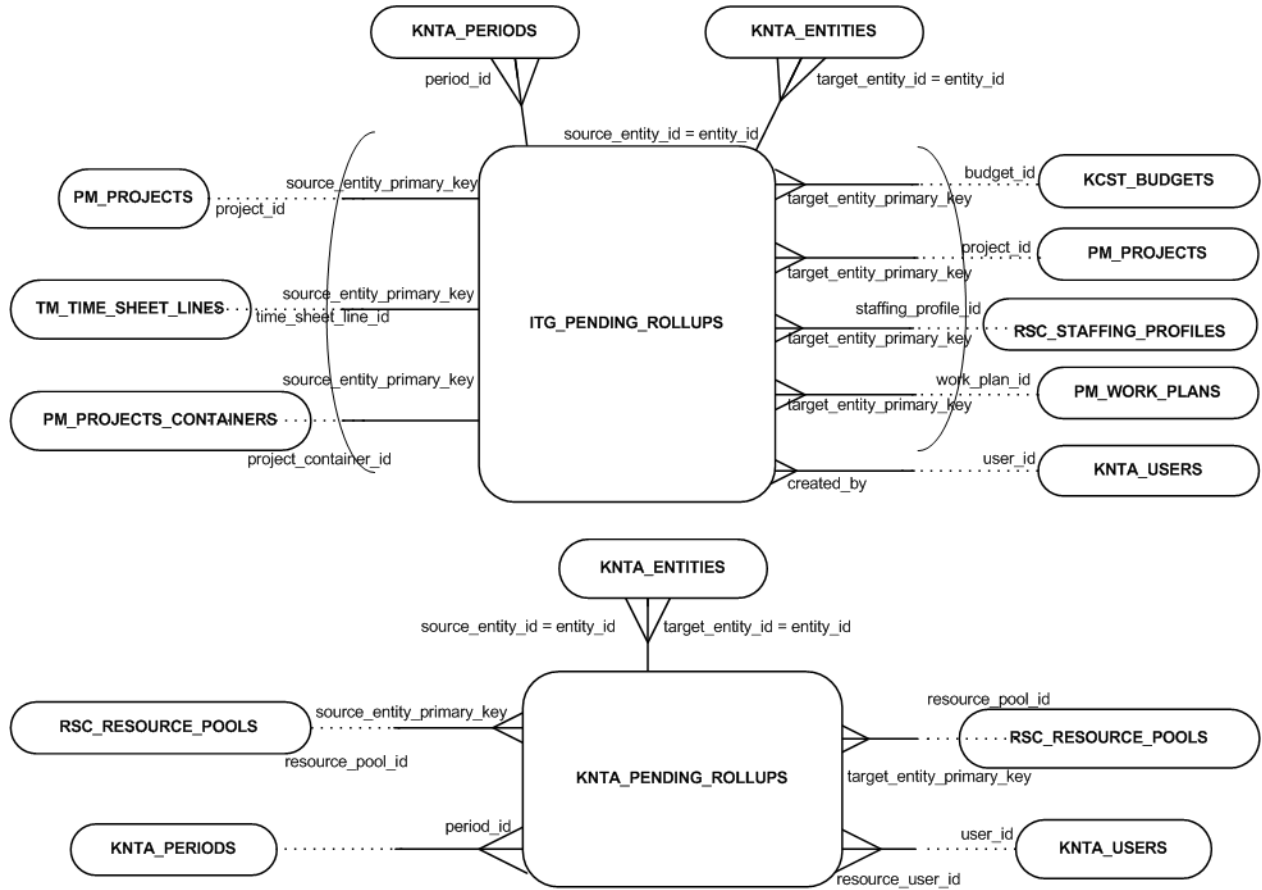


Figure 2-8. References

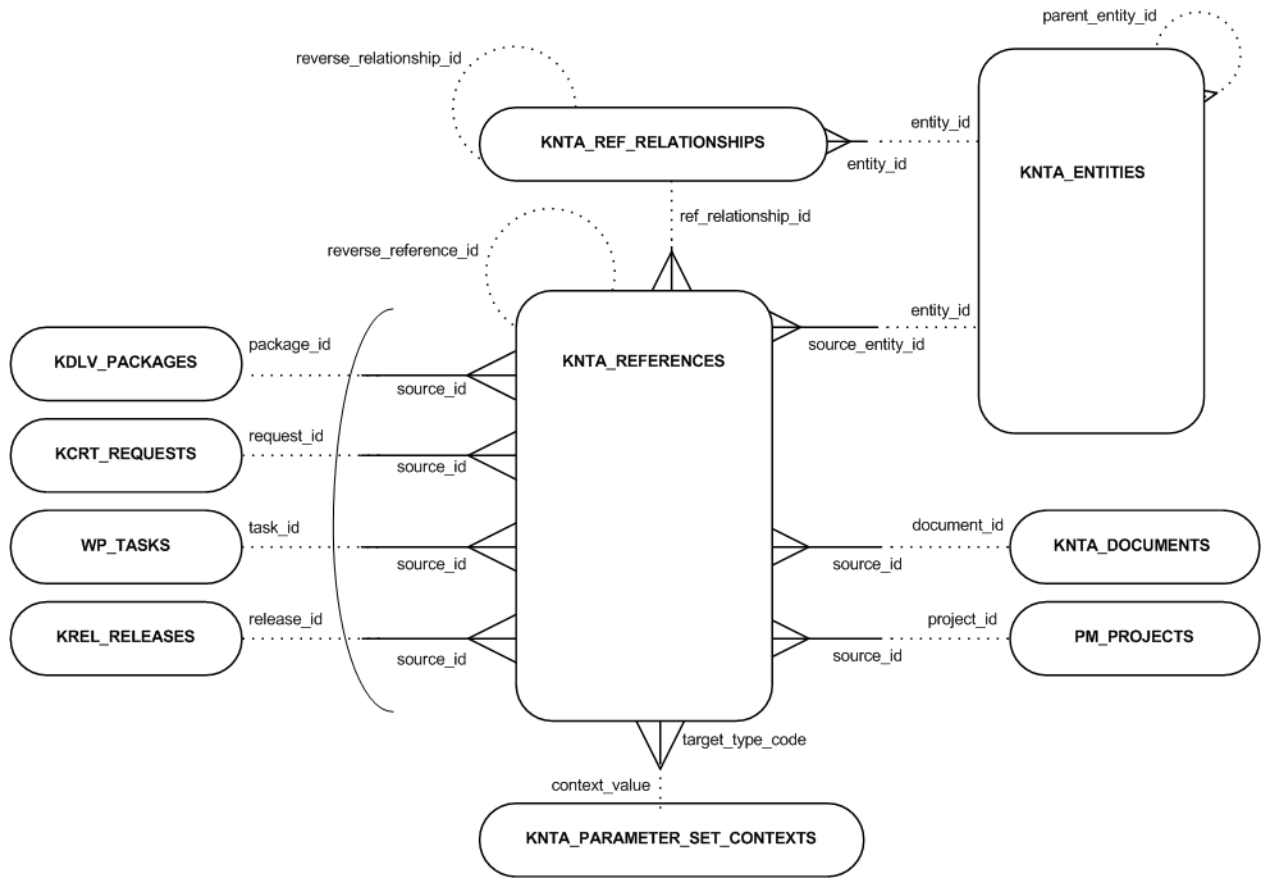


Figure 2-9. Reporting meta layer

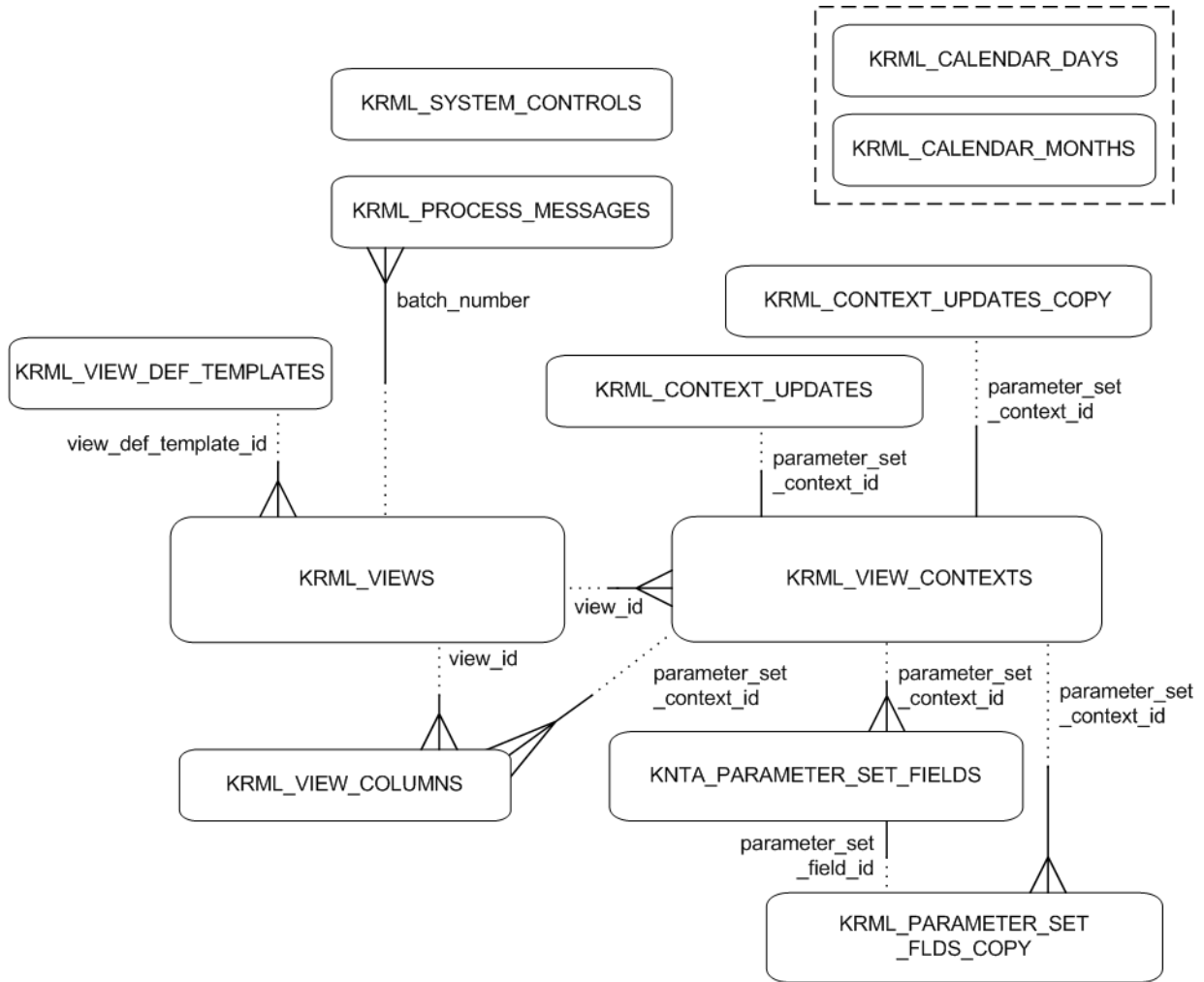


Figure 2-10. Reports

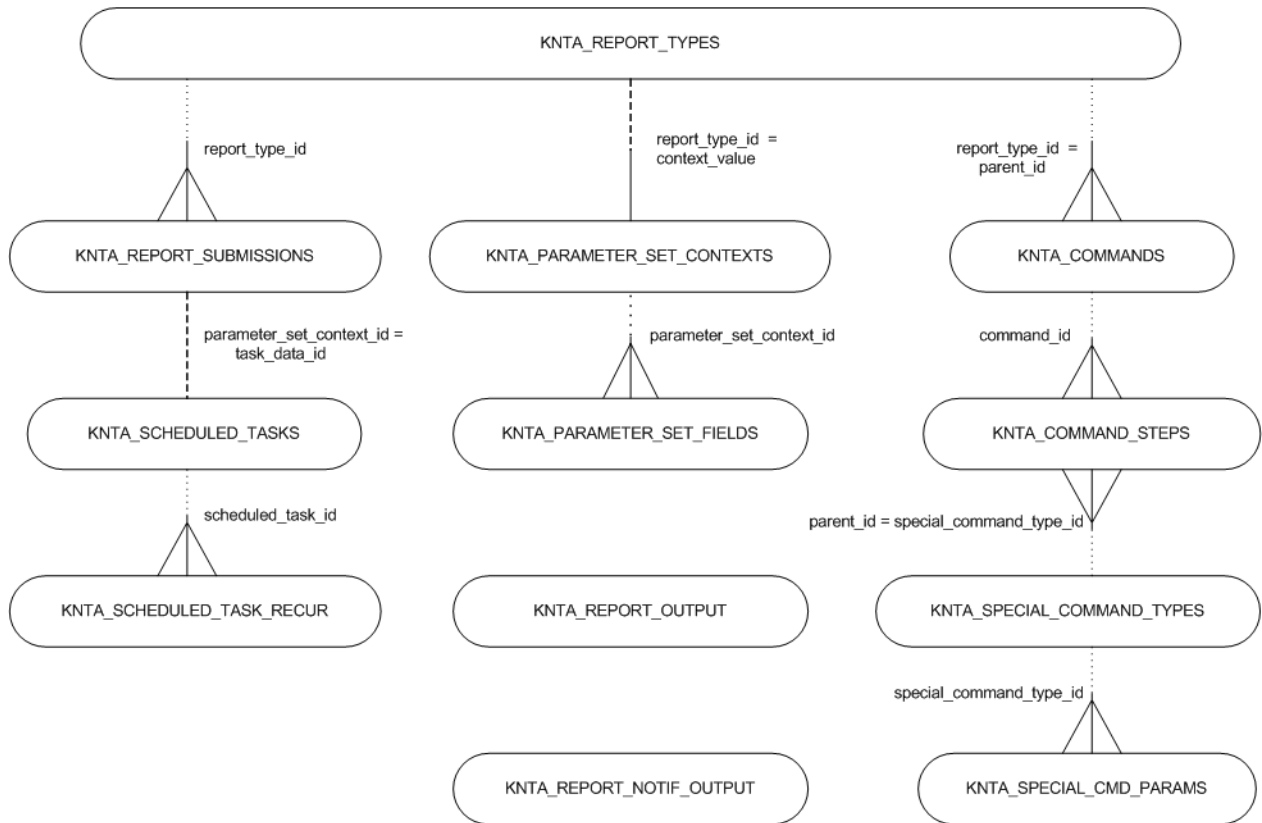


Figure 2-11. Request types

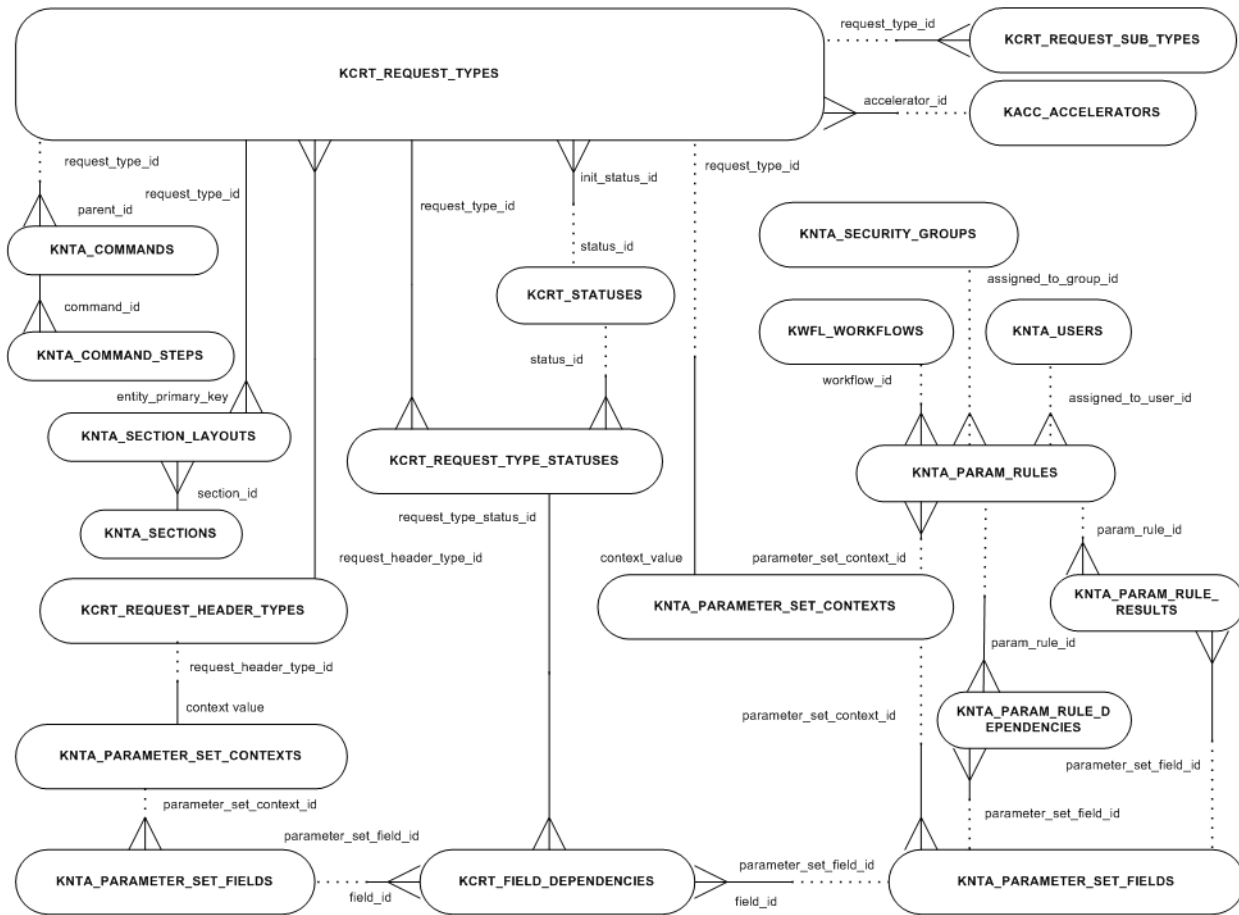


Figure 2-12. Requests

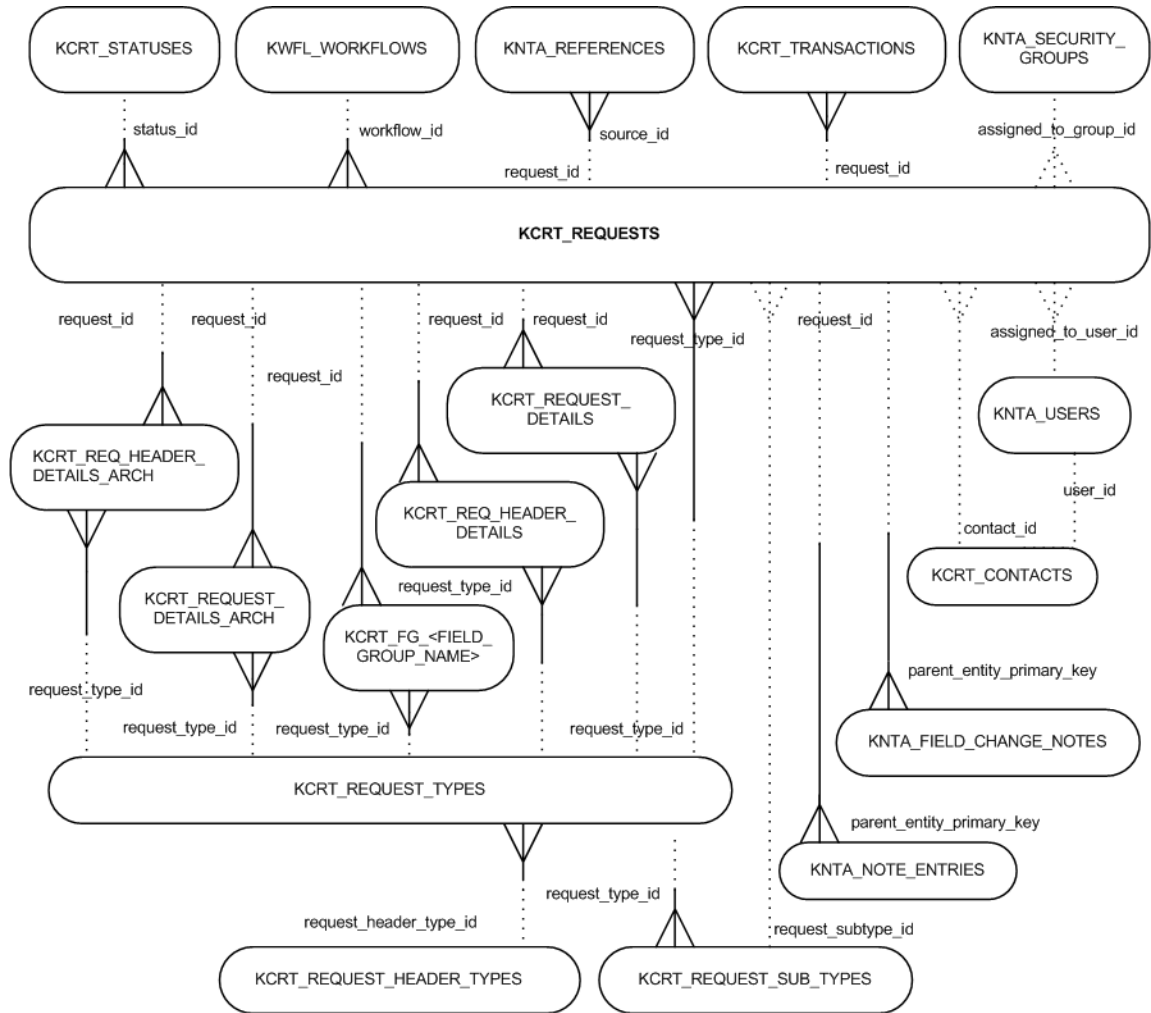


Figure 2-13. Step transactions

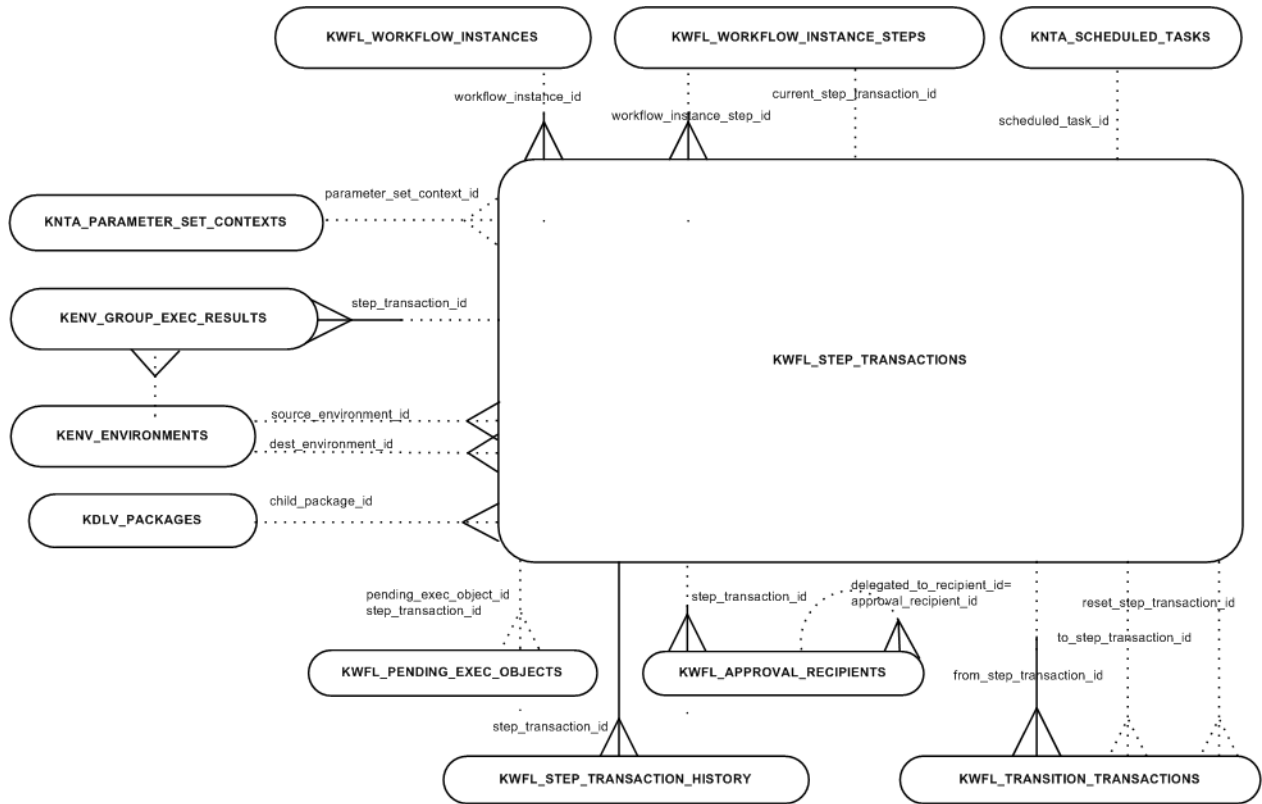


Figure 2-14. Table entries

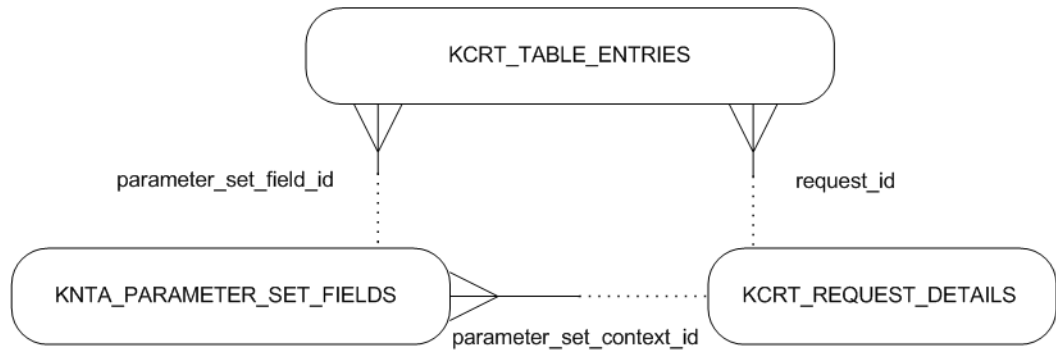


Figure 2-15. Users and security groups

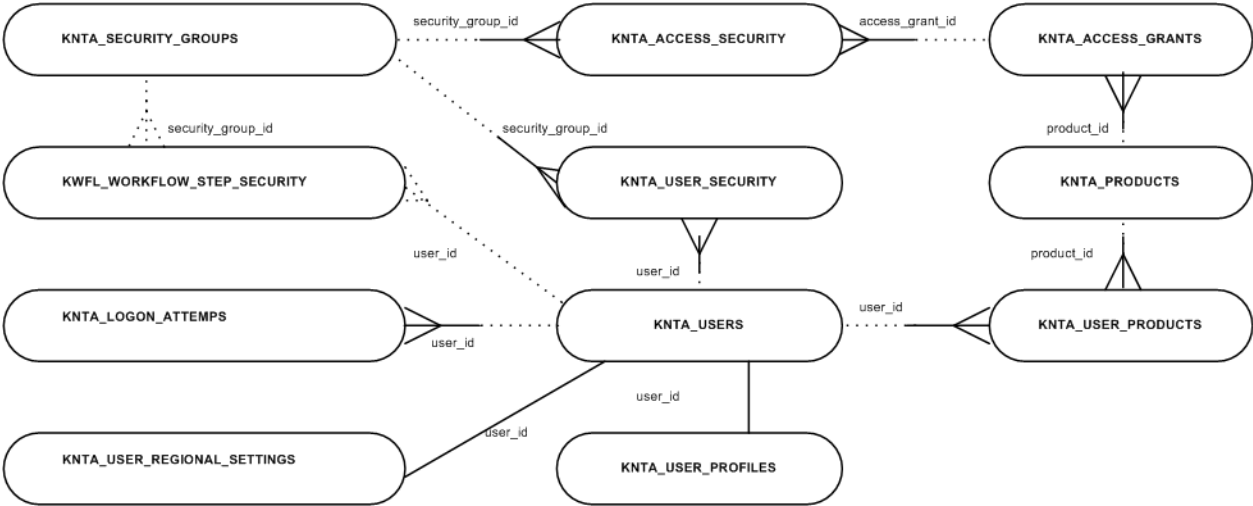


Figure 2-16. Workflow instances

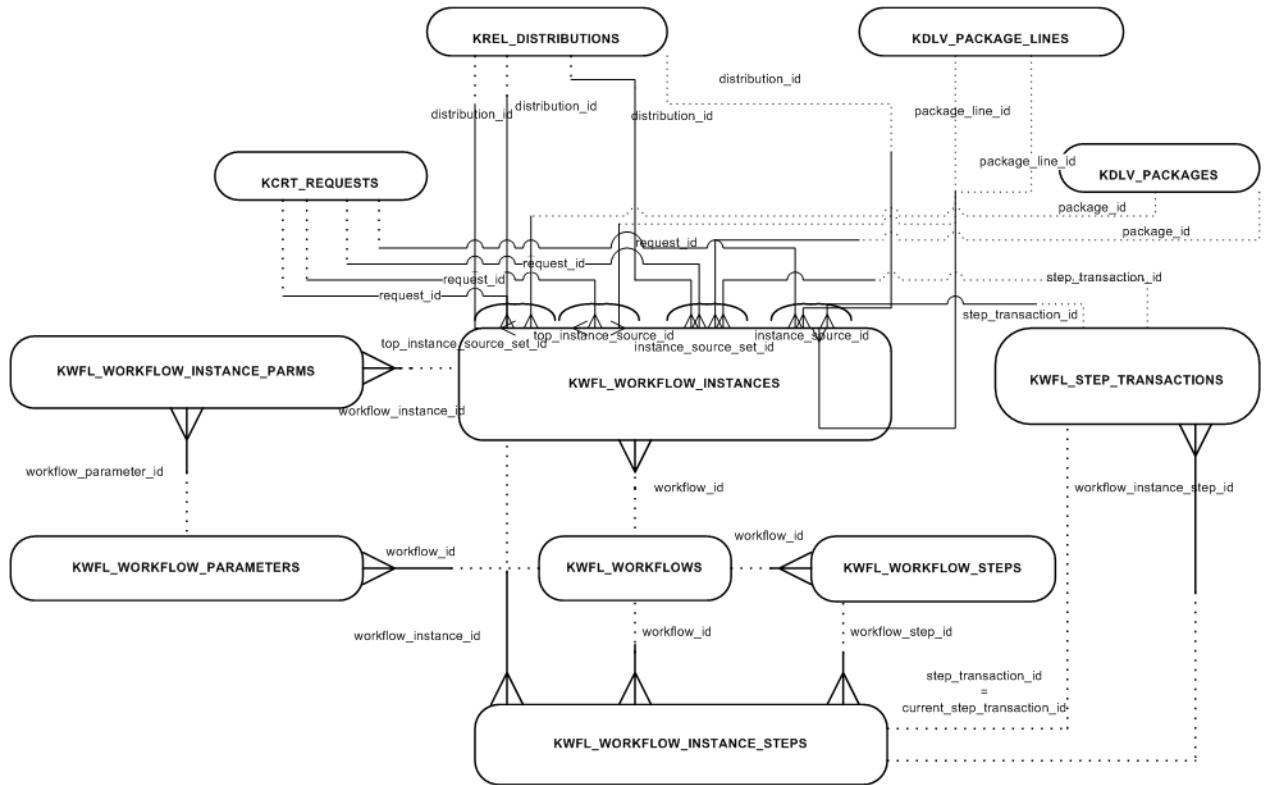
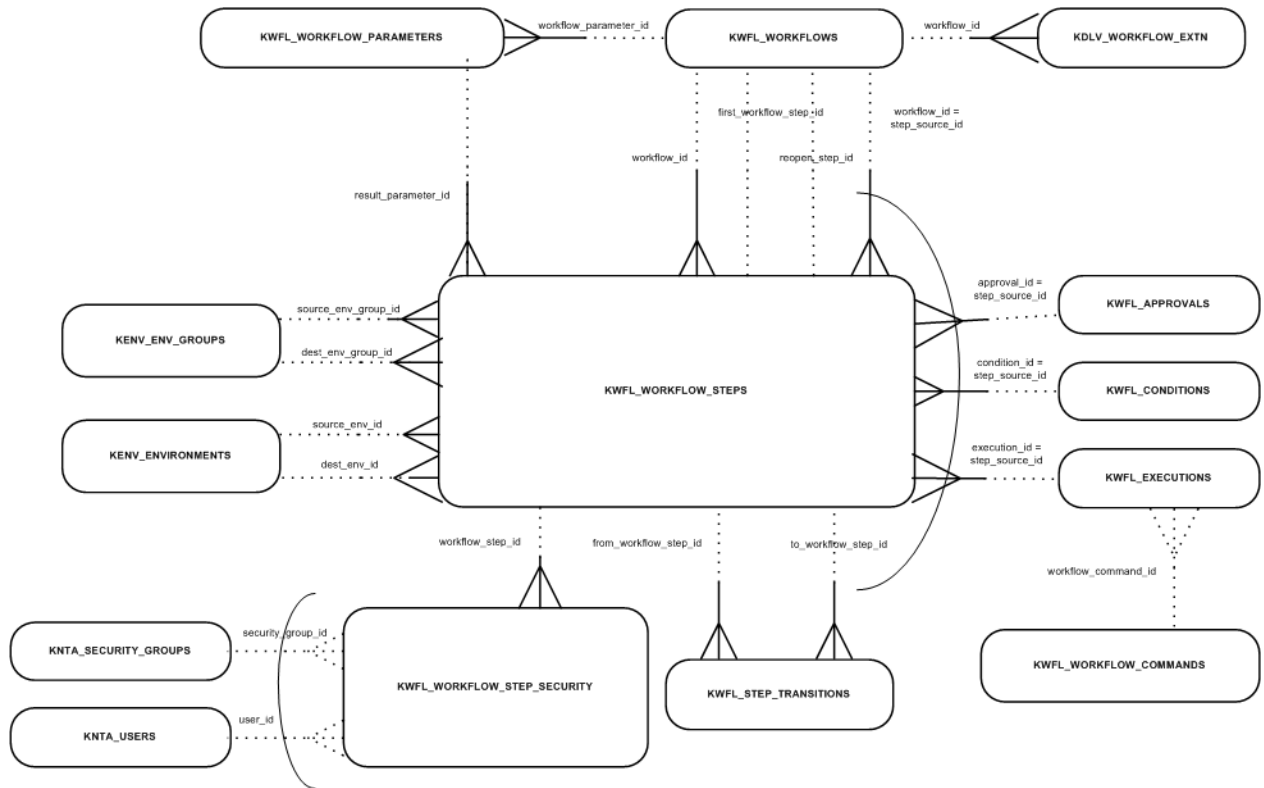


Figure 2-17. Workflows



PPM Dashboard Diagrams

Figure 2-18. Dashboard

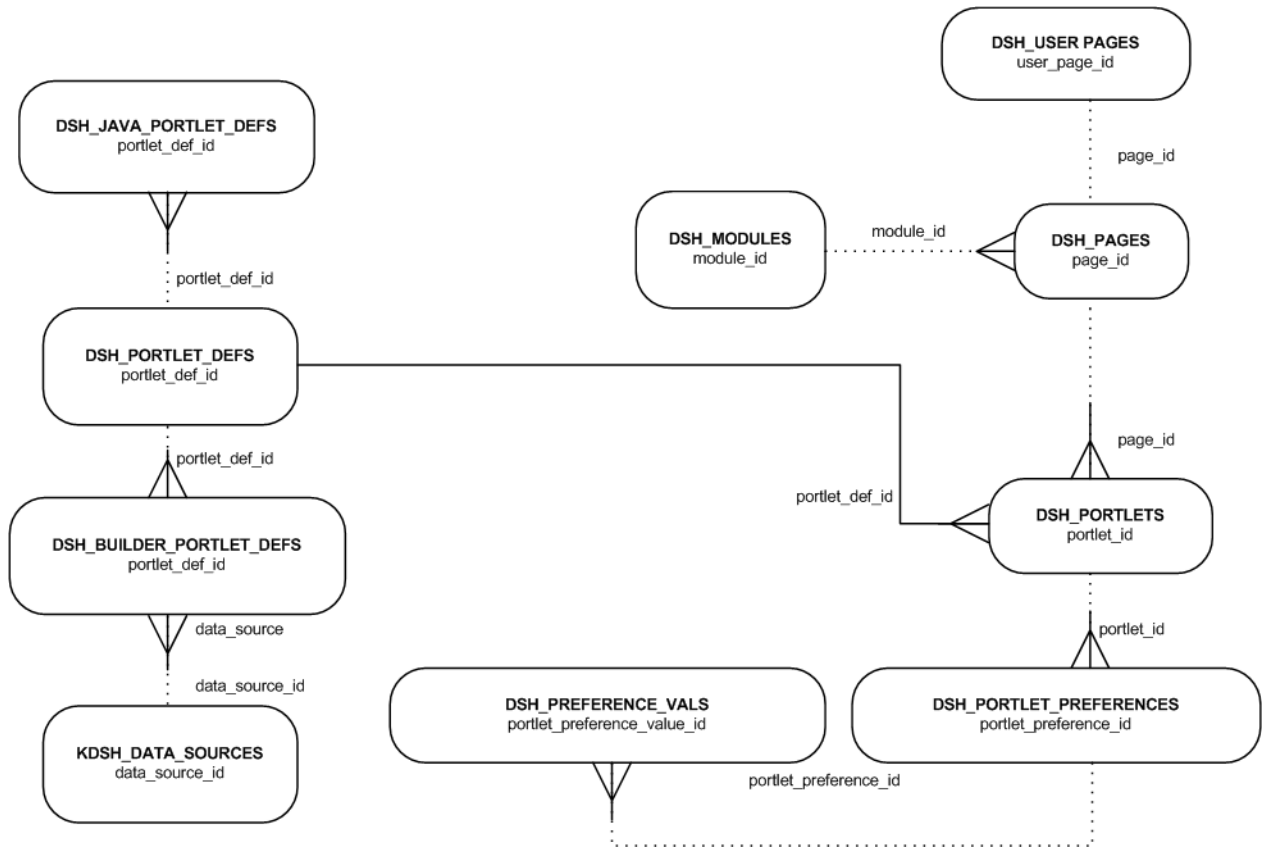


Figure 2-19. Data sources

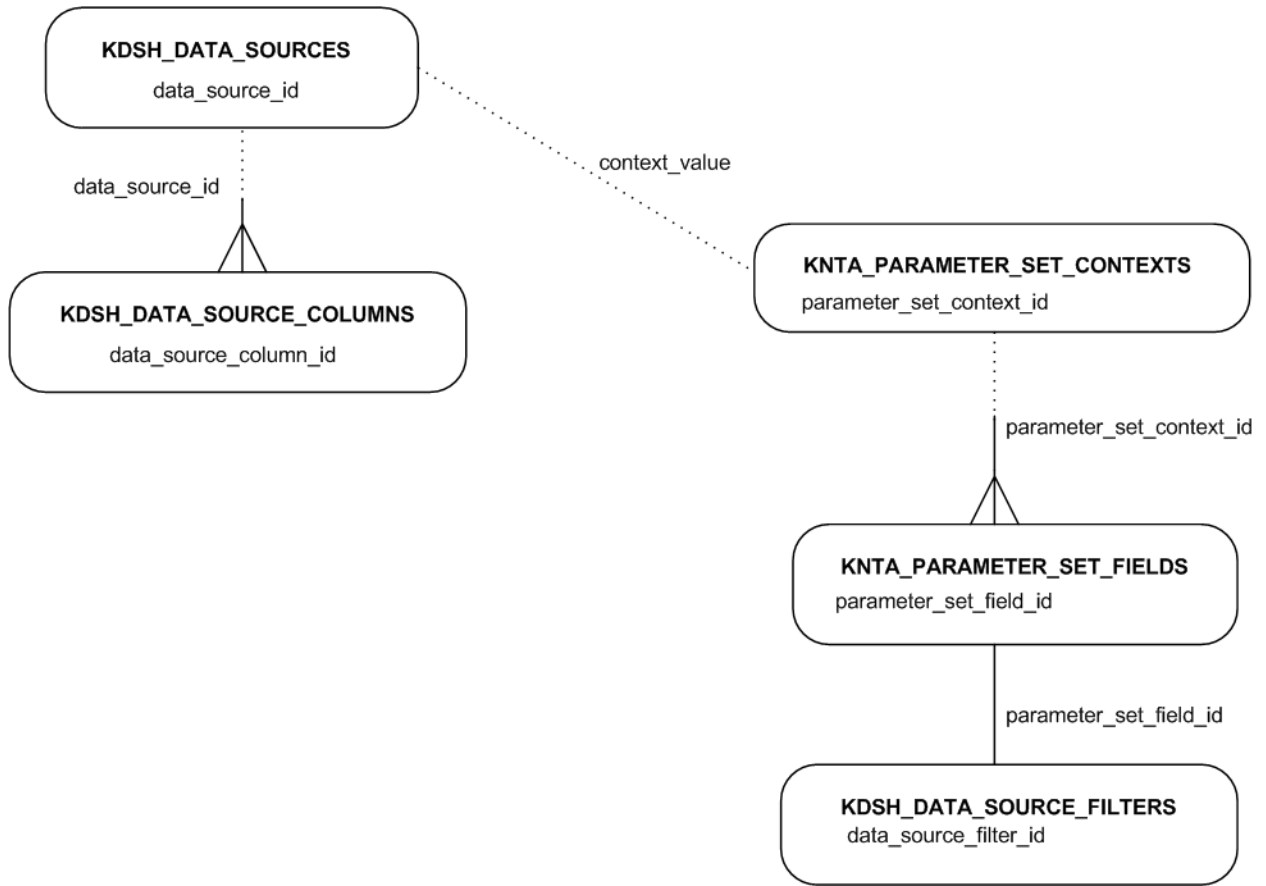


Figure 2-20. Portlet help contents

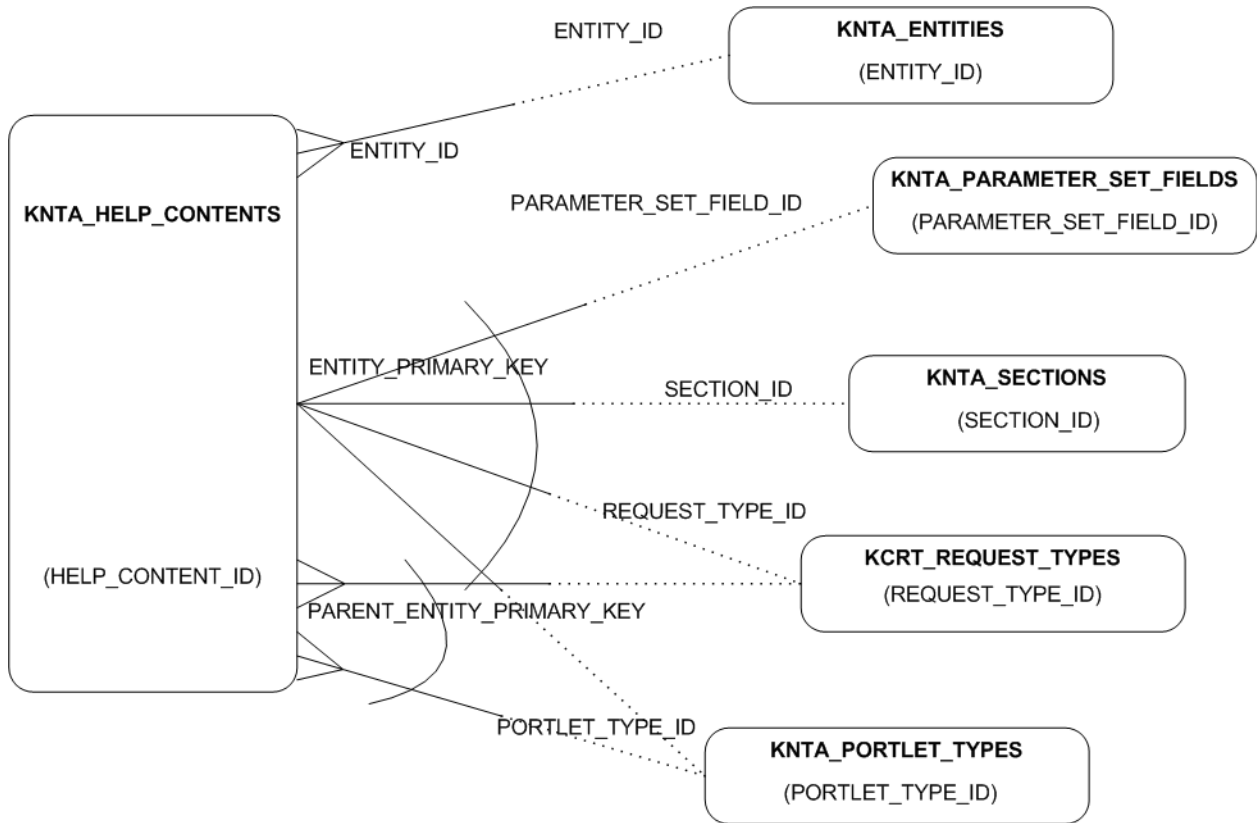
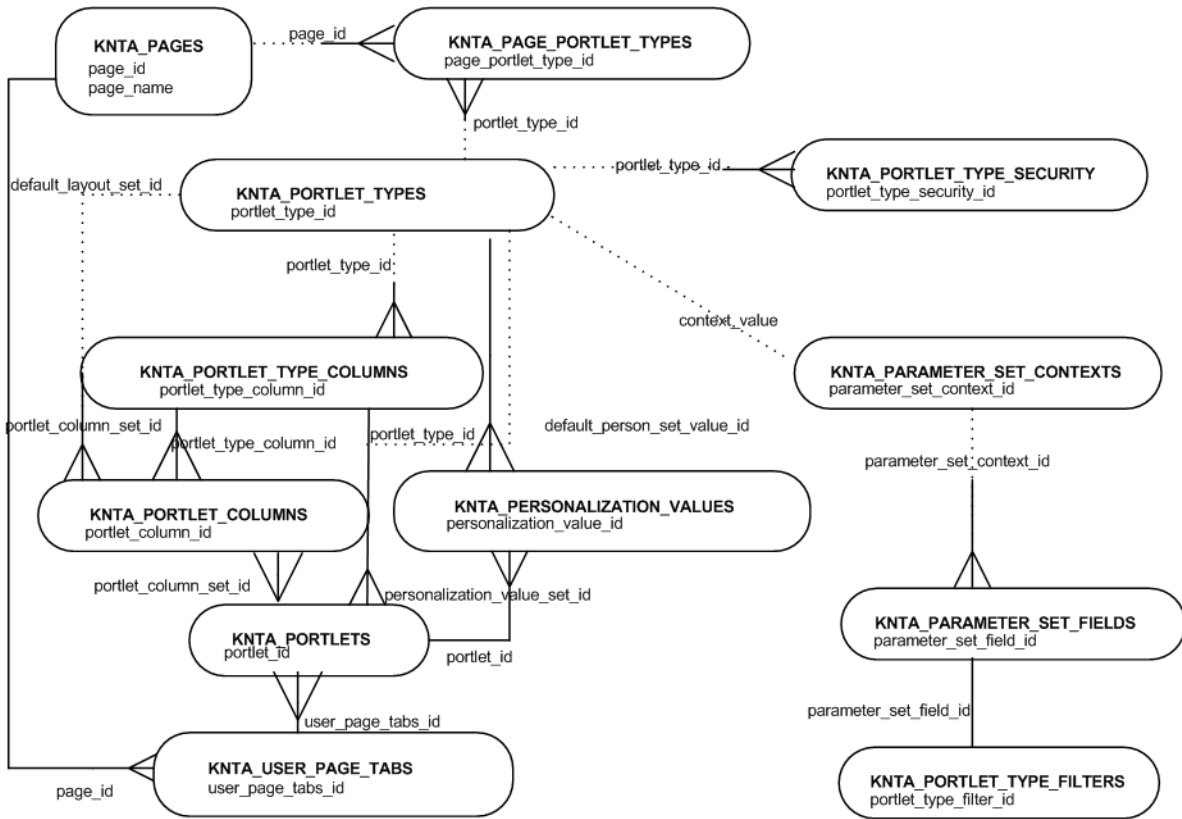


Figure 2-21. Portlets



HP Demand Management Diagrams

Figure 2-22. HP Demand Management interface

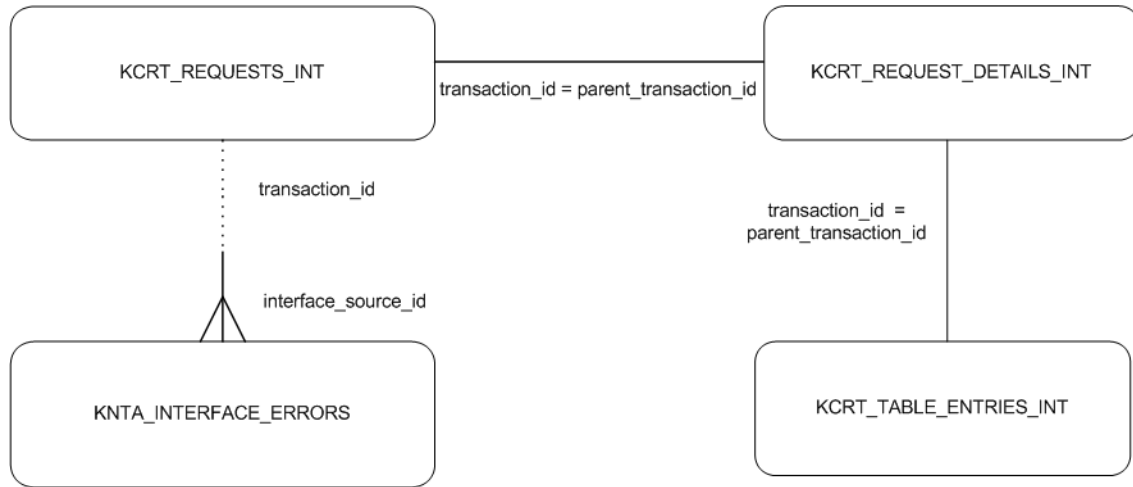


Figure 2-23. Demand set requests

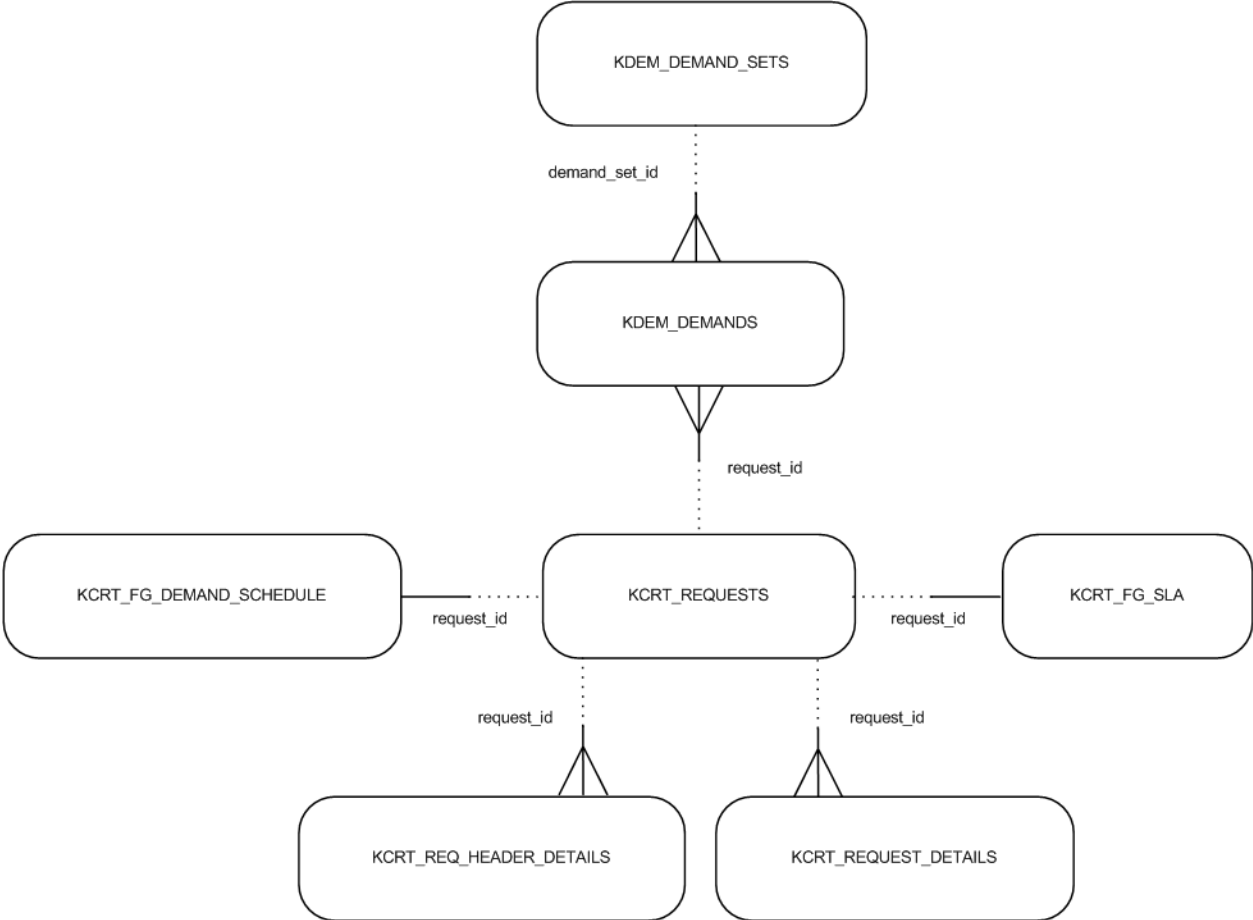


Figure 2-24. Demand sets



HP Project Management Diagrams

Figure 2-25. Calendars

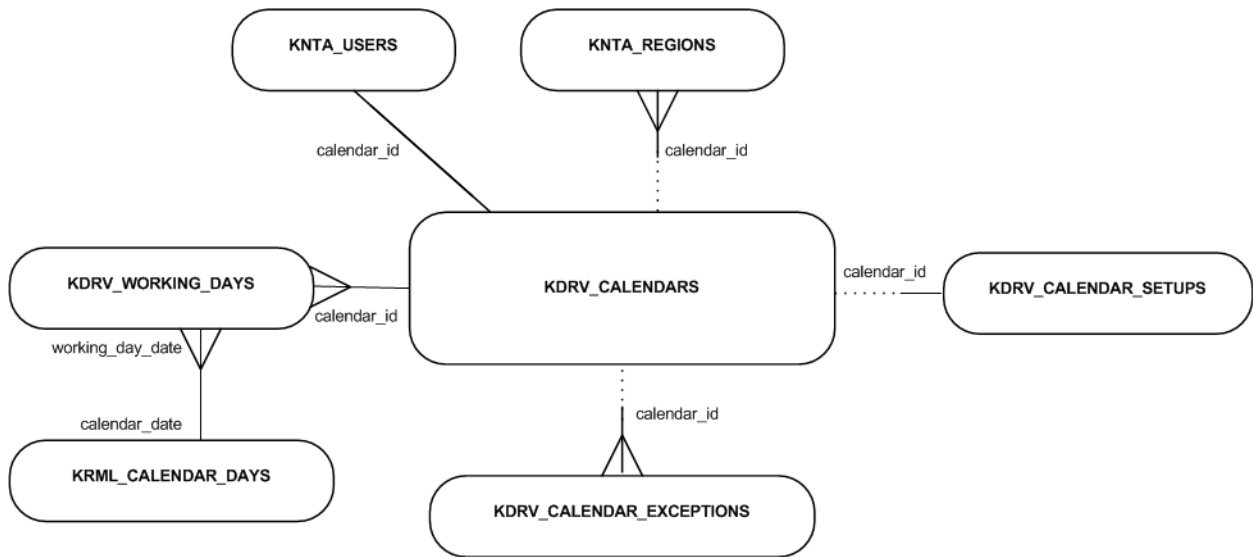


Figure 2-26. Exceptions

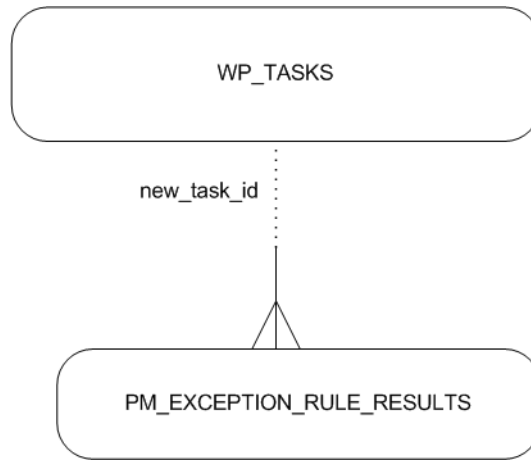


Figure 2-27. Notifications

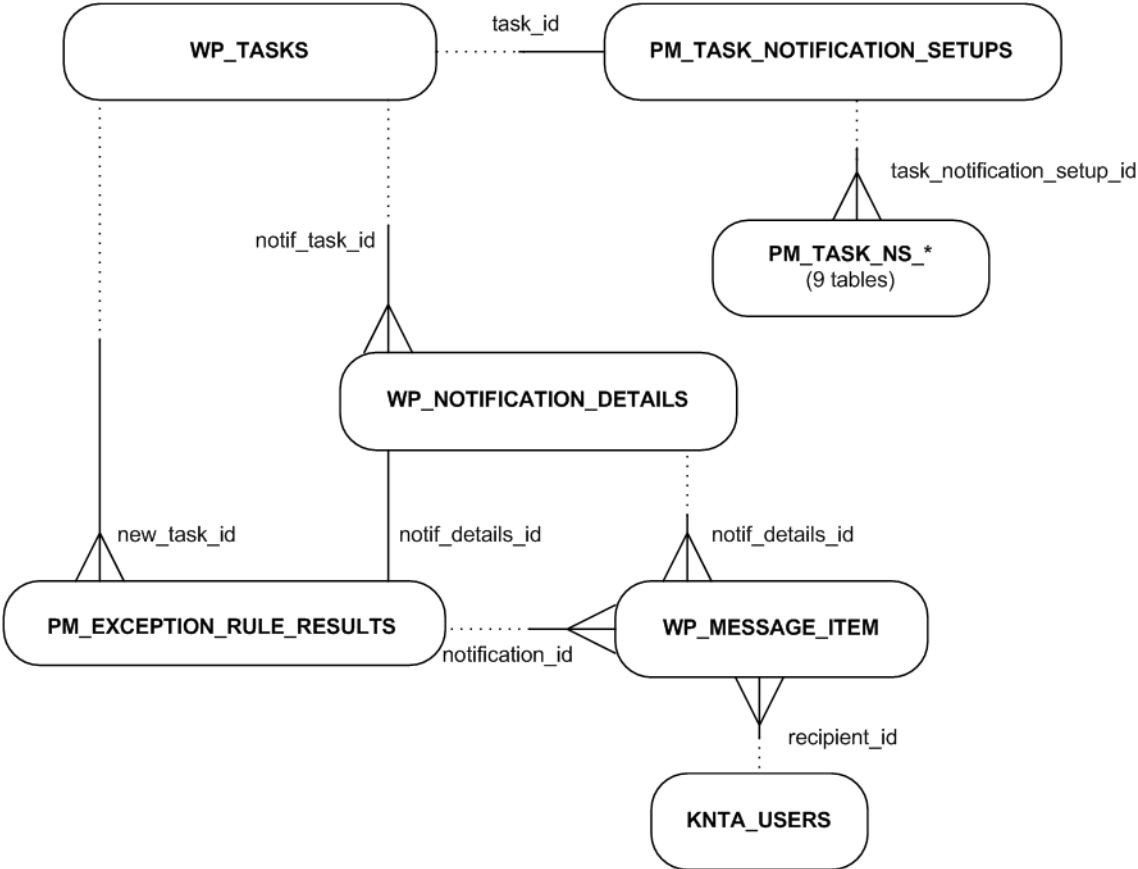
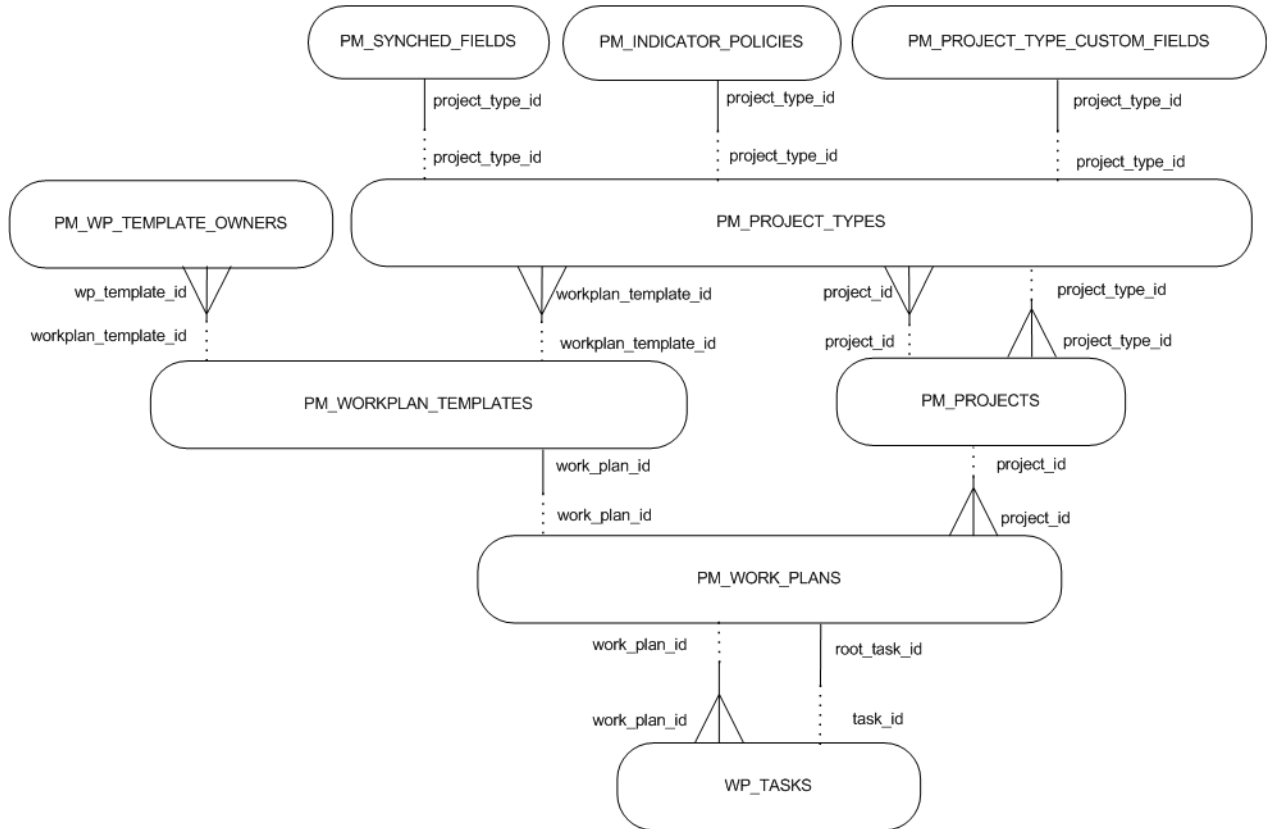


Figure 2-28. Projects



HP Time Management Diagrams

Figure 2-30. HP Time Management interface

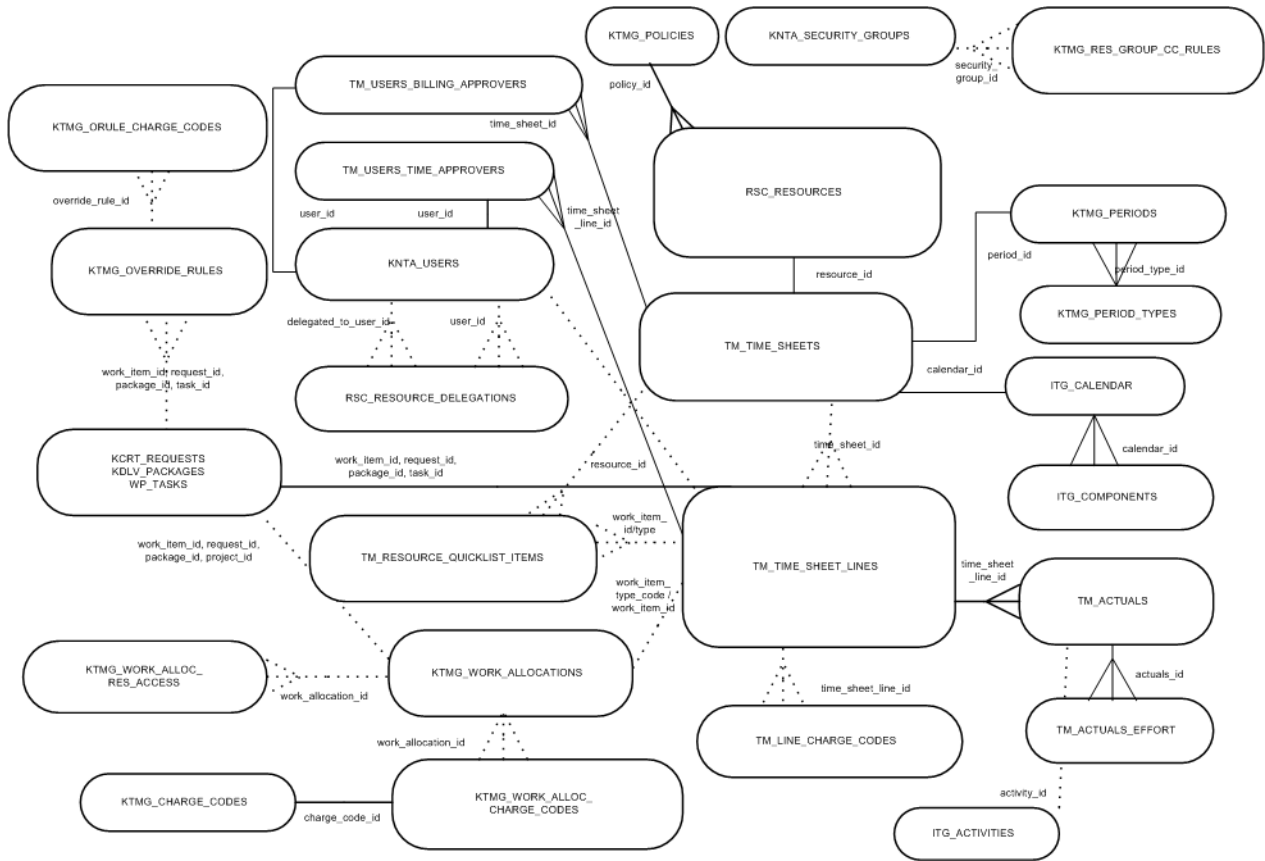
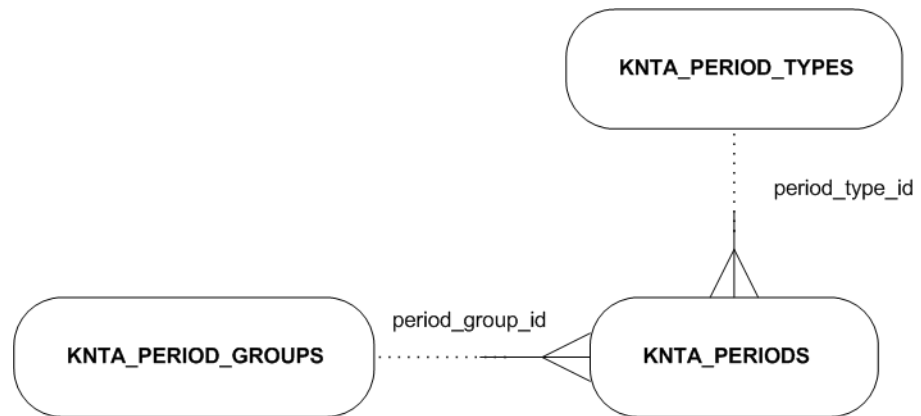


Figure 2-31. Time periods



HP Resource Management Diagrams

Figure 2-32. Resource pools

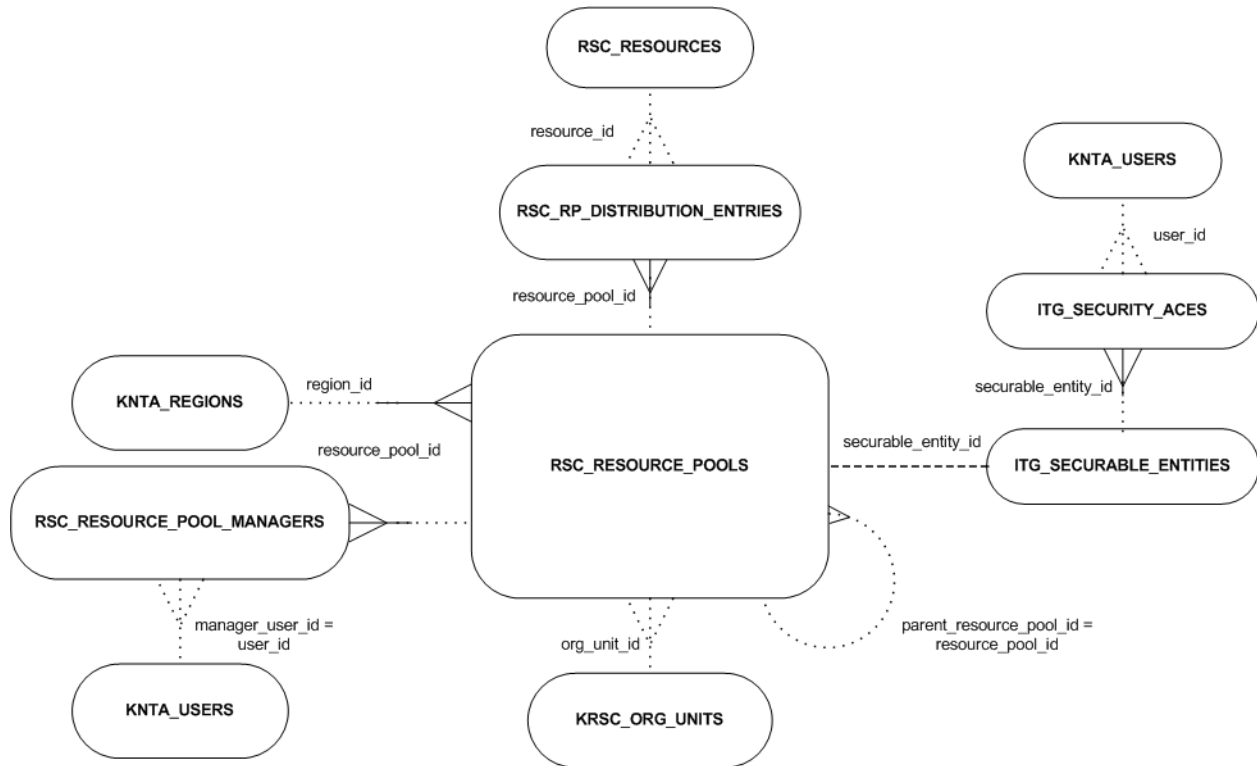


Figure 2-33. Resources

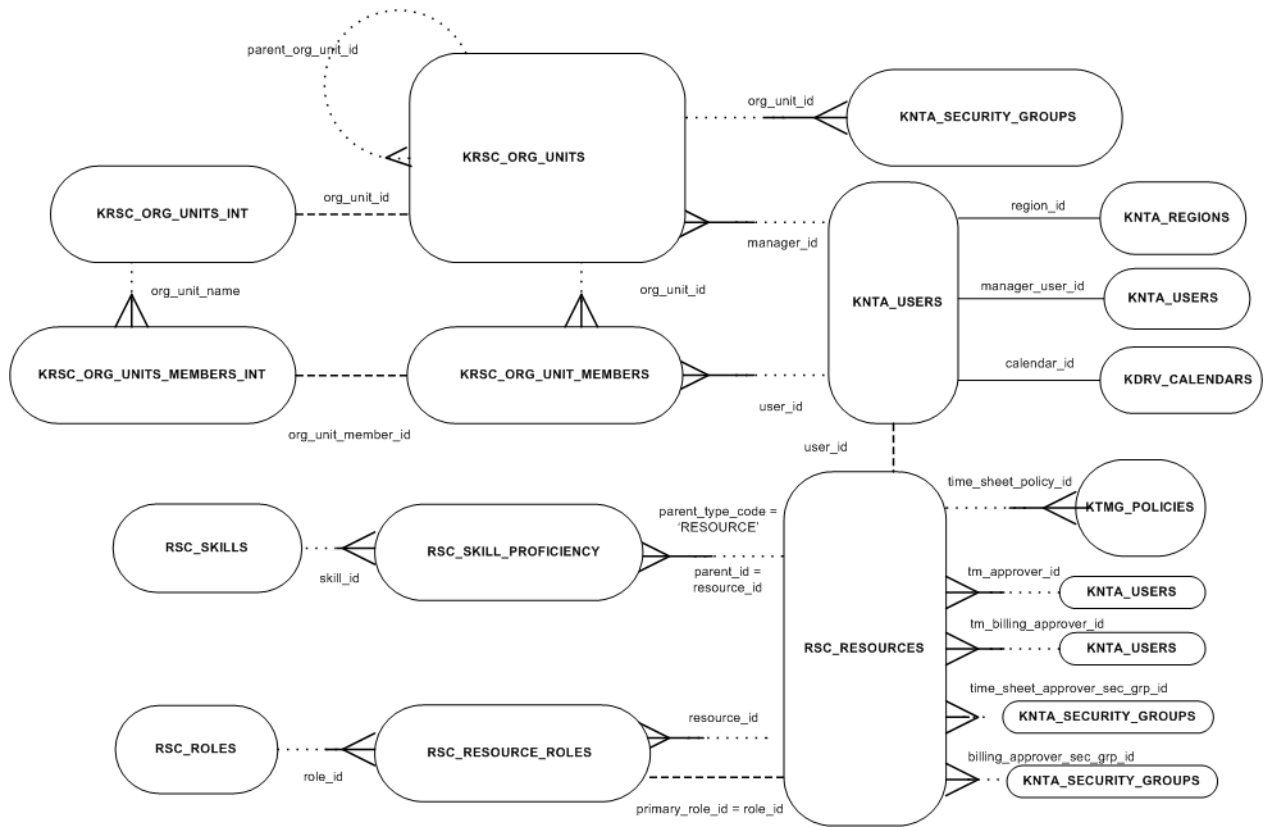


Figure 2-34. Staffing profiles

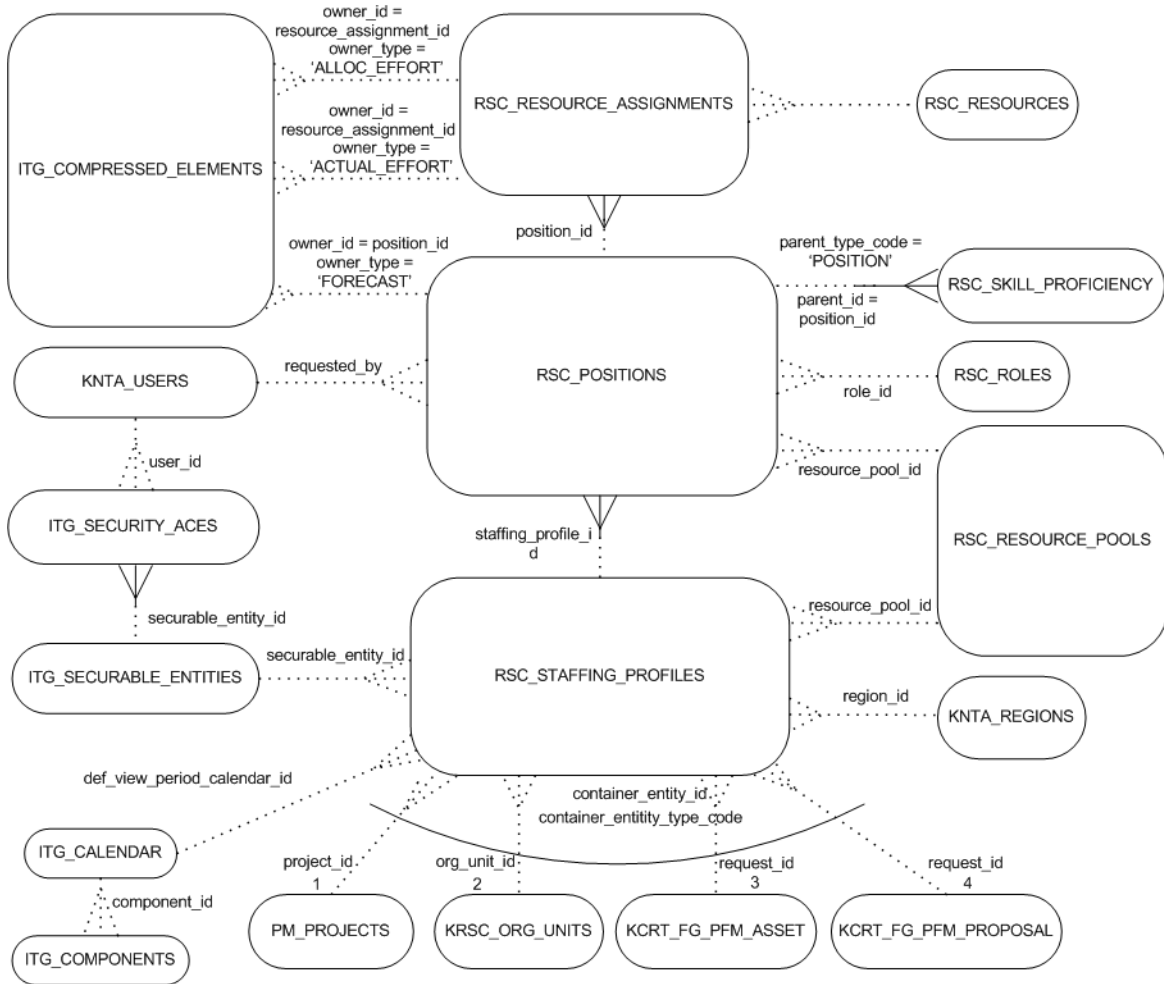
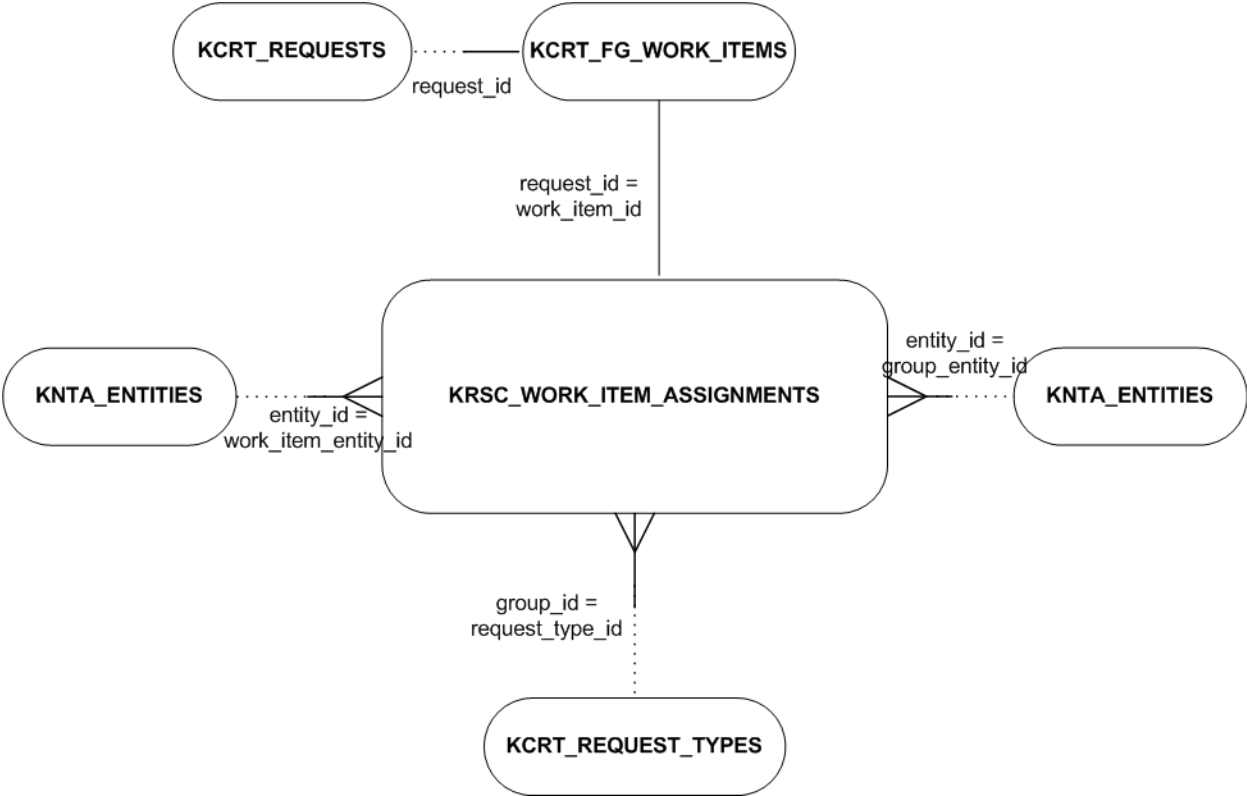
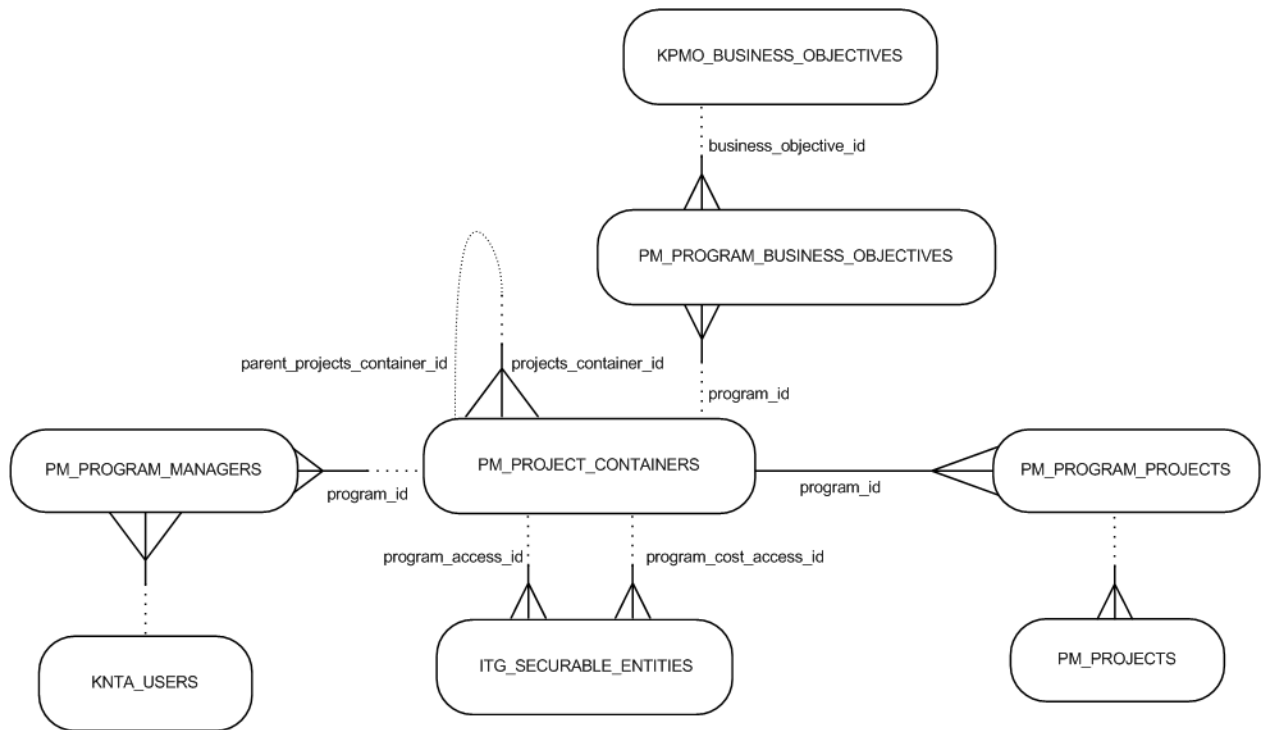


Figure 2-35. Work item assignments



HP Program Management Diagrams

Figure 2-36. HP Program Management interface



HP Portfolio Management Diagrams

Figure 2-37. HP Portfolio Management interface



HP Financial Management Diagrams

Figure 2-38. Budgets

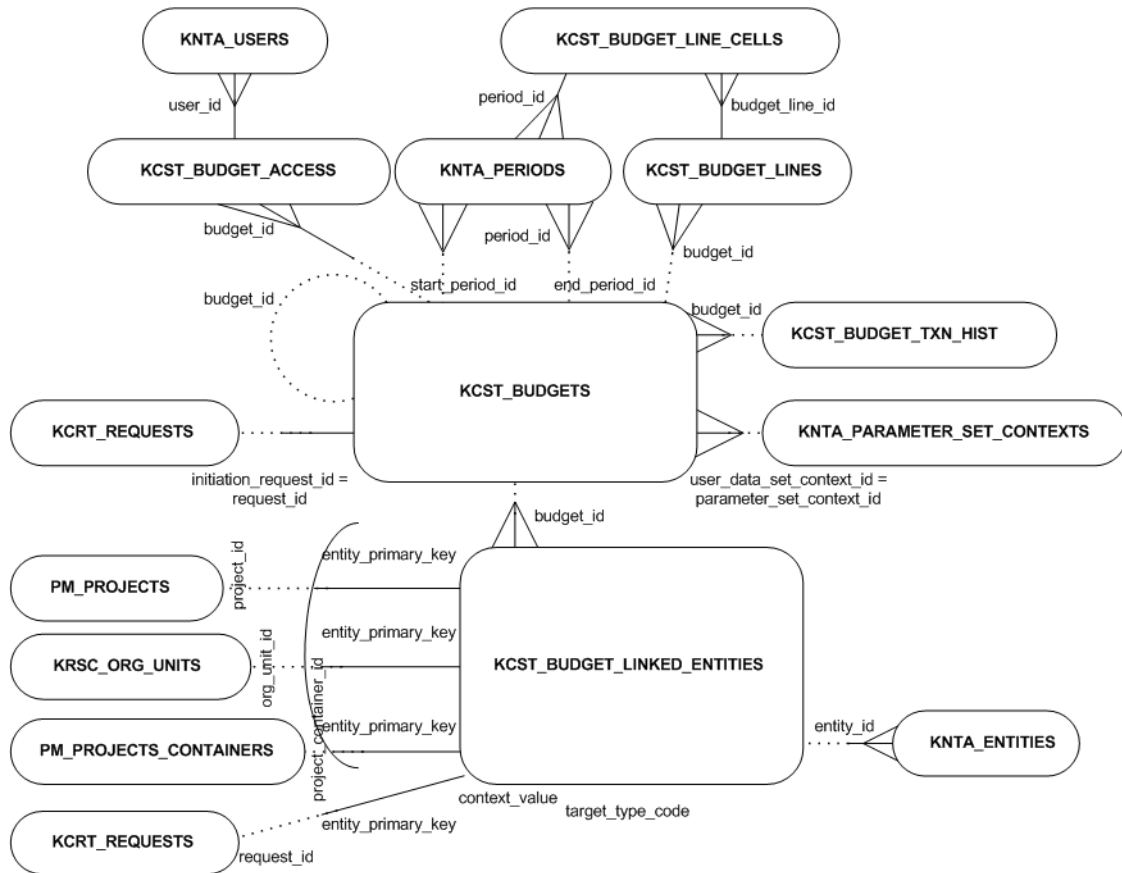
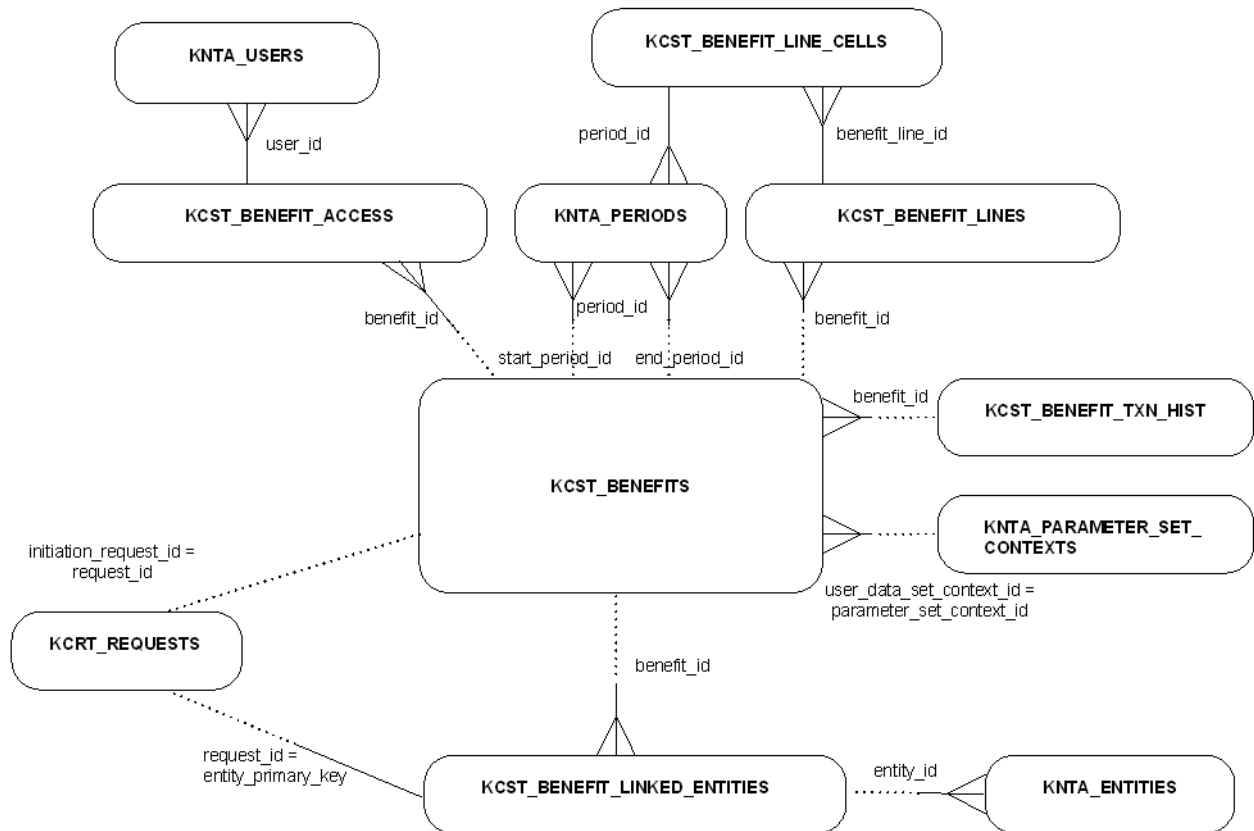


Figure 2-39. Cost data



Figure 2-40. Financial benefits



HP Deployment Management Diagrams

Figure 2-41. HP Deployment Management interface



Figure 2-42. Environment comparison

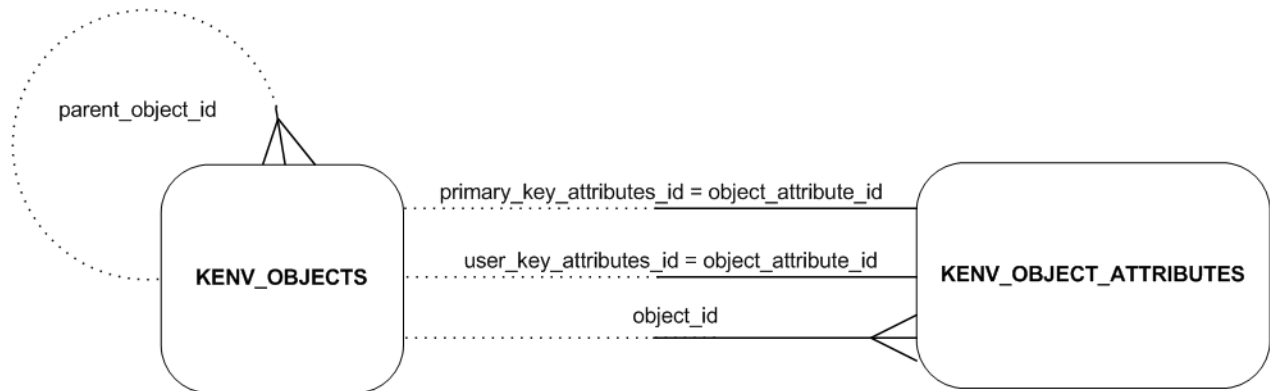


Figure 2-43. Environment groups

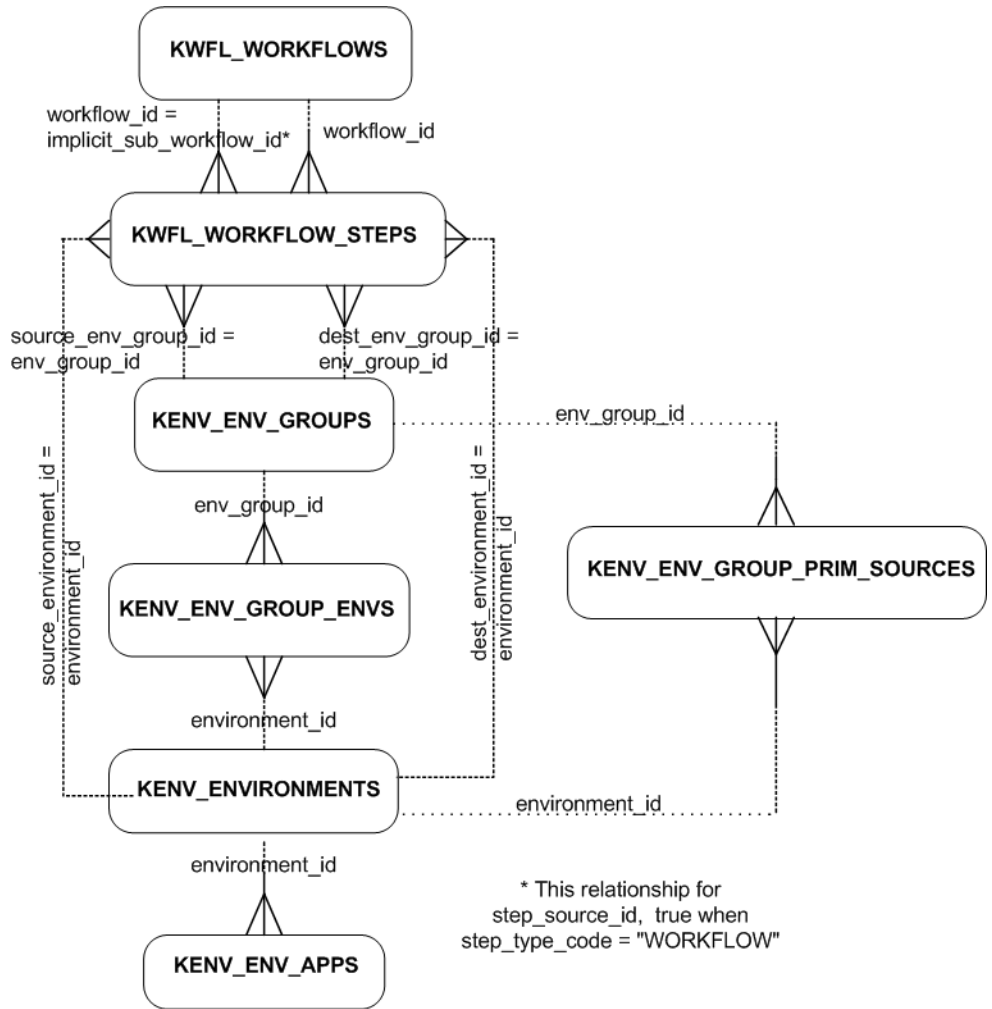


Figure 2-44. Environment refresh

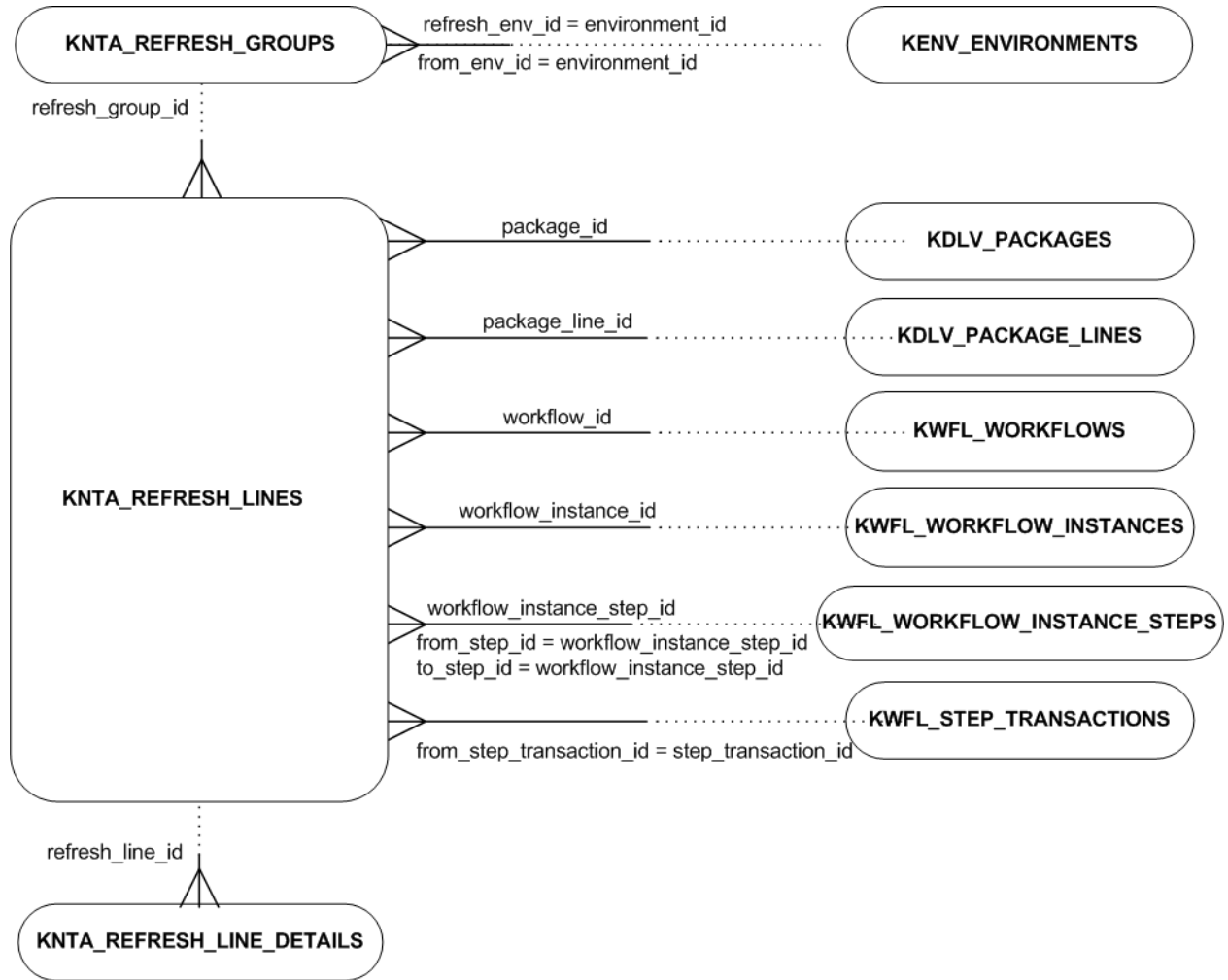


Figure 2-45. Environments

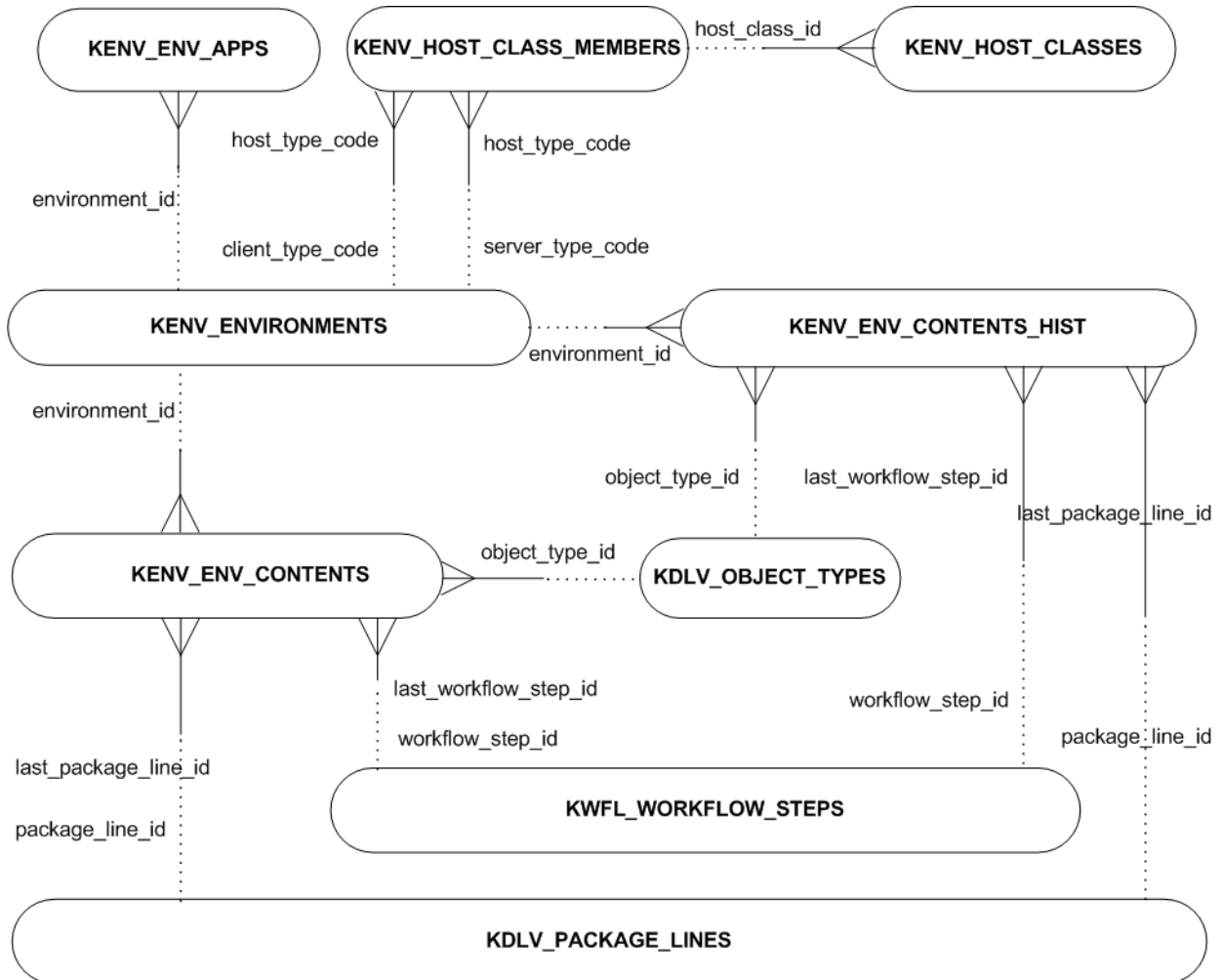


Figure 2-46. Packages

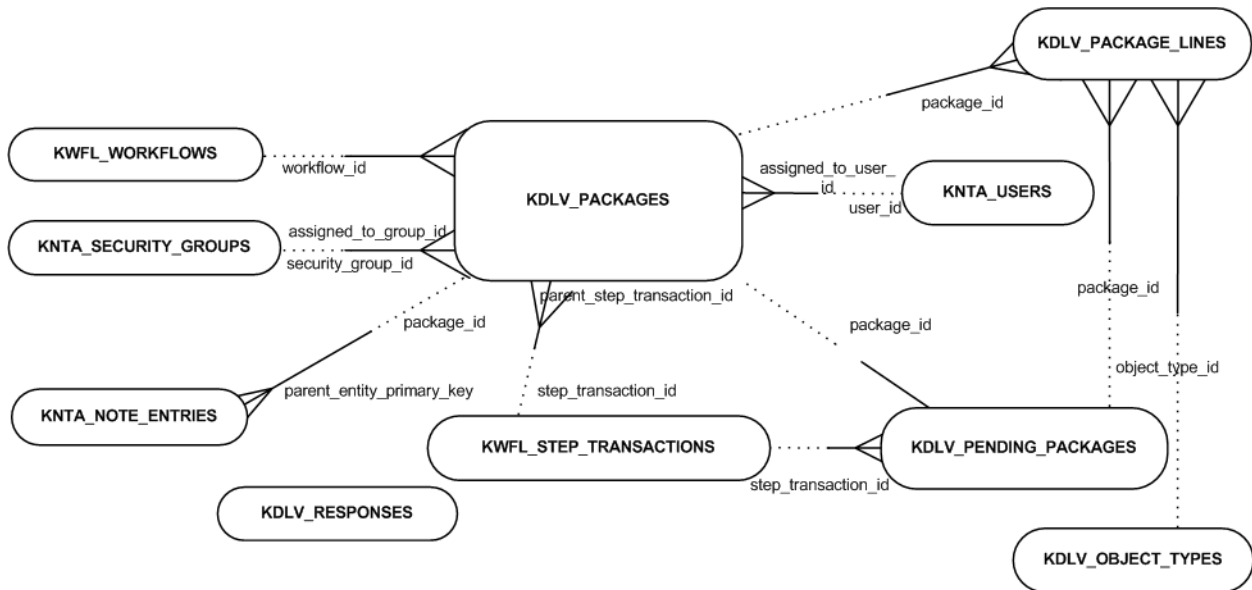


Figure 2-47. Release distributions

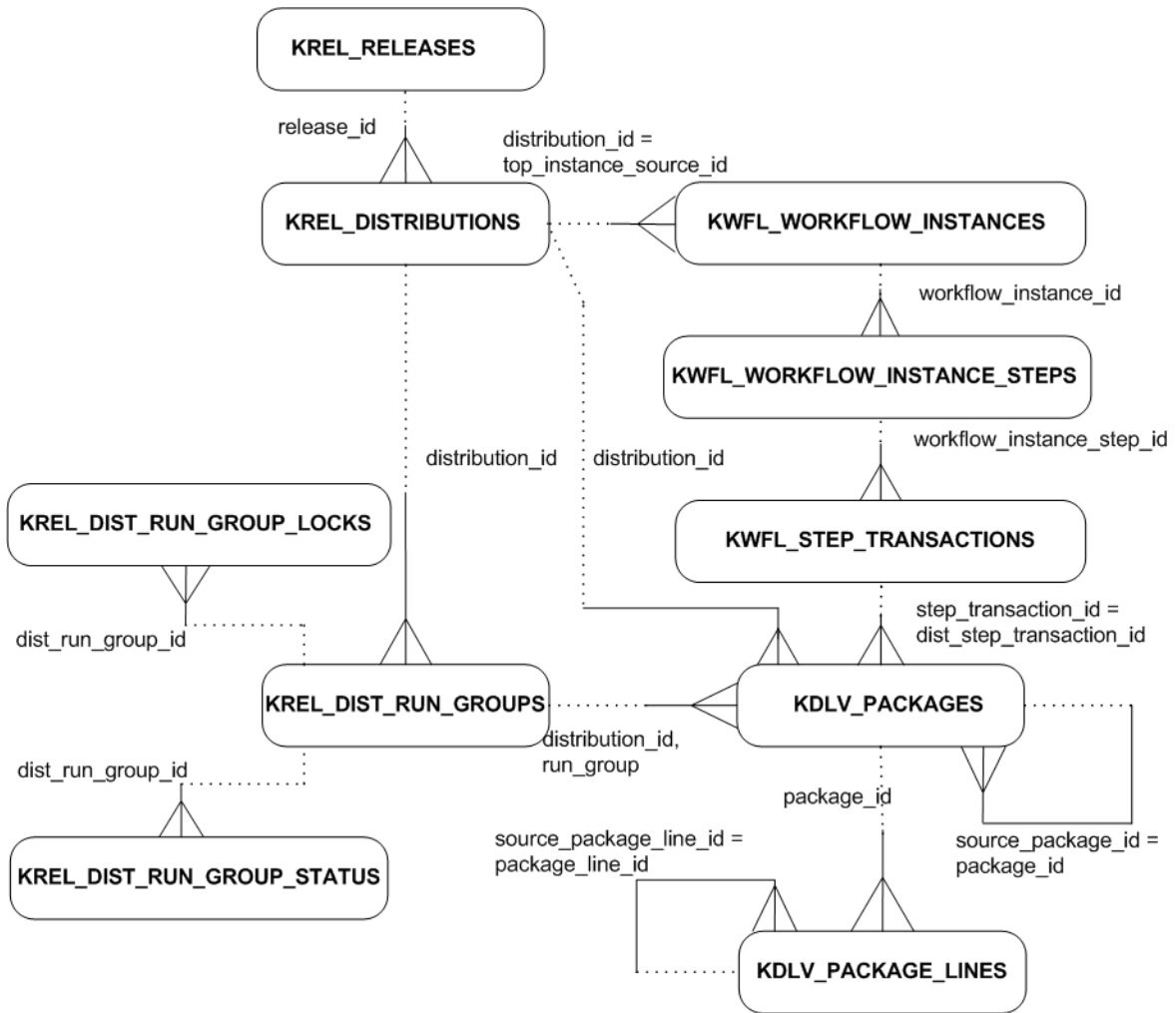
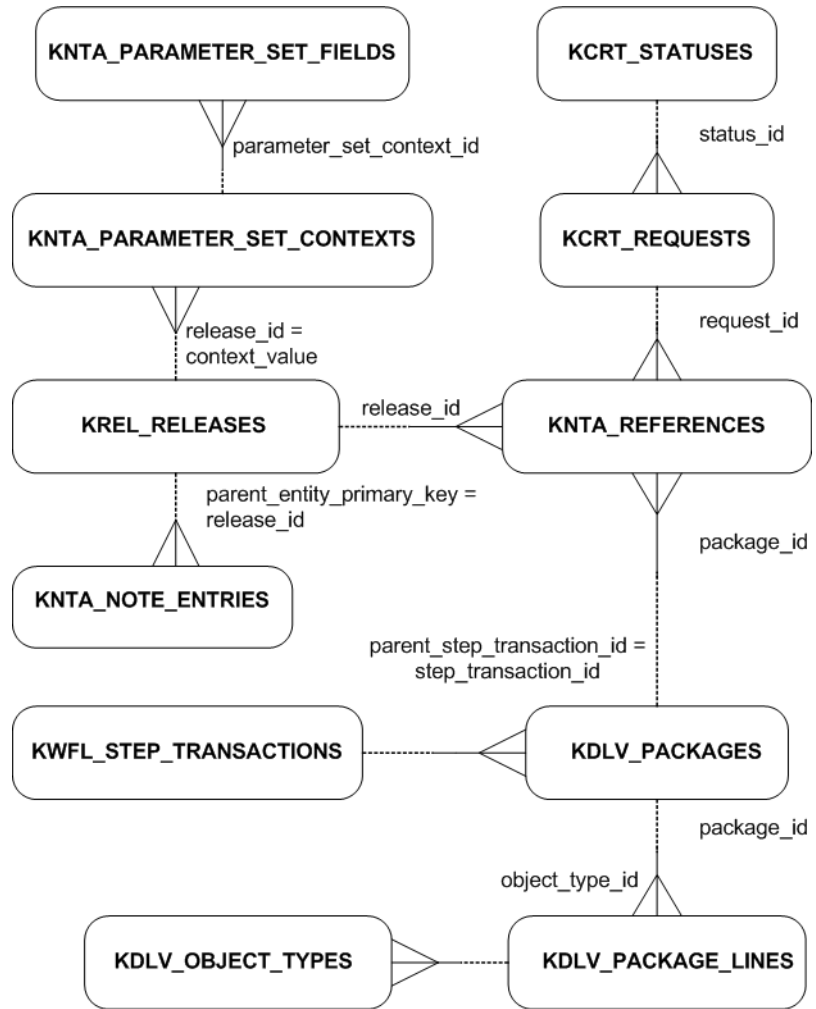


Figure 2-48. Releases



3 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 for each column in the table.

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

FM_COST_FACTORS

Contains 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 should 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

Column Name	Null?	Data Type	Description
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 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

Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C006115457	UNIQUE	1	COST_FACTOR_ID
SYS_C006115458	UNIQUE	1	COST_FACTOR
SYS_C006115459	UNIQUE	1	SORT_ORDER

Sequences

Sequence Name	Sequence Type
FM_COST_FACTORS_S	COST_FACTOR_ID

FM_COST_FACTOR_VALS

Contains 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_RULES	COST_RULE_ID	COST_RULE_ID
FM_COST_FACTORS	COST_FACTOR	COST_FACTOR

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(1020)	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

This table does not use any Indexes.

Sequences

This table does not use any Sequences.

FM_COST_RATES

Contains rates for each cost rule - the currency, the rate, the period in which the rate is in effect etc.

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 should not be updated manually.
EFFECTIVE_START_DATE	NULLABLE	DATE	Indicates the effective start date for this rate.
EFFECTIVE_END_DATE	NULLABLE	DATE	Indicates the effective end date for this rate. Null implies the rate is applicable forever.
CURRENCY_CODE	NOT NULL	VARCHAR2(1020)	Indicates the 3 letter currency code.
RATE	NOT NULL	NUMBER	Indicates the numerical amount. The actual rate is multiplied by 100 so that decimals are not needed.
CREATED_BY	NOT NULL	NUMBER	Identifier for the user that 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 that last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
COST_RULE_ID	NULLABLE	NUMBER	Indicates the cost rule id for which this rate is used.
COST_RATE_SEQ	NULLABLE	NUMBER	Indicates the chronological sequence when there are multiple cost rates for the same cost rule. 0 indicates the rate with the most recent effective start/end dates

Indexes

This table does not use any Indexes.

Sequences

Sequence Name	Sequence Type
FM_COST_RATES_S	COST_RATE_ID

FM_COST_RATE_RULE_UPDATES

Captures a change made to cost rules or cost factors and the range of time that is potentially affected by the change. 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	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
FM_COST_RULES	RULE_NUMBER	RULE_NUMBER

Column Descriptions

Column Name	Null?	Data Type	Description
COST_RATE_RULE_UPDATE_ID	NOT NULL	NUMBER	System-generated identifier
EFFECTIVE_END_DATE	NULLABLE	DATE	Indicates the 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	Indicates the 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.

Column Name	Null?	Data Type	Description
REASON	NULLABLE	VARCHAR2(1020)	Indicates the reason for the entry. Possible values are ruleChanged, rateChanged, ruleDeleted,ruleCreated,costFactors Changed
RULE_NUMBER	NULLABLE	NUMBER	Indicates the 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 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

Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C006115480	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_RULES

Contains cost rules that are 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.

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 should 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(4)	Indicates the default rule. 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.
CREATED_BY	NOT NULL	NUMBER	Identifier for the user that 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 that last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated

Indexes

This table does not use any Indexes.

Sequences

Sequence Name	Sequence Type
FM_COST_RULES_S	COST_RULE_ID

FM_CRR_QUEUE_ENTRIES

Contains entities whose cost data needs to 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_ENTITIES	ENTITY_ID	ENTITY_TYPE_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

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 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

Indexes

This table does not use any Indexes.

Sequences

Sequence Name	Sequence Type
FM_CRR_ QUEUE_ ENTRIES_S	FM_CRR_ QUEUE_ENTRY_ ID

FM_EXCHANGE_RATES

Contains all the currency exchange rates defined in the application. The actual exchange rate is stored in itg_components table where rate_calendar_id = calendar_id.

Foreign Keys

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

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 should not be updated manually
CURRENCY_CODE	NULLABLE	VARCHAR2(1020)	Indicates the 3 letter currency code (e.g.USD)
RATE_CALENDAR_ID	NULLABLE	NUMBER	Indicates a calendar_id in the itg_calendar table.
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

Indexes

Index Name	Index Type	Sequence	Column Name
FK7FF834EF2B5220DF_I	NONUNIQUE	1	RATE_ CALENDAR_ID
SYS_C006115487	UNIQUE	1	EXCHANGE_ RATE_ID

Sequences

Sequence Name	Sequence Type
FM_EXCHANGE_ RATES_S	EXCHANGE_ RATE_ID

ITG_ACCESS_CONTROL_ENTRIES

Specifies 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	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(1020)	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.

Column Name	Null?	Data Type	Description
SECURITY_GROUP_ID	NULLABLE	NUMBER	Indicates the security group which the specified security privileges are granted. Must match a SECURITY_GROUP_ID in KNTA_SECURITY_GROUPS
IS_MANAGER_FLAG	NULLABLE	VARCHAR2(4)	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 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

Indexes

Index Name	Index Type	Sequence	Column Name
FKFFB8FDD6C55496FA_I	NONUNIQUE	1	USER_ID
FKFFB8FDD6FE01C679_I	NONUNIQUE	1	SECURITY_GROUP_ID
SYS_C006115494	UNIQUE	1	ACCESS_CONTROL_ENTRY_ID

Sequences

Sequence Name	Sequence Type
ITG_ACCESS_ CONTROL_ ENTRIES_S	ACCESS_ CONTROL_ ENTRY_ID

ITG_ACTIVITIES

This table holds the definitions for Activities.

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
ACTIVITY_ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column should not be updated manually
ACTIVITY_NAME	NULLABLE	VARCHAR2(1020)	Defines the name given to this Activity.
DESCRIPTION	NULLABLE	VARCHAR2(2600)	Describes the Activity.
ENABLED_FLAG	NULLABLE	VARCHAR2(4)	Indicates whether or not the Activity is enabled.
CATEGORY_CODE	NULLABLE	VARCHAR2(1020)	Indicates the SOP 98-1 Category for the Activity.
CAPEX_OPEX_ENABLED_FLAG	NULLABLE	VARCHAR2(4)	Indicates whether or not the Activity can be capitalized. Y indicates that the Activity can be capitalized.
IS_USED_FOR_REQUEST	NULLABLE	VARCHAR2(4)	Indicates whether or not the Activity can be used for Requests.

Column Name	Null?	Data Type	Description
IS_USED_FOR_PACKAGE	NULLABLE	VARCHAR2(4)	Indicates whether or not the Activity can be used for Packages.
IS_USED_FOR_PROJECT_TASK	NULLABLE	VARCHAR2(4)	Indicates whether or not the Activity can be used for Tasks or Projects.
IS_USED_FOR_MISC	NULLABLE	VARCHAR2(4)	Indicates whether or not the Activity can be used for Miscellaneous items.
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
IS_USED_FOR_ASSET	NULLABLE	VARCHAR2(4)	Indicates whether or not the Activity can be used for Assets.

Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C006115501	UNIQUE	1	ACTIVITY_ID
SYS_C006115502	UNIQUE	1	ACTIVITY_NAME

Sequences

Sequence Name	Sequence Type
ITG_ACTIVITIES_S	ACTIVITY_ID

ITG_AUDIT_EVENTS

This table holds audit information. For the new 7.0 entities.

Foreign Keys

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

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 which caused the audit to trigger. FK to KNTA_USERS
EVENT_DATE	NULLABLE	DATE	Indicates date in which this event occurred
MESSAGE	NULLABLE	VARCHAR2(4000)	Provides message for this audit event

Column Name	Null?	Data Type	Description
NEW_VALUE	NULLABLE	VARCHAR2(4000)	Provides new value which was set on the entity
OLD_VALUE	NULLABLE	VARCHAR2(4000)	Provides old value on the entity
FIELD_ID	NULLABLE	VARCHAR2(400)	Identifies id of the field which was changed
CONTAINER0_TYPE	NULLABLE	NUMBER	Identifies type of the container entity
CONTAINER0_ID	NULLABLE	NUMBER	Identifies id of the container entity
CONTAINER0_NAME	NULLABLE	VARCHAR2(2600)	Identifies name of the container entity
CONTAINER1_TYPE	NULLABLE	NUMBER	Identifies type of the container entity
CONTAINER1_ID	NULLABLE	NUMBER	Identifies id of the container entity
CONTAINER1_NAME	NULLABLE	VARCHAR2(2600)	Identifies name of the container entity
CONTAINER2_TYPE	NULLABLE	NUMBER	Identifies type of the container entity
CONTAINER2_ID	NULLABLE	NUMBER	Identifies id of the container entity
CONTAINER2_NAME	NULLABLE	VARCHAR2(2600)	Identifies name of the container entity
ENTITY_TYPE	NULLABLE	NUMBER	Identifies type of the entity
ENTITY_ID	NULLABLE	NUMBER	Identifies id of the entity
ENTITY_NAME	NULLABLE	VARCHAR2(2600)	Identifies name of the entity
RELATED_ENTITY_TYPE	NULLABLE	NUMBER	Identifies type of the related entity
RELATED_ENTITY_ID	NULLABLE	NUMBER	Identifies id of the related entity
RELATED_ENTITY_NAME	NULLABLE	VARCHAR2(2600)	Identifies name of the related entity
CREATED_BY	NOT NULL	NUMBER	Identifier for the user that 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 that last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated

Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C006115508	UNIQUE	1	AUDIT_EVENT_ID

Sequences

Sequence Name	Sequence Type
ITG_AUDIT_EVENTS_S	AUDIT_EVENT_ID

ITG_CALENDAR

This table contains 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 should not be updated manually
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
BUSINESSUID	NULLABLE	VARCHAR2(1020)	Provides business UID for this period calendar
CALENDAR_NAME	NULLABLE	VARCHAR2(1020)	Provides the name for this period calendar

Column Name	Null?	Data Type	Description
PERIOD_NAME_MEANING	NULLABLE	VARCHAR2(1020)	Provides the period name for which this period calendar belongs to
PERIOD_GROUP_NAME_MEANING	NULLABLE	VARCHAR2(1020)	Provides the period group name for which this period calendar belongs to

Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C006115524	UNIQUE	1	CALENDAR_ID

Sequences

Sequence Name	Sequence Type
ITG_CALENDAR_IDS	CALENDAR_ID

ITG_COMPONENTS

This table contains 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	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
COMPONENT_ID	NOT NULL	NUMBER	System-generated identifier
COMPONENT_TYPE_CODE	NOT NULL	NUMBER	Indicates the type of component
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column should not be updated manually
BUSY_AMOUNT	NULLABLE	FLOAT	Indicates the busy amount for this component
START_TIME	NULLABLE	DATE	Indicates start instant for this component
FINISH_TIME	NULLABLE	DATE	Indicates finish instant for this component
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

Column Name	Null?	Data Type	Description
GROUP_NAME	NULLABLE	VARCHAR2(1020)	Indicates the name of the group for which this component belongs to
NAME	NULLABLE	VARCHAR2(1020)	Indicates the name of this component
ACT_CAP_LABOR_BSE	NULLABLE	NUMBER	Indicates the base value of the actual capitalized labor cost
ACT_CAP_LABOR_LCL	NULLABLE	NUMBER	Indicates the local value of the actual capitalized labor cost
ACT_CAP_LABOR_CUR_LCL	NULLABLE	VARCHAR2(1020)	Indicates the local currency code of the actual capitalized labor cost
ACT_CAP_NON_LABOR_BSE	NULLABLE	NUMBER	Indicates the base value of the actual capitalized non-labor cost
ACT_CAP_NON_LABOR_LCL	NULLABLE	NUMBER	Indicates the local value of the actual capitalized non-labor cost
ACT_CAP_NON_LABOR_CUR_LCL	NULLABLE	VARCHAR2(1020)	Indicates the 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	Indicates the local value of the actual operational labor cost

Column Name	Null?	Data Type	Description
ACT_OP_LABOR_CUR_LCL	NULLABLE	VARCHAR2(1020)	Indicates the local currency code of the actual operational labor cost
ACT_OP_NON_LABOR_BSE	NULLABLE	NUMBER	Indicates the base value of the actual operational non-labor cost
ACT_OP_NON_LABOR_LCL	NULLABLE	NUMBER	Indicates the local value of the actual operational non-labor cost
ACT_OP_NON_LABOR_CUR_LCL	NULLABLE	VARCHAR2(1020)	Indicates the local currency code of the actual operational non-labor cost
PLAN_CAP_LABOR_BSE	NULLABLE	NUMBER	Indicates the base value of the planned capitalized labor cost
PLAN_CAP_LABOR_LCL	NULLABLE	NUMBER	Indicates the local value of the planned capitalized labor cost
PLAN_CAP_LABOR_CUR_LCL	NULLABLE	VARCHAR2(1020)	Indicates the local currency code of the planned capitalized labor cost
PLAN_CAP_NON_LABOR_BSE	NULLABLE	NUMBER	Indicates the base value of the planned capitalized non-labor cost
PLAN_CAP_NON_LABOR_LCL	NULLABLE	NUMBER	Indicates the local value of the planned capitalized non-labor cost

Column Name	Null?	Data Type	Description
PLAN_CAP_ NON_LABOR_ CUR_LCL	NULLABLE	VARCHAR2(1020)	Indicates the local currency code of the planned capitalized non-labor cost
PLAN_OP_ LABOR_BSE	NULLABLE	NUMBER	Indicates the base value of the planned operational labor cost
PLAN_OP_ LABOR_LCL	NULLABLE	NUMBER	Indicates the local value of the planned operational labor cost
PLAN_OP_ LABOR_CUR_ LCL	NULLABLE	VARCHAR2(1020)	Indicates the local currency code of the planned operational labor cost
PLAN_OP_NON_ LABOR_BSE	NULLABLE	NUMBER	Indicates the base value of the planned operational non-labor cost
PLAN_OP_NON_ LABOR_LCL	NULLABLE	NUMBER	Indicates the local value of the planned operational non-labor cost
PLAN_OP_NON_ LABOR_CUR_ LCL	NULLABLE	VARCHAR2(1020)	Indicates the local currency code of the planned operational non-labor cost
EXCHANGE_ RATE	NULLABLE	NUMBER	Indicates the exchange rate
CALENDAR_ID	NULLABLE	NUMBER	Provides the calendar ID used for this component. This valude should correspond to CALENDAR_ID in ITG_CALENDAR

Column Name	Null?	Data Type	Description
COMPONENT_SEQ	NULLABLE	NUMBER	Indicates the sequence number of this component

Indexes

Index Name	Index Type	Sequence	Column Name
FKF60306995F1C C5BE_I	NONUNIQUE	1	CALENDAR_ID
SYS_C006115555	UNIQUE	1	COMPONENT_ID

Sequences

Sequence Name	Sequence Type
ITG_COMPONENTS_S	COMPONENT_ID

ITG_COMPRESSED_ELEMENTS

Contains the forecast/allocation/actual effort/ for positions and resource assignments (in hours). An entry like this:

```
id 1 repeats_count 5 value 8 owner_id 2000 owner_type 'FORECAST' Compressed_entry_seq 0
id 2 repeats_count 2 value 0 owner_id 2000 owner_type 'FORECAST' Compressed_entry_seq 1
```

means: These entries are for a position with id 2000 and that position requires 8 hours per day for the first 5 days and 0 hours per day for the next 2 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
COMPRESSED_ELEMENT_ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column should not be updated manually
REPEATS_COUNT	NULLABLE	NUMBER	Indicates the number of consecutive days that have the same value
VALUE	NULLABLE	FLOAT	Indicates the number of hours
OWNER_ID	NULLABLE	NUMBER	Indicates (in combination the owner_type) whether this row is for a position or a resource assignment

Column Name	Null?	Data Type	Description
OWNER_TYPE	NOT NULL	VARCHAR2(120)	Indicates the following: 'FORECAST' - Position 'ALOC_EFFORT' - Allocated effort in the resource assignment. 'ACTUAL_EFFORT' - Actual effort for the resource assignment
COMPRESSED_ENTRY_SEQ	NULLABLE	NUMBER	Indicates the chronological order of entries with the same owner_id and owner_type.
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

Indexes

Index Name	Index Type	Sequence	Column Name
ITG_COMPRESSED_ELEMENTS_N1	NONUNIQUE	1	OWNER_ID
ITG_COMPRESSED_ELEMENTS_N1	NONUNIQUE	2	OWNER_TYPE
SYS_C006115563	UNIQUE	1	COMPRESSED_ELEMENT_ID

Sequences

Sequence Name	Sequence Type
ITG_ COMPRESSED_ ELEMENTS_S	COMPRESSED_ ELEMENT_ID

ITG_GROUP_PARTICIPANT_TRUSTEE

Specifies 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_C006115566	UNIQUE	1	GROUP_PARTICIPANT_ID
SYS_C006115566	UNIQUE	2	BASE_TRUSTEE_ID

Sequences

This table does not use any Sequences.

ITG_GROUP_PARTICIPANT_USERS

Specifies the users that 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 KNTA_USERS.

Indexes

Index Name	Index Type	Sequence	Column Name
FK5E24D599C55496FA_I	NONUNIQUE	1	USER_ID
SYS_C006115569	UNIQUE	1	TRUSTEE_ID
SYS_C006115569	UNIQUE	2	USER_ID

Sequences

This table does not use any Sequences.

ITG_NOTES

This table contains notes information for the new 7.0 entities

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
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 should not be updated manually
NOTE_TEXT	NULLABLE	CLOB	Defines text of the note that was set
NOTE_TYPE	NOT NULL	VARCHAR2(120)	Identifies note type : html, pdf, txt
OWNER_ID	NULLABLE	NUMBER	Identifies user whpo owns this note
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
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_C006115606	UNIQUE	1	NOTE_ID

Sequences

Sequence Name	Sequence Type
ITG_NOTES_S	NOTE_ID

ITG_PENDING_ROLLUPS

Contains entries for consumption by asynchronous PPM services such as 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	ENTITY_ID	SOURCE_ENTITY_ID
KNTA_ENTITIES	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(1020)	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 (e.g. Project, budget) creating the entry.
SOURCE_ENTITY_PRIMARY_KEY	NULLABLE	NUMBER	Indicates the primary key of the creating entity
TARGET_ENTITY_ID	NULLABLE	NUMBER	Indicates the target entity which the entry is intended for.

Column Name	Null?	Data Type	Description
TARGET_ENTITY_PRIMARY_KEY	NULLABLE	NUMBER	Indicates the primary key of the target entity which the entry is intended for.
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

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_C006115639	UNIQUE	1	PENDING_ROLLUP_ID

Sequences

Sequence Name	Sequence Type
ITG_PENDING_ROLLUPS_S	PENDING_ROLLUP_ID

ITG_SECURABLE_ENTITIES

Lists the securable entities, i.e. entities that have associated access control lists

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
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(1020)	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 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

Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C006115654	UNIQUE	1	SECURABLE_ ENTITY_ID

Sequences

Sequence Name	Sequence Type
ITG_ SECURABLE_ ENTITIES_S	SECURABLE_ ENTITY_ID

ITG_SECURITY_ACES

Associates access control entries with securable entities.

Foreign Keys

This table does not have any Foreign Keys.

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_C006115657	UNIQUE	1	SECURABLE_ENTITY_ID
SYS_C006115657	UNIQUE	2	ELT

Sequences

This table does not use any Sequences.

ITG_SECURITY_GROUP_TRUSTEES

Specifies security group trustees.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_SECURITY_GROUPS	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_C006115660	UNIQUE	1	TRUSTEE_ID
SYS_C006115660	UNIQUE	2	SECURITY_GROUP_ID

Sequences

This table does not use any Sequences.

ITG_SETTINGS_ATTRIBUTES

This table holds the settings information of various entities. Project Type, 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 should not be updated manually
NAME	NOT NULL	VARCHAR2(1020)	Defines name of the attribute
CLASSTYPE	NULLABLE	VARCHAR2(800)	Defines java type of the value
VALUE	NULLABLE	VARCHAR2(4000)	Defines value of the attribute
SOURCE	NULLABLE	VARCHAR2(1020)	Defines source of the entity. Used by migrators
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(1020)	Defines source type code of the entity. Used by migrators
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

Column Name	Null?	Data Type	Description
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_C006115697	UNIQUE	1	SETTINGS_ATTRIBUTE_ID

Sequences

Sequence Name	Sequence Type
ITG_SETTINGS_ATTRIBUTES_S	SETTINGS_ATTRIBUTE_ID

ITG_SETTINGS_CONTAINERS

Table used to store PPM settings containers. This table identifies hierarchy of the containers.

Foreign Keys

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

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 should not be updated manually
CONTAINER_KEY_HASH	NOT NULL	VARCHAR2(128)	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(1020)	Defines source of the entity. Used by migrators
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(1020)	Defines source type of the entity. Used by migrators

Column Name	Null?	Data Type	Description
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

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_C006115705	UNIQUE	1	SETTINGS_CONTAINER_ID
SYS_C006115706	UNIQUE	1	CONTAINER_KEY_HASH

Sequences

Sequence Name	Sequence Type
ITG_SETTINGS_CONTAINERS_S	SETTINGS_CONTAINER_ID

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

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(1020)	Internal use value

Indexes

Index Name	Index Type	Sequence	Column Name
ITG_SETTINGS_CONT_CHLDRN_N1	NONUNIQUE	1	CHILD_CONTAINER
SYS_C006115710	UNIQUE	1	SETTINGS_CONTAINER_ID
SYS_C006115710	UNIQUE	2	CONTAINER_MAP_KEY

Sequences

This table does not use any Sequences.

ITG_SETTINGS_CONT_ATTRS

This table defines relationship between ITG_SETTINGS_CONTAINER and ITG_SETTINGS_ATTRIBUTES.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
ITG_SETTINGS_ATTRIBUTES	SETTINGS_ATTRIBUTE_ID	SETTINGS_ATTRIBUTE_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(1020)	Internal use value

Indexes

Index Name	Index Type	Sequence	Column Name
ITG_SETTINGS_CONT_ATTRS_N1	NONUNIQUE	1	SETTINGS_ATTRIBUTE_ID
SYS_C006115714	UNIQUE	1	SETTINGS_CONTAINER_ID
SYS_C006115714	UNIQUE	2	ATTR_MAP_KEY

Sequences

This table does not use any Sequences.

ITG_TRUSTEE

Trustee is a list of users that 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_SYNCHED_FIELDS	PROJECT_TYPE_ID	PROJECT_TYPE_ID
PM_PROJECT_TYPES	PROJECT_TYPE_ID	PROJECT_TYPE_ID
PM_INDICATOR_POLICIES	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(1020)	The type of entity for which the specified user is a Trustee.
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column should not be updated manually
IS_ENABLED_FLAG	NULLABLE	VARCHAR2(4)	Indicates whether or not the specified trustee is enabled.
CREATED_BY	NOT NULL	NUMBER	Identifier for the user that 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 that last updated the record
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

Index Name	Index Type	Sequence	Column Name
FKB8AEF855EE676123_I	NONUNIQUE	1	PROJECT_ID
SYS_C006115732	UNIQUE	1	TRUSTEE_ID

Sequences

Sequence Name	Sequence Type
ITG_TRUSTEE_S	TRUSTEE_ID

KACC_ACCELERATORS

Contains a row for each installed Accelerator. Installed Accelerators will 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 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
ACCELERATOR_NAME	NOT NULL	VARCHAR2(320)	The long name of the Accelerator. It can contain spaces.
SHORT_NAME	NULLABLE	VARCHAR2(320)	An abbreviation of the accelerator name with no spaces.
DESCRIPTION	NULLABLE	VARCHAR2(960)	Description of the accelerator
ENABLED_FLAG	NOT NULL	VARCHAR2(4)	'Y' if the Accelerator is installed, no otherwise.

Column Name	Null?	Data Type	Description
VERSION	NULLABLE	VARCHAR2(40)	System-generated version for the entity. This column should not be updated manually
ORIGINAL_ENABLED_FLAG	NOT NULL	VARCHAR2(4)	No used. They all will be 'N'
TOKEN_NAME_PREFIX	NOT NULL	VARCHAR2(80)	Prefix used for tokens in the Accelerator specific Environment and User panels.

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

Sequences

This table does not use any Sequences.

KACC_ACCELERATOR_SEED_DATA

This table is only used internally and is not delivered to 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
CROSS_REF_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
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
ACCELERATOR_ID	NULLABLE	NUMBER	Identifier for the accelerator to which the entity belongs
ENTITY_ID	NOT NULL	NUMBER	Identifier of the entity type
ENTITY_PRIMARY_KEY_ID	NOT NULL	NUMBER	Identifier for the entity

Indexes

This table does not use any Indexes.

Sequences

Sequence Name	Sequence Type
KACC_ ACCELERATOR_ SEED_DATA_S	CROSS_REF_ID

KACC_PLUG_TABS

This table holds one row for each Accelerator specific Environment or User tab. The table holds all information needed to instantiate an Accelerator specific tab when the Environment or User screen is opened.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KACC_ACCELERATORS	ACCELERATOR_ID	ACCELERATOR_ID
KNTA_ENTITIES	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 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
PARENT_ENTITY_ID	NOT NULL	NUMBER	The entity id for either Environments or Users.
ACCELERATOR_ID	NOT NULL	NUMBER	Foreign key to KACC_ACCELERATORS
DESCRIPTION	NULLABLE	VARCHAR2(960)	Description of the tab

Column Name	Null?	Data Type	Description
JAVA_CLASS	NOT NULL	VARCHAR2(400)	The class that contains the compiled java code for the Accelerator specific Environment or User panel.

Indexes

Index Name	Index Type	Sequence	Column Name
KACC_PLUG_TABS_U1	UNIQUE	1	PLUG_TAB_ID

Sequences

This table does not use any Sequences.

KACC_PLUG_TAB_INSTANCES

The information in the Accelerator specific Environment and User tabs is held in this table. There is one row per accelerator per 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
KACC_PLUG_TABS	PLUG_TAB_ID	PLUG_TAB_ID
KENV_ENVIRONMENTS	ENVIRONMENT_ID	PARENT_ID
KNTA_USERS	USER_ID	PARENT_ID
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	PARAMETER_SET_CONTEXT_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 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
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

Column Name	Null?	Data Type	Description
ENABLED_FLAG	NOT NULL	VARCHAR2(4)	Determines if the fields in the Environment or User tab are enabled or not.
PARAMETER_SET_CONTEXT_ID	NULLABLE	NUMBER	Foreign key to KNTA_PARAMETER_SET_CONTEXTS
PARAMETER1-50	NULLABLE	VARCHAR2(800)	Environment/User Parameter
VISIBLE_PARAMETER1-50	NULLABLE	VARCHAR2(800)	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

KCRT_CONTACTS

This table holds the contact entities. PPM Center Users can use the information stored in these entities to identify the "contact" person for further 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 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
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
FIRST_NAME	NOT NULL	VARCHAR2(320)	The contact person's first name
LAST_NAME	NOT NULL	VARCHAR2(320)	The contact person's last name
FULL_NAME	NOT NULL	VARCHAR2(800)	The 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(120)	The contact person's phone number
EMAIL_ADDRESS	NULLABLE	VARCHAR2(320)	The contact person's email address
ENABLED_FLAG	NOT NULL	VARCHAR2(4)	Indicates whether or not 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(800)	User data segment
VISIBLE_USER_DATA1-20	NULLABLE	VARCHAR2(800)	User data segment
COMPANY	NULLABLE	VARCHAR2(120)	The 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 is used to migrate contacts between PPMC 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 that created the record

Column Name	Null?	Data Type	Description
FIRST_NAME	NULLABLE	VARCHAR2(120)	The contact person's first name.
LAST_NAME	NULLABLE	VARCHAR2(120)	The contact person's last name.
FULL_NAME	NULLABLE	VARCHAR2(320)	The contact person's full name.
USERNAME	NULLABLE	VARCHAR2(800)	The contact person's username.
PHONE_NUMBER	NULLABLE	VARCHAR2(120)	The contact person's phone number.
EMAIL_ADDRESS	NULLABLE	VARCHAR2(320)	The contact person's email address.
ENABLED_FLAG	NULLABLE	VARCHAR2(4)	Indicates whether or not 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(800)	User data segment
VISIBLE_USER_DATA1-20	NULLABLE	VARCHAR2(800)	User data segment
USER_ID	NULLABLE	NUMBER	Identifier for the user associated with this contact
COMPANY	NULLABLE	VARCHAR2(120)	The 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

Index Name	Index Type	Sequence	Column Name
KCRT_CONTACTS_INT_N2	NONUNIQUE	1	GROUP_ID
KCRT_CONTACTS_INT_N3	NONUNIQUE	1	FULL_NAME

Sequences

This table does not use any 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 picks an issue type.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_REQUEST_TYPES	REQUEST_TYPE_ID	REQUEST_TYPE_ID
KWFL_WORKFLOWS	WORKFLOW_ID	WORKFLOW_ID
KNTA_USERS	USER_ID	ASSIGNED_TO_ID
KNTA_SECURITY_GROUPS	SECURITY_GROUP_ID	ASSIGNED_TO_GROUP_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

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 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
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.

Column Name	Null?	Data Type	Description
DEPARTMENT_CODE	NULLABLE	VARCHAR2(120)	Lookup Code for 'DEPT'.
APPLICATION	NULLABLE	VARCHAR2(120)	Lookup code for 'APPLICATION'
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(4)	Indicates whether or not 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	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	The parent request type id
CMDB_ID	NULLABLE	VARCHAR2(128)	the id of the cmdb
CMDB_DISPLAY_LABEL	NULLABLE	VARCHAR2(1020)	the 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 does not use any Sequences.

KCRT_FG_CMDB_APPLICATION_INT

Table for importing requests that have information about a corresponding CMDB entry into KCRT_FG_CMDB_APPLICATION

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_REQUEST_TYPES	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 kcrd_requests
REQUEST_TYPE_ID	NOT NULL	NUMBER	Request type id of this request
CMDB_ID	NULLABLE	VARCHAR2(128)	the id of the cmdb
CMDB_DISPLAY_LABEL	NULLABLE	VARCHAR2(1020)	the 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 does not use any Sequences.

KCRT_FG_DEMAND_SCHEDULE

KCRT_FG_DEMAND_SCHEDULE stores the demand management scheduling data for requests. If the 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_REQUEST_TYPES	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	Request identifier
REQUEST_TYPE_ID	NOT NULL	NUMBER	The 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 does not use any Sequences.

KCRT_FG_DEMAND_SCHEDULE_INT

KCRT_FG_DEMAND_SCHEDULE_INT is a child table of KCRT_REQUESTS_INT. KCRT_FG_DEMAND_SCHEDULE_INT is used to import data into KCRT_FG_DEMAND_SCHEDULE. 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 also 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	REQUEST_TYPE_ID	REQUEST_TYPE_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 the database processing is done based on this value. The value should be the same as the parent's group_ID in the KCRT_REQUESTS_INT table.
TRANSACTION_ID	NOT NULL	NUMBER	System-generated record identifier

Column Name	Null?	Data Type	Description
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
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 does not use any Sequences.

KCRT_FG_IMPACT_ANALYSIS

This table contains the results of MAM impact analysis report

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_REQUEST_TYPES	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 of this request
MAM_RFC_ID	NULLABLE	VARCHAR2(256)	MAM RFC identifier
IMPACT_RESULT_VALUE	NULLABLE	NUMBER	MAM Impact Result Value
IMPACT_RESULT_MEANING	NULLABLE	VARCHAR2(80)	MAM Impact Result Meaning

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_FG_IMPACT_ANALYSIS_U1	UNIQUE	1	REQUEST_ID

Sequences

This table does not use any Sequences.

KCRT_FG_IMPACT_ANALYSIS_INT

Table for importing MAM-integrated requests

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_REQUEST_TYPES	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	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

Column Name	Null?	Data Type	Description
MAM_RFC_ID	NULLABLE	VARCHAR2(256)	MAM RFC identifier
IMPACT_RESULT_VALUE	NULLABLE	NUMBER	MAM Impact analysis result
IMPACT_RESULT_MEANING	NULLABLE	VARCHAR2(80)	MAM 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 does not use any 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
PM_PROJECTS	PROJECT_ID	REF_MASTER_PROJECT_ID
KCRT_REQUEST_TYPES	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	The 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(1200)	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 does not use any Sequences.

KCRT_FG_MASTER_PROJ_REF_INT

KCRT_FG_MASTER_PROJ_REF_INT is a child table of KCRT_REQUESTS_INT. KCRT_FG_MASTER_PROJ_REF_INT is used to import data into KCRT_FG_MASTER_PROJ_REF. 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 also 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
PM_PROJECTS	PROJECT_ID	REF_MASTER_PROJECT_ID
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_REQUEST_TYPES	REQUEST_TYPE_ID	REQUEST_TYPE_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 the database processing is done based on this value. The value should be the same as the parent's group_ID in the KCRT_REQUESTS_INT table.
TRANSACTION_ID	NOT NULL	NUMBER	System-generated record identifier

Column Name	Null?	Data Type	Description
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
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(320)	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 does not use any Sequences.

KCRT_FG_PFM_ASSET

This table stores PFM asset.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCST_BUDGETS	BUDGET_ID	ASSET_BUDGET_ID
KPMO_BUSINESS_OBJECTIVES	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	REQUEST_TYPE_ID	REQUEST_TYPE_ID
KCST_BENEFITS	BENEFIT_ID	ASSET_BENEFIT_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	NULLABLE	VARCHAR2(1200)	Name for the Asset.
ASSET_HEALTH_CODE	NULLABLE	VARCHAR2(120)	Health information for asset.
ASSET_HEALTH_MEANING	NULLABLE	VARCHAR2(320)	Health meaning for asset.
ASSET_BUSINESS_UNIT_CODE	NULLABLE	VARCHAR2(120)	Business unit code for asset.
ASSET_BUSINESS_UNIT_MEANING	NULLABLE	VARCHAR2(320)	Business unit Meaning for asset.
ASSET_BUSINESS_OBJECTIVE_ID	NULLABLE	NUMBER	Business objective ID for asset.

Column Name	Null?	Data Type	Description
ASSET_ BUSINESS_ OBJECTIVE_ NAME	NULLABLE	VARCHAR2(320)	Business objective name for asset.
ASSET_ PROJECT_ CLASS_ CODE	NULLABLE	VARCHAR2(120)	Project class code for asset.
ASSET_ PROJECT_ CLASS_ MEANING	NULLABLE	VARCHAR2(320)	Project class meaning for asset.
ASSET_ASSET_ CLASS_ CODE	NULLABLE	VARCHAR2(120)	Asset class code for asset.
ASSET_ASSET_ CLASS_ MEANING	NULLABLE	VARCHAR2(320)	Asset class meaning for asset.
ASSET_ PROJECT_ ID	NULLABLE	NUMBER	Project ID for asset.
ASSET_ PROJECT_ NAME	NULLABLE	VARCHAR2(1200)	Project name for asset.
ASSET_ PROJECT_ URL	NULLABLE	VARCHAR2(1000)	Project URL for asset.
ASSET_ BUDGET_ ID	NULLABLE	NUMBER	Budget ID for asset.
ASSET_ BUDGET_ NAME	NULLABLE	VARCHAR2(400)	Budget Name for asset.
ASSET_STAFF_ PROF_ ID	NULLABLE	NUMBER	Staffing profile ID for asset.
ASSET_STAFF_ PROF_ NAME	NULLABLE	VARCHAR2(400)	Staffing profile name for asset.
ASSET_ BENEFIT_ ID	NULLABLE	NUMBER	Financial benefit ID for asset.
ASSET_ BENEFIT_ NAME	NULLABLE	VARCHAR2(400)	Financial benefit 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.

Column Name	Null?	Data Type	Description
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(2000)	Asset dependency code for asset.
ASSET_DEPENDENCIES_MEANING	NULLABLE	VARCHAR2(4000)	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.

Indexes

This table does not use any Indexes.

Sequences

This table does not use any Sequences.

KCRT_FG_PFM_ASSET_INT

Table for importing PFM assets into KCRT_FG_PFM_ASSET.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCST_BENEFITS	BENEFIT_ID	ASSET_BENEFIT_ID
KCST_BUDGETS	BUDGET_ID	ASSET_BUDGET_ID
KPMO_BUSINESS_OBJECTIVES	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	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	Trasnaction 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.

Column Name	Null?	Data Type	Description
ASSET_NAME	NULLABLE	VARCHAR2(1200)	Name for the Asset.
ASSET_HEALTH_CODE	NULLABLE	VARCHAR2(120)	Health information for asset.
ASSET_HEALTH_MEANING	NULLABLE	VARCHAR2(320)	Health meaning for asset.
ASSET_BUSINESS_UNIT_CODE	NULLABLE	VARCHAR2(120)	Business unit code for asset.
ASSET_BUSINESS_UNIT_MEANING	NULLABLE	VARCHAR2(320)	Business unit Meaning for asset.
ASSET_BUSINESS_OBJECTIVE_ID	NULLABLE	NUMBER	Business objective ID for asset.
ASSET_BUSINESS_OBJECTIVE_NAME	NULLABLE	VARCHAR2(320)	Business objective name for asset.
ASSET_PROJECT_CLASS_CODE	NULLABLE	VARCHAR2(120)	Project class code for asset.
ASSET_PROJECT_CLASS_MEANING	NULLABLE	VARCHAR2(320)	Project class meaning for asset.
ASSET_ASSET_CLASS_CODE	NULLABLE	VARCHAR2(120)	Asset class code for asset.
ASSET_ASSET_CLASS_MEANING	NULLABLE	VARCHAR2(320)	Asset class meaning for asset.
ASSET_PROJECT_ID	NULLABLE	NUMBER	Project ID for asset.
ASSET_PROJECT_NAME	NULLABLE	VARCHAR2(1200)	Project name for asset.
ASSET_PROJECT_URL	NULLABLE	VARCHAR2(1000)	Project URL for asset.
ASSET_BUDGET_ID	NULLABLE	NUMBER	Budget ID for asset.
ASSET_BUDGET_NAME	NULLABLE	VARCHAR2(400)	Budget Name for asset.
ASSET_STAFF_PROF_ID	NULLABLE	NUMBER	Staffing profile ID for asset.

Column Name	Null?	Data Type	Description
ASSET_STAFF_PROF_NAME	NULLABLE	VARCHAR2(400)	Staffing profile name for asset.
ASSET_BENEFIT_ID	NULLABLE	NUMBER	Financial benefit ID for asset.
ASSET_BENEFIT_NAME	NULLABLE	VARCHAR2(400)	Financial benefit 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(2000)	Asset dependency code for asset.
ASSET_DEPENDENCIES_MEANING	NULLABLE	VARCHAR2(4000)	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.

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 does not use any Sequences.

KCRT_FG_PFM_PROJECT

Stores PFM projects.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCST_BENEFITS	BENEFIT_ID	PRJ_BENEFIT_ID
KCST_BUDGETS	BUDGET_ID	PRJ_BUDGET_ID
KPMO_BUSINESS_OBJECTIVES	BUSINESS_OBJECTIVE_ID	PRJ_BUSINESS_OBJECTIVE_ID
KNTA_PERIODS	PERIOD_ID	PRJ_PLAN_FINISH_PERIOD_ID
KNTA_PERIODS	PERIOD_ID	PRJ_PLAN_START_PERIOD_ID
KNTA_USERS	USER_ID	PRJ_PROJECT_MANAGER_USER_ID
PM_PROJECTS	PROJECT_ID	PRJ_PROJECT_ID
RSC_STAFFING_PROFILES	STAFFING_PROFILE_ID	PRJ_STAFF_PROF_ID
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_REQUEST_TYPES	REQUEST_TYPE_ID	REQUEST_TYPE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
REQUEST_ID	NOT NULL	NUMBER	Request ID for PFM Projects.
REQUEST_TYPE_ID	NOT NULL	NUMBER	Request Type ID
PROJECT_NAME	NULLABLE	VARCHAR2(1200)	Project name
PROJECT_HEALTH_CODE	NULLABLE	VARCHAR2(120)	Project health info code.

Column Name	Null?	Data Type	Description
PROJECT_HEALTH_MEANING	NULLABLE	VARCHAR2(320)	Project health info meaning
PRJ_BUSINESS_UNIT_CODE	NULLABLE	VARCHAR2(120)	Business unit code for project
PRJ_BUSINESS_UNIT_MEANING	NULLABLE	VARCHAR2(320)	Business unit meaning for project
PRJ_BUSINESS_OBJECTIVE_ID	NULLABLE	NUMBER	Business objective ID for project
PRJ_BUSINESS_OBJECTIVE_NAME	NULLABLE	VARCHAR2(320)	Business objective name for project.
PRJ_PROJECT_CLASS_CODE	NULLABLE	VARCHAR2(120)	Project class code for project
PRJ_PROJECT_CLASS_MEANING	NULLABLE	VARCHAR2(320)	Project class meaning for project
PRJ_ASSET_CLASS_CODE	NULLABLE	VARCHAR2(120)	Asset class code for project
PRJ_ASSET_CLASS_MEANING	NULLABLE	VARCHAR2(320)	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
PRJ_PROJECT_ID	NULLABLE	NUMBER	Project ID for PFM project
PRJ_PROJECT_NAME	NULLABLE	VARCHAR2(1200)	Project name for PFM project
PRJ_PROJECT_URL	NULLABLE	VARCHAR2(1000)	Project URL for PFM project
PRJ_BUDGET_ID	NULLABLE	NUMBER	Budget ID for project
PRJ_BUDGET_NAME	NULLABLE	VARCHAR2(400)	Budget name for project
PRJ_STAFF_PROF_ID	NULLABLE	NUMBER	Staffing profile ID for project
PRJ_STAFF_PROF_NAME	NULLABLE	VARCHAR2(1200)	Staffing profile name for project

Column Name	Null?	Data Type	Description
PRJ_BENEFIT_ID	NULLABLE	NUMBER	Financial benefit ID for project
PRJ_BENEFIT_NAME	NULLABLE	VARCHAR2(400)	Financial benefit 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(400)	The period name of the Planned Start Date for the project
PRJ_PLAN_FINISH_PERIOD_NAME	NULLABLE	VARCHAR2(400)	The period name of the Planned Finish Date for the project
PRJ_DEPENDENCIES_CODE	NULLABLE	VARCHAR2(2000)	Dependency code for PFM project
PRJ_DEPENDENCIES_MEANING	NULLABLE	VARCHAR2(4000)	Dependency meaning for PFM project

Column Name	Null?	Data Type	Description
PRJ_PHASE_CODE	NULLABLE	VARCHAR2(160)	Project phase code for PFM project
PRJ_PHASE_MEANING	NULLABLE	VARCHAR2(600)	Project phase meaning for PFM project

Indexes

This table does not use any Indexes.

Sequences

This table does not use any Sequences.

KCRT_FG_PFM_PROJECT_INT

Table for importing PFM projects into KCRT_FG_PFM_PROJECT.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCST_BENEFITS	BENEFIT_ID	PRJ_BENEFIT_ID
KCST_BUDGETS	BUDGET_ID	PRJ_BUDGET_ID
KPMO_BUSINESS_OBJECTIVES	BUSINESS_OBJECTIVE_ID	PRJ_BUSINESS_OBJECTIVE_ID
KNTA_PERIODS	PERIOD_ID	PRJ_PLAN_FINISH_PERIOD_ID
KNTA_PERIODS	PERIOD_ID	PRJ_PLAN_START_PERIOD_ID
KNTA_USERS	USER_ID	PRJ_PROJECT_MANAGER_USER_ID
PM_PROJECTS	PROJECT_ID	PRJ_PROJECT_ID
RSC_STAFFING_PROFILES	STAFFING_PROFILE_ID	PRJ_STAFF_PROF_ID
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_REQUEST_TYPES	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	Trasnaction ID
PARENT_TRANSACTION_ID	NOT NULL	NUMBER	Parent transaction ID. This is usually request transaction ID.

Column Name	Null?	Data Type	Description
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
PROJECT_NAME	NULLABLE	VARCHAR2(1200)	Project name
PROJECT_ HEALTH_CODE	NULLABLE	VARCHAR2(120)	Project health info code, derived from PRJ_CALCULATED_HEALTH_CODE and PRJ_OVERRIDDEN_HEALTH_CODE.
PROJECT_ HEALTH_ MEANING	NULLABLE	VARCHAR2(320)	Project health info meaning, derived from PRJ_CALCULATED_HEALTH_MEANING and PRJ_OVERRIDDEN_HEALTH_MEANING.
PRJ_BUSINESS_ UNIT_CODE	NULLABLE	VARCHAR2(120)	Business unit code for project
PRJ_BUSINESS_ UNIT_MEANING	NULLABLE	VARCHAR2(320)	Business unit meaning for project
PRJ_BUSINESS_ OBJECTIVE_ID	NULLABLE	NUMBER	Business objective ID for project
PRJ_BUSINESS_ OBJECTIVE_ NAME	NULLABLE	VARCHAR2(320)	Business objective name for project.
PRJ_PROJECT_ CLASS_CODE	NULLABLE	VARCHAR2(120)	Project class code for project
PRJ_PROJECT_ CLASS_ MEANING	NULLABLE	VARCHAR2(320)	Project class meaning for project
PRJ_ASSET_ CLASS_CODE	NULLABLE	VARCHAR2(120)	Asset class code for project

Column Name	Null?	Data Type	Description
PRJ_ASSET_ CLASS_ MEANING	NULLABLE	VARCHAR2(320)	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
PRJ_PROJECT_ ID	NULLABLE	NUMBER	Project ID for PFM project
PRJ_PROJECT_ NAME	NULLABLE	VARCHAR2(1200)	Project name for PFM project
PRJ_PROJECT_ URL	NULLABLE	VARCHAR2(1000)	Project URL for PFM project
PRJ_BUDGET_ID	NULLABLE	NUMBER	Budget ID for project
PRJ_BUDGET_ NAME	NULLABLE	VARCHAR2(400)	Budget name for project
PRJ_STAFF_ PROF_ID	NULLABLE	NUMBER	Staffing profile ID for project
PRJ_STAFF_ PROF_NAME	NULLABLE	VARCHAR2(400)	Staffing profile name for project
PRJ_BENEFIT_ID	NULLABLE	NUMBER	Financial benefit ID for project
PRJ_BENEFIT_ NAME	NULLABLE	VARCHAR2(400)	Financial benefit 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.

Column Name	Null?	Data Type	Description
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(400)	The period name of the Planned Start Date for the project
PRJ_PLAN_FINISH_PERIOD_NAME	NULLABLE	VARCHAR2(400)	The period name of the Planned Finish Date for the project
PRJ_PHASE_CODE	NULLABLE	VARCHAR2(160)	Project phase code for PFM project
PRJ_PHASE_MEANING	NULLABLE	VARCHAR2(600)	Project phase meaning for PFM project
PRJ_DEPENDENCIES_CODE	NULLABLE	VARCHAR2(2000)	Dependency code for PFM project
PRJ_DEPENDENCIES_MEANING	NULLABLE	VARCHAR2(4000)	Dependency meaning for PFM project

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
KCST_BENEFITS	BENEFIT_ID	PROP_BENEFIT_ID
KCST_BUDGETS	BUDGET_ID	PROP_BUDGET_ID
KPMO_BUSINESS_OBJECTIVES	BUSINESS_OBJECTIVE_ID	PROP_BUSINESS_OBJECTIVE_ID
KNTA_PERIODS	PERIOD_ID	PROP_PLAN_FINISH_PERIOD_ID
KNTA_PERIODS	PERIOD_ID	PROP_PLAN_START_PERIOD_ID
KNTA_USERS	USER_ID	PROP_PROJECT_MANAGER_USER_ID
PM_PROJECTS	PROJECT_ID	PROP_PROJECT_ID
RSC_STAFFING_PROFILES	STAFFING_PROFILE_ID	PROP_STAFF_PROF_ID
KCRT_REQUEST_TYPES	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	NULLABLE	VARCHAR2(1200)	Proposal name
PROP_BUSINESS_UNIT_CODE	NULLABLE	VARCHAR2(120)	Business unit code for proposal

Column Name	Null?	Data Type	Description
PROP_ BUSINESS_ UNIT_MEANING	NULLABLE	VARCHAR2(320)	Business unit meaning for proposal
PROP_ BUSINESS_ OBJECTIVE_ID	NULLABLE	NUMBER	Business objective ID for proposal
PROP_ BUSINESS_ OBJECTIVE_ NAME	NULLABLE	VARCHAR2(320)	Business objective name for proposal
PROP_ PROJECT_ CLASS_CODE	NULLABLE	VARCHAR2(120)	Project class code for proposal
PROP_ PROJECT_ CLASS_ MEANING	NULLABLE	VARCHAR2(320)	Project class meaning for proposal
PROP_ASSET_ CLASS_CODE	NULLABLE	VARCHAR2(120)	Asset class code for proposal
PROP_ASSET_ CLASS_ MEANING	NULLABLE	VARCHAR2(320)	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_BUDGET_ ID	NULLABLE	NUMBER	Budget ID for proposal
PROP_BUDGET_ NAME	NULLABLE	VARCHAR2(400)	Budget name for proposal
PROP_STAFF_ PROF_ID	NULLABLE	NUMBER	Staffing profile ID for proposal
PROP_STAFF_ PROF_NAME	NULLABLE	VARCHAR2(400)	Staffing profile name for proposal
PROP_BENEFIT_ ID	NULLABLE	NUMBER	Financial benefit ID for proposal
PROP_BENEFIT_ NAME	NULLABLE	VARCHAR2(400)	Financial benefit name for proposal

Column Name	Null?	Data Type	Description
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	The period id of the Planned Start Date for the proposal
PROP_PLAN_FINISH_PERIOD_ID	NULLABLE	NUMBER	The period id of the Planned Finish Date for the proposal
PROP_PLAN_START_PERIOD_NAME	NULLABLE	VARCHAR2(400)	The period name of the Planned Start Date for the proposal
PROP_PLAN_FINISH_PERIOD_NAME	NULLABLE	VARCHAR2(400)	The period name of the Planned Finish Date for the proposal
PROP_PROJECT_ID	NULLABLE	NUMBER	Project ID for proposal
PROP_PROJECT_NAME	NULLABLE	VARCHAR2(1200)	Project name for proposal
PROP_DEPENDENCIES_CODE	NULLABLE	VARCHAR2(2000)	Dependency code for proposal
PROP_DEPENDENCIES_MEANING	NULLABLE	VARCHAR2(4000)	Dependency meaning for proposal

Column Name	Null?	Data Type	Description
PROP_PROJECT_TYPE_ID	NULLABLE	NUMBER	Project type id for proposal
PROP_PROJECT_TYPE_NAME	NULLABLE	VARCHAR2(4000)	Project type name for proposal
PROP_REGION_ID	NULLABLE	NUMBER	Region ID for proposal
PROP_REGION_NAME	NULLABLE	VARCHAR2(4000)	Region name for proposal

Indexes

This table does not use any Indexes.

Sequences

This table does not use any Sequences.

KCRT_FG_PFM_PROPOSAL_INT

Table for importing PFM proposals into KCRT_FG_PFM_PROPOSAL.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCST_BENEFITS	BENEFIT_ID	PROP_BENEFIT_ID
KCST_BUDGETS	BUDGET_ID	PROP_BUDGET_ID
KPMO_BUSINESS_OBJECTIVES	BUSINESS_OBJECTIVE_ID	PROP_BUSINESS_OBJECTIVE_ID
KNTA_PERIODS	PERIOD_ID	PROP_PLAN_FINISH_PERIOD_ID
KNTA_PERIODS	PERIOD_ID	PROP_PLAN_START_PERIOD_ID
KNTA_USERS	USER_ID	PROP_PROJECT_MANAGER_USER_ID
PM_PROJECTS	PROJECT_ID	PROP_PROJECT_ID
RSC_STAFFING_PROFILES	STAFFING_PROFILE_ID	PROP_STAFF_PROF_ID
KCRT_REQUEST_TYPES	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	Trasnaction ID

Column Name	Null?	Data Type	Description
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
REQUEST_TYPE_ID	NULLABLE	NUMBER	Request Type ID
PROPOSAL_NAME	NULLABLE	VARCHAR2(1200)	Proposal name
PROP_BUSINESS_UNIT_CODE	NULLABLE	VARCHAR2(120)	Business unit code for proposal
PROP_BUSINESS_UNIT_MEANING	NULLABLE	VARCHAR2(320)	Business unit meaning for proposal
PROP_BUSINESS_OBJECTIVE_ID	NULLABLE	NUMBER	Business objective ID for proposal
PROP_BUSINESS_OBJECTIVE_NAME	NULLABLE	VARCHAR2(320)	Business objective name for proposal
PROP_PROJECT_CLASS_CODE	NULLABLE	VARCHAR2(120)	Project class code for proposal
PROP_PROJECT_CLASS_MEANING	NULLABLE	VARCHAR2(320)	Project class meaning for proposal
PROP_ASSET_CLASS_CODE	NULLABLE	VARCHAR2(120)	Asset class code for proposal
PROP_ASSET_CLASS_MEANING	NULLABLE	VARCHAR2(320)	Asset class meaning for proposal
PROP_PROJECT_MANAGER_USER_ID	NULLABLE	VARCHAR2(4000)	Project manager for proposal

Column Name	Null?	Data Type	Description
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(400)	Project type name for proposal
PROP_BUDGET_ID	NULLABLE	NUMBER	Budget ID for proposal
PROP_BUDGET_NAME	NULLABLE	VARCHAR2(400)	Budget name for proposal
PROP_STAFF_PROF_ID	NULLABLE	NUMBER	Staffing profile ID for proposal
PROP_STAFF_PROF_NAME	NULLABLE	VARCHAR2(400)	Staffing profile name for proposal
PROP_BENEFIT_ID	NULLABLE	NUMBER	Financial benefit ID for proposal
PROP_BENEFIT_NAME	NULLABLE	VARCHAR2(400)	Financial benefit 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	The period id of the Planned Start Date for the proposal

Column Name	Null?	Data Type	Description
PROP_PLAN_FINISH_PERIOD_ID	NULLABLE	NUMBER	The period id of the Planned Finish Date for the proposal
PROP_PLAN_START_PERIOD_NAME	NULLABLE	VARCHAR2(400)	The period name of the Planned Start Date for the proposal
PROP_PLAN_FINISH_PERIOD_NAME	NULLABLE	VARCHAR2(400)	The period name of the Planned Finish Date for the proposal
PROP_PROJECT_ID	NULLABLE	NUMBER	Project ID for proposal
PROP_PROJECT_NAME	NULLABLE	VARCHAR2(1200)	Project name for proposal
PROP_REGION_ID	NULLABLE	NUMBER	Region ID for proposal
PROP_REGION_NAME	NULLABLE	VARCHAR2(4000)	Region name for proposal
PROP_DEPENDENCIES_CODE	NULLABLE	VARCHAR2(2000)	Dependency code for proposal
PROP_DEPENDENCIES_MEANING	NULLABLE	VARCHAR2(4000)	Dependency meaning for proposal

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 does not use any Sequences.

KCRT_FG_PROG_ISSUE

If the PMO Program Issue 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	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	The 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 does not use any Sequences.

KCRT_FG_PROG_ISSUE_INT

KCRT_FG_PROG_ISSUE_INT is a child table of KCRT_REQUESTS_INT. KCRT_FG_PROG_ISSUE_INT is used to import data into KCRT_FG_PROG_ISSUE. 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 also 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	REQUEST_TYPE_ID	REQUEST_TYPE_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 the database processing is done based on this value. The value should be the same as the parent's group_ID in the KCRT_REQUESTS_INT table.
TRANSACTION_ID	NOT NULL	NUMBER	System-generated record identifier

Column Name	Null?	Data Type	Description
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

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 does not use any 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

Primary Key Table	Primary Key Column	Foreign Key Column
PM_PROJECTS_ CONTAINERS	PROJECTS_ CONTAINER_ID	REF_PROGRAM_ ID
KCRT_ REQUEST_ TYPES	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	The request type used by the request
REF_PROGRAM_ ID	NULLABLE	NUMBER	The 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(320)	The 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 does not use any Sequences.

KCRT_FG_PROG_REFERENCE_INT

KCRT_FG_PROG_REFERENCE_INT is a child table of KCRT_REQUESTS_INT. KCRT_FG_PROG_REFERENCE_INT is used to import data into KCRT_FG_PROG_REFERENCE. 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 also 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
PM_PROJECTS_CONTAINERS	PROJECTS_CONTAINER_ID	REF_PROGRAM_ID
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_REQUEST_TYPES	REQUEST_TYPE_ID	REQUEST_TYPE_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 the database processing is done based on this value. The value should be the same as the parent's group_ID in the KCRT_REQUESTS_INT table.
TRANSACTION_ID	NOT NULL	NUMBER	System-generated record identifier

Column Name	Null?	Data Type	Description
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
REF_PROGRAM_ID	NULLABLE	NUMBER	The 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(320)	The 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 does not use any 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

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_REQUEST_TYPES	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	The request type used by the request
ROLE_DESCRIPTION_CODE	NULLABLE	VARCHAR2(4000)	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 does not use any Sequences.

KCRT_FG_PROG_RESOURCE_REQ_INT

KCRT_FG_PROG_RESOURCE_REQ_INT is a child table of KCRT_REQUESTS_INT. KCRT_FG_PROG_RESOURCE_REQ_INT 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 also 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	REQUEST_TYPE_ID	REQUEST_TYPE_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 the database processing is done based on this value. The value should be the same as the parent's group_ID in the KCRT_REQUESTS_INT table.
TRANSACTION_ID	NOT NULL	NUMBER	System-generated record identifier

Column Name	Null?	Data Type	Description
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(4000)	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 does not use any 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

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_REQUEST_TYPES	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
ESCALATION_LEVEL_CODE	NULLABLE	VARCHAR2(800)	Specifies the code for the escalation level
ESCALATION_LEVEL_MEANING	NULLABLE	VARCHAR2(800)	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 does not use any Sequences.

KCRT_FG_PROJ_ISSUE_INT

Table for importing Project issues into KCRT_FG_PROJ_ISSUE

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_REQUESTS_INT	TRANSACTION_ID	PARENT_TRANSACTION_ID
KCRT_FG_DEMAND_SCHEDULE	REQUEST_ID	REQUEST_ID
KCRT_FG_CMDB_APPLICATION	REQUEST_ID	REQUEST_ID
KCRT_FG_MASTER_PROJ_REF	REQUEST_ID	REQUEST_ID
KCRT_FG_IMPACT_ANALYSIS	REQUEST_ID	REQUEST_ID
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_FG_WORK_ITEMS	REQUEST_ID	REQUEST_ID
KCRT_FG_SLA	REQUEST_ID	REQUEST_ID
KCRT_FG_SERVICE_REQUEST	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_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	REQUEST_TYPE_ID	REQUEST_TYPE_ID
KRSC_ORG_UNITS_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
KWFL_STEP_TRANSITIONS_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	NOT NULL	NUMBER	System-generated identifier
TRANSACTION_ID	NOT NULL	NUMBER	Provides a unique identifier for each transaction

Column Name	Null?	Data Type	Description
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(800)	Specifies the code for the escalation level
ESCALATION_LEVEL_MEANING	NULLABLE	VARCHAR2(800)	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 does not use any 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

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_REQUEST_TYPES	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
PROBABILITY_CODE	NULLABLE	VARCHAR2(800)	Specifies the probability code of the project risk
PROBABILITY_MEANING	NULLABLE	VARCHAR2(800)	Specifies the description of the project risk
RISK_IMPACT_LEVEL_CODE	NULLABLE	VARCHAR2(800)	Specifies the code for the impact level of the project risk
RISK_IMPACT_LEVEL_MEANING	NULLABLE	VARCHAR2(800)	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 does not use any Sequences.

KCRT_FG_PROJ_RISK_INT

Table for importing Project risks into KCRF_FG_PROJ_RISK

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
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_REQUESTS_INT	TRANSACTION_ID	PARENT_TRANSACTION_ID
KCRT_FG_DEMAND_SCHEDULE	REQUEST_ID	REQUEST_ID
KCRT_FG_SERVICE_REQUEST	REQUEST_ID	REQUEST_ID
KCRT_FG_PFM_ASSET	REQUEST_ID	REQUEST_ID
KCRT_FG_PFM_PROJECT	REQUEST_ID	REQUEST_ID
KCRT_FG_SLA	REQUEST_ID	REQUEST_ID
KCRT_FG_PFM_PROPOSAL	REQUEST_ID	REQUEST_ID
KCRT_FG_PROG_ISSUE	REQUEST_ID	REQUEST_ID
KCRT_FG_WORK_ITEMS	REQUEST_ID	REQUEST_ID
KCRT_FG_PROG_REFERENCE	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_PROJ_ISSUE	REQUEST_ID	REQUEST_ID
KCRT_FG_PROJ_RISK	REQUEST_ID	REQUEST_ID
KCRT_FG_IMPACT_ANALYSIS	REQUEST_ID	REQUEST_ID
KCRT_FG_MASTER_PROJ_REF	REQUEST_ID	REQUEST_ID
KCRT_FG_CMDB_APPLICATION	REQUEST_ID	REQUEST_ID
KCRT_REQUEST_TYPES	REQUEST_TYPE_ID	REQUEST_TYPE_ID
KNTA_USER_SECURITY_INT	TRANSACTION_ID	TRANSACTION_ID
KRSC_ORG_UNITS_INT	TRANSACTION_ID	TRANSACTION_ID
KRSC_ORG_UNIT_MEMBERS_INT	TRANSACTION_ID	TRANSACTION_ID
KWFL_STEP_TRANSITIONS_INT	TRANSACTION_ID	TRANSACTION_ID
KWFL_TRANSACTIONS_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	Provides a unique identifier for each transaction

Column Name	Null?	Data Type	Description
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(800)	Specifies the probability code of the project risk
PROBABILITY_MEANING	NULLABLE	VARCHAR2(800)	Specifies the description of the project risk
RISK_IMPACT_LEVEL_CODE	NULLABLE	VARCHAR2(800)	Specifies the code for the impact level of the project risk
RISK_IMPACT_LEVEL_MEANING	NULLABLE	VARCHAR2(800)	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 does not use any 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

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_REQUEST_TYPES	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
IMPACT_SEVERITY_CODE	NULLABLE	VARCHAR2(800)	Specifies the severity code for the impact of the scope change
IMPACT_SEVERITY_MEANING	NULLABLE	VARCHAR2(800)	Specifies the description of the severity impact of the scope change
CR_LEVEL_CODE	NULLABLE	VARCHAR2(800)	Specifies the code for the change request importance level of the scope change
CR_LEVEL_MEANING	NULLABLE	VARCHAR2(800)	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 does not use any Sequences.

KCRT_FG_PROJ_SCOPE_CHANGE_INT

Table for importing Project Scope Changes into KCRF_FG_PROJ_SCOPE_CHANGE

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_REQUESTS_INT	TRANSACTION_ID	PARENT_TRANSACTION_ID
KCRT_FG_DEMAND_SCHEDULE	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
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_FG_SERVICE_REQUEST	REQUEST_ID	REQUEST_ID
KCRT_FG_SLA	REQUEST_ID	REQUEST_ID

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_FG_WORK_ITEMS	REQUEST_ID	REQUEST_ID
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_FG_IMPACT_ANALYSIS	REQUEST_ID	REQUEST_ID
KCRT_FG_MASTER_PROJ_REF	REQUEST_ID	REQUEST_ID
KCRT_FG_CMDB_APPLICATION	REQUEST_ID	REQUEST_ID
KCRT_REQUEST_TYPES	REQUEST_TYPE_ID	REQUEST_TYPE_ID
KNTA_USER_SECURITY_INT	TRANSACTION_ID	TRANSACTION_ID
KRSC_ORG_UNITS_INT	TRANSACTION_ID	TRANSACTION_ID
KRSC_ORG_UNIT_MEMBERS_INT	TRANSACTION_ID	TRANSACTION_ID
KWFL_STEP_TRANSITIONS_INT	TRANSACTION_ID	TRANSACTION_ID
KWFL_TRANSACTIONS_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	Provides a unique identifier for each transaction

Column Name	Null?	Data Type	Description
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(800)	Specifies the severity code for the impact of the scope change
IMPACT_SEVERITY_MEANING	NULLABLE	VARCHAR2(800)	Specifies the description of the severity impact of the scope change
CR_LEVEL_CODE	NULLABLE	VARCHAR2(800)	Specifies the code for the change request importance level of the scope change
CR_LEVEL_MEANING	NULLABLE	VARCHAR2(800)	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

Index Name	Index Type	Sequence	Column Name
KCRT_FG_ PROJ_SC_INT_ N1	NONUNIQUE	2	TRANSACTION_ ID

Sequences

This table does not use any Sequences.

KCRT_FG_QC_DEFECT_INFO

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

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_REQUEST_TYPES	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(512)	Quality Center Domain/Project that contains the defect
QC_DEFECT_PROJECT	NULLABLE	VARCHAR2(256)	Quality Center Domain/Project that contains the defect
QC_DEFECT_ASSIGN_TO_USER	NULLABLE	VARCHAR2(256)	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(2000)	Quality Center defect status
QC_DEFECT_ATTACHMENT_URL	NULLABLE	VARCHAR2(800)	A link to the Quality Center defect's attachments

Column Name	Null?	Data Type	Description
QC_DEFECT_INT_MSG	NULLABLE	VARCHAR2(1200)	A message informing of the status of last synchronization (failed / succeeded, errors encountered, etc)
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(256)	ID of the Quality Center user (assigned to)
QC_DEFECT_INSTANCE	NULLABLE	VARCHAR2(800)	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(800)	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 does not use any Sequences.

KCRT_FG_QC_DEFECT_INFO_INT

Table for importing requests that have information about a corresponding Quality Center defect into KCRT_FG_QC_DEFECT_INFO

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	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(512)	Quality Center Domain name
QC_DEFECT_PROJECT	NULLABLE	VARCHAR2(256)	Quality Center Project name
QC_DEFECT_ASSIGN_TO_USER	NULLABLE	VARCHAR2(256)	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(2000)	Quality Center Defect status (BUG.BG_STATUS)
QC_DEFECT_ATTACHMENT_URL	NULLABLE	VARCHAR2(800)	Link to Quality Center defect attachments
QC_DEFECT_INT_MSG	NULLABLE	VARCHAR2(1200)	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 IT Governance Center, the request is updated in IT Governance Center by Quality Center, or IT Governance 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(256)	Quality Center assigned to user ID
QC_DEFECT_INSTANCE	NULLABLE	VARCHAR2(800)	URL of the Quality Center server (instance)
QC_DEFECT_INSTANCE_ID	NULLABLE	NUMBER	ID of the Quality Center instance

Column Name	Null?	Data Type	Description
QC_DEFECT_ ATT_URL_ID	NULLABLE	VARCHAR2(800)	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 does not use any Sequences.

KCRT_FG_QC_INFO

This table contains 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	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(512)	Quality Center Domain name
QC_PROJECT	NULLABLE	VARCHAR2(256)	Quality Center Project name
QC_REQUIREMENTS_COVERAGE	NULLABLE	NUMBER	The percentage of tests planned for this requirement that have been run.
QC_OPEN_DEFECTS	NULLABLE	NUMBER	The 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(800)	The username of the user to whom the defect has been assigned in Quality Center.

Column Name	Null?	Data Type	Description
QC_ASSIGNED_TO_USER_ID	NULLABLE	VARCHAR2(256)	The ID of the user to whom the defect has been assigned in Quality Center.
QC_REQUIREMENT_NO	NULLABLE	NUMBER	The number of the requirement in Quality Center.
QC_REQUIREMENT_STATUS	NULLABLE	VARCHAR2(400)	The status of the requirement in Quality Center.
QC_REQUIREMENT_INT_MSG	NULLABLE	VARCHAR2(2000)	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 IT Governance Center, the request is updated in IT Governance Center by Quality Center, or IT Governance Center attempts to update Quality Center but encounters an error.
QC_REQUIREMENT_ATTACHMENT_URL	NULLABLE	VARCHAR2(800)	Link to the documents attached to the requirement in Quality Center
QC_INSTANCE	NULLABLE	VARCHAR2(800)	The URL of the Quality Center server (instance)

Column Name	Null?	Data Type	Description
QC_INSTANCE_ID	NULLABLE	NUMBER	The ID of the Quality Center server (instance)
QC_DASHBOARD_SUBJECT	NULLABLE	VARCHAR2(1020)	The name of the Quality Center Dashboard subject mapped to the Quality Center project that contains this defect
QC_REQUIREMENT_ATT_URL_ID	NULLABLE	VARCHAR2(800)	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 does not use any Sequences.

KCRT_FG_QC_INFO_INT

Table for importing requests that are integrated with Quality Center server into KCRT_FG_QC_INFO

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	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 should 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

Column Name	Null?	Data Type	Description
REQUEST_TYPE_ID	NULLABLE	NUMBER	Request Type id used by this Request
QC_DOMAIN	NULLABLE	VARCHAR2(512)	Quality Center Domain name
QC_PROJECT	NULLABLE	VARCHAR2(256)	Quality Center Project name
QC_REQUIREMENTS_COVERAGE	NULLABLE	NUMBER	The percentage of tests planned for this requirement that have been run.
QC_OPEN_DEFECTS	NULLABLE	NUMBER	The 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(800)	The username of the user to whom the defect has been assigned in Quality Center.
QC_ASSIGNED_TO_USER_ID	NULLABLE	VARCHAR2(256)	The ID of the user to whom the defect has been assigned in Quality Center.
QC_REQUIREMENT_NO	NULLABLE	NUMBER	The number of the requirement in Quality Center.
QC_REQUIREMENT_STATUS	NULLABLE	VARCHAR2(400)	The status of the requirement in Quality Center.

Column Name	Null?	Data Type	Description
QC_REQUIREMENT_INT_MSG	NULLABLE	VARCHAR2(2000)	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 IT Governance Center, the request is updated in IT Governance Center by Quality Center, or IT Governance Center attempts to update Quality Center but encounters an error.
QC_REQUIREMENT_ATTACHMENT_URL	NULLABLE	VARCHAR2(800)	Link to the documents attached to the requirement in Quality Center
QC_INSTANCE	NULLABLE	VARCHAR2(800)	The URL of the Quality Center server (instance)
QC_INSTANCE_ID	NULLABLE	NUMBER	The ID of the Quality Center server (instance)
QC_DASHBOARD_SUBJECT	NULLABLE	VARCHAR2(1020)	The name of the Quality Center Dashboard subject mapped to the Quality Center project that contains this defect.

Column Name	Null?	Data Type	Description
QC_REQUIREMENT_ATT_URL_ID	NULLABLE	VARCHAR2(800)	Quality Center requirement attachments URL

Indexes

This table does not use any Indexes.

Sequences

This table does not use any Sequences.

KCRT_FG_SERVICE_REQUEST

This table contains information about service catalog requests

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_REQUEST_TYPES	REQUEST_TYPE_ID	REQUEST_TYPE_ID
KNTA_SERVICES	SERVICE_ID	SERVICE_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 identifier
REQUESTED_BY	NULLABLE	NUMBER	User ID of the user who created this request
REQUESTED_BY_NAME	NULLABLE	VARCHAR2(800)	Name of the user who created the request
REQUESTED_FOR	NULLABLE	NUMBER	User ID of for whom this request was created
REQUESTED_FOR_NAME	NULLABLE	VARCHAR2(800)	User name of for whom this request was created
QUANTITY	NULLABLE	NUMBER	Quantity of items (if any) requested
CATALOG_NAME	NULLABLE	VARCHAR2(800)	Name of the catalog from which the request originated
SERVICE_ID	NULLABLE	VARCHAR2(400)	ID of the service or item requested (itg_service_items)

Column Name	Null?	Data Type	Description
SERVICE_NAME	NULLABLE	VARCHAR2(800)	Name of the service or item requested
PRICE	NULLABLE	NUMBER	Price of the service or item requested
ORDER_ID	NULLABLE	NUMBER	system-generated identifier for this order
SEQ	NULLABLE	NUMBER	the sequence number of this item within this service/ item order
TIME_ESTIMATE	NULLABLE	VARCHAR2(800)	Estimated time when order will be completed

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_FG_SERVICE_REQUEST_U1	UNIQUE	1	REQUEST_ID

Sequences

This table does not use any Sequences.

KCRT_FG_SERVICE_REQUEST_INT

Table for importing service catalog requests

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_REQUESTS_INT	TRANSACTION_ID	PARENT_TRANSACTION_ID
KCRT_REQUEST_TYPES	REQUEST_TYPE_ID	REQUEST_TYPE_ID
KNTA_SERVICES	SERVICE_ID	SERVICE_ID
KCRT_REQUESTS	REQUEST_ID	REQUEST_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	Request id
REQUEST_TYPE_ID	NOT NULL	NUMBER	Request type identifier
REQUESTED_BY	NULLABLE	NUMBER	User ID of the user who created this request
REQUESTED_BY_NAME	NULLABLE	VARCHAR2(800)	Name of the user who created the request
REQUESTED_FOR	NULLABLE	NUMBER	User ID of for whom this request was created

Column Name	Null?	Data Type	Description
REQUESTED_FOR_NAME	NULLABLE	VARCHAR2(800)	User name of for whom this request was created
QUANTITY	NULLABLE	NUMBER	Quantity of items (if any) requested
CATALOG_NAME	NULLABLE	VARCHAR2(800)	Name of the catalog from which the request originated
SERVICE_ID	NULLABLE	VARCHAR2(400)	ID of the service or item requested (itg_service_items)
SERVICE_NAME	NULLABLE	VARCHAR2(800)	Name of the service or item requested
PRICE	NULLABLE	NUMBER	Price of the service or item requested
ORDER_ID	NULLABLE	NUMBER	system-generated identifier for this order
SEQ	NULLABLE	NUMBER	the sequence number of this item within this service/ item order
TIME_ESTIMATE	NULLABLE	VARCHAR2(800)	Estimated time when order will be completed

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_FG_SERVICE_REQUEST_INT_N1	NONUNIQUE	1	GROUP_ID
KCRT_FG_SERVICE_REQUEST_INT_N1	NONUNIQUE	2	TRANSACTION_ID

Sequences

This table does not use any Sequences.

KCRT_FG_SLA

If the '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	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	The request type used by the request
SERVICE_REQUESTED_DATE	NULLABLE	DATE	Date that the service was requested
SLA_LEVEL_CODE	NULLABLE	VARCHAR2(120)	Service level agreement level: see lookup type 'DEM - SLA Level'
SLA_LEVEL	NULLABLE	VARCHAR2(400)	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 does not use any Sequences.

KCRT_FG_SLA_INT

KCRT_FG_SLA_INT is a child table of KCRT_REQUESTS_INT. KCRT_FG_SLA_INT is used to import data into KCRT_FG_SLA. 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 also 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	REQUEST_TYPE_ID	REQUEST_TYPE_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 the database processing is done based on this value. The value should be the same as the parent's group_ID in the KCRT_REQUESTS_INT table.
TRANSACTION_ID	NOT NULL	NUMBER	System-generated record identifier

Column Name	Null?	Data Type	Description
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
SERVICE_REQUESTED_DATE	NULLABLE	DATE	Date that the service was requested
SLA_LEVEL_CODE	NULLABLE	VARCHAR2(120)	Service level agreement level: see lookup type 'DEM - SLA Level'
SLA_LEVEL	NULLABLE	VARCHAR2(400)	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 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	ROLE_ID	ROLE_ID
KCRT_REQUEST_TYPES	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	The request type used by the request
WORKLOAD_FLAG	NULLABLE	VARCHAR2(4)	'Y' or 'N'. Determines if this Request should be considered workload in visualizations.
WORKLOAD_FLAG_MEANING	NULLABLE	VARCHAR2(800)	Meaning for workload_flag.
WORKLOAD_CATEGORY_CODE	NULLABLE	VARCHAR2(120)	Lookup code for 'RSC - Workload Category Code'
WORKLOAD_CATEGORY_MEANING	NULLABLE	VARCHAR2(800)	Lookup meaning for 'RSC - Workload Category Code'
ALLOW_EXTERNAL_UPDATE_FLAG	NULLABLE	VARCHAR2(4)	'Y' or 'N'. Determines if this request can be updated by Time Management.
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	The date on which work on the Request is scheduled to commence.
SCHEDULED_FINISH_DATE	NULLABLE	DATE	The date on which work on the Request is scheduled to conclude.
SCHEDULED Effort	NULLABLE	NUMBER	The number of hours estimated to be worked on the Request.
SCHEDULED_Duration	NULLABLE	NUMBER	The 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	The date on which work on the Request commenced.
ACTUAL_FINISH_DATE	NULLABLE	DATE	The date on which work on the Request concluded.
ACTUAL Effort	NULLABLE	NUMBER	The number of hours worked on the Request.

Column Name	Null?	Data Type	Description
ACTUAL_DURATION	NULLABLE	NUMBER	The 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/Duration. Used for defaulting logic.
ROLE_ID	NULLABLE	NUMBER	Identifies the role of the Resource that is assigned to the item.
ROLE_NAME	NULLABLE	VARCHAR2(800)	Defines the 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 does not use any Sequences.

KCRT_FG_WORK_ITEMS_INT

KCRT_FG_WORK_ITEMS_INT is a child table of KCRT_REQUESTS_INT. KCRT_FG_WORK_ITEMS_INT is used to import data into KCRT_FG_WORK_ITEMS. 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 also 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
KWFL_TRANSACTIONS_INT	TRANSACTION_ID	PARENT_TRANSACTION_ID
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_REQUEST_TYPES	REQUEST_TYPE_ID	REQUEST_TYPE_ID
RSC_ROLES	ROLE_ID	ROLE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
WORK_ITEM_INTERFACE_ID	NULLABLE	NUMBER	System generated id.
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 should be the same as the parent's group_ID in the KCRT_REQUESTS_INT table.

Column Name	Null?	Data Type	Description
TRANSACTION_ID	NULLABLE	NUMBER	System-generated record identifier
PARENT_TRANSACTION_ID	NULLABLE	NUMBER	Links this table to TRANSACTION_ID in KCRT_REQUESTS_INT
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(4)	'Y' or 'N'. Determines if this Request should be considered workload in visualizations.
WORKLOAD_FLAG_MEANING	NULLABLE	VARCHAR2(800)	Meaning for workload_flag ('Y' or 'N')
WORKLOAD_CATEGORY_CODE	NULLABLE	VARCHAR2(120)	Lookup code for 'RSC - Workload Category Code'
WORKLOAD_CATEGORY_MEANING	NULLABLE	VARCHAR2(800)	Lookup meaning for 'RSC - Workload Category Code'

Column Name	Null?	Data Type	Description
ALLOW_EXTERNAL_UPDATE_FLAG	NULLABLE	VARCHAR2(4)	'Y' or 'N'. Determines if this request can be updated by Time Management.
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	The date on which work on the Request is scheduled to commence.
SCHEDULED_FINISH_DATE	NULLABLE	DATE	The date on which work on the Request is scheduled to conclude.
SCHEDULED_EFFORT	NULLABLE	NUMBER	The number of hours estimated to be worked on the Request.
SCHEDULED_DURATION	NULLABLE	NUMBER	The 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	The date on which work on the Request commenced.

Column Name	Null?	Data Type	Description
ACTUAL_FINISH_DATE	NULLABLE	DATE	The date on which work on the Request concluded.
ACTUAL_EFFORT	NULLABLE	NUMBER	The number of hours worked on the Request.
ACTUAL_DURATION	NULLABLE	NUMBER	The 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/Duration. Used for defaulting logic.
ROLE_ID	NULLABLE	NUMBER	Identifies the role of the Resource that is assigned to the item.
ROLE_NAME	NULLABLE	VARCHAR2(800)	Defines the 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 does not use any Sequences.

KCRT_FIELD_DEPENDENCIES

The field dependencies table KCRT_FIELD_DEPEDENCIES stores the field updatable and required attributes associated with the issue type status.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_PARAMETER_SET_FIELDS	PARAMETER_SET_FIELD_ID	PARAMETER_SET_FIELD_ID
KCRT_REQUEST_TYPE_STATUSES	REQUEST_TYPE_STATUS_ID	REQUEST_TYPE_STATUS_ID
KCRT_REQUEST_TYPE_STATUSES	REQUEST_TYPE_STATUS_ID	REQUEST_TYPE_STATUS_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

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	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.
REQUEST_TYPE_STATUS_ID	NOT NULL	NUMBER	Identifier for the request type status associated to this record.

Column Name	Null?	Data Type	Description
PARAMETER_SET_FIELD_ID	NOT NULL	NUMBER	Identifier for the parameter field associated with this record.
HEADER_FIELD_FLAG	NOT NULL	VARCHAR2(4)	Indicates whether or not this field is a header field.
REQUIRED_FIELD_FLAG	NOT NULL	VARCHAR2(4)	Indicates whether or not this field is a required field.
DISABLED_FIELD_FLAG	NOT NULL	VARCHAR2(4)	Indicates whether or not this field is available for use.
CLEAR_FIELD_FLAG	NOT NULL	VARCHAR2(4)	Indicates whether or not this field will be cleared.
RECONFIRM_FIELD_FLAG	NOT NULL	VARCHAR2(4)	Indicates whether or not this field will require reconfirmation.
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULLABLE	VARCHAR2(400)	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(4)	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

The KCRT_FLS_VISIBILITY table is a denormalized table that holds 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 their fields. This is a one-to-one table with KCRT_REQUESTS.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	USER_DATA_SET_CONTEXT_ID
KCRT_REQUEST_HEADER_TYPES	REQUEST_HEADER_TYPE_ID	REQUEST_HEADER_TYPE_ID
KCRT_REQUEST_TYPES	REQUEST_TYPE_ID	REQUEST_TYPE_ID
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID

Column Descriptions

Column Name	Null?	Data Type	Description
FLS_VISIBILITY_ID	NOT NULL	NUMBER	System-generated identifier
REQUEST_ID	NOT NULL	NUMBER	The ID of the request for which security information is stored
REQUEST_TYPE_ID	NOT NULL	NUMBER	The ID of the request's type
REQUEST_HEADER_TYPE_ID	NOT NULL	NUMBER	The 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(4)	This flag indicates whether or not the Request Header Type has field level security set
RT_VISIBILITY_ SEC_EXISTS_ FLAG	NOT NULL	VARCHAR2(4)	This flag indicates whether or not the Request Type has field level security set
UD_VISIBILITY_ SEC_EXISTS_ FLAG	NOT NULL	VARCHAR2(4)	This flag indicates whether or not 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_FIELD_GROUPS	FIELD_GROUP_ID	FIELD_GROUP_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KCRT_REQUEST_HEADER_TYPES	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 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
REQUEST_HEADER_TYPE_ID	NOT NULL	NUMBER	Identifier for the linked request header type
FIELD_GROUP_ID	NOT NULL	NUMBER	Identifier for the linked field group

Column Name	Null?	Data Type	Description
SOURCE	NULLABLE	VARCHAR2(400)	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(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)

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_REQUESTS

This table contains all the header information of a Request.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_SECURITY_GROUPS	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_SUBTYPES	REQUEST_SUBTYPE_ID	REQUEST_SUBTYPE_ID
KCRT_REQUEST_TYPES	REQUEST_TYPE_ID	REQUEST_TYPE_ID
KCRT_STATUSES	STATUS_ID	STATUS_ID
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	USER_DATA_SET_CONTEXT_ID
KWFL_WORKFLOWS	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 that 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 that last updated the record.
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated.
REQUEST_NUMBER	NOT NULL	VARCHAR2(120)	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(1600)	Short description of the selected request.
RELEASE_DATE	NULLABLE	DATE	The 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 to this record.
DEPARTMENT_CODE	NULLABLE	VARCHAR2(120)	Lookup code for 'DEPARTMENT'.
PRIORITY_CODE	NULLABLE	VARCHAR2(120)	Lookup code for 'PRIORITY'.
APPLICATION	NULLABLE	VARCHAR2(120)	Lookup code for 'APPLICATION'

Column Name	Null?	Data Type	Description
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(120)	Lookup Code for 'REQUEST_GROUP'
CONTACT_ID	NULLABLE	NUMBER	Identifier for the contacts associated to this record.
COMPANY	NULLABLE	VARCHAR2(120)	Identifier field for the Company this request is associated with.
UPDATED_FLAG	NOT NULL	VARCHAR2(4)	Indicates whether or not this record has been updated.
STATUS_CODE	NOT NULL	VARCHAR2(120)	Lookup code for 'WF_PARENT_STATUS'
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULLABLE	VARCHAR2(400)	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	Parameter set context identifier for the user data fields
USER_DATA1-20	NULLABLE	VARCHAR2(800)	User data segment
VISIBLE_USER_DATA1-20	NULLABLE	VARCHAR2(800)	User data segment
PERCENT_COMPLETE	NOT NULL	NUMBER	The 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
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

KCRT_REQUESTS_INT corresponds to KCRT_REQUESTS, KCRT_REQUEST_DETAILS and KNTA_NOTES tables. 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. 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_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	CREATED_BY
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_USER_SECURITY	USER_SECURITY_ID	GROUP_ID
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	PARAMETER_SET_CONTEXT_ID
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_REQUEST_SUBTYPES	REQUEST_SUBTYPE_ID	REQUEST_SUBTYPE_ID
KCRT_REQUEST_TYPES	REQUEST_TYPE_ID	REQUEST_TYPE_ID
KCRT_STATUSES	STATUS_ID	STATUS_ID
KCRT_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID
KWFL_WORKFLOW_STEPS	WORKFLOW_STEP_ID	WORKFLOW_STEP_ID

Primary Key Table	Primary Key Column	Foreign Key Column
KWFL_WORKFLOWS	WORKFLOW_ID	WORKFLOW_ID
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	USER_DATA_SET_CONTEXT_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(800)	Username that creates the record.
CREATED_BY	NULLABLE	NUMBER	Identifier for the user that created the record.

Column Name	Null?	Data Type	Description
LAST_UPDATE_DATE	NULLABLE	DATE	Date record was last updated.
LAST_UPDATED_USERNAME	NOT NULL	VARCHAR2(800)	Username that last updated this record.
LAST_UPDATED_BY	NULLABLE	NUMBER	Identifier for the user that last updated the record.
ENTITY_LAST_UPDATE_DATE	NULLABLE	DATE	Date a record in the entity was last updated.
REQUEST_NUMBER	NULLABLE	VARCHAR2(120)	Refers to the request_number in KNTA_REQUESTS table.
REQUEST_TYPE_NAME	NOT NULL	VARCHAR2(320)	Type of the Request.
REQUEST_TYPE_ID	NULLABLE	NUMBER	Request Type id used by this Request.
REQUEST_SUBTYPE_NAME	NULLABLE	VARCHAR2(320)	Sub type name of the Request.
REQUEST_SUBTYPE_ID	NULLABLE	NUMBER	Request Subtype id used by this request.
DESCRIPTION	NULLABLE	VARCHAR2(1600)	Description of the Request entered by the user.
RELEASE_DATE	NULLABLE	DATE	The date Request was submitted.
STATUS_NAME	NULLABLE	VARCHAR2(320)	Status Name of the Request.
STATUS_ID	NULLABLE	NUMBER	Id of status used by the Request.
WORKFLOW_NAME	NULLABLE	VARCHAR2(320)	Name of the Workflow used by the Request.
WORKFLOW_ID	NULLABLE	NUMBER	Id of the Workflow used by the Request.

Column Name	Null?	Data Type	Description
DEPARTMENT_CODE	NULLABLE	VARCHAR2(120)	Code of the Department to which the Request is assigned to.
DEPARTMENT_NAME	NULLABLE	VARCHAR2(320)	Name of the Department to which the Request is assigned to.
PRIORITY_CODE	NULLABLE	VARCHAR2(120)	Priority of the Request.
PRIORITY_NAME	NULLABLE	VARCHAR2(320)	Priority Name of the Request.
APPLICATION	NULLABLE	VARCHAR2(120)	The Application code of the Request.
ASSIGNED_TO_USERNAME	NULLABLE	VARCHAR2(800)	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(120)	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(120)	Request Group Code of the Request.
CONTACT_FIRST_NAME	NULLABLE	VARCHAR2(120)	First Name of the Contact for the Request.
CONTACT_LAST_NAME	NULLABLE	VARCHAR2(120)	Last Name of the Contact for the Request.
CONTACT_ID	NULLABLE	NUMBER	ID of the Contact.
RELEASED_FLAG	NOT NULL	VARCHAR2(4)	Release identifier.
USER_DATA_SET_CONTEXT_ID	NULLABLE	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1-20	NULLABLE	VARCHAR2(800)	User data segment

Column Name	Null?	Data Type	Description
VISIBLE_USER_DATA1-20	NULLABLE	VARCHAR2(800)	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(120)	Used to differentiate interface records by their point of origin.
SOURCE	NULLABLE	VARCHAR2(400)	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(120)	Identifier for the Company this request is associated with.

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

Sequence Name	Sequence Type
KNTA_USERS_S	ASSIGNED_TO_USER_ID
KNTA_USER_SECURITY_S	ASSIGNED_TO_GROUP_ID
KCRT_CONTACTS_S	CONTACT_ID

Sequence Name	Sequence Type
KNTA_USERS_S	CREATED_BY
KNTA_USER_SECURITY_S	GROUP_ID
KNTA_USERS_S	LAST_UPDATED_BY
KNTA_PARAMETER_SETS_S	PARAMETER_SET_CONTEXT_ID
KCRT_REQUESTS_S	REQUEST_ID
KCRT_REQUEST_SUBTYPES_S	REQUEST_SUBTYPE_ID
KCRT_REQUEST_TYPES_S	REQUEST_TYPE_ID
KCRT_STATUSES_S	STATUS_ID
KCRT_TRANSACTIONS_S	TRANSACTION_ID
KNTA_PARAMETER_SET_CONTEXTS_S	USER_DATA_SET_CONTEXT_ID
KWFL_WORKFLOWS_S	WORKFLOW_ID
KWFL_WORKFLOW_STEPS_S	WORKFLOW_STEP_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_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	PARAMETER_SET_CONTEXT_ID
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_REQUEST_TYPES	REQUEST_TYPE_ID	REQUEST_TYPE_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

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 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.
REQUEST_ID	NOT NULL	NUMBER	Request identifier.
REQUEST_TYPE_ID	NOT NULL	NUMBER	Identifier for the 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	The identifier of the parameter set context associated with the Request Type chosen for this Request.
PARAMETER1-40	NULLABLE	VARCHAR2(800)	Request Detail parameter
VISIBLE_PARAMETER1-40	NULLABLE	VARCHAR2(800)	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_U1	UNIQUE	1	REQUEST_DETAIL_ID

Sequences

Sequence Name	Sequence Type
KCRT_REQUEST_DETAILS_S	REQUEST_DETAIL_ID

KCRT_REQUEST_DETAILS_ARCH

KCRT_REQUEST_DETAILS_ARCH stores the backup KCRT_REQUEST_DETAILS data. The Request will backup the REQUEST_DETAILS data when user changes the Request Type of the Request.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	ARCHIVED_BY
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
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_REQUEST_TYPES	REQUEST_TYPE_ID	REQUEST_TYPE_ID

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 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.
ARCHIVE_DATE	NOT NULL	DATE	Date record was archived.
ARCHIVED_BY	NOT NULL	NUMBER	Identifier for the user that archived the record.

Column Name	Null?	Data Type	Description
REQUEST_ID	NOT NULL	NUMBER	Request identifier.
REQUEST_TYPE_ID	NOT NULL	NUMBER	The identifier of the original Request Type chosen for this Request.
BATCH_NUMBER	NOT NULL	NUMBER	Defines which batch the parameter fields belong to.
PARAMETER_SET_CONTEXT_ID	NULLABLE	NUMBER	The identifier of the parameter set context associated with the original Request Type chosen for this Request.
PARAMETER1-40	NULLABLE	VARCHAR2(800)	REQUEST_DETAILS_ARCH parameter
VISIBLE_PARAMETER1-40	NULLABLE	VARCHAR2(800)	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 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. 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
KCRT_REQUEST_TYPES	REQUEST_TYPE_ID	REQUEST_TYPE_ID
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_REQUEST_DETAILS	REQUEST_DETAIL_ID	REQUEST_DETAIL_ID
KCRT_REQUESTS_INT	TRANSACTION_ID	PARENT_TRANSACTION_ID
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	PARAMETER_SET_CONTEXT_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	The transaction id of the parent table being imported
REQUEST_DETAIL_ID	NULLABLE	NUMBER	Refers to the request_detail_id in KCRT_REQUEST_DETAILS table

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
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(800)	Request Detail Parameter
VISIBLE_PARAMETER1-40	NULLABLE	VARCHAR2(800)	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(320)	Refers to the LOOKUP_TYPE in KNTA_LOOKUPS
VALIDATION_TYPE_CODE1-50	NULLABLE	VARCHAR2(120)	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 does not use any Sequences.

KCRT_REQUEST_HEADER_TYPES

An Request Header Type is comprised of a collection of Fields. Request Header types define the Header fields and their layout for a given request.

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_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 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
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
REQUEST_HEADER_TYPE_NAME	NOT NULL	VARCHAR2(320)	User defined name for the Request Header Type.
DESCRIPTION	NULLABLE	VARCHAR2(960)	Descriptive info for the Request Header Type Name

Column Name	Null?	Data Type	Description
ENABLED_FLAG	NOT NULL	VARCHAR2(4)	Is the Request Header Type enabled when creating new request types? (Does not effect already created request types).
ACCELERATOR_ID	NULLABLE	NUMBER	Accelerator identifier associated with this Request Header Type
USER_DATA_SET_CONTEXT_ID	NULLABLE	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1-20	NULLABLE	VARCHAR2(800)	User data segment
VISIBLE_USER_DATA1-20	NULLABLE	VARCHAR2(800)	User data segment
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULLABLE	VARCHAR2(400)	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_ HEADER_ TYPES_U1	UNIQUE	1	REQUEST_ HEADER_TYPE_ ID
KCRT_ REQUEST_ HEADER_ TYPES_U2	UNIQUE	1	REQUEST_ HEADER_TYPE_ NAME

Sequences

Sequence Name	Sequence Type
KCRT_ REQUEST_ HEADER_ TYPES_S	REQUEST_ HEADER_TYPE_ ID

KCRT_REQUEST_ID_TMP

This table is used when the Request Summary Report is run.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID

Column Descriptions

Column Name	Null?	Data Type	Description
REPORT_ID	NULLABLE	NUMBER	Report identifier.
REQUEST_ID	NULLABLE	NUMBER	Request identifier.

Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_REQUEST_ID_TMP_N1	NONUNIQUE	1	REPORT_ID

Sequences

This table does not use any Sequences.

KCRT_REQUEST_SEARCH_COLUMNS

KCRT_REQUEST_SEARCH_COLUMNS 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 1 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
KCRT_REQUEST_TYPES	REQUEST_TYPE_ID	REQUEST_TYPE_ID
KNTA_USERS	USER_ID	USER_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

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 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
USER_ID	NOT NULL	NUMBER	Identifier for the user that 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

KCRT_REQUEST_SUB_TYPES contains the data regarding the subtypes of Request Types

Foreign Keys

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

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 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
REQUEST_TYPE_ID	NOT NULL	NUMBER	RequestType identifier
REQUEST_SUB_TYPE_NAME	NOT NULL	VARCHAR2(320)	The name of RequestSubType
DESCRIPTION	NULLABLE	VARCHAR2(960)	The description of the RequestSubType
ENABLED_FLAG	NOT NULL	VARCHAR2(4)	Indicates where the RequestSubType is currently active or disabled

Column Name	Null?	Data Type	Description
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULLABLE	VARCHAR2(400)	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_SUB_TYPES_N1	NONUNIQUE	1	REQUEST_TYPE_ID
KCRT_REQUEST_SUB_TYPES_U1	UNIQUE	1	REQUEST_SUB_TYPE_ID

Sequences

Sequence Name	Sequence Type
KCRT_REQUEST_SUB_TYPES_S	REQUEST_SUB_TYPE_ID

KCRT_REQUEST_TYPES

A Request Type is comprised of a collection of Fields. Request types define the following: * Custom fields and their layout for a given request. * Application statuses and their dependencies to the custom fields. * Defaults to be used in the Request Header section. * Set of commands * Sub-Type that is used to further categorize the request type.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KACC_ACCELERATORS	ACCELERATOR_ID	ACCELERATOR_ID
KCRT_STATUSES	STATUS_ID	INIT_STATUS_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KCRT_REQUEST_HEADER_TYPES	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 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
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated

Column Name	Null?	Data Type	Description
REQUEST_ TYPE_NAME	NOT NULL	VARCHAR2(320)	User defined name for the request type
CREATION_ ACTION_NAME	NULLABLE	VARCHAR2(320)	This name if set displays on the Create Request screen
REQUEST_ HEADER_TYPE_ ID	NOT NULL	NUMBER	Identifier for the request header type used by this request type
ACCELERATOR_ ID	NULLABLE	NUMBER	Identified for the Accelerator associated with this request type
CATEGORY_ CODE	NULLABLE	VARCHAR2(120)	This category is used to organize requests on the Create Request screen
DESCRIPTION	NULLABLE	VARCHAR2(1600)	Descriptive info for the request_type_name
ENABLED_FLAG	NOT NULL	VARCHAR2(4)	Is the request type enabled when creating new requests? (Does not effect existing requests.)
WORKBENCH_ ONLY_FLAG	NOT NULL	VARCHAR2(4)	'Y' if this profile is only used by fields on the Workbenches.
MAX_ PARAMETER_ FIELDS_CODE	NULLABLE	VARCHAR2(120)	Holds the value for the maximum number of custom fields allowed.
MAX_BATCH_ NUMBER_USED	NULLABLE	NUMBER	Holds the value for the number of custom fields being used.

Column Name	Null?	Data Type	Description
INCLUDE_ALL_WORKFLOWS_FLAG	NOT NULL	VARCHAR2(4)	'Y' if all Workflows can be used for Requests of this Request Type. 'N' if not all Workflow can be used.
INIT_STATUS_ID	NOT NULL	NUMBER	Initial status the request is assigned.
USER_DATA_SET_CONTEXT_ID	NULLABLE	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1-20	NULLABLE	VARCHAR2(800)	User data segment
VISIBLE_USER_DATA1-20	NULLABLE	VARCHAR2(800)	User data segment
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULLABLE	VARCHAR2(400)	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
MDL_VIEW_NAME_ROOT	NULLABLE	VARCHAR2(80)	Defines the root part of an MDL view name for this request 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 request type name if possible.
SHOW_FIELD_HELP_FLAG	NOT NULL	VARCHAR2(4)	Enable showing field help

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

Sequences

Sequence Name	Sequence Type
KCRT_REQUEST_TYPES_S	REQUEST_TYPE_ID

KCRT_REQUEST_TYPE_SECURITY

This table contains 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	REQUEST_TYPE_ID	REQUEST_TYPE_ID
KNTA_SECURITY_GROUPS	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 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
REQUEST_TYPE_ID	NOT NULL	NUMBER	The request type this entry is for
CAN_VIEW_CODE	NOT NULL	VARCHAR2(120)	Can the security entry view the Request Type?
CAN_EDIT_CODE	NOT NULL	VARCHAR2(120)	Can the security entry edit the Request Type?

Column Name	Null?	Data Type	Description
CAN_CANCEL_CODE	NOT NULL	VARCHAR2(120)	Can the security entry cancel the Request Type?
CAN_CREATE_CODE	NOT NULL	VARCHAR2(120)	Can the security entry create the Request Type?
CAN_DELETE_CODE	NOT NULL	VARCHAR2(120)	Can the security entry delete the Request Type?
SECURITY_TYPE_CODE	NULLABLE	VARCHAR2(320)	What kind of security entry is this (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(800)	the token referring to a USER or SECURITY_GROUP
ROW_TYPE_CODE	NOT NULL	VARCHAR2(120)	the row type can be: SYSTEM:ALL_USERS, SYSTEM:CREATED_BY, SYSTEM:WORKFLOW_SECURITY, USER, SECURITY_GROUP, STANDARD_TOKEN, or CUSTOM_TOKEN

Column Name	Null?	Data Type	Description
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULLABLE	VARCHAR2(400)	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_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 allows the user to link Statuses to Request Types.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_REQUEST_TYPES	REQUEST_TYPE_ID	REQUEST_TYPE_ID
KCRT_STATUSES	STATUS_ID	STATUS_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

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 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
REQUEST_TYPE_ID	NOT NULL	NUMBER	Primary key from the KCRT_REQUEST_TYPES table.
STATUS_ID	NOT NULL	NUMBER	Primary key from the KCRT_STATUSES table.

Column Name	Null?	Data Type	Description
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULLABLE	VARCHAR2(400)	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_REQ_HEADER_DETAILS

This table stores information about Request Header Details for 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	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 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
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

Column Name	Null?	Data Type	Description
BATCH_NUMBER	NOT NULL	NUMBER	Data batch number associated with the request
PARAMETER1-40	NULLABLE	VARCHAR2(800)	User data segment
VISIBLE_PARAMETER1-40	NULLABLE	VARCHAR2(800)	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 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	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 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
ARCHIVE_DATE	NOT NULL	DATE	Date the request header was archived
ARCHIVED_BY	NOT NULL	NUMBER	Resource that archived the request header details

Column Name	Null?	Data Type	Description
REQ_HEADER_DETAIL_ID	NOT NULL	NUMBER	Unique identifier that identifies which request header detail was archived
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
PARAMETER1-40	NULLABLE	VARCHAR2(800)	User data segment
VISIBLE_PARAMETER1-40	NULLABLE	VARCHAR2(800)	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 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	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 that identifies which request the header details belong to
REQUEST_TYPE_ID	NULLABLE	NUMBER	Unique identifier that identifies the type of request this header details belongs to

Column Name	Null?	Data Type	Description
BATCH_NUMBER	NULLABLE	NUMBER	Data batch number associated with the request
PARAMETER1-40	NULLABLE	VARCHAR2(800)	User data segment
VISIBLE_PARAMETER1-40	NULLABLE	VARCHAR2(800)	User data segment
PARAMETER41-50	NULLABLE	VARCHAR2(4000)	User data segment
VISIBLE_PARAMETER41-50	NULLABLE	VARCHAR2(4000)	User data segment
LOOKUP_TYPE1-50	NULLABLE	VARCHAR2(320)	User data segment
VALIDATION_TYPE_CODE1-50	NULLABLE	VARCHAR2(120)	User data segment

Indexes

This table does not use any Indexes.

Sequences

This table does not use any Sequences.

KCRT_STATUSES

This table defines the Statuses available for the Request Type. 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 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
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
STATUS_NAME	NOT NULL	VARCHAR2(320)	Descriptive name of the user defined status.
ENABLED_FLAG	NOT NULL	VARCHAR2(4)	If enabled, the status will be available for all Issue Types.
AUTO_LINK_FLAG	NOT NULL	VARCHAR2(4)	If Auto link is enabled, the status is linked to all new issue types created.

Column Name	Null?	Data Type	Description
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULLABLE	VARCHAR2(400)	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(4)	Indicates whether or not this status is used when a reference is attached to a request

Indexes

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

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
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_SET_FIELDS	PARAMETER_SET_FIELD_ID	PARAMETER_SET_FIELD_ID
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID

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 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
REQUEST_ID	NOT NULL	NUMBER	Primary Key in KCRT_REQUESTS of the Request with the Table Component field that contains this row of data

Column Name	Null?	Data Type	Description
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
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(800)	Table Component detail parameter
PARAMETER1-40	NULLABLE	VARCHAR2(800)	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_N2	NONUNIQUE	1	REQUEST_ID
KCRT_TABLE_ENTRIES_N2	NONUNIQUE	2	PARAMETER_SET_FIELD_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

KCRT_TABLE_ENTRIES_INT corresponds to the KCRT_TABLE_ENTRIES 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
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
KRML_PARAMETER_SET_FLDS_COPY	PARAMETER_SET_FIELD_ID	PARAMETER_SET_FIELD_ID
KNTA_PARAMETER_SET_FIELDS	PARAMETER_SET_FIELD_ID	PARAMETER_SET_FIELD_ID
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_TABLE_ENTRIES	TABLE_ENTRY_ID	TABLE_ENTRY_ID
KCRT_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID
KWFL_STEP_TRANSITIONS_INT	TRANSACTION_ID	TRANSACTION_ID
KRSC_ORG_UNIT_MEMBERS_INT	TRANSACTION_ID	TRANSACTION_ID
KRSC_ORG_UNITS_INT	TRANSACTION_ID	TRANSACTION_ID
KNTA_USER_SECURITY_INT	TRANSACTION_ID	TRANSACTION_ID

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS_ INT	TRANSACTION_ ID	TRANSACTION_ ID
KWFL_ TRANSACTIONS_ 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	System-generated record identifier
PARENT_TRANSACTION_ID	NOT NULL	NUMBER	The transaction id of the parent table being imported
PARENT_FIELD_TOKEN	NOT NULL	VARCHAR2(120)	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

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	NULLABLE	NUMBER	Primary Key in KNTA_PARAMETER_SET_CONTEXTS of the Table Component's column header definition set
VISIBLE_PARAMETER1-40	NULLABLE	VARCHAR2(800)	Table Component detail parameter
PARAMETER1-40	NULLABLE	VARCHAR2(800)	Table Component detail parameter
VISIBLE_PARAMETER41-50	NULLABLE	VARCHAR2(4000)	Table Component detail parameter
PARAMETER41-50	NULLABLE	VARCHAR2(4000)	Table Component detail parameter
LOOKUP_TYPE1-50	NULLABLE	VARCHAR2(320)	Lookup Type for the corresponding Parameter
VALIDATION_TYPE_CODE1-50	NULLABLE	VARCHAR2(120)	Validation Type Code for the corresponding Parameter

Indexes

This table does not use any Indexes.

Sequences

This table does not use any Sequences.

KCRT_TRANSACTIONS

This table holds 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 the kcr_t_transactions table.

Foreign Keys

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

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 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
REQUEST_TYPE_ID	NOT NULL	NUMBER	Request type used by the request.

Column Name	Null?	Data Type	Description
COLUMN_NAME	NULLABLE	VARCHAR2(120)	Column that is being audited in this record (PARAMETER1 - 50)
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(320)	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(120)	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_BENEFITS

This table is stores the financial benefit information.

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_PERIODS	PERIOD_ID	START_PERIOD_ID
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	USER_DATA_SET_CONTEXT_ID
KNTA_REGIONS	REGION_ID	REGION_ID
KNTA_PERIODS	PERIOD_ID	END_PERIOD_ID
KNTA_PERIODS	PERIOD_ID	ENTRY_PERIOD_TYPE_ID
KCRT_REQUESTS	REQUEST_ID	INITIATION_REQUEST_ID

Column Descriptions

Column Name	Null?	Data Type	Description
BENEFIT_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
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
BENEFIT_NAME	NOT NULL	VARCHAR2(400)	Name for the financial benefit

Column Name	Null?	Data Type	Description
ACTIVE_FLAG	NOT NULL	VARCHAR2(4)	Whether or not the financial benefit is active.
STATUS_CODE	NOT NULL	VARCHAR2(120)	Status for financial benefit.
DESCRIPTION	NULLABLE	VARCHAR2(1000)	Description for financial benefit.
INITIATION_REQUEST_ID	NULLABLE	NUMBER	The initiation request ID.
START_PERIOD_ID	NOT NULL	NUMBER	Starting month of financial benefit.
END_PERIOD_ID	NOT NULL	NUMBER	Ending month of financial benefit.
SHOW_ACTUALS_FLAG	NOT NULL	VARCHAR2(4)	Whether or not to display actuals.
ENTRY_PERIOD_TYPE_ID	NOT NULL	NUMBER	Enter by quarter or month.
USER_DATA_SET_CONTEXT_ID	NULLABLE	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1-20	NULLABLE	VARCHAR2(1000)	User data segment
VISIBLE_USER_DATA1-20	NULLABLE	VARCHAR2(1000)	User data segment
REGION_ID	NOT NULL	NUMBER	The region for the benefit

Indexes

Index Name	Index Type	Sequence	Column Name
KCST_BENEFITS_N1	NONUNIQUE	1	INITIATION_REQUEST_ID
KCST_BENEFITS_N2	NONUNIQUE	1	START_PERIOD_ID
KCST_BENEFITS_N3	NONUNIQUE	1	END_PERIOD_ID
KCST_BENEFITS_U1	UNIQUE	1	BENEFIT_ID
KCST_BENEFITS_U2	UNIQUE	1	BENEFIT_NAME

Sequences

Sequence Name	Sequence Type
KCST_ BENEFITS_S	BENEFIT_ID

KCST_BENEFIT_ACCESS

This table contains information on what access a user has to a benefit.

Foreign Keys

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

Column Descriptions

Column Name	Null?	Data Type	Description
BENEFIT_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 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
BENEFIT_ID	NOT NULL	NUMBER	Financial benefit ID.
USER_ID	NOT NULL	NUMBER	user ID.
EDIT_BASIC_INFO	NOT NULL	VARCHAR2(4)	Whether or not user can edit basic info for the financial benefit.
EDIT_PLAN_ACTUALS	NOT NULL	VARCHAR2(4)	Whether or not user can edit both plan and actual data for the financial benefit.
EDIT_ACTUALS_ONLY	NOT NULL	VARCHAR2(4)	Whether or not user can edit actuals for the financial benefit.

Column Name	Null?	Data Type	Description
EDIT_SECURITY	NOT NULL	VARCHAR2(4)	Whether or not user can edit security info for the financial benefit.

Indexes

Index Name	Index Type	Sequence	Column Name
KCST_BENEFIT_ACCESS_N1	NONUNIQUE	1	BENEFIT_ID
KCST_BENEFIT_ACCESS_N2	NONUNIQUE	1	USER_ID
KCST_BENEFIT_ACCESS_U1	UNIQUE	1	BENEFIT_ACCESS_ID

Sequences

Sequence Name	Sequence Type
KCST_BENEFIT_ACCESS_S	BENEFIT_ACCESS_ID

KCST_BENEFIT_LINES

This table contains all the information for a budget line.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCST_BENEFITS	BENEFIT_ID	BENEFIT_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
BENEFIT_LINE_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
BENEFIT_ID	NOT NULL	NUMBER	Financial benefit ID.
BENEFIT_TYPE_CODE	NOT NULL	VARCHAR2(120)	Type of benefit.
CATEGORY_CODE	NULLABLE	VARCHAR2(120)	Category of benefit.
STATUS_CODE	NULLABLE	VARCHAR2(120)	Status of benefit.
USER_DATA_SET_CONTEXT_ID	NULLABLE	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1-20	NULLABLE	VARCHAR2(1000)	User data segment

Column Name	Null?	Data Type	Description
VISIBLE_USER_DATA1-20	NULLABLE	VARCHAR2(1000)	User data segment

Indexes

Index Name	Index Type	Sequence	Column Name
KCST_BENEFIT_LINES_N1	NONUNIQUE	1	BENEFIT_ID
KCST_BENEFIT_LINES_U1	UNIQUE	1	BENEFIT_LINE_ID

Sequences

Sequence Name	Sequence Type
KCST_BENEFIT_LINES_S	BENEFIT_LINE_ID

KCST_BENEFIT_LINE_CELLS

This table stores the value of each of the cell in a benefit.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCST_BENEFIT_LINES	BENEFIT_LINE_ID	BENEFIT_LINE_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_PERIODS	PERIOD_ID	PERIOD_ID
KCST_CURRENCY_CELLS	CURRENCY_CELL_ID	CURRENCY_CELL_ID

Column Descriptions

Column Name	Null?	Data Type	Description
BENEFIT_LINE_CELL_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
BENEFIT_LINE_ID	NOT NULL	NUMBER	The benefit line this cell belongs to.
PERIOD_ID	NOT NULL	NUMBER	The period ID of this cell.
CURRENCY_CELL_ID	NOT NULL	NUMBER	The currency cell holding the values of this cell.

Indexes

Index Name	Index Type	Sequence	Column Name
KCST_BENEFIT_LINE_CELLS_N1	NONUNIQUE	1	BENEFIT_LINE_ID
KCST_BENEFIT_LINE_CELLS_N2	NONUNIQUE	1	BENEFIT_LINE_ID
KCST_BENEFIT_LINE_CELLS_N2	NONUNIQUE	2	PERIOD_ID
KCST_BENEFIT_LINE_CELLS_U1	UNIQUE	1	BENEFIT_LINE_CELL_ID

Sequences

Sequence Name	Sequence Type
KCST_BENEFIT_LINE_CELLS_S	BENEFIT_LINE_CELL_ID

KCST_BENEFIT_LINKED_ENTITIES

This stores the "The benefit is for" entity.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCST_BENEFITS	BENEFIT_ID	BENEFIT_ID
KNTA_ENTITIES	ENTITY_ID	ENTITY_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
BENEFIT_LINKED_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 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
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
BENEFIT_ID	NOT NULL	NUMBER	Financial benefit ID.
ENTITY_ID	NULLABLE	NUMBER	The entity ID of linked entity.
ENTITY_PRIMARY_KEY	NULLABLE	NUMBER	The primary key of linked entity.

Indexes

Index Name	Index Type	Sequence	Column Name
KCST_BENEFIT_ LNKED_ ENTITIES_N1	NONUNIQUE	1	ENTITY_ID
KCST_BENEFIT_ LNKED_ ENTITIES_N1	NONUNIQUE	2	ENTITY_ PRIMARY_KEY
KCST_BENEFIT_ LNKED_ ENTITIES_U1	UNIQUE	1	BENEFIT_ LINKED_ENTITY_ ID
KCST_BENEFIT_ LNKED_ ENTITIES_U2	UNIQUE	1	BENEFIT_ID

Sequences

Sequence Name	Sequence Type
KCST_BENEFIT_ LINKED_ ENTITIES_S	BENEFIT_ LINKED_ENTITY_ ID

KCST_BENEFIT_PERIOD_SUM

This table stores the overall sum and also the monthly period sum for each benefit.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCST_BENEFITS	BENEFIT_ID	BENEFIT_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_PERIODS	PERIOD_ID	PERIOD_ID
KCST_CURRENCY_CELLS	CURRENCY_CELL_ID	CURRENCY_CELL_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 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
BENEFIT_ID	NOT NULL	NUMBER	Financial benefit ID.
PERIOD_ID	NOT NULL	NUMBER	Monthly period ID. If this column is -1, the row is stores the overall sum of the benefit.
PROJECTED_TOTAL	NOT NULL	NUMBER	This the monthly total of actual values and plan values when actual is not available.

Column Name	Null?	Data Type	Description
SEQ	NOT NULL	NUMBER	Sequence of the period for this benefit period sum row.
CURRENCY_CELL_ID	NOT NULL	NUMBER	The currency cell for this benefit period sum

Indexes

Index Name	Index Type	Sequence	Column Name
KCST_BENEFIT_PERIOD_SUM_N1	NONUNIQUE	1	BENEFIT_ID
KCST_BENEFIT_PERIOD_SUM_N2	NONUNIQUE	1	SEQ
KCST_BENEFIT_PERIOD_SUM_U1	UNIQUE	1	BENEFIT_PERIOD_SUM_ID
KCST_BENEFIT_PERIOD_SUM_U2	UNIQUE	1	PERIOD_ID
KCST_BENEFIT_PERIOD_SUM_U2	UNIQUE	2	BENEFIT_ID
KCST_BENEFIT_PERIOD_SUM_U3	UNIQUE	1	BENEFIT_ID
KCST_BENEFIT_PERIOD_SUM_U3	UNIQUE	2	PERIOD_ID
KCST_BENEFIT_PERIOD_SUM_U3	UNIQUE	3	SEQ

Sequences

Sequence Name	Sequence Type
KCST_BENEFIT_PERIOD_SUM_S	BENEFIT_PERIOD_SUM_ID

KCST_BENEFIT_TXN_HIST

This table stores transaction history of the benefit. Currently it only stores the history when status changes.

Foreign Keys

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

Column Descriptions

Column Name	Null?	Data Type	Description
BENEFIT_TXN_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 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
BENEFIT_ID	NOT NULL	NUMBER	financial benefit ID.
BENEFIT_COLUMN_NAME	NOT NULL	VARCHAR2(120)	The transaction column.
COLUMN_OLD_VALUE	NULLABLE	VARCHAR2(1000)	Previous value.
COLUMN_NEW_VALUE	NULLABLE	VARCHAR2(1000)	Current value.

Indexes

Index Name	Index Type	Sequence	Column Name
KCST_BENEFIT_TXN_HIST_N1	NONUNIQUE	1	BENEFIT_ID
KCST_BENEFIT_TXN_HIST_U1	UNIQUE	1	BENEFIT_TXN_HIST_ID

Sequences

Sequence Name	Sequence Type
KCST_BENEFIT_ TXN_HIST_S	BENEFIT_TXN_ HIST_ID

KCST_BUDGETS

This table contains all the header information of a Budget.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_PERIODS	PERIOD_ID	END_PERIOD_ID
KCRT_REQUESTS	REQUEST_ID	INITIATION_REQUEST_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KCST_BUDGETS	BUDGET_ID	PARENT_BUDGET_ID
KNTA_REGIONS	REGION_ID	REGION_ID
KNTA_PERIODS	PERIOD_ID	START_PERIOD_ID
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	USER_DATA_SET_CONTEXT_ID
RSC_STAFFING_PROFILES	STAFFING_PROFILE_ID	SYNCH_STAFF_PROF_ID

Column Descriptions

Column Name	Null?	Data Type	Description
BUDGET_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
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated

Column Name	Null?	Data Type	Description
BUDGET_NAME	NOT NULL	VARCHAR2(400)	User defined name for the Budget
STATUS_CODE	NOT NULL	VARCHAR2(120)	Lookup code for 'BUDGET_STATUS'
DESCRIPTION	NULLABLE	VARCHAR2(1000)	Short description of the Budget
PARENT_BUDGET_ID	NULLABLE	NUMBER	Identifier for the parent budget
INITIATION_REQUEST_ID	NULLABLE	NUMBER	If a budget is created from a request using the Budget Component then this column gets the request id
START_PERIOD_ID	NOT NULL	NUMBER	Identifier for the start period
END_PERIOD_ID	NOT NULL	NUMBER	Identifier for the end period
SHOW_ACTUALS_FLAG	NOT NULL	VARCHAR2(4)	Y or N indicator flag for showing actuals data
USER_DATA_SET_CONTEXT_ID	NULLABLE	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1-20	NULLABLE	VARCHAR2(1000)	User data segment
VISIBLE_USER_DATA1-20	NULLABLE	VARCHAR2(1000)	User data segment
ENTRY_PERIOD_TYPE_ID	NOT NULL	NUMBER	Enter data by quarters or months.
ACTUALS_ROLLED_UP_CODE	NOT NULL	VARCHAR2(120)	code indicating where actuals are rolled up from
REGION_ID	NOT NULL	NUMBER	Identifier for region
CAPEX_OPEX_ENABLED_FLAG	NOT NULL	VARCHAR2(4)	Y or N indicator flag showing whether CAPEX and OPEX are enabled

Column Name	Null?	Data Type	Description
SYNCH_STAFF_PROF_FLAG	NOT NULL	VARCHAR2(4)	Y or N, Is this budget synched with a Staffing Profile
SYNCH_STAFF_PROF_ID	NULLABLE	NUMBER	the staffing_profile_id that this budget is synched to (if the synch_staff_prof_flag is Y)

Indexes

Index Name	Index Type	Sequence	Column Name
KCST_BUDGETS_N1	NONUNIQUE	1	PARENT_BUDGET_ID
KCST_BUDGETS_N2	NONUNIQUE	1	INITIATION_REQUEST_ID
KCST_BUDGETS_N3	NONUNIQUE	1	START_PERIOD_ID
KCST_BUDGETS_N4	NONUNIQUE	1	END_PERIOD_ID
KCST_BUDGETS_U1	UNIQUE	1	BUDGET_ID
KCST_BUDGETS_U2	UNIQUE	1	BUDGET_NAME

Sequences

Sequence Name	Sequence Type
KCST_BUDGETS_S	BUDGET_ID

KCST_BUDGET_ACCESS

KCST_BUDGET_ACCESS contains information on what access a user has to a budget.

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_BUDGETS	BUDGET_ID	BUDGET_ID
KNTA_USERS	USER_ID	USER_ID

Column Descriptions

Column Name	Null?	Data Type	Description
BUDGET_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 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
BUDGET_ID	NOT NULL	NUMBER	Identifier for the budget
USER_ID	NOT NULL	NUMBER	Identifier for the user that view/edit the budget
EDIT_BASIC_INFO	NOT NULL	VARCHAR2(4)	Y or N indicator flag that denote the user's access of editing basic information of the budget

Column Name	Null?	Data Type	Description
EDIT_PLAN_ACTUALS	NOT NULL	VARCHAR2(4)	Y or N indicator flag that denote the user's access of editing plan actuals information
EDIT_ACTUALS	NOT NULL	VARCHAR2(4)	Y or N indicator flag that denote the user's access of editing actuals information
EDIT_SECURITY	NOT NULL	VARCHAR2(4)	Y or N indicator flag that denote the user's access of configuring security access of the budget

Indexes

Index Name	Index Type	Sequence	Column Name
KCST_BUDGET_ACCESS_N1	NONUNIQUE	1	BUDGET_ID
KCST_BUDGET_ACCESS_N2	NONUNIQUE	1	USER_ID
KCST_BUDGET_ACCESS_U1	UNIQUE	1	BUDGET_ACCESS_ID

Sequences

Sequence Name	Sequence Type
KCST_BUDGET_ACCESS_S	BUDGET_ACCESS_ID

KCST_BUDGET_LINES

KCST_BUDGET_LINES contains all the information for a budget line.

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_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	USER_DATA_SET_CONTEXT_ID

Column Descriptions

Column Name	Null?	Data Type	Description
BUDGET_LINE_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
BUDGET_ID	NOT NULL	NUMBER	Identifier for the budget
LABOR_TYPE_CODE	NOT NULL	VARCHAR2(120)	Lookup code for 'BUDGET_TYPE'
CATEGORY_CODE	NOT NULL	VARCHAR2(120)	Lookup code for 'BUDGET_LABOR_CATEGORY'
STATUS_CODE	NULLABLE	VARCHAR2(120)	Reserved for future use
EXPENSE_TYPE_CODE	NULLABLE	VARCHAR2(120)	CAPITAL or OPERATING.

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(1000)	User data segment
VISIBLE_USER_ DATA1-20	NULLABLE	VARCHAR2(1000)	User data segment
SYNCH_STAFF_ PROF_FLAG	NOT NULL	VARCHAR2(4)	Y or N, is this line synched from a staffing profile

Indexes

Index Name	Index Type	Sequence	Column Name
KCST_BUDGET_ LINES_N1	NONUNIQUE	1	BUDGET_ID
KCST_BUDGET_ LINES_N2	NONUNIQUE	1	LABOR_TYPE_ CODE
KCST_BUDGET_ LINES_N2	NONUNIQUE	2	CATEGORY_ CODE
KCST_BUDGET_ LINES_U1	UNIQUE	1	BUDGET_LINE_ ID

Sequences

Sequence Name	Sequence Type
KCST_BUDGET_ LINES_S	BUDGET_LINE_ ID

KCST_BUDGET_LINE_CELLS

KCST_BUDGET_LINE_CELLS stores the value of each of the cell in a Budget.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCST_BUDGET_LINES	BUDGET_LINE_ID	BUDGET_LINE_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_PERIODS	PERIOD_ID	PERIOD_ID
KCST_CURRENCY_CELLS	CURRENCY_CELL_ID	CURRENCY_CELL_ID

Column Descriptions

Column Name	Null?	Data Type	Description
BUDGET_LINE_CELL_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
BUDGET_LINE_ID	NOT NULL	NUMBER	Identifier for the budget line
PERIOD_ID	NOT NULL	NUMBER	Identifier for the period
CURRENCY_CELL_ID	NOT NULL	NUMBER	The currency cell holding the values of this cell.

Indexes

Index Name	Index Type	Sequence	Column Name
KCST_BUDGET_LINE_CELLS_N1	NONUNIQUE	1	BUDGET_LINE_ID
KCST_BUDGET_LINE_CELLS_N2	NONUNIQUE	1	BUDGET_LINE_ID
KCST_BUDGET_LINE_CELLS_N2	NONUNIQUE	2	PERIOD_ID
KCST_BUDGET_LINE_CELLS_U1	UNIQUE	1	BUDGET_LINE_CELL_ID

Sequences

Sequence Name	Sequence Type
KCST_BUDGET_LINE_CELLS_S	BUDGET_LINE_CELL_ID

KCST_BUDGET_LINKED_ENTITIES

KCST_BUDGET_LINKED_ENTITIES contains information of what entity the Budget is linked to.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCST_BUDGETS	BUDGET_ID	BUDGET_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_ENTITIES	ENTITY_ID	ENTITY_ID
KRSC_ORG_UNITS	ORG_UNIT_ID	ENTITY_PRIMARY_KEY
PM_PROJECTS_CONTAINERS	PROGRAM_ID	ENTITY_PRIMARY_KEY
PM_PROJECTS	PROJECT_ID	ENTITY_PRIMARY_KEY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
BUDGET_LINKED_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 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
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
BUDGET_ID	NOT NULL	NUMBER	Identifier for the budget

Column Name	Null?	Data Type	Description
ACTIVE_FLAG	NOT NULL	VARCHAR2(4)	Y or N flag to denote whether this link is active
ENTITY_ID	NULLABLE	NUMBER	Identifier for the linked entity type
ENTITY_PRIMARY_KEY	NULLABLE	NUMBER	Identifier for the linked entity

Indexes

Index Name	Index Type	Sequence	Column Name
KCST_BUDGET_LINKED_ENTITIES_N1	NONUNIQUE	1	ENTITY_ID
KCST_BUDGET_LINKED_ENTITIES_N1	NONUNIQUE	2	ENTITY_PRIMARY_KEY
KCST_BUDGET_LINKED_ENTITIES_U1	UNIQUE	1	BUDGET_LINKED_ENTITY_ID
KCST_BUDGET_LINKED_ENTITIES_U2	UNIQUE	1	BUDGET_ID

Sequences

Sequence Name	Sequence Type
KCST_BUDGET_LINKED_ENTITIES_S	BUDGET_LINKED_ENTITY_ID

KCST_BUDGET_PERIOD_SUM

The table stores the overall sum and montly period sum for budgets.

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_PERIODS	PERIOD_ID	PERIOD_ID
KCST_CURRENCY_LINES	CURRENCY_LINE_ID	CURRENCY_LINE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
BUDGET_PERIOD_SUM_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
BUDGET_ID	NOT NULL	NUMBER	budget ID.
PERIOD_ID	NOT NULL	NUMBER	Monthly period ID. If the period ID is -1, this row stores the overall sum.
PROJECTED_TOTAL	NOT NULL	NUMBER	Overall projected total of actual values or plan values when actual is not available.

Column Name	Null?	Data Type	Description
CAPEX_ PROJECTED_ TOTAL	NOT NULL	NUMBER	Overall projected total of actual values or plan values when actual is not available for CAPITAL expense
OPEX_ PROJECTED_ TOTAL	NOT NULL	NUMBER	Overall total planned values when actual is not available for OPERATING expense
SEQ	NOT NULL	NUMBER	Sequence of the period for this budget period sum row.
CURRENCY_ LINE_ID	NOT NULL	NUMBER	The currency line for this budget period sum row.

Indexes

Index Name	Index Type	Sequence	Column Name
KCST_BUDGET_ PERIOD_SUM_ N1	NONUNIQUE	1	BUDGET_ID
KCST_BUDGET_ PERIOD_SUM_ N2	NONUNIQUE	1	SEQ
KCST_BUDGET_ PERIOD_SUM_ U1	UNIQUE	1	BUDGET_ PERIOD_SUM_ID
KCST_BUDGET_ PERIOD_SUM_ U2	UNIQUE	1	PERIOD_ID
KCST_BUDGET_ PERIOD_SUM_ U2	UNIQUE	2	BUDGET_ID
KCST_BUDGET_ PERIOD_SUM_ U3	UNIQUE	1	BUDGET_ID
KCST_BUDGET_ PERIOD_SUM_ U3	UNIQUE	2	PERIOD_ID

Index Name	Index Type	Sequence	Column Name
KCST_BUDGET_ PERIOD_SUM_ U3	UNIQUE	3	SEQ

Sequences

Sequence Name	Sequence Type
KCST_BUDGET_ PERIOD_SUM_S	BUDGET_ PERIOD_SUM_ID

KCST_BUDGET_TXN_HIST

KCST_BUDGET_TXN_HIST contains information for the transaction history of a Budget.

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_BUDGETS	BUDGET_ID	BUDGET_ID

Column Descriptions

Column Name	Null?	Data Type	Description
BUDGET_TXN_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 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
BUDGET_ID	NOT NULL	NUMBER	Identifier for the budget
BUDGET_COLUMN_NAME	NOT NULL	VARCHAR2(120)	The column name of the budget column it records
COLUMN_OLD_VALUE	NULLABLE	VARCHAR2(1000)	The previous value of the budget column
COLUMN_NEW_VALUE	NULLABLE	VARCHAR2(1000)	The new value of the budget column

Indexes

Index Name	Index Type	Sequence	Column Name
KCST_BUDGET_TXN_HIST_N1	NONUNIQUE	1	BUDGET_ID

Index Name	Index Type	Sequence	Column Name
KCST_BUDGET_TXN_HIST_U1	UNIQUE	1	BUDGET_TXN_HIST_ID

Sequences

Sequence Name	Sequence Type
KCST_BUDGET_TXN_HIST_S	BUDGET_TXN_HIST_ID

KCST_CURRENCIES

This table is used for storing information about all available currencies.

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 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
CURRENCY_NAME	NOT NULL	VARCHAR2(400)	Name of the currency
CURRENCY_CODE	NOT NULL	VARCHAR2(40)	Identifier code of the currency
CURRENCY_SYMBOL	NOT NULL	VARCHAR2(200)	Symbol to represent units for the currency
DISPLAY_DECIMALS	NOT NULL	NUMBER	Number of decimal places to display in the currency
BASE_CURRENCY_FLAG	NOT NULL	VARCHAR2(4)	Flag that determines if the corresponding currency is the base currency. Value will either be 'Y' or 'N'.

Column Name	Null?	Data Type	Description
ENABLED_FLAG	NOT NULL	VARCHAR2(4)	Flag that determines if the corresponding currency has an FX rate associated with it. If it does, then the currency is enabled, otherwise it is disabled. Value will either be 'Y' or 'N'.
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_CURRENCIES_U1	UNIQUE	1	CURRENCY_ID
KCST_CURRENCIES_U2	UNIQUE	1	CURRENCY_CODE
KCST_CURRENCIES_U3	UNIQUE	1	CURRENCY_NAME

Sequences

This table does not use any Sequences.

KCST_CURRENCY_CELLS

This table is used for storing currency information on a per cell basis. Entities that use this table include budgets and benefits.

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	CURRENCY_ID	LOCAL_CURRENCY_ID
KCST_BUDGETS	BUDGET_ID	PARENT_ID
KCST_BENEFITS	BENEFIT_ID	PARENT_ID

Column Descriptions

Column Name	Null?	Data Type	Description
CURRENCY_CELL_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
LOCAL_CURRENCY_ID	NOT NULL	NUMBER	Identifier for the currency that the costs are stored in
EXCHANGE_DATE	NULLABLE	DATE	If not null, the date used to determine affected entries for FX rate updates. Rows with no values are rollups where this value does not make sense.

Column Name	Null?	Data Type	Description
EXCHANGE_ RATE	NULLABLE	NUMBER	If not null, the FX rate for the exchange date.
PARENT_TYPE_ CODE	NOT NULL	VARCHAR2(120)	The type of the parent
PARENT_ID	NOT NULL	NUMBER	Identifier for the parent of the specified parent type
PLAN_VALUE_ LCL	NULLABLE	NUMBER	The planned value in the local currency
PLAN_VALUE_ BSE	NULLABLE	NUMBER	The planned value in the system base currency
ACTUAL_VALUE_ LCL	NULLABLE	NUMBER	The actual value in the local currency
ACTUAL_VALUE_ BSE	NULLABLE	NUMBER	The actual value in the system base currency

Indexes

Index Name	Index Type	Sequence	Column Name
KCST_ CURRENCY_ CELLS_U1	UNIQUE	1	CURRENCY_ CELL_ID
KCST_ CURRENCY_ CELLS_U2	UNIQUE	1	PARENT_TYPE_ CODE
KCST_ CURRENCY_ CELLS_U2	UNIQUE	2	PARENT_ID

Sequences

Sequence Name	Sequence Type
KCST_ CURRENCY_ CELLS_S	CURRENCY_ CELL_ID

KCST_CURRENCY_LINES

This table is used for storing cost data on a per line basis. Examples of this include project cost lines and budget rollups.

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	CURRENCY_ID	LOCAL_CURRENCY_ID

Column Descriptions

Column Name	Null?	Data Type	Description
CURRENCY_LINE_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
LOCAL_CURRENCY_ID	NOT NULL	NUMBER	Currency that the cost values are stored in
EXCHANGE_DATE	NULLABLE	DATE	If not null, this date is used to determine affected entries for FX rate updates. Rows with no values are rollups where this does not make sense.
EXCHANGE_RATE	NULLABLE	NUMBER	The exchange rate on the exchange date, if specified

Column Name	Null?	Data Type	Description
PARENT_TYPE_CODE	NOT NULL	VARCHAR2(120)	The type of the parent
PARENT_ID	NOT NULL	NUMBER	Identifier for the parent of the parent type specified
PLAN_CAPEX_LABOR_LCL	NULLABLE	NUMBER	The planned capital labor cost in the local currency
PLAN_CAPEX_LABOR_BSE	NULLABLE	NUMBER	The planned capital labor cost in the base currency
PLAN_OPEX_LABOR_LCL	NULLABLE	NUMBER	The planned operating labor cost in the local currency
PLAN_OPEX_LABOR_BSE	NULLABLE	NUMBER	The planned operating labor cost in the base currency
PLAN_CAPEX_NONLABOR_LCL	NULLABLE	NUMBER	The planned capital nonlabor cost in the local currency
PLAN_CAPEX_NONLABOR_BSE	NULLABLE	NUMBER	The planned capital nonlabor cost in the base currency
PLAN_OPEX_NONLABOR_LCL	NULLABLE	NUMBER	The planned operating nonlabor cost in the local currency
PLAN_OPEX_NONLABOR_BSE	NULLABLE	NUMBER	The planned operating nonlabor cost in the base currency
PLAN_CAPEX_TOTAL_LCL	NULLABLE	NUMBER	The planned capital total cost in the local currency
PLAN_CAPEX_TOTAL_BSE	NULLABLE	NUMBER	The planned capital total cost in the base currency

Column Name	Null?	Data Type	Description
PLAN_OPEX_TOTAL_LCL	NULLABLE	NUMBER	The planned operating total cost in the local currency
PLAN_OPEX_TOTAL_BSE	NULLABLE	NUMBER	The planned operating total cost in the base currency
PLAN_LABOR_TOTAL_LCL	NULLABLE	NUMBER	The total planned labor cost in the local currency
PLAN_LABOR_TOTAL_BSE	NULLABLE	NUMBER	The total planned labor cost in the base currency
PLAN_NONLABOR_TOTAL_LCL	NULLABLE	NUMBER	The total planned nonlabor cost in the local currency
PLAN_NONLABOR_TOTAL_BSE	NULLABLE	NUMBER	The total planned nonlabor cost in the base currency
PLAN_TOTAL_LCL	NULLABLE	NUMBER	The total planned cost in the local currency
PLAN_TOTAL_BSE	NULLABLE	NUMBER	The total planned cost in the base currency
ACTUAL_CAPEX_LABOR_LCL	NULLABLE	NUMBER	The actual capital labor cost in the local currency
ACTUAL_CAPEX_LABOR_BSE	NULLABLE	NUMBER	The actual capital labor cost in the base currency
ACTUAL_OPEX_LABOR_LCL	NULLABLE	NUMBER	The actual operating labor cost in the local currency
ACTUAL_OPEX_LABOR_BSE	NULLABLE	NUMBER	The actual operating labor cost in the base currency
ACTUAL_CAPEX_NONLABOR_LCL	NULLABLE	NUMBER	The actual capital nonlabor cost in the local currency

Column Name	Null?	Data Type	Description
ACTUAL_ CAPEX_ NONLABOR_BSE	NULLABLE	NUMBER	The actual capital nonlabor cost in the base currency
ACTUAL_OPEX_ NONLABOR_LCL	NULLABLE	NUMBER	The actual operating nonlabor cost in the local currency
ACTUAL_OPEX_ NONLABOR_BSE	NULLABLE	NUMBER	The actual operating nonlabor cost in the base currency
ACTUAL_ CAPEX_TOTAL_ LCL	NULLABLE	NUMBER	The total actual capital cost in the local currency
ACTUAL_ CAPEX_TOTAL_ BSE	NULLABLE	NUMBER	The total actual capital cost in the base currency
ACTUAL_OPEX_ TOTAL_LCL	NULLABLE	NUMBER	The total actual operating cost in the local currency
ACTUAL_OPEX_ TOTAL_BSE	NULLABLE	NUMBER	The total actual operating cost in the base currency
ACTUAL_ LABOR_TOTAL_ LCL	NULLABLE	NUMBER	The total actual labor cost in the local currency
ACTUAL_ LABOR_TOTAL_ BSE	NULLABLE	NUMBER	The total actual labor cost in the base currency
ACTUAL_ NONLABOR_ TOTAL_LCL	NULLABLE	NUMBER	The total actual nonlabor cost in the local currency
ACTUAL_ NONLABOR_ TOTAL_BSE	NULLABLE	NUMBER	The total actual nonlabor cost in the base currency
ACTUAL_TOTAL_ LCL	NULLABLE	NUMBER	The total actual cost in the local currency
ACTUAL_TOTAL_ BSE	NULLABLE	NUMBER	The total actual cost in the base currency

Indexes

Index Name	Index Type	Sequence	Column Name
KCST_ CURRENCY_ LINES_N1	NONUNIQUE	1	EXCHANGE_ DATE
KCST_ CURRENCY_ LINES_N2	NONUNIQUE	1	LOCAL_ CURRENCY_ID
KCST_ CURRENCY_ LINES_U1	UNIQUE	1	CURRENCY_ LINE_ID
KCST_ CURRENCY_ LINES_U2	UNIQUE	1	PARENT_TYPE_ CODE
KCST_ CURRENCY_ LINES_U2	UNIQUE	2	PARENT_ID

Sequences

Sequence Name	Sequence Type
KCST_ CURRENCY_ LINES_S	CURRENCY_ LINE_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
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KCST_CURRENCIES	CURRENCY_ID	LOCAL_CURRENCY_ID
KNTA_USERS	USER_ID	CREATED_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 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
EXCHANGE_DATE	NOT NULL	DATE	The date of the exchange rate being modified or inserted.
NEXT_EXCHANGE_DATE	NULLABLE	DATE	The 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

Column Name	Null?	Data Type	Description
NEW_EXCHANGE_RATE	NOT NULL	NUMBER	The newly inserted or modified exchange rate
PARENT_ENTITY_TYPE	NOT NULL	VARCHAR2(200)	Identifies the type of the parent entity being updated or recalculated
PARENT_ENTITY_ID	NOT NULL	NUMBER	The foreign key that references the parent entity
UPDATE_TYPE	NOT NULL	VARCHAR2(40)	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 does not use any Sequences.

KCST_PENDING_EV_UPDATES

KCST_PENDING_EV_UPDATES temporarily 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_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_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 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
SOURCE_ENTITY_ID	NULLABLE	NUMBER	Foreign key to KNTA_ENTITIES. The type of Entity that was modified that would affect EV (Project Setup, Project, Task)
SOURCE_ID	NULLABLE	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

Index Name	Index Type	Sequence	Column Name
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

KCST_PENDING_EV_UPDATES_ERR temporarily 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 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
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(4000)	The 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

This table does not use any Sequences.

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
KNTA_SECURITY_GROUPS	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	REQUEST_TYPE_ID	REQUEST_TYPE_ID
KCRT_STATUSES	STATUS_ID	STATUS_ID
KWFL_VERIFICATION_TEMP	WORKFLOW_ID	WORKFLOW_ID
KWFL_WORKFLOWS	WORKFLOW_ID	WORKFLOW_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

Column Name	Null?	Data Type	Description
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
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
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(120)	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(320)	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(320)	Name of the type of sub-request this record is
REQUEST_SUBTYPE_NAME	NULLABLE	VARCHAR2(320)	Name of the type of sub-request this record is
DESCRIPTION	NULLABLE	VARCHAR2(960)	Short description of the demand

Column Name	Null?	Data Type	Description
RELEASE_DATE	NULLABLE	DATE	The 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(120)	Lookup code for 'WF_PARENT_STATUS'
WORKFLOW_ID	NULLABLE	NUMBER	Identifier for the workflow associated to this record.
WORKFLOW_NAME	NULLABLE	VARCHAR2(320)	Name of workflow associated with this record
DEPARTMENT_CODE	NULLABLE	VARCHAR2(120)	Lookup code for 'DEPARTMENT'.
DEPARTMENT_MEANING	NULLABLE	VARCHAR2(4000)	Description of the department
PRIORITY_CODE	NULLABLE	VARCHAR2(120)	Lookup code for 'PRIORITY'.
PRIORITY_MEANING	NULLABLE	VARCHAR2(4000)	Description of the priority
APPLICATION	NULLABLE	VARCHAR2(120)	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(800)	Name of the user wherein this demand was assigned to

Column Name	Null?	Data Type	Description
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(120)	Lookup Code for 'REQUEST_GROUP'
RELEASED_FLAG	NULLABLE	VARCHAR2(4)	Flag to determine whether the demand is released
CREATED_BY_USERNAME	NULLABLE	VARCHAR2(800)	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(800)	Name of contact for the demand
CONTACT_PHONE_NUMBER	NULLABLE	VARCHAR2(120)	Phone number of contact for the demand
CONTACT_EMAIL	NULLABLE	VARCHAR2(320)	Email address of contact for the demand
COMPANY_NAME	NULLABLE	VARCHAR2(4000)	Company name for the demand
COMPANY	NULLABLE	VARCHAR2(120)	Identifier that identify which company this demand is associated with
PERCENT_COMPLETE	NULLABLE	NUMBER	Percent complete of demand

Column Name	Null?	Data Type	Description
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(120)	Code lookup for Service Level Agreement
SLA_LEVEL	NULLABLE	VARCHAR2(400)	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(800)	User data segment
VISIBLE_PARAMETER1-50	NULLABLE	VARCHAR2(800)	User data segment
ASSIGNED_TO_NAME	NULLABLE	VARCHAR2(320)	The full name of the assigned to user
CREATED_BY_NAME	NULLABLE	VARCHAR2(320)	The full name of the created by user

Indexes

Index Name	Index Type	Sequence	Column Name
KDEM_DEMANDS_N1	NONUNIQUE	1	DEMAND_SET_ID
KDEM_DEMANDS_N1	NONUNIQUE	2	PARAMETER1
KDEM_DEMANDS_N2	NONUNIQUE	1	DEMAND_SET_ID
KDEM_DEMANDS_N2	NONUNIQUE	2	PARAMETER2

Index Name	Index Type	Sequence	Column Name
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
KDEM_DEMANDS_N5	NONUNIQUE	1	DEMAND_SET_ID
KDEM_DEMANDS_N5	NONUNIQUE	2	PARAMETER5
KDEM_DEMANDS_U1	UNIQUE	1	DEMAND_SET_ID
KDEM_DEMANDS_U1	UNIQUE	2	REQUEST_ID

Sequences

Sequence Name	Sequence Type
KDEM_DEMANDS_S	DEMAND_ID

KDEM_DEMAND_FIELDS

This table is used for storing 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	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 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
DEMAND_SET_ID	NOT NULL	NUMBER	Identifier that identifies which set the demand belongs to
FIELD_NAME	NOT NULL	VARCHAR2(400)	Name of the demand field
PARAMETER_COLUMN_NUMBER	NOT NULL	NUMBER	Column number of the demand field in the demand table

Column Name	Null?	Data Type	Description
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_U2	UNIQUE	1	DEMAND_SET_ID
KDEM_DEMAND_FIELDS_U2	UNIQUE	2	FIELD_NAME
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_SETS

This table is used for storing 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 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
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
DEMAND_SET_NAME	NOT NULL	VARCHAR2(400)	Name of the demand set
DESCRIPTION	NULLABLE	VARCHAR2(1200)	Short description for the demand set
VIEW_NAME	NOT NULL	VARCHAR2(120)	Name of the view for the demand set
ENABLED_FLAG	NOT NULL	VARCHAR2(4)	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_DEMAND_SET_REQ_TYPES

This table is the link between the various demand entities like request types (and task category, etc in future) and 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
KCRT_REQUEST_TYPES	REQUEST_TYPE_ID	REQUEST_TYPE_ID
KDEM_DEMAND_SETS	DEMAND_SET_ID	DEMAND_SET_ID

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 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
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_FIELD_MAPPINGS

This table is used for storing the 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
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KRML_PARAMETER_SET_FLDS_COPY	PARAMETER_SET_FIELD_ID	PARAMETER_SET_FIELD_ID
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_PARAMETER_SET_FIELDS	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 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
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

Column Name	Null?	Data Type	Description
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 stores a record of deleted packages for use by the SOX accelerator.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_SECURITY_GROUPS	SECURITY_GROUP_ID	ASSIGNED_TO_GROUP_ID
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	WORKFLOW_ID	WORKFLOW_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

Column Name	Null?	Data Type	Description
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 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
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
PACKAGE_NUMBER	NOT NULL	VARCHAR2(160)	The 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(960)	Short description of the Package
RELEASE_DATE	NULLABLE	DATE	Date Package is released (sets status to in-progress)
PRIORITY_CODE	NULLABLE	VARCHAR2(120)	Lookup code for 'REQUEST_PRIORITY'
PRIORITY_SEQ	NULLABLE	NUMBER	Tasks with smaller priority sequence are run earlier
STATUS_CODE	NOT NULL	VARCHAR2(120)	Lookup code for 'REQUEST_STATUS'

Column Name	Null?	Data Type	Description
PROJECT_CODE	NULLABLE	VARCHAR2(120)	The project that this Package belongs to
WORKFLOW_ID	NULLABLE	NUMBER	The workflow being used to route this Package
PARENT_STEP_TRANSACTION_ID	NULLABLE	NUMBER	Reference ID of parent Request
PACKAGE_TYPE_CODE	NULLABLE	VARCHAR2(120)	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(800)	User data segment
VISIBLE_USER_DATA1-20	NULLABLE	VARCHAR2(800)	User data segment
SOURCE_PACKAGE_ID	NULLABLE	NUMBER	Identifier of the original Package for this Distribution placeholder Package
DISTPKG_STATUS_MEANING	NULLABLE	VARCHAR2(800)	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(4)	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

Column Name	Null?	Data Type	Description
DIST_ WORKFLOW_ STEP_ID_PATH	NULLABLE	VARCHAR2(800)	Path of the Distribution Workflow Step that was executed in the transaction with DIST_STEP_TRANSACTION_ID
PERCENT_COMPLETE	NOT NULL	NUMBER	The 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
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 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 that 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 that 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	The sequence of this Line on the Package
OBJECT_TYPE_ID	NOT NULL	NUMBER	The denormalized object_type_id of the object chosen for this Line
OBJECT_NAME	NULLABLE	VARCHAR2(1200)	The denormalized object_name of the object entered on this Line
OBJECT_REVISION	NULLABLE	VARCHAR2(1200)	The denormalized object_revision of the object entered on this Line
APP_CODE	NULLABLE	VARCHAR2(120)	The 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(800)	Package Line parameter
VISIBLE_PARAMETER1-30	NULLABLE	VARCHAR2(800)	Package Line parameter
USER_DATA_SET_CONTEXT_ID	NULLABLE	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1-20	NULLABLE	VARCHAR2(800)	User data segment
VISIBLE_USER_DATA1-20	NULLABLE	VARCHAR2(800)	User data segment

Column Name	Null?	Data Type	Description
SOURCE_ PACKAGE_LINE_ ID	NULLABLE	NUMBER	Identifier of the original Package Line for this Distribution placeholder Package Line
ENABLED_FLAG	NOT NULL	VARCHAR2(4)	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

KDLV_OBJECT_TYPES 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
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KACC_ACCELERATORS	ACCELERATOR_ID	ACCELERATOR_ID

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 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
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
OBJECT_TYPE_NAME	NOT NULL	VARCHAR2(600)	The name of the object type
ACCELERATOR_ID	NULLABLE	NUMBER	Accelerator associated with the object type
OBJECT_CATEGORY	NOT NULL	VARCHAR2(120)	Lookup code for 'OBJECT_CATEGORY' can be 'REP', 'MIG', or 'AOL'

Column Name	Null?	Data Type	Description
OBJECT_NAME_COLUMN	NULLABLE	VARCHAR2(120)	The parameter column name that stores the defined object name
OBJECT_REVISION_COLUMN	NULLABLE	VARCHAR2(120)	The parameter column name that stores the defined object revision
DESCRIPTION	NULLABLE	VARCHAR2(960)	Free form text describing the object type.
OM_ENABLED_FLAG	NOT NULL	VARCHAR2(4)	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(4)	Determines whether or not this object may be used on a change request
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULLABLE	VARCHAR2(400)	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
MDL_VIEW_NAME_ROOT	NULLABLE	VARCHAR2(80)	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 O*M 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 that created the record
DYNAMIC_SQL	NULLABLE	CLOB	Dynamic SQL text

Indexes

This table does not use any Indexes.

Sequences

This table does not use any Sequences.

KDLV_OM_TEMP

This table is used by the O*M 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(160)	Oracle App. variable name
COLUMN_VALUE	NULLABLE	VARCHAR2(800)	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 does not use any Indexes.

Sequences

This table does not use any Sequences.

KDLV_PACKAGES

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

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	USER_DATA_SET_CONTEXT_ID
KNTA_USERS	USER_ID	ASSIGNED_TO_USER_ID
KNTA_SECURITY_GROUPS	SECURITY_GROUP_ID	ASSIGNED_TO_GROUP_ID
KWFL_STEP_TRANSACTIONS	STEP_TRANSACTION_ID	PARENT_STEP_TRANSACTION_ID
KWFL_WORKFLOWS	WORKFLOW_ID	WORKFLOW_ID
KNTA_USERS	USER_ID	CREATED_BY

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 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
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated

Column Name	Null?	Data Type	Description
PACKAGE_NUMBER	NOT NULL	VARCHAR2(160)	The 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(1600)	Short description of the Package
RELEASE_DATE	NULLABLE	DATE	Date Package is released (sets status to in-progress)
PRIORITY_CODE	NULLABLE	VARCHAR2(120)	Lookup code for 'REQUEST_PRIORITY'
PRIORITY_SEQ	NULLABLE	NUMBER	Tasks with smaller priority sequence are run earlier
STATUS_CODE	NOT NULL	VARCHAR2(120)	Lookup code for 'REQUEST_STATUS'
PROJECT_CODE	NULLABLE	VARCHAR2(120)	The project that this Package belongs to
WORKFLOW_ID	NULLABLE	NUMBER	The workflow being used to route this Package
PARENT_STEP_TRANSACTION_ID	NULLABLE	NUMBER	Reference ID of parent Request
PACKAGE_TYPE_CODE	NULLABLE	VARCHAR2(120)	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(800)	User data segment
VISIBLE_USER_DATA1-20	NULLABLE	VARCHAR2(800)	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(800)	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(4)	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(800)	Path of the Distribution Workflow Step that was executed in the transaction with DIST_STEP_TRANSACTION_ID
PERCENT_ COMPLETE	NOT NULL	NUMBER	The 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

Index Name	Index Type	Sequence	Column Name
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

KDLV_PACKAGES_INT 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	SECURITY_GROUP_ID	ASSIGNED_TO_GROUP_ID
KNTA_USERS	USER_ID	REQUESTED_BY
KDLV_PACKAGES	PACKAGE_ID	PACKAGE_ID
KWFL_WORKFLOWS	WORKFLOW_ID	WORKFLOW_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	USER_DATA_SET_CONTEXT_ID
KNTA_USERS	USER_ID	ASSIGNED_TO_USER_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.

Column Name	Null?	Data Type	Description
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	NULLABLE	NUMBER	Identifier for the user that created the record
CREATED_BY_USERNAME	NULLABLE	VARCHAR2(800)	Username that creates the record
CREATION_DATE	NULLABLE	DATE	Date record was created
SOURCE_CODE	NULLABLE	VARCHAR2(120)	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 that requests the record
REQUESTED_BY_USERNAME	NULLABLE	VARCHAR2(800)	Name of the user that requests the record
PACKAGE_NUMBER	NULLABLE	VARCHAR2(160)	Assigned number of the package
ASSIGNED_TO_USER_ID	NULLABLE	NUMBER	ID of the user assigned to this record
ASSIGNED_TO_USERNAME	NULLABLE	VARCHAR2(800)	Username assigned to this record

Column Name	Null?	Data Type	Description
ASSIGNED_TO_GROUP_ID	NULLABLE	NUMBER	ID of the group assigned to this record
ASSIGNED_TO_GROUP_NAME	NULLABLE	VARCHAR2(120)	Name of the group assigned to this record
DESCRIPTION	NULLABLE	VARCHAR2(1600)	Description of the record entered by user
PACKAGE_TYPE_CODE	NULLABLE	VARCHAR2(120)	Type of the package: customization, setup...
PRIORITY_CODE	NULLABLE	VARCHAR2(120)	Priority of the package: low, normal, high or critical
STATUS_CODE	NULLABLE	VARCHAR2(120)	Status of the package
PROJECT_CODE	NULLABLE	VARCHAR2(120)	Project used for this package
WORKFLOW_ID	NULLABLE	NUMBER	ID of the workflow used for this package
WORKFLOW_NAME	NULLABLE	VARCHAR2(320)	Name of the workflow used for this package
PRIORITY_SEQ	NULLABLE	NUMBER	The priority sequence of a package
RELEASE_FLAG	NULLABLE	VARCHAR2(4)	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(800)	User data segment
VISIBLE_USER_DATA1-20	NULLABLE	VARCHAR2(800)	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(320)	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(4)	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

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

Index Name	Index Type	Sequence	Column Name
KDLV_ PACKAGES_INT_ N4	NONUNIQUE	1	PACKAGE_ID

Sequences

Sequence Name	Sequence Type
KNTA_ INTERFACE_ GROUPS_S	GROUP_ID
KDLV_ PACKAGES_S	PACKAGE_ID
KDLV_ INTERFACES_S	PACKAGE_ INTERFACE_ID

KDLV_PACKAGE_LINES

KDLV_PACKAGE_LINES stores all Lines entered on a Package.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
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_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
KENV_ENV_APPS	APP_CODE	APP_CODE

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 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
PACKAGE_ID	NOT NULL	NUMBER	Package identifier
SEQ	NOT NULL	NUMBER	The sequence of this Line on the Package

Column Name	Null?	Data Type	Description
OBJECT_TYPE_ID	NOT NULL	NUMBER	The denormalized object_type_id of the object chosen for this Line
OBJECT_NAME	NULLABLE	VARCHAR2(1200)	The denormalized object_name of the object entered on this Line
OBJECT_REVISION	NULLABLE	VARCHAR2(1200)	The denormalized object_revision of the object entered on this Line
APP_CODE	NULLABLE	VARCHAR2(120)	The 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(800)	Package Line parameter
VISIBLE_PARAMETER1-30	NULLABLE	VARCHAR2(800)	Package Line parameter
USER_DATA_SET_CONTEXT_ID	NULLABLE	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1-20	NULLABLE	VARCHAR2(800)	User data segment
VISIBLE_USER_DATA1-20	NULLABLE	VARCHAR2(800)	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(4)	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

KDLV_PACKAGE_LINES_INT corresponds to KDLV_PACKAGE_LINES (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 sheduler. 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_OBJECT_TYPES	OBJECT_TYPE_ID	OBJECT_TYPE_ID
KDLV_PACKAGES	PACKAGE_ID	PACKAGE_ID
KDLV_PACKAGES_INT	PACKAGE_INTERFACE_ID	PACKAGE_INTERFACE_ID
KDLV_PACKAGE_LINES	PACKAGE_LINE_ID	PACKAGE_LINE_ID
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	PARAMETER_SET_CONTEXT_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
PACKAGE_LINE_INTERFACE_ID	NULLABLE	NUMBER	System-generated identifier

Column Name	Null?	Data Type	Description
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
PACKAGE_ID	NULLABLE	NUMBER	If not null, used to validate against the request_id in KDLV_PACKAGES
PACKAGE_NUMBER	NULLABLE	VARCHAR2(160)	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

Column Name	Null?	Data Type	Description
CREATED_BY	NULLABLE	NUMBER	Identifier for the user that created the record
CREATED_BY_USERNAME	NULLABLE	VARCHAR2(800)	Username that created this record
CREATION_DATE	NULLABLE	DATE	Date record was created
SOURCE_CODE	NULLABLE	VARCHAR2(120)	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
OBJECT_TYPE_NAME	NULLABLE	VARCHAR2(320)	If OBJECT_TYPE_ID not null, ignore this column, otherwise validate against KDLV_OBJECT_TYPES
OBJECT_NAME	NULLABLE	VARCHAR2(1200)	Do we try to populate this from the object type definition and the parameter column values?

Column Name	Null?	Data Type	Description
APP_CODE	NULLABLE	VARCHAR2(120)	If not null, validate against the distinct APP_CODES in KDLV_ENVIRONMENT_APPS
PARAMETER_SET_CONTEXT_ID	NULLABLE	NUMBER	The 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(800)	Package line parameter
VISIBLE_PARAMETER1-30	NULLABLE	VARCHAR2(800)	Package line parameter
RELEASE_FLAG	NULLABLE	VARCHAR2(4)	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(800)	User data segment
VISIBLE_USER_DATA1-20	NULLABLE	VARCHAR2(800)	User data segment
OBJECT_REVISION	NULLABLE	VARCHAR2(1200)	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(4)	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
KNTA_ INTERFACE_ GROUPS_S	GROUP_ID
KDLV_ INTERFACES_S	PACKAGE_LINE_ INTERFACE_ID
KDLV_ PACKAGE_ LINES_S	PACKAGE_LINE_ ID

KDLV_PACKAGE_NOTES_INT

KDLV_PACKAGE_NOTES_INT corresponds to KNTA_NOTES (Notes for a Package). 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 sheduler. 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
KDLV_PACKAGES	PACKAGE_ID	PACKAGE_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_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

Column Name	Null?	Data Type	Description
PACKAGE_NUMBER	NULLABLE	VARCHAR2(160)	If not null, used to validate against the package_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 that created the record
CREATED_BY_USERNAME	NULLABLE	VARCHAR2(800)	Username that created this record
CREATION_DATE	NULLABLE	DATE	Date record was created
SOURCE_CODE	NULLABLE	VARCHAR2(120)	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(4)	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_PATCH_REPORT_TMP

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

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KENV_ENVIRONMENTS	ENVIRONMENT_ID	DEST_ENVIRONMENT_ID
KDLV_PACKAGES	PACKAGE_ID	PACKAGE_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(320)	The number of the Oracle Patch applied
APP_CODE	NULLABLE	VARCHAR2(320)	The app code the patch was run under
PACKAGE_ID	NULLABLE	NUMBER	The identifier of the change request
PACKAGE_LINE_ID	NULLABLE	NUMBER	The identifier of the change request line
ACTION_DATE	NULLABLE	DATE	The date the migration took place
LINE_SEQ	NULLABLE	NUMBER	The sequence of the change request line
APPLIED_BY_NAME	NULLABLE	VARCHAR2(320)	A descriptor for the patch
DEST_ENVIRONMENT_ID	NULLABLE	NUMBER	The destination environment

Column Name	Null?	Data Type	Description
CRH_ROWID	NULLABLE	ROWID	The rowid of the header for the Deployment Management package
LAST_WORKFLOW_STEP_ID	NULLABLE	NUMBER	teh last workflow step traversed
PACKAGE_NUMBER	NULLABLE	VARCHAR2(160)	The package number
REVISION	NULLABLE	VARCHAR2(800)	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 does not use any Sequences.

KDLV_PENDING_JOBS

KDLV_PENDING_JOBS is being used to keep track of executions that submit mainframe jobs.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KWFL_PENDING_EXEC_OBJECTS	BATCH_ID	BATCH_ID
KDLV_PACKAGES	PACKAGE_ID	PACKAGE_ID
KWFL_STEP_TRANSACTIONS	STEP_TRANSACTION_ID	STEP_TRANSACTION_ID
KNTA_USERS	USER_ID	CREATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
PACKAGE_ID	NOT NULL	NUMBER	Package ID. Refers to KDLV_PACKAGES.
BATCH_ID	NOT NULL	NUMBER	The execution batch id used to launch the mainframe job. Refers to KWFL_PENDING_EXEC_OBJECTS

Column Name	Null?	Data Type	Description
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(120)	The result of the job's execution upon completion of the job.
VISIBLE_USER_STATUS_VALUE	NULLABLE	VARCHAR2(800)	The visible result of the status that is shown to the user.
RESULT_VALUE	NULLABLE	VARCHAR2(800)	Holds the hidden result value from a successfully completed workflow step. Valid values in this field are determined by the validation associated to the given workflow step.
FILE_PATH	NOT NULL	VARCHAR2(800)	The absolute path (on the app server) to the JCL file that was submitted.
FILENAME	NOT NULL	VARCHAR2(800)	The 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 that 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 that last updated the record

Indexes

This table does not use any Indexes.

Sequences

This table does not use any Sequences.

KDLV_PENDING_PACKAGES

KDLV_PENDING_PACKAGES is being used to keep track 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
KWFL_STEP_TRANSACTIONS	STEP_TRANSACTION_ID	STEP_TRANSACTION_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KWFL_PENDING_EXEC_OBJECTS	BATCH_ID	BATCH_ID
KENV_ENVIRONMENTS	ENVIRONMENT_ID	DEST_ENVIRONMENT_ID
KDLV_PACKAGE_LINES	PACKAGE_LINE_ID	PACKAGE_LINE_ID
KDLV_PACKAGES	PACKAGE_ID	PACKAGE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
PACKAGE_ID	NOT NULL	NUMBER	The Package ID. Refers to KDLV_PACKAGES
BATCH_ID	NOT NULL	NUMBER	The execution batch id used to launch the concurrent request. Refers to KWFL_PENDING_EXEC_OBJECTS

Column Name	Null?	Data Type	Description
CONC_REQUEST_ID	NOT NULL	NUMBER	The 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 DBLinks.
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(512)	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(120)	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.

Column Name	Null?	Data Type	Description
STATUS	NOT NULL	VARCHAR2(120)	The status of the concurrent request. If 'COMPLETED' then result_value should 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(800)	Holds the hidden result value from a successfully completed workflow step. Valid values in this field are determined by the validation associated to the given workflow step.
VISIBLE_USER_STATUS_VALUE	NULLABLE	VARCHAR2(800)	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 to the given workflow step.

Column Name	Null?	Data Type	Description
CHANGED_FLAG	NOT NULL	VARCHAR2(4)	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 be 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 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
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	The 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(120)	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'.

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 does not use any Sequences.

KDLV_RESPONSES

KDLV_RESPONSES 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
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KDLV_RESPONSES	RESPONSE_ID	PARENT_RESPONSE_ID

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(160)	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'.

Column Name	Null?	Data Type	Description
VERSION	NOT NULL	VARCHAR2(160)	System-generated version for the entity. This column should not be updated manually
PROMPT_TYPE	NOT NULL	VARCHAR2(960)	Identifies the prompt type. (A command parameter, multi-line prompt, sql response, token response, value, menu item)
PROMPT	NOT NULL	VARCHAR2(960)	The prompt to search for
RESPONSE	NULLABLE	VARCHAR2(2000)	The response that will be issued if the prompt is found
ENCRYPT_FLAG	NOT NULL	VARCHAR2(4)	Signifies the response should be encrypted (e.g. it is a password)
EXIT_FLAG	NOT NULL	VARCHAR2(4)	Exit after processing this prompt
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	NULLABLE	NUMBER	Identifier for the user that last updated the record
NEXT_MODULE	NULLABLE	VARCHAR2(160)	Next module to respond to (used when interacting with menus)
NEXT_VERSION	NULLABLE	VARCHAR2(160)	Next version to respond to (used when interacting with menus)

Column Name	Null?	Data Type	Description
BUFFER_LINES	NULLABLE	NUMBER	Number of buffered lines to search for a menu item
EXECUTION_FLAG	NULLABLE	VARCHAR2(4)	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(800)	Show the action taken in conjunction with this response. Action is in addition to the normal response processing.
DEFAULT_PROMPT_TYPE	NULLABLE	VARCHAR2(960)	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 does not use any 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
KWFL_WORKFLOW_STEPS	WORKFLOW_STEP_ID	WORKFLOW_STEP_ID
KNTA_USERS	USER_ID	CREATED_BY
KDLV_PACKAGES	PACKAGE_ID	PACKAGE_ID
KDLV_PACKAGE_LINES	PACKAGE_LINE_ID	PACKAGE_LINE_ID
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

Column Name	Null?	Data Type	Description
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 that created the record
CREATED_BY_ USERNAME	NULLABLE	VARCHAR2(800)	Username that creates the record
CREATION_DATE	NULLABLE	DATE	Date record was created
SOURCE_CODE	NULLABLE	VARCHAR2(120)	Common column, used to differentiate interface records by their point of origin
PACKAGE_ID	NULLABLE	NUMBER	ID of a Package
PACKAGE_ NUMBER	NULLABLE	VARCHAR2(160)	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(320)	Name of a step in a workflow
RESULT_VALUE	NULLABLE	VARCHAR2(800)	Hidden value of a workflow status

Column Name	Null?	Data Type	Description
VISIBLE_RESULT_VALUE	NULLABLE	VARCHAR2(800)	Visible value of a workflow status
EXECUTE_FLAG	NULLABLE	VARCHAR2(4)	Whether or not a specific step is executable
COMMENTS	NULLABLE	VARCHAR2(4000)	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 does not use any Sequences.

KDLV_WORKFLOW_EXTN

This table contains additional information for 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	LAST_UPDATED_BY
KWFL_WORKFLOWS	WORKFLOW_ID	WORKFLOW_ID
KNTA_USERS	USER_ID	CREATED_BY

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 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
WORKFLOW_ID	NOT NULL	NUMBER	Identifier for Workflow ID
RESTRICTION_CODE	NOT NULL	VARCHAR2(120)	Code that specifies whether the Workflow security is restricted to a particular group(s)
ASSIGNED_TO_FILTER_CODE	NOT NULL	VARCHAR2(120)	Code that specifies what the Workflow Assigned To filter is set to

Column Name	Null?	Data Type	Description
ASSIGNED__ GRP_FILTER_ CODE	NOT NULL	VARCHAR2(120)	Code that specifies what the Workflow Assigned To Group filter is set to
SOURCE_TYPE_ CODE	NULLABLE	VARCHAR2(120)	Used to differentiate interface records by their point of origin.
SOURCE	NULLABLE	VARCHAR2(400)	Denotes the external source of the workflow
AUDIT_FLAG	NOT NULL	VARCHAR2(4)	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_CALENDARS

This table contains 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 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
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
CALENDAR_NAME	NULLABLE	VARCHAR2(400)	Name of the calendar
PARENT_CALENDAR_ID	NULLABLE	NUMBER	The ID of this calendar's parent, from which exceptions will be inherited.
CALENDAR_TYPE_CODE	NOT NULL	VARCHAR2(120)	The 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(4)	Flag to indicate if this calendar is the system default
ENABLED_FLAG	NOT NULL	VARCHAR2(4)	Flag to indicate if this calendar is enabled
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column should 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_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
KDRV_CALENDARS	CALENDAR_ID	CALENDAR_ID

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 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
EVENT_DATE	NOT NULL	DATE	Date of the event
REASON_CODE	NULLABLE	VARCHAR2(120)	Reason for this event
DESCRIPTION	NULLABLE	VARCHAR2(800)	Description of the event
WORKING_DAY_FLAG	NOT NULL	VARCHAR2(4)	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 holds settings information for Regional Calendars.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KDRV_CALENDARS	CALENDAR_ID	CALENDAR_ID
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 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
CALENDAR_ID	NOT NULL	NUMBER	Identifier for the calendar that uses these settings
SUNDAY_FLAG	NOT NULL	VARCHAR2(4)	Flag to indicate if Sunday is a working day by default
MONDAY_FLAG	NOT NULL	VARCHAR2(4)	Flag to indicate if Monday is a working day by default
TUESDAY_FLAG	NOT NULL	VARCHAR2(4)	Flag to indicate if Tuesday is a working day by default

Column Name	Null?	Data Type	Description
WEDNESDAY_FLAG	NOT NULL	VARCHAR2(4)	Flag to indicate if Wednesday is a working day by default
THURSDAY_FLAG	NOT NULL	VARCHAR2(4)	Flag to indicate if Thursday is a working day by default
FRIDAY_FLAG	NOT NULL	VARCHAR2(4)	Flag to indicate if Friday is a working day by default
SATURDAY_FLAG	NOT NULL	VARCHAR2(4)	Flag to indicate if Saturday is a working day by default
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	The 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_COST_METRICS_BY_PERIOD

KDRV_COST_METRICS_BY_PERIOD contains 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	CURRENCY_ID	LOCAL_CURRENCY_ID
KNTA_PERIODS	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 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
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
PLANNED_VALUE_BSE	NULLABLE	NUMBER	Planned cost value in base currency
EARNED_VALUE_LCL	NULLABLE	NUMBER	Earned value in local currency

Column Name	Null?	Data Type	Description
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	PERIOD_ID

Sequences

Sequence Name	Sequence Type
KDRV_COST_ METRICS_BY_ PERIOD_S	COST_METRICS_ BY_PERIOD_ID

KDRV_PROJECTS_TEMP

This a temp table used while copying projects, it does not store any 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

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 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
NEW_PROJECT_ID	NOT NULL	NUMBER	the new project id
OLD_PROJECT_ID	NOT NULL	NUMBER	the old project id

Indexes

Index Name	Index Type	Sequence	Column Name
KDRV_PROJECTS_TEMP_N1	NONUNIQUE	1	GROUP_ID
KDRV_PROJECTS_TEMP_N1	NONUNIQUE	2	OLD_PROJECT_ID
KDRV_PROJECTS_TEMP_N1	NONUNIQUE	3	NEW_PROJECT_ID

Sequences

This table does not use any Sequences.

KDRV_ROLLUP_METHODS

KDRV_ROLLUP_METHODS 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 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
ROLLUP_METHOD_NAME	NOT NULL	VARCHAR2(120)	Name, which users see, representing this Roll-up Method (this row)
PROJECT_FIELD_DATA_TYPE	NOT NULL	VARCHAR2(120)	Data type of the Project field that this Roll-up Method can operate on
TASK_FIELD_DATA_TYPE	NOT NULL	VARCHAR2(120)	Data type of the Task field that this Roll-up Method can operate on
DESCRIPTION	NULLABLE	VARCHAR2(1200)	Free-form description explaining the behavior of this Roll-up Method

Column Name	Null?	Data Type	Description
ROLLUP_ METHOD_ CLASS_NAME	NOT NULL	VARCHAR2(1200)	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(1200)	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(4000)	Parameterized sql update statement for executing roll-up computations when a Task is updated
SYSTEM_FLAG	NOT NULL	VARCHAR2(4)	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

KDRV_ROLLUP_SETUPS 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
KDRV_ROLLUP_METHODS	ROLLUP_METHOD_ID	ROLLUP_METHOD_ID
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 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
ENABLED_FLAG	NOT NULL	VARCHAR2(4)	Denote whether this Roll-up Setup should be runned when a Task is updated
DESCRIPTION	NULLABLE	VARCHAR2(1200)	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

Column Name	Null?	Data Type	Description
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(320)	Name of the data column to store the roll-up result in a Project node
TASK_COLUMN_NAME	NULLABLE	VARCHAR2(320)	Name of the data column to read values from Task nodes for computing the roll-up result
ROLLUP_METHOD_CLASS_NAME	NOT NULL	VARCHAR2(1200)	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(1200)	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

Column Name	Null?	Data Type	Description
RESOLVED_UPDATE_SQL	NOT NULL	VARCHAR2(4000)	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 defines the States available for a Project and Task.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_ENTITIES	ENTITY_ID	ENTITY_ID
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 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
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
ENTITY_ID	NULLABLE	NUMBER	Project or task entity id, used for differentiating states of project from tasks.
STATE_NAME	NULLABLE	VARCHAR2(400)	Name of the state
ENABLED_FLAG	NULLABLE	VARCHAR2(4)	Y or N flag denotes whether the state is enabled
SEND_NOTIFICATIONS_FLAG	NULLABLE	VARCHAR2(4)	Y or N flag, denotes whether notifications are to be sent in this state

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

Sequences

Sequence Name	Sequence Type
KDRV_STATES_ S	STATE_ID

KDRV_WORKING_DAYS

This table holds denormalized 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
KDRV_CALENDARS	CALENDAR_ID	CALENDAR_ID
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 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
WORKING_DAY_DATE	NOT NULL	DATE	The calendar date
WORKING_DAY_FLAG	NOT NULL	VARCHAR2(4)	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_SOURCES

defines the available Data Sources throughout the dashboard.

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
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 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
DATA_SOURCE_NAME	NOT NULL	VARCHAR2(320)	Data Source name
DESCRIPTION	NULLABLE	VARCHAR2(1600)	Description of the Data Source
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)

Column Name	Null?	Data Type	Description
SOURCE	NULLABLE	VARCHAR2(400)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.
ENABLED_FLAG	NOT NULL	VARCHAR2(4)	A flat to indicate whether this Data Source is enabled to be used.
RESTRICT_ACCESS_FLAG	NOT NULL	VARCHAR2(4)	If the value is Y, the Data Source security checks are made.
BASE_FROM_CLAUSE	NULLABLE	VARCHAR2(4000)	The default FROM clause of the query that is used to load the data for this Data Source.
BASE_WHERE_CLAUSE	NULLABLE	CLOB	The default WHERE clause of the query that is used to load the data for this Data Source.
BASE_ORDER_BY_CLAUSE	NULLABLE	VARCHAR2(4000)	The default ORDER_BY clause of the query that is used to load the data for this Data Source.
BASE_GROUP_BY_CLAUSE	NULLABLE	VARCHAR2(4000)	The default GROUP_BY clause of the query that is used to load the data for this Data Source.
BASE_HAVING_CLAUSE	NULLABLE	VARCHAR2(4000)	The default HAVING clause of the query that is used to load the data for this Data Source.

Column Name	Null?	Data Type	Description
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
TIMEOUT	NULLABLE	NUMBER	Time in seconds after which the Data Source query will be timed out.
LIMIT_RESULTS_FLAG	NOT NULL	VARCHAR2(4)	Flag that determines if the Data Source has a limit on the number of results
USE_BIND_VARIABLES_FLAG	NOT NULL	VARCHAR2(4)	If this flag is set to Yes, the Data Source 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.

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

Sequences

Sequence Name	Sequence Type
KDSH_DATA_SOURCES_S	DATA_SOURCE_ID

KDSH_DATA_SOURCE_COLUMNS

stores the list of available columns for each Data Source.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KDSH_DATA_SOURCES	DATA_SOURCE_ID	DATA_SOURCE_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	CREATED_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 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
DESCRIPTION	NULLABLE	VARCHAR2(4000)	The description for the purpose of this column.
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)

Column Name	Null?	Data Type	Description
SOURCE	NULLABLE	VARCHAR2(400)	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(4000)	The database column name of this column.
COLUMN_TYPE	NOT NULL	VARCHAR2(120)	Defines type of data fetched in the column (e.g., numeric, string, date, etc.)
DATA_SOURCE_ID	NOT NULL	NUMBER	The ID of the Data Source to which this column belongs.
NAME	NOT NULL	VARCHAR2(400)	Unique name of the column.
COLUMN_ALIAS	NOT NULL	VARCHAR2(120)	Unique alias for the column.
HYPERLINK_TYPE	NULLABLE	VARCHAR2(120)	Type of the hyperlink.
HYPERLINK_ENTITY_DB_COLUMN	NULLABLE	VARCHAR2(4000)	The database column name containing the entity for this hyperlink column.
HYPERLINK_TEXT	NULLABLE	VARCHAR2(4000)	Custom Hyperlink defined by user.
CURRENCY_BASE_DB_COLUMN	NULLABLE	VARCHAR2(4000)	The database column name containing the base currency for this currency column.
CURRENCY_ID_DB_COLUMN	NULLABLE	VARCHAR2(4000)	The database column name containing the currency id for this currency column.

Column Name	Null?	Data Type	Description
CURRENCY_ LOCAL_DB_ COLUMN	NULLABLE	VARCHAR2(4000)	The 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 i.e., 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_PARAMETER_SET_FIELDS	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
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 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
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)

Column Name	Null?	Data Type	Description
SOURCE	NULLABLE	VARCHAR2(400)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.
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_DISTRIBUTION_ERRORS

This table collects the errors that may be encountered while distributing the module. Each user that errored out is listed separately along with the reason for the error.

Foreign Keys

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

Column Descriptions

Column Name	Null?	Data Type	Description
DISTRIBUTION_ERROR_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
MODULE_DISTRIBUTION_ID	NOT NULL	NUMBER	Error row belongs to this module distribution transaction.
USER_ID	NOT NULL	NUMBER	Module could not be distributed to this user.
ERROR_MESSAGE	NULLABLE	VARCHAR2(4000)	Module could not be distributed for the reason mentioned here.

Indexes

Index Name	Index Type	Sequence	Column Name
KDSH_ DISTRIBUTION_ ERRORS_N1	NONUNIQUE	1	MODULE_ DISTRIBUTION_ ID
KDSH_ DISTRIBUTION_ ERRORS_N2	NONUNIQUE	1	USER_ID
KDSH_ DISTRIBUTION_ ERRORS_U1	UNIQUE	1	DISTRIBUTION_ ERROR_ID

Sequences

Sequence Name	Sequence Type
KDSH_ DISTRIBUTION_ ERRORS_S	DISTRIBUTION_ ERROR_ID

KDSH_DISTRIBUTION_USERS

Module can be distributed individual users defined in thsi table.

Foreign Keys

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

Column Descriptions

Column Name	Null?	Data Type	Description
DISTRIBUTION_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 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
MODULE_DISTRIBUTION_ID	NOT NULL	NUMBER	Defines the module distribution header information.
USER_ID	NOT NULL	NUMBER	Module needs to be distributed to this user.

Indexes

Index Name	Index Type	Sequence	Column Name
KDSH_DISTRIBUTION_USERS_N1	NONUNIQUE	1	MODULE_DISTRIBUTION_ID

Index Name	Index Type	Sequence	Column Name
KDSH_ DISTRIBUTION_ USERS_N2	NONUNIQUE	1	USER_ID
KDSH_ DISTRIBUTION_ USERS_U1	UNIQUE	1	DISTRIBUTION_ USER_ID

Sequences

Sequence Name	Sequence Type
KDSH_ DISTRIBUTION_ USERS_S	DISTRIBUTION_ USER_ID

KDSH_DIST_IMPACTED_USERS

This is the denormalized table where all the users are stored regardless of the criteria used to pick the users.

Foreign Keys

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

Column Descriptions

Column Name	Null?	Data Type	Description
DIST_IMPACTED_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 that created the record
MODULE_DISTRIBUTION_ID	NOT NULL	NUMBER	Defines the module distribution header information.
USER_ID	NOT NULL	NUMBER	Module needs to be distributed to this user.

Indexes

Index Name	Index Type	Sequence	Column Name
KDSH_DIST_IMPACTED_USERS_N1	NONUNIQUE	1	MODULE_DISTRIBUTION_ID
KDSH_DIST_IMPACTED_USERS_U1	UNIQUE	1	DIST_IMPACTED_USER_ID

Sequences

Sequence Name	Sequence Type
KDSH_DIST_	DIST_
IMPACTED_	IMPACTED_
USERS_S	USER_ID

KDSH_DIST_ORG_UNITS

Module distribution process allows the admin to pick the users by selecting the org unit. Module will be distributed to all the members of this org unit hierarchy.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KDSH_MODULE_DISTRIBUTIONS	MODULE_DISTRIBUTION_ID	MODULE_DISTRIBUTION_ID
KRSC_ORG_UNITS	ORG_UNIT_ID	ORG_UNIT_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
DIST_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 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
MODULE_DISTRIBUTION_ID	NOT NULL	NUMBER	Defines the module distribution header information.
ORG_UNIT_ID	NOT NULL	NUMBER	Module needs to be distributed to all members of this org unit hierarchy

Indexes

Index Name	Index Type	Sequence	Column Name
KDSH_DIST_ORG_UNITS_N1	NONUNIQUE	1	MODULE_DISTRIBUTION_ID
KDSH_DIST_ORG_UNITS_N2	NONUNIQUE	1	ORG_UNIT_ID
KDSH_DIST_ORG_UNITS_U1	UNIQUE	1	DIST_ORG_UNIT_ID

Sequences

Sequence Name	Sequence Type
KDSH_DIST_ORG_UNITS_S	DIST_ORG_UNIT_ID

KDSH_DIST_SECURITY_GRP

Module distribution process allows the admin to pick the users by selecting a security group. Module will be distributed to all the members of this security group.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KDSH_MODULE_DISTRIBUTIONS	MODULE_DISTRIBUTION_ID	MODULE_DISTRIBUTION_ID
KNTA_SECURITY_GROUPS	SECURITY_GROUP_ID	SECURITY_GROUP_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
DIST_SECURITY_GRP_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
MODULE_DISTRIBUTION_ID	NOT NULL	NUMBER	Defines the module distribution header information.
SECURITY_GROUP_ID	NOT NULL	NUMBER	Module will be distributed to all the members of this security group.

Indexes

Index Name	Index Type	Sequence	Column Name
KDSH_DIST_ SECURITY_ GRPS_N1	NONUNIQUE	1	MODULE_ DISTRIBUTION_ ID
KDSH_DIST_ SECURITY_ GRPS_N2	NONUNIQUE	1	SECURITY_ GROUP_ID
KDSH_DIST_ SECURITY_ GRPS_U1	UNIQUE	1	DIST_ SECURITY_GRP_ ID

Sequences

Sequence Name	Sequence Type
KDSH_DIST_ SECURITY_ GRPS_S	DIST_ SECURITY_GRP_ ID

KDSH_DYNAMIC_FILTERS

During Module creation admin can define dynamic filters for specific portlets. This table stores the dynamic filter definition. During module distribution these dynamic filters will be resolved to static values (currently only user_id).

Foreign Keys

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

Column Descriptions

Column Name	Null?	Data Type	Description
DYNAMIC_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 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
PORTLET_ID	NOT NULL	NUMBER	Portlet for which the dynamic filter is defined.
DYNAMIC_FILTER_NAME	NOT NULL	VARCHAR2(320)	Internal field
FILTER_FIELD_TOKEN	NOT NULL	VARCHAR2(800)	This is Hidden value. E.g., H_ASSIGNED_TO_USER_ID
FILTER_FIELD_PROMPT	NOT NULL	VARCHAR2(800)	This is Visible value. E.g., Assigned To

Column Name	Null?	Data Type	Description
FILTER_VALUE_TOKEN	NOT NULL	VARCHAR2(800)	This is the token that should be resolved during distribution. E.g., SYS.USER_ID

Indexes

Index Name	Index Type	Sequence	Column Name
KDSH_DYNAMIC_FILTERS_N1	NONUNIQUE	1	PORTLET_ID
KDSH_DYNAMIC_FILTERS_U1	UNIQUE	1	DYNAMIC_FILTER_ID

Sequences

Sequence Name	Sequence Type
KDSH_DYNAMIC_FILTERS_S	DYNAMIC_FILTER_ID

KDSH_MODULES

Module is a grouping of portlets and tabs. Modules can be used to publish or distribute the portlets to the end-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

Column Descriptions

Column Name	Null?	Data Type	Description
MODULE_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
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
MODULE_NAME	NOT NULL	VARCHAR2(320)	Name of the Module
DESCRIPTION	NOT NULL	VARCHAR2(4000)	Module's description
DEFAULT_DASHBOARD_FLAG	NOT NULL	VARCHAR2(4)	Is this module a default dashboard module? Only one module can be default dashboard module.

Column Name	Null?	Data Type	Description
DEFAULT_DASHBOARD_CODE	NULLABLE	VARCHAR2(120)	Defines the default dashboard mechanism; Published or Distributed.
LAST_PUBLISHED_DATE	NULLABLE	DATE	Date when this module was last published
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(120)	Internal field
SOURCE	NULLABLE	VARCHAR2(400)	Internal field

Indexes

Index Name	Index Type	Sequence	Column Name
KDSH_MODULES_U1	UNIQUE	1	MODULE_ID
KDSH_MODULES_U2	UNIQUE	1	MODULE_NAME

Sequences

Sequence Name	Sequence Type
KDSH_MODULES_S	MODULE_ID

KDSH_MODULE_DISTRIBUTIONS

Information in this table defines the Module distribution transaction.

Foreign Keys

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

Column Descriptions

Column Name	Null?	Data Type	Description
MODULE_DISTRIBUTION_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
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
MODULE_ID	NOT NULL	NUMBER	This Module's content will be distributed.
MODULE_DISTRIBUTION_CODE	NOT NULL	VARCHAR2(120)	Possible values are: Publish, Distribute Module, Distribute Page, Distribute Portlet, Remove Publication
STATUS_CODE	NOT NULL	VARCHAR2(320)	Status of the distribution transaction.

Column Name	Null?	Data Type	Description
PERCENT_COMPLETE	NOT NULL	NUMBER	Defines quantitatively the amount of transaction that is complete.
NOTIFY_USERS_FLAG	NOT NULL	VARCHAR2(4)	Defines if the transaction involves notification.
NOTIFY_TO_AS_BCC_FLAG	NOT NULL	VARCHAR2(4)	Defines if notify all the impacted users as BCC.
REMOVE_ALL_PUB_USERS_FLAG	NOT NULL	VARCHAR2(4)	Used to provide a convenient way for Admin to remove the module from all users.

Indexes

Index Name	Index Type	Sequence	Column Name
KDSH_MODULE_DISTRIBUTIONS_N1	NONUNIQUE	1	MODULE_ID
KDSH_MODULE_DISTRIBUTIONS_U1	UNIQUE	1	MODULE_DISTRIBUTION_ID

Sequences

Sequence Name	Sequence Type
KDSH_MODULE_DISTRIBUTIONS_S	MODULE_DISTRIBUTION_ID

KDSH_MODULE_DIST_PAGES

This table defines which page(s) of the module needs to be distributed. Records in this table are needed only if pages and not entire module is distributed.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KDSH_MODULE_DISTRIBUTIONS	MODULE_DISTRIBUTION_ID	MODULE_DISTRIBUTION_ID
KNTA_USER_PAGE_TABS	USER_PAGE_TAB_ID	USER_PAGE_TAB_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
MODULE_DIST_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 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
MODULE_DISTRIBUTION_ID	NOT NULL	NUMBER	Defines the module distribution header information.
USER_PAGE_TAB_ID	NOT NULL	NUMBER	Content of this page needs to be distributed.

Indexes

Index Name	Index Type	Sequence	Column Name
KDSH_MODULE_DIST_PAGES_N1	NONUNIQUE	1	MODULE_DISTRI BUTION_ID
KDSH_MODULE_DIST_PAGES_N2	NONUNIQUE	1	USER_PAGE_ TAB_ID
KDSH_MODULE_DIST_PAGES_U1	UNIQUE	1	MODULE_DIST_ PAGE_ID

Sequences

Sequence Name	Sequence Type
KDSH_MODULE_DIST_PAGES_S	MODULE_DIST_ PAGE_ID

KDSH_MODULE_DIST_PORTLETS

Defines which portlet need to be distributed.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KDSH_MODULE_DISTRIBUTIONS	MODULE_DISTRIBUTION_ID	MODULE_DISTRIBUTION_ID
KNTA_PORTLETS	PORTLET_ID	PORTLET_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
MODULE_DIST_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 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
MODULE_DISTRIBUTION_ID	NOT NULL	NUMBER	Defines the module distribution header information.
PORTLET_ID	NOT NULL	NUMBER	This portlet needs to be distributed.
FRONT_PAGE_FLAG	NOT NULL	VARCHAR2(4)	Place the portlet on the first available user-controlled page?

Column Name	Null?	Data Type	Description
NEW_PAGE_NAME	NULLABLE	VARCHAR2(320)	Create a new page and place the portlet on that page.

Indexes

Index Name	Index Type	Sequence	Column Name
KDSH_MODULE_DIST_PORTLETS_N1	NONUNIQUE	1	MODULE_DISTRIBUTION_ID
KDSH_MODULE_DIST_PORTLETS_N2	NONUNIQUE	1	PORTLET_ID
KDSH_MODULE_DIST_PORTLETS_U1	UNIQUE	1	MODULE_DIST_PORTLET_ID

Sequences

Sequence Name	Sequence Type
KDSH_MODULE_DIST_PORTLETS_S	MODULE_DIST_PORTLET_ID

KDSH_PUBLISHED_MODULE_USERS

Module distribution process allows the admin to pick the users by selecting the modules which already are published to those users. E.g., publish the module B to users who already have module A.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KDSH_MODULE_DISTRIBUTIONS	MODULE_DISTRIBUTION_ID	MODULE_DISTRIBUTION_ID
KDSH_MODULES	MODULE_ID	MODULE_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
PUBLISHED_MODULE_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 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
MODULE_DISTRIBUTION_ID	NOT NULL	NUMBER	Defines the module distribution header information.
MODULE_ID	NOT NULL	NUMBER	Users who already have this module.

Indexes

Index Name	Index Type	Sequence	Column Name
KDSH_PUBLISHED_MODULE_USERS_N1	NONUNIQUE	1	MODULE_DISTRIBUTION_ID
KDSH_PUBLISHED_MODULE_USERS_N2	NONUNIQUE	1	MODULE_ID
KDSH_PUBLISHED_MODULE_USERS_U1	UNIQUE	1	PUBLISHED_MODULE_USER_ID

Sequences

Sequence Name	Sequence Type
KDSH_PUBLISHED_MODULE_USERS_S	PUBLISHED_MODULE_USER_ID

KENV_ENVIRONMENTS

KENV_ENVIRONMENTS 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	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 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
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
ENVIRONMENT_NAME	NOT NULL	VARCHAR2(320)	The name of the environment
DESCRIPTION	NULLABLE	VARCHAR2(960)	The description of the environment
LOCATION	NULLABLE	VARCHAR2(960)	The physical location of the machine (used for reporting only)

Column Name	Null?	Data Type	Description
SERVER_NAME	NULLABLE	VARCHAR2(400)	The DNS name or IP Address of the server.
SERVER_TYPE_CODE	NULLABLE	VARCHAR2(120)	Lookup code for 'SERVER_TYPE_CODE'; defines the operating system of the server
SERVER_USERNAME	NULLABLE	VARCHAR2(120)	The default username used when connecting via FTP, SCP, Telnet, or SSH to the machine
SERVER_PASSWORD	NULLABLE	VARCHAR2(800)	(ENCRYPTED) The password used when connecting to the machine
SERVER_NT_DOMAIN	NULLABLE	VARCHAR2(320)	The domain of the Windows NT server
SERVER_BASE_PATH	NULLABLE	VARCHAR2(320)	The initial path for this environment; the server will change to this directory after successfully connecting
SERVER_CONNECTION_PROTOCOL	NULLABLE	VARCHAR2(120)	Lookup code for 'CONNECTION_PROTOCOL'; defines the protocol for interaction connections to this server
SERVER_TRANSFER_PROTOCOL	NULLABLE	VARCHAR2(120)	Lookup code for 'TRANSFER_PROTOCOL'; defines the protocol for file transfers to and from this server

Column Name	Null?	Data Type	Description
CLIENT_NAME	NULLABLE	VARCHAR2(400)	The DNS name or IP address of the client
CLIENT_TYPE_CODE	NULLABLE	VARCHAR2(120)	Lookup code for 'SERVER_TYPE_CODE'; defines the operating system of the client.
CLIENT_USERNAME	NULLABLE	VARCHAR2(120)	The default username used when connecting via FTP, SCP, Telnet, or SSH to the machine
CLIENT_PASSWORD	NULLABLE	VARCHAR2(800)	(ENCRYPTED) The password used when connecting to the machine
CLIENT_NT_DOMAIN	NULLABLE	VARCHAR2(320)	The NT Domain of the client machine
CLIENT_BASE_PATH	NULLABLE	VARCHAR2(320)	The initial path for this environment; the client will change to this directory after successfully connecting
CLIENT_CONNECTION_PROTOCOL	NULLABLE	VARCHAR2(120)	Lookup code for 'CONNECTION_PROTOCOL'; defines the protocol for interaction connections to this client
CLIENT_TRANSFER_PROTOCOL	NULLABLE	VARCHAR2(120)	Lookup code for 'TRANSFER_PROTOCOL'; defines the protocol for file transfers to and from this client

Column Name	Null?	Data Type	Description
DB_NAME	NULLABLE	VARCHAR2(400)	The database name for this environment's associated database
DB_ORACLE_SID	NULLABLE	VARCHAR2(120)	The \$ORACLE_SID for the database
DB_CONNECTION_STRING	NULLABLE	VARCHAR2(120)	The connection string (from tnsnames.ora) for the database
DB_USERNAME	NULLABLE	VARCHAR2(120)	The default username for connecting to or executing scripts against the database
DB_PASSWORD	NULLABLE	VARCHAR2(800)	(ENCRYPTED) The password used when connecting to or executing scripts against the database
DB_VERSION	NULLABLE	VARCHAR2(160)	The database version for the database (used for reporting only)
DB_LINK	NULLABLE	VARCHAR2(520)	Database link
DB_PORT_NUMBER	NULLABLE	NUMBER	Port number -- used mainly in environment comparison
DATABASE_TYPE	NOT NULL	VARCHAR2(160)	Type of database. Current valid values include Oracle, SQL Server
MSSQL_DB_NAME	NULLABLE	VARCHAR2(120)	Name of database (for SQL Server)

Column Name	Null?	Data Type	Description
ENABLED_FLAG	NOT NULL	VARCHAR2(4)	Determines whether this environment can serve as a source or destination database for a workflow
SERVER_ENABLED_FLAG	NOT NULL	VARCHAR2(4)	Whether or not to enable server for this environment
CLIENT_ENABLED_FLAG	NOT NULL	VARCHAR2(4)	Whether or not to enable client for this environment
DATABASE_ENABLED_FLAG	NOT NULL	VARCHAR2(4)	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(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULLABLE	VARCHAR2(400)	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(800)	User data segment
VISIBLE_USER_DATA1-20	NULLABLE	VARCHAR2(800)	User data segment

Column Name	Null?	Data Type	Description
DB_JDBC_URL	NULLABLE	VARCHAR2(4000)	the database jdbc URL

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_ENV_APPS

KENV_ENV_APPS 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 PPMC 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 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
APP_CODE	NOT NULL	VARCHAR2(120)	The code for the application
APP_NAME	NOT NULL	VARCHAR2(320)	The full name of the application
ENVIRONMENT_ID	NOT NULL	NUMBER	System-generated identifier

Column Name	Null?	Data Type	Description
SERVER_BASE_PATH	NULLABLE	VARCHAR2(320)	The initial path for this environment; the server will change to this directory after successfully connecting
SERVER_USERNAME	NULLABLE	VARCHAR2(120)	The default username used when connecting via FTP or Telnet to the machine
SERVER_PASSWORD	NULLABLE	VARCHAR2(800)	(ENCRYPTED) The password used when connecting to the machine
CLIENT_USERNAME	NULLABLE	VARCHAR2(120)	The default username used when connecting via FTP or Telnet to the machine
CLIENT_PASSWORD	NULLABLE	VARCHAR2(800)	(ENCRYPTED) The password used when connecting to the machine
CLIENT_BASE_PATH	NULLABLE	VARCHAR2(320)	The initial path for this environment; the client will change to this directory after successfully connecting
DB_USERNAME	NULLABLE	VARCHAR2(120)	The default username for connecting to or executing scripts against the database

Column Name	Null?	Data Type	Description
DB_PASSWORD	NULLABLE	VARCHAR2(800)	(ENCRYPTED) The password used when connecting to or executing scripts against the database
DB_LINK	NULLABLE	VARCHAR2(520)	The database link from the schema to the "apps" user on this database
DB_NAME	NULLABLE	VARCHAR2(120)	Database name used for SQL Server only
DESCRIPTION	NULLABLE	VARCHAR2(960)	The description of the environment
ENABLED_FLAG	NOT NULL	VARCHAR2(4)	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(800)	User data segment
VISIBLE_USER_DATA1-20	NULLABLE	VARCHAR2(800)	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

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

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KENV_ENVIRONMENTS	ENVIRONMENT_ID	ENVIRONMENT_ID
KDLV_OBJECT_TYPES	OBJECT_TYPE_ID	OBJECT_TYPE_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KDLV_PACKAGE_LINES	PACKAGE_LINE_ID	LAST_PACKAGE_LINE_ID
KWFL_WORKFLOW_STEPS	WORKFLOW_STEP_ID	LAST_WORKFLOW_STEP_ID
KNTA_USERS	USER_ID	LAST_MIGRATED_BY
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 that created the record
LAST_UPDATE_DATE	NULLABLE	DATE	Date record was last updated
LAST_UPDATED_BY	NULLABLE	NUMBER	Identifier for the user that last updated the record

Column Name	Null?	Data Type	Description
ENVIRONMENT_ID	NULLABLE	NUMBER	Environment identifier
OBJECT_TYPE_ID	NULLABLE	NUMBER	Object Type identifier
OBJECT_NAME	NULLABLE	VARCHAR2(1200)	Identifies which parameter column of the object will contain the name of an instance of that object.
SOURCE_CODE	NULLABLE	VARCHAR2(120)	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(400)	It is a free form field for entering the source
LAST_MIGRATION_DATE	NULLABLE	DATE	The last date in which an object is migrated to/from the environment
LAST_MIGRATED_BY	NULLABLE	NUMBER	The last user to conduct a migration in this environment
LAST_PACKAGE_LINE_ID	NULLABLE	NUMBER	The last Package Line that was executed againsts this environment
LAST_WORKFLOW_STEP_ID	NULLABLE	NUMBER	The final workflow step that was executed againsts this environment
USER_DATA_SET_CONTEXT_ID	NULLABLE	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1-20	NULLABLE	VARCHAR2(800)	User data segment
VISIBLE_USER_DATA1-20	NULLABLE	VARCHAR2(800)	User data segment

Column Name	Null?	Data Type	Description
OBJECT_REVISION	NULLABLE	VARCHAR2(800)	The 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
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

KENV_ENV_CONTENTS_HIST contains the previous content of the table KENV_ENV_CONTENTS.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KENV_ENVIRONMENTS	ENVIRONMENT_ID	ENVIRONMENT_ID
KDLV_OBJECT_TYPES	OBJECT_TYPE_ID	OBJECT_TYPE_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KDLV_PACKAGE_LINES	PACKAGE_LINE_ID	LAST_PACKAGE_LINE_ID
KWFL_WORKFLOW_STEPS	WORKFLOW_STEP_ID	LAST_WORKFLOW_STEP_ID
KNTA_USERS	USER_ID	LAST_MIGRATED_BY
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	USER_DATA_SET_CONTEXT_ID
KENV_ENV_CONTENTS	ENV_CONTENT_ID	ENV_CONTENT_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 that created the record
LAST_UPDATE_DATE	NULLABLE	DATE	Date record was last updated
LAST_UPDATED_BY	NULLABLE	NUMBER	Identifier for the user that last updated the record

Column Name	Null?	Data Type	Description
ENVIRONMENT_ID	NULLABLE	NUMBER	Environment Identifier
OBJECT_TYPE_ID	NULLABLE	NUMBER	Object type identifier
OBJECT_NAME	NULLABLE	VARCHAR2(1200)	Identifies which parameter column of the object will contain the name of an instance of that object.
SOURCE_CODE	NULLABLE	VARCHAR2(120)	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(400)	It is a free form field for entering the source
LAST_MIGRATION_DATE	NULLABLE	DATE	The last migration date of the object to/from this environment.
LAST_MIGRATED_BY	NULLABLE	NUMBER	The last user to conduct a migration to/from this environment
LAST_PACKAGE_LINE_ID	NULLABLE	NUMBER	The last Package Line that was executed against this environment
LAST_WORKFLOW_STEP_ID	NULLABLE	NUMBER	The 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(800)	User data segment
VISIBLE_USER_DATA1-20	NULLABLE	VARCHAR2(800)	User data segment

Column Name	Null?	Data Type	Description
OBJECT_REVISION	NULLABLE	VARCHAR2(800)	The 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 does not use any Sequences.

KENV_ENV_GROUPS

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

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 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
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
ENV_GROUP_NAME	NOT NULL	VARCHAR2(400)	Name of the environment group
ENABLED_FLAG	NOT NULL	VARCHAR2(4)	Flag to determine whether the environment group is currently enabled
PARALLEL_FLAG	NOT NULL	VARCHAR2(4)	Flag to determine whether environment executions should take place in parallel or serially

Column Name	Null?	Data Type	Description
DESCRIPTION	NULLABLE	VARCHAR2(960)	Description of the environment group
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULLABLE	VARCHAR2(400)	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_ENV_GROUP_ENVS

Table that keeps track 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
KENV_ENVIRONMENTS	ENVIRONMENT_ID	ENVIRONMENT_ID
KENV_ENV_GROUPS	ENV_GROUP_ID	ENV_GROUP_ID
KNTA_USERS	USER_ID	CREATED_BY
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 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
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

Column Name	Null?	Data Type	Description
EXECUTION_SEQ	NULLABLE	NUMBER	The 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

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
KENV_ENVIRONMENTS	ENVIRONMENT_ID	ENVIRONMENT_ID
KENV_ENV_GROUPS	ENV_GROUP_ID	ENV_GROUP_ID
KNTA_USERS	USER_ID	CREATED_BY
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 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
ENV_GROUP_ID	NOT NULL	NUMBER	The environment group id
APP_CODE	NULLABLE	VARCHAR2(120)	The app code associated with the environment
ENVIRONMENT_ID	NOT NULL	NUMBER	The 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_GROUP_EXEC_RESULTS

Records 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
KWFL_STEP_TRANSACTIONS	STEP_TRANSACTION_ID	STEP_TRANSACTION_ID
KWFL_WORKFLOW_STEPS	WORKFLOW_STEP_ID	WORKFLOW_STEP_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KENV_ENVIRONMENTS	ENVIRONMENT_ID	SOURCE_ID
KENV_ENVIRONMENTS	ENVIRONMENT_ID	SUCCEEDED_DEST_ENV_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 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

Column Name	Null?	Data Type	Description
SOURCE_TABLE	NOT NULL	VARCHAR2(120)	The name of the table that stores the entity initiating this environment group execution (e.g., KDLV_PACKAGE_LINES, KCRT_REQUESTS, KREL_DIST_LINE_INSTANCES)
SOURCE_ID	NOT NULL	NUMBER	The primary key value in the SOURCE_TABLE (e.g., the value for a PACKAGE_LINE_ID, REQUEST_ID, or DIST_LINE_INSTANCE_ID)
WORKFLOW_STEP_ID	NOT NULL	NUMBER	The ID of the workflow step initiating this environment group execution.
STEP_TRANSACTION_ID	NOT NULL	NUMBER	The ID of the workflow step transaction for this environment group execution.
SUCCEEDED_DEST_ENV_ID	NOT NULL	NUMBER	The ID of an environment in the dest 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_CLASSES

KENV_HOST_CLASSES 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 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
HOST_CLASS_NAME	NOT NULL	VARCHAR2(320)	Defines the host class. Either "Windows Hosts" or "UNIX Hosts."
OS_FILE_DELIMITER	NOT NULL	VARCHAR2(20)	Identifies the slash type for this operating system ('/' or '\')
DESCRIPTION	NULLABLE	VARCHAR2(960)	The description of the host
ENABLED_FLAG	NOT NULL	VARCHAR2(4)	Determines whether or not this application may be used in a workflow

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

Sequences

Sequence Name	Sequence Type
KENV_HOST_CLASSES_S	HOST_CLASS_ID

KENV_HOST_CLASS_MEMBERS

KENV_HOST_CLASS_MEMBERS is an internal table used by PPMC Deployment Management to group operating systems into host classes.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KENV_HOST_CLASSES	HOST_CLASS_ID	HOST_CLASS_ID
KNTA_USERS	USER_ID	LAST_UPDATED_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 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
HOST_CLASS_ID	NOT NULL	NUMBER	Host Class identifier
HOST_TYPE_CODE	NULLABLE	VARCHAR2(120)	Lookup code for 'HOST_TYPE_CODE'; defines the operating system type for this host type
DESCRIPTION	NULLABLE	VARCHAR2(960)	Description of the host class member
ENABLED_FLAG	NOT NULL	VARCHAR2(4)	Determines whether Deliver recognizes this class of server

Column Name	Null?	Data Type	Description
SQL_COMMAND	NULLABLE	VARCHAR2(320)	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 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
HOST_CLASS_ID	NOT NULL	NUMBER	Host Class identifier
HOST_TYPE_CODE	NOT NULL	VARCHAR2(320)	Lookup code for 'HOST_TYPE_CODE'; defines the operating system type for this host type
DESCRIPTION	NULLABLE	VARCHAR2(960)	Description of the host class member
ENABLED_FLAG	NULLABLE	VARCHAR2(4)	Determines whether Deliver recognizes this class of server
USER_DATA1-10	NULLABLE	VARCHAR2(800)	User data segment
USER_VISIBLE_DATA1	NULLABLE	VARCHAR2(800)	User data segment

Column Name	Null?	Data Type	Description
USER_VISIBLE_DATA2	NULLABLE	VARCHAR2(800)	User data segment
USER_VISIBLE_DATA3	NULLABLE	VARCHAR2(800)	User data segment
USER_VISIBLE_DATA4	NULLABLE	VARCHAR2(800)	User data segment
USER_VISIBLE_DATA5	NULLABLE	VARCHAR2(800)	User data segment
USER_VISIBLE_DATA6	NULLABLE	VARCHAR2(800)	User data segment
USER_VISIBLE_DATA7	NULLABLE	VARCHAR2(800)	User data segment
USER_VISIBLE_DATA8	NULLABLE	VARCHAR2(800)	User data segment
USER_VISIBLE_DATA9	NULLABLE	VARCHAR2(800)	User data segment
USER_VISIBLE_DATA10	NULLABLE	VARCHAR2(800)	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 does not use any 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
KENV_ENVIRONMENTS	ENVIRONMENT_ID	ENVIRONMENT_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

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(120)	Not used. Reserved for future use
EXPRESSION	NULLABLE	VARCHAR2(800)	Regular expression to search for
SUBSTITUTION	NULLABLE	VARCHAR2(800)	The substitution text
GLOBAL_FLAG	NOT NULL	VARCHAR2(4)	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 that 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 that 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_OBJECTS

KENV_OBJECTS 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	The attribute identifier for the displayed unique key for the object
PRIMARY_KEY_ATTRIBUTE_ID	NOT NULL	NUMBER	The attribute identifier for the primary key for the object
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

Column Name	Null?	Data Type	Description
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
DESCRIPTION	NULLABLE	VARCHAR2(960)	A description for the object
ORIGINAL_ENABLED_FLAG	NOT NULL	VARCHAR2(4)	Original value of Enabled Flag for seeded rows
ENABLED_FLAG	NOT NULL	VARCHAR2(4)	Indicates whether or not the object can be used in comparisons
OBJECT_LEVEL	NOT NULL	NUMBER	The level within the object hierarchy
OBJECT_SOURCE	NOT NULL	VARCHAR2(320)	The source of the object (Oracle, SQL Server, or filesystem)
TABLE_NAME	NULLABLE	VARCHAR2(320)	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(4000)	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(4000)	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 does not use any Sequences.

KENV_OBJECT_ATTRIBUTES

KENV_OBJECT_ATTRIBUTES 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 (like 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
KENV_OBJECTS	OBJECT_ID	OBJECT_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
OBJECT_ATTRIBUTE_ID	NOT NULL	NUMBER	System-generated identifier
ATTRIBUTE_NAME	NOT NULL	VARCHAR2(600)	Displayed name of the attribute
COLUMN_NAME	NULLABLE	VARCHAR2(4000)	For database objects, the actual column that is queried
COLUMN_ALIAS	NOT NULL	VARCHAR2(320)	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 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

Column Name	Null?	Data Type	Description
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
DESCRIPTION	NULLABLE	VARCHAR2(960)	A description for the attribute
ORIGINAL_ENABLED_FLAG	NOT NULL	VARCHAR2(4)	Original value of Enabled Flag for seeded rows
ENABLED_FLAG	NOT NULL	VARCHAR2(4)	Indicates whether or not the attribute is used in comparisons
ORIGINAL_ALWAYS_DISPLAY_FLAG	NOT NULL	VARCHAR2(4)	Original value of Always Display Flag for seeded rows
ALWAYS_DISPLAY_FLAG	NOT NULL	VARCHAR2(4)	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(4)	Original value of Compare Flag for seeded rows
COMPARE_FLAG	NOT NULL	VARCHAR2(4)	Indicates whether the attribute is compared for differences when comparing two objects
TYPE	NOT NULL	NUMBER	The data type for the attribute (number, character, date, etc.)

Column Name	Null?	Data Type	Description
LENGTH	NOT NULL	NUMBER	The display length for the attribute. This value does not affect how many characters of the attribute are actually compared
SORT_ORDER	NOT NULL	NUMBER	The 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 does not use any Sequences.

KINS_DEPLOYMENTS

This is system information about what has been installed.

Foreign Keys

This table does not have any Foreign Keys.

Column Descriptions

Column Name	Null?	Data Type	Description
DEPLOYMENT_ID	NOT NULL	VARCHAR2(160)	System-generated identifier
VERSION	NOT NULL	VARCHAR2(40)	System-generated version for the entity. This column should not be updated manually
DEPLOYED_DATE	NULLABLE	DATE	The date of the deployment
DESCRIPTION	NULLABLE	VARCHAR2(320)	Description of what was deployed

Indexes

This table does not use any Indexes.

Sequences

This table does not use any Sequences.

KINS_PROJECT_WORKING_DAY_CONV

This table is used to log 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 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
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 does not use any Sequences.

KINS_TIMEOUT_SECONDS_UPDATED

New command-execution timeout logic in release 5.5 necessitates a recalculation of the timeout value for existing commands upon upgrade to 5.5. This table is used to store any changes made to command timeout values during the upgrade.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_COMMANDS	COMMAND_ID	COMMAND_ID

Column Descriptions

Column Name	Null?	Data Type	Description
COMMAND_ID	NOT NULL	NUMBER	The ID of the command (in KNTA_COMMANDS table) whose timeout was changed.
OLD_TIMEOUT_VALUE	NULLABLE	NUMBER	The timeout value for the command prior to upgrading to 5.5.
NEW_TIMEOUT_VALUE	NULLABLE	NUMBER	The re-calculated timeout value for the command after upgrading to 5.5.
UPDATED_DATE	NULLABLE	DATE	The date on which the command timeout was recalculated.
DESCRIPTION	NULLABLE	VARCHAR2(320)	A description of what was done.

Indexes

This table does not use any Indexes.

Sequences

This table does not use any Sequences.

KINS_UPGRADE_LOGS

This table contains 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 that created the record
UPGRADE_RUN_ID	NOT NULL	NUMBER	Identifier for the upgrade run that generated this message
VERSION_NUMBER	NOT NULL	VARCHAR2(80)	Version number of the product
PATCH_NUMBER	NULLABLE	VARCHAR2(80)	Patch number of the product
SOURCE	NOT NULL	VARCHAR2(800)	The script that resulted in this message
MESSAGE_TYPE	NOT NULL	VARCHAR2(120)	Indicates whether the message is a warning or error
MESSAGE	NULLABLE	CLOB	The 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

Index Name	Index Type	Sequence	Column Name
KINS_UPGRADE_ LOGS_U1	UNIQUE	1	UPGRADE_LOG_ ID

Sequences

Sequence Name	Sequence Type
KINS_UPGRADE_ LOGS_S	UPGRADE_LOG_ ID

KNTA_ACCESS_GRANTS

KNTA_ACCESS_GRANTS contains information about grants. Each grant is an area of a product or a set of actions which the user may be allowed to use. Each grant has a unique flag ACCESS_GRANT_VECTOR which shares a name space with KNTA_PRODUCTS.PRODUCT_VECTOR. It is important that these not be changed.

Foreign Keys

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

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 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
ACCESS_GRANT_NAME	NOT NULL	VARCHAR2(320)	A text description of the privileges associated with this grant
ACCESS_GRANT_KEY	NOT NULL	NUMBER	Constant identifier for this access grant
PRODUCT_ID	NULLABLE	NUMBER	Identifier for the product this access grant is associated with

Column Name	Null?	Data Type	Description
DESCRIPTION	NULLABLE	VARCHAR2(800)	Description of the access grant
CATEGORY	NOT NULL	VARCHAR2(400)	Categorizes the keys so they can be displayed in groups

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

Sequences

This table does not use any Sequences.

KNTA_ACCESS_SECURITY

KNTA_ACCESS_SECURITY contains the linked access grants for security groups.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_ACCESS_GRANTS	ACCESS_GRANT_ID	ACCESS_GRANT_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_SECURITY_GROUPS	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 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
SECURITY_GROUP_ID	NOT NULL	NUMBER	Identifier of the security group this grant is linked to
ACCESS_GRANT_ID	NOT NULL	NUMBER	Identifier of the specific grant that is linked

Column Name	Null?	Data Type	Description
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULLABLE	VARCHAR2(400)	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 contains access security history

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	SECURITY_GROUP_ID	SECURITY_GROUP_ID
KNTA_ACCESS_GRANTS	ACCESS_GRANT_ID	ACCESS_GRANT_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 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
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 ACCESS_GRANT_ID in KNTA_ACCESS_GRANTS
ACCESS_ GRANT_NAME	NOT NULL	VARCHAR2(320)	Indicates the access grant name for this record.
SOURCE_TYPE_ CODE	NULLABLE	VARCHAR2(120)	Indicates the source type code for this record
SOURCE	NULLABLE	VARCHAR2(400)	Indicates the source for this record
EVENT_CODE	NOT NULL	VARCHAR2(80)	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_APPLET_KEYS

KNTA_APPLET_KEYS 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 login 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 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_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_APP_SERVER_DETAILS

This table is used to hold information about the server configuration properties including their description.

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
APP_SERVER_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 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
APP_SERVER_PROPERTY_NAME	NOT NULL	VARCHAR2(160)	The name of the app server property
DESCRIPTION	NULLABLE	VARCHAR2(960)	Description of the property

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_APP_SERVER_DETAILS_U1	UNIQUE	1	APP_SERVER_DETAIL_ID
KNTA_APP_SERVER_DETAILS_U2	UNIQUE	1	APP_SERVER_PROPERTY_NAME

Sequences

Sequence Name	Sequence Type
KNTA_APP_ SERVER_ DETAILS_S	APP_SERVER_ DETAIL_ID

KNTA_APP_SERVER_MODE

KNTA_APP_SERVER_MODE records the current mode of the server. Valid modes are: DISABLED, RESTRICTED, NORMAL. This table will at most contain a single row. The sysadmin guide has more details on each mode and how they are used.

Foreign Keys

This table does not have any Foreign Keys.

Column Descriptions

Column Name	Null?	Data Type	Description
SERVER_MODE	NULLABLE	VARCHAR2(120)	Mode of the server

Indexes

This table does not use any Indexes.

Sequences

This table does not use any Sequences.

KNTA_APP_SERVER_PROPERTIES

KNTA_APP_SERVER_PROPERTIES stores all of the server properties found in the PPMC configuration file (server.conf) as well as internal server parameters initialized when the PPMC 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 PPMC 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 PPMC 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(320)	The name of the property, such as "BASE_URL"
VALUE	NULLABLE	VARCHAR2(4000)	The value of the property, such as "http://server.kintana.com/kintana/"
SERVER_NAME	NULLABLE	VARCHAR2(320)	The name of the server (as specified by KINTANA_SERVER_NAME in server.conf) that the key and value are associated with

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_APP_SERVER_PROPERTIES_N1	NONUNIQUE	1	KEY

Index Name	Index Type	Sequence	Column Name
KNTA_APP_SERVER_PROPERTIES_U1	UNIQUE	1	SERVER_NAME
KNTA_APP_SERVER_PROPERTIES_U1	UNIQUE	2	KEY

Sequences

This table does not use any Sequences.

KNTA_ARCHIVES

List of installed archives and versions that is to be downloaded by clients. Records base product archives as well as any installed Accelerators.

Foreign Keys

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

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 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
BASE_FILENAME	NOT NULL	VARCHAR2(320)	Filename of bundles to be downloaded by clients
ARCHIVE_NAME	NOT NULL	VARCHAR2(320)	Archive names contained within the bundles
ARCHIVE_TYPE	NULLABLE	VARCHAR2(80)	Archive types or extensions of the archives (zip or jar)

Column Name	Null?	Data Type	Description
VERSION	NOT NULL	VARCHAR2(40)	System-generated version for the entity. This column should not be updated manually
ACCELERATOR_ID	NULLABLE	NUMBER	Identifier for an accelerator bundle

Indexes

This table does not use any Indexes.

Sequences

This table does not use any Sequences.

KNTA_COMMANDS

KNTA_COMMANDS is a common table to all of the products in PPMC. It contains 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	ENTITY_ID	PARENT_ENTITY_ID
KNTA_SPECIAL_COMMAND_TYPES	SPECIAL_COMMAND_TYPE_ID	PARENT_ID
KNTA_VALIDATIONS	VALIDATION_ID	PARENT_ID
KWFL_WORKFLOW_STEPS	WORKFLOW_STEP_ID	PARENT_ID
KCRT_REQUEST_TYPES	REQUEST_TYPE_ID	PARENT_ID
KDLV_OBJECT_TYPES	OBJECT_TYPE_ID	PARENT_ID
KNTA_REPORT_TYPES	REPORT_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	The identifier of the parent entity for this command. Refer to table KNTA_ENTITIES.

Column Name	Null?	Data Type	Description
PARENT_ID	NOT NULL	NUMBER	The actual identifier of the parent record for this command (e.g. OBJECT_TYPE_ID)
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
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
COMMAND_NAME	NOT NULL	VARCHAR2(600)	The name of the command
COMMAND_SEQ	NOT NULL	NUMBER	The sequence of the command (this sequence is sequential within one PARENT_ID, PARENT_ENTITY_ID)
CONDITION	NULLABLE	VARCHAR2(4000)	The condition to evaluate to determine whether or not to run the command steps
DESCRIPTION	NULLABLE	VARCHAR2(960)	A description of the command

Column Name	Null?	Data Type	Description
TIMEOUT_SECONDS	NULLABLE	NUMBER	The 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(4)	Determines whether or not the command will exit on failure. (NOT YET IMPLEMENTED).
ENABLED_FLAG	NOT NULL	VARCHAR2(4)	Whether or not the command was enabled.
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULLABLE	VARCHAR2(400)	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

Index Name	Index Type	Sequence	Column Name
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_COMMAND_STEPS

KNTA_COMMAND_STEPS contains 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 PPMC 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 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
COMMAND_ID	NOT NULL	NUMBER	The identifier of the parent command
STEP_SEQ	NOT NULL	NUMBER	The sequence of the command step (within a given command)
COMMAND	NULLABLE	VARCHAR2(4000)	The command itself (e.g. ksc_copy_server_server)
DESCRIPTION	NULLABLE	VARCHAR2(960)	A description of the command

Column Name	Null?	Data Type	Description
ENABLED_FLAG	NOT NULL	VARCHAR2(4)	Whether or not the command step has been enabled. (Currently not updateable using the command builder.)
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULLABLE	VARCHAR2(400)	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_DEBUG_MESSAGES

This table is used by PL/SQL packages for logging messages which 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 that 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(120)	This identifies the package which generated this debug message.
BLOCK_NAME	NULLABLE	VARCHAR2(120)	This identifies the procedure or function which generated this debug message.
DEBUG_COMMENT	NULLABLE	VARCHAR2(4000)	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

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_USERS	USER_ID	CREATED_BY
KNTA_ENTITIES	ENTITY_ID	ENTITY_ID
KNTA_USERS	USER_ID	LAST_UPDATED_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 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
ENTITY_ID	NOT NULL	NUMBER	The entity identifier for the help content.
ENTITY_PRIMARY_KEY	NOT NULL	NUMBER	The 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	The 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	The actual help content
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULLABLE	VARCHAR2(400)	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_DOCUMENTS

Data for documents such as file size, author, description, checked out.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_PARAMETER_SET_FIELDS	PARAMETER_SET_FIELD_ID	DOCUMENT_HOLDER_ID
KNTA_PARAMETER_SET_FIELDS	PARAMETER_SET_FIELD_ID	DOCUMENT_TYPE_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_ENTITIES	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(800)	File name minus extension
EXTENSION	NULLABLE	VARCHAR2(200)	Extension
CHECKED_OUT_BY	NULLABLE	NUMBER	user id
CHECKED_OUT_DATE	NULLABLE	DATE	date
CHECKED_IN_BY	NOT NULL	NUMBER	user id

Column Name	Null?	Data Type	Description
CHECKED_IN_DATE	NOT NULL	DATE	date
DESCRIPTION	NULLABLE	VARCHAR2(4000)	description
AUTHOR	NULLABLE	VARCHAR2(800)	author, free-form text
FILESIZE	NOT NULL	NUMBER	file size
VERSION_NUMBER	NOT NULL	NUMBER	version number
KEYWORDS	NULLABLE	VARCHAR2(4000)	key words
VERSION_COMMENT	NULLABLE	VARCHAR2(800)	version comment
PARENT_ENTITY_ID	NULLABLE	NUMBER	e.g. request
PARENT_PRIMARY_KEY	NULLABLE	NUMBER	e.g. containing request id
DOCUMENT_TYPE_ID	NULLABLE	VARCHAR2(120)	Reference or component
DOCUMENT_HOLDER_ID	NULLABLE	NUMBER	Component index

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_DOCUMENTS_N1	NONUNIQUE	1	PARENT_ENTITY_ID
KNTA_DOCUMENTS_N1	NONUNIQUE	2	PARENT_PRIMARY_KEY
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

KNTA_ENTITIES stores information about the database tables that make up a business category within PPMC. 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	ENTITY_ID	PARENT_ENTITY_ID
KNTA_VALIDATIONS	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 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
ENTITY_NAME	NOT NULL	VARCHAR2(320)	The name for the entity
ENTITY_SHORT_NAME	NOT NULL	VARCHAR2(320)	The short name for the entity
DESCRIPTION	NULLABLE	VARCHAR2(960)	Description of the entity
TOKEN_PREFIX	NULLABLE	VARCHAR2(120)	The prefix used in token evaluation when referencing a token for an entity

Column Name	Null?	Data Type	Description
ENABLED_FLAG	NOT NULL	VARCHAR2(4)	Indicates whether or not the entity is available for use
TABLE_NAME	NULLABLE	VARCHAR2(120)	The database table that stores data for the entity
PRIMARY_KEY	NULLABLE	VARCHAR2(120)	The name of the column that stores the unique identifier for the table
USER_PRIMARY_KEY	NULLABLE	VARCHAR2(120)	The name of the column that stores the unique user-defined name for the table
PARENT_ENTITY_ID	NULLABLE	NUMBER	The identifier for the parent entity of the current entity
PARENT_FOREIGN_KEY	NULLABLE	VARCHAR2(120)	The name of the column in the associated table that uniquely identifies a row in the parent table
PARSE_PACKAGE_NAME	NULLABLE	VARCHAR2(120)	The name of the database package used to determine context information for any notification trigger on the table
PARSE_FUNCTION_NAME	NULLABLE	VARCHAR2(120)	The name of the function within the database package used to determine context information for any notification trigger on the table
VALIDATION_ID	NULLABLE	NUMBER	The validation identifier used to provide a list of values for the entity

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

Sequences

Sequence Name	Sequence Type
KNTA_ENTITIES_ S	ENTITY_ID

KNTA_ENTITY_GROUPS

KNTA_ENTITY_GROUPS 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	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_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 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
ENTITY_GROUP_NAME	NOT NULL	VARCHAR2(320)	Name of the business function that groups the entities together
DESCRIPTION	NULLABLE	VARCHAR2(960)	Description of the group
ENABLED_FLAG	NOT NULL	VARCHAR2(4)	Indicates whether or not the group can be used within the application

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

Sequences

Sequence Name	Sequence Type
KNTA_ENTITY_GROUPS_S	ENTITY_GROUP_ID

KNTA_ENTITY_GROUP_MEMBERS

KNTA_ENTITY_GROUP_MEMBERS stores the individual entities that belong to each entity group.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_ENTITIES	ENTITY_ID	ENTITY_ID
KNTA_ENTITY_GROUPS	ENTITY_GROUP_ID	ENTITY_GROUP_ID
KNTA_USERS	USER_ID	CREATED_BY
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 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
ENTITY_GROUP_ID	NOT NULL	NUMBER	The entity group identifier that the entity belongs to
ENTITY_ID	NOT NULL	NUMBER	The 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

Index Name	Index Type	Sequence	Column Name
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_RESTRICTIONS

Keeps track of 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, etc.

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	ENTITY_ID	PARENT_ENTITY_ID
KNTA_ENTITIES	ENTITY_ID	CHILD_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 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
RESTRICTION_TYPE	NOT NULL	VARCHAR2(120)	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)

Column Name	Null?	Data Type	Description
PARENT_ENTITY_ID	NOT NULL	NUMBER	The entity upon which the restriction is based (e.g. SG,WF)
CHILD_ENTITY_ID	NOT NULL	NUMBER	The entity which is restricted based on the parent (e.g. WF,OBJ,APP)
PARENT_VALUE	NOT NULL	VARCHAR2(320)	The primary key id of the parent entity instance
CHILD_VALUE	NOT NULL	VARCHAR2(320)	The primary key id of the child entity instance
EXCLUDE_FLAG	NOT NULL	VARCHAR2(4)	Indicates if this is an exclusion or an inclusion (currently all are exclusions)
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULLABLE	VARCHAR2(400)	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

Index Name	Index Type	Sequence	Column Name
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 contains security groups that allow to user or modify a source entity.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_ENTITIES	ENTITY_ID	ENTITY_ID
KNTA_SECURITY_GROUPS	SECURITY_GROUP_ID	SECURITY_GROUP_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

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 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
ENTITY_ID	NOT NULL	NUMBER	The entity identifier of an entity type
ENTITY_VALUE	NOT NULL	NUMBER	The identifier of an entity
SECURITY_GROUP_ID	NOT NULL	NUMBER	The identifier of a security group
ACCESS_TYPE_CODE	NOT NULL	VARCHAR2(120)	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(4)	Whether the association is enabled
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULLABLE	VARCHAR2(400)	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

KNTA_ENTITY_TABLES stores the hierarchy of the interface tables used by each of the PPMC migrators.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_ENTITIES	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 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
ENTITY_ID	NOT NULL	NUMBER	The entity identifier for the business entity whose data is being migrated
TABLE_NAME	NOT NULL	VARCHAR2(120)	The name of the interface table that is used in migrating a business entity
DESCRIPTION	NULLABLE	VARCHAR2(800)	The description of the table within the hierarchy

Column Name	Null?	Data Type	Description
ENABLED_FLAG	NULLABLE	VARCHAR2(4)	Indicates whether or not the interface table is enabled for the business entity
PARENT_TABLE_ID	NULLABLE	NUMBER	The 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 does not use any Sequences.

KNTA_ENTITY_TOKENS

KNTA_ENTITY_TOKENS 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_ENTITIES	ENTITY_ID	ENTITY_ID
KNTA_USERS	USER_ID	CREATED_BY
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 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
TOKEN	NOT NULL	VARCHAR2(160)	The specific token that can be used for an entity
TOKEN_NAME	NOT NULL	VARCHAR2(400)	The name of the token
TOKEN_SHORT_NAME	NULLABLE	VARCHAR2(200)	The short name of the token. This is displayed as a column header on Package notifications.
DESCRIPTION	NULLABLE	VARCHAR2(960)	A description for the token

Column Name	Null?	Data Type	Description
ENTITY_ID	NOT NULL	NUMBER	The entity identifier to which this token belongs
DEFAULT_COLUMN_SIZE	NULLABLE	NUMBER	The default column size for the token, when displayed in a notification detail column
ENCRYPTED_FLAG	NOT NULL	VARCHAR2(4)	Indicates whether the value for the token is stored in encrypted form
COLUMN_NAME	NULLABLE	VARCHAR2(320)	The name of the column in the table (KNTA_ENTITIES.TABLE_NAME) that from which the token gets its value
TOKEN_SQL	NULLABLE	VARCHAR2(4000)	A SQL statement that is used to evaluate a token to its value
RECIPIENT_TYPE_CODE	NULLABLE	VARCHAR2(120)	If the token evaluates to a recipient (user, security group, or email address), this is the type of recipient
ENABLED_FLAG	NOT NULL	VARCHAR2(4)	Indicates whether the token can be used in validations, notifications, and executions

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

Sequences

Sequence Name	Sequence Type
KNTA_ENTITY_ TOKENS_S	ENTITY_TOKEN_ ID

KNTA_EXCEPTIONS

This table contains 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	EXCEPTION_RULE_ID	EXCEPTION_RULE_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_ENTITIES	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 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
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(4000)	Exception message text
VIOLATION	NULLABLE	VARCHAR2(1000)	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_EXCEPTION_RULES

An Exception Rule is the application of an Exception Rule Type to a Master Project or Project Template. The Exception Rules associated with a Master Project or the Top Project of a template are stored in this table.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_EXCEPTION_RULE_TYPES	EXCEPTION_RULE_TYPE_ID	EXCEPTION_RULE_TYPE_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	PARAMETER_SET_CONTEXT_ID
KNTA_ENTITIES	ENTITY_ID	SOURCE_ENTITY_ID
PM_PROJECTS	PROJECT_ID	SOURCE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
EXCEPTION_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 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
SOURCE_ENTITY_ID	NOT NULL	NUMBER	Source type identifier, could be a 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 a identifier of a project, task, request, package or package line
EXCEPTION_RULE_TYPE_ID	NOT NULL	NUMBER	Exception rule type identifier
ENABLED_FLAG	NOT NULL	VARCHAR2(4)	Y or N flag, denotes whether the rule is enabled
INCLUDE_IN_ROLLUP_FLAG	NOT NULL	VARCHAR2(4)	Y or N flag, specifies whether this rule is considered for summary condition calculation
PARSED_CONDITION	NULLABLE	VARCHAR2(4000)	Parsed SQL statement (for future use)
PARAMETER_SET_CONTEXT_ID	NULLABLE	NUMBER	The identifier of the parameter set context associated with this Exception rule
PARAMETER1-10	NULLABLE	VARCHAR2(1000)	Exception detail parameter
VISIBLE_PARAMETER1-10	NULLABLE	VARCHAR2(1000)	Exception detail parameter
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)

Column Name	Null?	Data Type	Description
SOURCE	NULLABLE	VARCHAR2(400)	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_EXCEPTION_RULES_N1	NONUNIQUE	1	EXCEPTION_RULE_TYPE_ID
KNTA_EXCEPTION_RULES_U1	UNIQUE	1	EXCEPTION_RULE_ID
KNTA_EXCEPTION_RULES_U2	UNIQUE	1	SOURCE_ENTITY_ID
KNTA_EXCEPTION_RULES_U2	UNIQUE	2	SOURCE_ID
KNTA_EXCEPTION_RULES_U2	UNIQUE	3	EXCEPTION_RULE_TYPE_ID

Sequences

Sequence Name	Sequence Type
KNTA_EXCEPTION_RULES_S	EXCEPTION_RULE_ID

KNTA_EXCEPTION_RULE_TYPES

This table contains all the Exception Rule Types for Projects and Tasks (in future for Requests and others).

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_ENTITIES	ENTITY_ID	ENTITY_ID
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	USER_DATA_SET_CONTEXT_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

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 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
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
ENTITY_ID	NOT NULL	NUMBER	Entity identifier to which this rule is applicable.
RULE_TYPE_NAME	NOT NULL	VARCHAR2(400)	Name of the rule type
DESCRIPTION	NULLABLE	VARCHAR2(1200)	Description

Column Name	Null?	Data Type	Description
ROLLUP_ EXCEPTION_ FLAG	NOT NULL	VARCHAR2(4)	Y or N flag, denotes whether this rule type is considered in the rollup calculations
DEFAULT_ ENABLED_FLAG	NOT NULL	VARCHAR2(4)	Y or N flag, denotes whether the rule created from this type is enabled by default
DEFAULT_ INCLUDE_IN_ ROLLUP_FLAG	NOT NULL	VARCHAR2(4)	Y or N flag, denotes whether the rule created from this type is included in the rollup calculations by default
CONDITION	NULLABLE	CLOB	Condition SQL statement for evaluating an exception
DISPLAYED_ RULE	NULLABLE	VARCHAR2(4000)	Rule displayed to the user
ICON_NAME	NULLABLE	VARCHAR2(400)	Name of the icon for this exception rule type
SOURCE_TYPE_ CODE	NULLABLE	VARCHAR2(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULLABLE	VARCHAR2(400)	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	Parameter set context identifier for the user data fields
USER_DATA1-20	NULLABLE	VARCHAR2(1000)	User data segment
VISIBLE_USER_DATA1-20	NULLABLE	VARCHAR2(1000)	User data segment

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

Sequences

Sequence Name	Sequence Type
KNTA_EXCEPTION_RULE_TYPES_S	EXCEPTION_RULE_TYPE_ID

KNTA_EXTERNAL_SYNC

The KNTA_EXTERNAL_SYNC table is used to store information of the last execution time of 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_SYNC_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
EXTERNAL_PRODUCT	NOT NULL	VARCHAR2(200)	The External product interfaced with kintana.
SYNCH_DATE	NULLABLE	DATE	The last time this record was modified.
FORMATTED_DATE	NULLABLE	VARCHAR2(200)	String representation of the date if required by the third party interface.
DESCRIPTION	NULLABLE	VARCHAR2(960)	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
KNTA_ EXTERNAL_ SYNCH_U1	UNIQUE	1	EXTERNAL_ SYNCH_ID

Sequences

This table does not use any Sequences.

KNTA_FIELD_CHANGE_NOTES

This table contains 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	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_ENTITIES	ENTITY_ID	PARENT_ENTITY_ID
KNTA_USERS	USER_ID	AUTHOR_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 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
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(120)	Currently only applicable for Request notes, stores the request status id
NOTE_CONTEXT_VISIBLE_VALUE	NULLABLE	VARCHAR2(320)	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(320)	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 contains seed data only, and no data should be added to this table.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_VALIDATIONS	VALIDATION_ID	VALIDATION_ID
KNTA_VALIDATION_PROFILES	VALIDATION_PROFILE_ID	VALIDATION_PROFILE_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

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 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
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(120)	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 contains a list of the installed field groups. 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	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 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
FIELD_GROUP_NAME	NOT NULL	VARCHAR2(320)	Name of the field group
DESCRIPTION	NULLABLE	VARCHAR2(960)	A description of the field group
ENTITY_ID	NULLABLE	NUMBER	Identifier for the entity which is associated with this field group
TABLE_NAME	NOT NULL	VARCHAR2(120)	The name of the database table that stores the group's field values

Column Name	Null?	Data Type	Description
INTERFACE_ TABLE_NAME	NOT NULL	VARCHAR2(120)	The name of the database table that the request open interface will use to import data into the field group's table
ENABLED_FLAG	NOT NULL	VARCHAR2(4)	Y or N, is this field group enabled?

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_FIELD_ GROUPS_U1	UNIQUE	1	FIELD_GROUP_ ID

Sequences

This table does not use any Sequences.

KNTA_FIELD_SECURITY

The KNTA_FIELD_SECURITY contains 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	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_PARAMETER_SET_FIELDS	PARAMETER_SET_FIELD_ID	PARAMETER_SET_FIELD_ID
KNTA_SECURITY_GROUPS	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 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
PARAMETER_SET_FIELD_ID	NOT NULL	NUMBER	Identifier of the parameter field for which this security is set
SECURITY_TYPE_CODE	NOT NULL	VARCHAR2(120)	The code of the type of security linked to this step

Column Name	Null?	Data Type	Description
SECURITY_GROUP_ID	NULLABLE	NUMBER	The security group ID of the security group linked as security to the field
USER_ID	NULLABLE	NUMBER	The user ID of the user linked as security to the field
TOKEN_TYPE_CODE	NULLABLE	VARCHAR2(120)	Either 'STANDARD' if token linked is a standard kintana token or 'USER_DEFINED' if the token linked is user defined
TOKEN	NULLABLE	VARCHAR2(320)	The 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(4)	This flag indicates whether or not the field is editable by the defined security
ENABLED_FLAG	NOT NULL	VARCHAR2(4)	This flag indicates whether or not this field security is enabled
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)

Column Name	Null?	Data Type	Description
SOURCE	NULLABLE	VARCHAR2(400)	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_N1	NONUNIQUE	1	PARAMETER_SET_FIELD_ID
KNTA_FIELD_SECURITY_N1	NONUNIQUE	2	SECURITY_GROUP_ID
KNTA_FIELD_SECURITY_N1	NONUNIQUE	3	SECURITY_TYPE_CODE
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_N3	NONUNIQUE	1	PARAMETER_SET_FIELD_ID
KNTA_FIELD_SECURITY_N3	NONUNIQUE	2	TOKEN
KNTA_FIELD_SECURITY_N3	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

Stores the administrator entered help content, that 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	ENTITY_ID	ENTITY_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY

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 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
ENTITY_ID	NOT NULL	NUMBER	The entity identifier for the help content.
ENTITY_PRIMARY_KEY	NOT NULL	NUMBER	The 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	The 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	The actual help content
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULLABLE	VARCHAR2(400)	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_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

Sequences

Sequence Name	Sequence Type
KNTA_HELP_CONTENTS_S	HELP_CONTENT_ID

KNTA_I18N_RESOURCES

This table holds all the language specific resources used by PPMC. 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(400)	The key to identify a resource
VALUE	NOT NULL	VARCHAR2(4000)	The actual value of the resource
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_UPDATED_DATE	NOT NULL	DATE	Date record was last updated
PRODUCT_CODE	NOT NULL	VARCHAR2(200)	The product which uses this resource(KNTA,K CRT,etc)
DESCRIPTION	NULLABLE	VARCHAR2(4000)	A description of the resource. This is used by the translators to translate contextually.

Column Name	Null?	Data Type	Description
LANGUAGE_CODE	NOT NULL	VARCHAR2(200)	A concatenation of oracle nls_language and nls_territory
TRANSLATABLE	NULLABLE	VARCHAR2(4)	Indicates if the resource will be translated from language to language. Some resources like product names are not translated across languages
SCOPE	NOT NULL	VARCHAR2(40)	Indicates whether the resource is used only in applet code, jsp code or in reports.
BUNDLE_MODIFIED	NULLABLE	VARCHAR2(4)	Indicates whether the product has been modified for this resource. This is used for cleaning up resources which are getting referred to in the wrong bundles.

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_I18N_RESOURCES_U1	UNIQUE	1	KEY
KNTA_I18N_RESOURCES_U2	UNIQUE	1	RESOURCE_ID

Sequences

Sequence Name	Sequence Type
KNTA_I18N_RESOURCES_S	RESOURCE_ID

KNTA_INTERFACE_ERRORS

KNTA_INTERFACE_ERRORS contains 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
KDLV_PACKAGE_NOTES_INT	PACKAGE_NOTE_INTERFACE_ID	INTERFACE_SOURCE_ID
KCRT_REQUESTS_INT	TRANSACTION_ID	INTERFACE_SOURCE_ID
KCRT_CONTACTS_INT	CONTACT_INTERFACE_ID	INTERFACE_SOURCE_ID
KCRT_REQUEST_DETAILS_INT	TRANSACTION_ID	INTERFACE_SOURCE_ID
KDLV_PACKAGES_INT	PACKAGE_INTERFACE_ID	INTERFACE_SOURCE_ID
KDLV_PACKAGE_LINES_INT	PACKAGE_LINE_INTERFACE_ID	INTERFACE_SOURCE_ID
KWFL_TRANSACTIONS_INT	TRANSACTION_ID	INTERFACE_SOURCE_ID
KDLV_TRANSACTIONS_INT	TRANSACTION_INTERFACE_ID	INTERFACE_SOURCE_ID
KNTA_USERS_INT	TRANSACTION_ID	INTERFACE_SOURCE_ID
KWFL_STEP_TRANSITIONS_INT	TRANSACTION_ID	INTERFACE_SOURCE_ID
KNTA_MESSAGE_TYPES	MESSAGE_TYPE_ID	MESSAGE_TYPE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
INTERFACE_ERROR_ID	NOT NULL	NUMBER	System-generated identifier

Column Name	Null?	Data Type	Description
INTERFACE_ TABLE_NAME	NOT NULL	VARCHAR2(120)	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
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(400)	Name of the error message
MESSAGE	NULLABLE	VARCHAR2(4000)	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 records all occurrences of such interruptions.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_ENTITIES	ENTITY_ID	ENTITY_ID
KNTA_SERVER_RESTARTS	SERVER_RESTART_ID	SERVER_RESTART_ID
KDLV_PACKAGES	PACKAGE_ID	ENTITY_PRIMARY_KEY_ID
KNTA_USERS	USER_ID	LAUNCHED_BY_USER_ID
KCRT_REQUESTS	REQUEST_ID	ENTITY_PRIMARY_KEY_ID
KNTA_REPORT_SUBMISSIONS	REPORT_SUBMISSION_ID	ENTITY_PRIMARY_KEY_ID
KREL_RELEASES	RELEASE_ID	ENTITY_PRIMARY_KEY_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.

Column Name	Null?	Data Type	Description
ENTITY_ID	NOT NULL	NUMBER	The type of entity that was the parent of the interrupted execution.
ENTITY_PRIMARY_KEY_ID	NOT NULL	NUMBER	The primary key value of the entity that was the parent of the interrupted execution.
LAUNCHED_BY_USER_ID	NOT NULL	VARCHAR2(800)	The ID of the user who launched the interrupted execution.
LAUNCHED_DATE	NOT NULL	DATE	The 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

The KNTA_LANGUAGES table records mappings from language and locality codes understood by the Oracle RDBMS to language and locality codes understood by the Java VM. Currently, the direction of use is always from the Oracle RDBMS to the Java VM. All information in this table is seeded system data and should 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 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
NLS_LANG_CODE	NOT NULL	VARCHAR2(516)	A concatenation of Oracle NLS language and territory codes
ISO_LANG_CODE	NOT NULL	VARCHAR2(120)	An ISO language code recognized by the Java VM
ISO_COUNTRY_CODE	NULLABLE	VARCHAR2(320)	An ISO country code recognized by the Java VM

Column Name	Null?	Data Type	Description
INSTALLED_ LANGUAGE_ FLAG	NOT NULL	VARCHAR2(4)	Indicates the Installation language of the product. Has a value to 'Y' for the installed language.

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 does not use any Sequences.

KNTA_LOCKED_USERS_TEMP

Temporary table that 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 that 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 that 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 does not use any Sequences.

KNTA_LOGON_ATTEMPTS

KNTA_LOGON_ATTEMPTS stores all of the attempts to logon 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	USER_ID
KNTA_USERS	USER_ID	CREATED_BY

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 that created the record
USER_ID	NULLABLE	NUMBER	Identifier for the user that tried to connect
USERNAME	NOT NULL	VARCHAR2(800)	The username of the user that tried to connect
CLIENT_ADDRESS	NOT NULL	VARCHAR2(120)	The IP address the client attempted to connect from
SUCCESS_FLAG	NOT NULL	VARCHAR2(4)	Whether or not the logon was completed successfully
FAILURE_MESSAGE_NAME	NULLABLE	VARCHAR2(120)	The reason for failure if the attempt failed

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_LOGON_ATTEMPTS_N1	NONUNIQUE	1	USERNAME

Index Name	Index Type	Sequence	Column Name
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

The KNTA_LOOKUPS table stores all of the static values used in validations for PPMC products. Each row includes a code and a meaning for that code. PPMC 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(320)	Defines the type of lookup (e.g. "HOST_CLASS")
LOOKUP_CODE	NOT NULL	VARCHAR2(160)	Defines the code for this particular lookup within the lookup type
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
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated

Column Name	Null?	Data Type	Description
SEQ	NOT NULL	NUMBER	Uniquely sequences the lookup codes within a given lookup type
MEANING	NOT NULL	VARCHAR2(600)	The meaning displayed to the user in screens, reports, etc.
DESCRIPTION	NULLABLE	VARCHAR2(1600)	Description for the lookup value
DEFAULT_FLAG	NOT NULL	VARCHAR2(4)	Determines whether this lookup code is the default value when the lookup type is referenced by a drop list component
USER_MAINTAINABLE_FLAG	NOT NULL	VARCHAR2(4)	Determines whether users may update the values for the lookup type; this value is the same for all lookup codes of a given type
ENABLED_FLAG	NOT NULL	VARCHAR2(4)	Determines whether this lookup code is active or not; disabled lookup codes are not shown in drop list components
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)

Column Name	Null?	Data Type	Description
SOURCE	NULLABLE	VARCHAR2(400)	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(800)	User data segment
VISIBLE_USER_DATA1-20	NULLABLE	VARCHAR2(800)	User data segment

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_LOOKUPS_U1	UNIQUE	1	LOOKUP_TYPE
KNTA_LOOKUPS_U1	UNIQUE	2	LOOKUP_CODE

Sequences

This table does not use any Sequences.

KNTA_MESSAGES

KNTA_MESSAGES stores all of the error, warning and informational messages that PPMC 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	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 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
MESSAGE_NAME	NOT NULL	VARCHAR2(320)	The name of the message
MESSAGE_TYPE_ID	NOT NULL	NUMBER	Message type identifier
PRODUCT_CODE	NOT NULL	VARCHAR2(120)	The associated product for the message
LANGUAGE_CODE	NOT NULL	VARCHAR2(120)	A concatenation of Oracle NLS language and territory

Column Name	Null?	Data Type	Description
DYNAMIC_FLAG	NOT NULL	VARCHAR2(4)	Indicates whether the DISPLAY_TEXT field allows string substitutions (currently, this field is informational only)
DISPLAY_TEXT	NULLABLE	VARCHAR2(4000)	The text displayed to the user
ERROR_CAUSE	NULLABLE	VARCHAR2(4000)	The reason for the error
SOLUTION	NULLABLE	VARCHAR2(4000)	A description of how to resolve the error

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

Sequences

This table does not use any Sequences.

KNTA_MESSAGE_TYPES

The KNTA_MESSAGE_TYPES table allows messages to be placed 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 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
MESSAGE_TYPE_NAME	NOT NULL	VARCHAR2(320)	The name of this message type. i.e. User Error, Internal Error, Warning...

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_MESSAGE_TYPES_U1	UNIQUE	1	MESSAGE_TYPE_ID

Sequences

This table does not use any Sequences.

KNTA_NOTE_ENTRIES

Stores the notes for all 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_ENTITIES	ENTITY_ID	PARENT_ENTITY_ID
KNTA_USERS	USER_ID	AUTHOR_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 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
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(120)	Only applicable for request notes, stores the request status id
NOTE_CONTEXT_VISIBLE_VALUE	NULLABLE	VARCHAR2(320)	Only applicable for request notes, stores the request status name
NOTE	NULLABLE	CLOB	The text of the note

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_NOTIFICATIONS

KNTA_NOTIFICATIONS stores the definition of each notification created by the user. These notifications are used as a template to create the actual E-mail notifications that are triggered by events in PPMC. 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 DepM 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_NOTIFICATION_INTERVALS	INTERVAL_ID	INTERVAL_ID
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
KNTA_NOTIF_TYPE_MESSAGES	NOTIF_TYPE_MESSAGE_ID	NOTIF_TYPE_MESSAGE_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 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

Column Name	Null?	Data Type	Description
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
DESCRIPTION	NULLABLE	VARCHAR2(960)	Description of notification
NOTIFICATION_TYPE_ID	NOT NULL	NUMBER	Notification type identifier
CONDITION_VALUE	NULLABLE	VARCHAR2(320)	The actual value of the condition defined for the notification type. For Requests & Packages this would be the WORKFLOW_STEP_ID to which the notification belongs. For Report Submissions it is the REPORT_SUBMISSION_ID. For Drive it is the PROJECT_ID.
EVENT_VALUE	NULLABLE	VARCHAR2(320)	The actual value of the event defined for the notification type
VISIBLE_EVENT_VALUE	NULLABLE	VARCHAR2(320)	The visible value of the event defined for the notification type
ENABLED_FLAG	NOT NULL	VARCHAR2(4)	Whether or not this notification is enabled to create email notifications.
INTERVAL_ID	NOT NULL	NUMBER	Interval identifier
NOTIF_TYPE_MESSAGE_ID	NULLABLE	NUMBER	Notif type message identifier
FROM_RECIPIENT_TYPE_CODE	NULLABLE	VARCHAR2(120)	Specifies whether the From field represents an email address, username, token, etc.

Column Name	Null?	Data Type	Description
FROM_TOKEN_TYPE_CODE	NULLABLE	VARCHAR2(120)	Specifies whether it's a standard or a user-defined token.
FROM_ADDRESS	NULLABLE	VARCHAR2(320)	From address listed in the header of an email.
SUBJECT	NULLABLE	VARCHAR2(960)	Subject of the email notification
REPLY_TO_RECIPIENT_TYPE_CODE	NULLABLE	VARCHAR2(120)	Specifies whether the Reply field represents an email address, username, token, etc.
REPLY_TO_TOKEN_TYPE_CODE	NULLABLE	VARCHAR2(120)	Specifies whether it's a standard or a user-defined token.
REPLY_TO_ADDRESS	NULLABLE	VARCHAR2(320)	Reply To address listed in the header of an email.
CONTENT_TYPE_CODE	NULLABLE	VARCHAR2(120)	Specifies the format of the email message.
PARENT_TEXT	NOT NULL	CLOB	The text with tokens defined for the specific notification
NOTIFICATION_COLUMN_ID	NULLABLE	NUMBER	Notification column identifier - is referenced as the parent key of KNTA_NOTIFICATION_COLUMNS.
DELETE_FLAG	NOT NULL	VARCHAR2(4)	A flag to determine if obsolete email notifications should be mailed or deleted

Column Name	Null?	Data Type	Description
REMINDER_DAYS	NULLABLE	NUMBER	The number of days of no response to a notification after which another notification is sent
NOTIFICATION_SET_ID	NULLABLE	NUMBER	Used interanally to group notifications
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULLABLE	VARCHAR2(400)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.
NOTIFICATION_FORMAT_CODE	NOT NULL	VARCHAR2(200)	Indicates the format of notification output: HTML or plain text
PARAMETER_SET_FIELD_ID	NULLABLE	NUMBER	Identifier of the field in the header type that the notification is tied to
SEND_ON_SUBMIT_FLAG	NOT NULL	VARCHAR2(4)	Flag to determine whether to send the notification on submit
MINUTE_OFFSET	NULLABLE	NUMBER	Minutes to wait before notification is sent

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

Sequences

Sequence Name	Sequence Type
KNTA_ NOTIFICATIONS_ S	NOTIFICATION_ ID
KNTA_ NOTIFICATION_ SETS_S	NOTIFICATION_ SET_ID

KNTA_NOTIFICATIONS_TEMP

This table is used to store information about email notifications that are triggered by database events.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_REQUEST_DETAILS	REQUEST_ID	DETAIL_GROUP_ID
KDLV_PACKAGE_LINES	PACKAGE_LINE_ID	DETAIL_GROUP_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_NOTIFICATION_TYPES	NOTIFICATION_TYPE_ID	NOTIFICATION_TYPE_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_REPORT_SUBMISSIONS	REPORT_SUBMISSION_ID	SOURCE_KEY_ID

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 that last updated the record
NOTIFICATION_TYPE_ID	NOT NULL	NUMBER	Foreign key to the notification type

Column Name	Null?	Data Type	Description
CONDITION_VALUE	NULLABLE	VARCHAR2(320)	The value that the condition SQL evaluates to or the value in the condition_column
CONDITION_SQL_EXISTS_FLAG	NOT NULL	VARCHAR2(4)	Flag that determines if there is SQL code in the CONDITION_SQL column in KNTA_NOTIFICATIONS_TYPES
EVENT_COLUMN	NULLABLE	VARCHAR2(120)	The EVENT_COLUMN in the TABLE_NAME specified in KNTA_NOTIFICATION_TYPES
OLD_EVENT_VALUE	NULLABLE	VARCHAR2(800)	Value in the column (specified in EVENT_COLUMN) before it changed.
NEW_EVENT_VALUE	NULLABLE	VARCHAR2(800)	Value in the column (specified in EVENT_COLUMN) after it changed.
VISIBLE_EVENT_COLUMN	NULLABLE	VARCHAR2(120)	The VISIBLE_EVENT_COLUMN in the TABLE_NAME specified in KNTA_NOTIFICATION_TYPES.
OLD_VISIBLE_EVENT_VALUE	NULLABLE	VARCHAR2(800)	The visible value of the old event value
NEW_VISIBLE_EVENT_VALUE	NULLABLE	VARCHAR2(800)	The visible value of the new event value

Column Name	Null?	Data Type	Description
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.
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(4)	Flag to determine whether to send the notification on submit
CONTEXT1-40	NULLABLE	VARCHAR2(1200)	This column is for the token evaluation engine. Contains the primary key of a table (see KNTA_TOKEN.pls). 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

Index Name	Index Type	Sequence	Column Name
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_NOTIFICATION_COLUMNS

KNTA_NOTIFICATION_COLUMNS contains 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_ENTITY_TOKENS	ENTITY_TOKEN_ID	ENTITY_TOKEN_ID
KNTA_PARAMETER_SET_FIELDS	PARAMETER_SET_FIELD_ID	PARAMETER_SET_FIELD_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

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 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
COLUMN_TOKEN	NOT NULL	VARCHAR2(320)	The 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(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULLABLE	VARCHAR2(400)	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_INTERVALS

KNTA_NOTIFICATION_INTERVALS stores the definition of each scheduling interval. The interval is defined with a start time, end time, interval type, time interval (in hours), next time the interval should run, and the specific days with which to send notifications (Sun-Sat). The application server updates the next_send_time as the next_send_time becomes past due and resets the value to the next appropriate start time based on the time interval.

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
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 that 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 that last updated the record
INTERVAL_NAME	NOT NULL	VARCHAR2(120)	Name of the interval
DESCRIPTION	NULLABLE	VARCHAR2(960)	Description of the interval
INTERVAL_TYPE_CODE	NOT NULL	VARCHAR2(120)	Code of type of interval (Periodic or Immediate)
START_TIME	NOT NULL	DATE	The time each day the interval should be activated

Column Name	Null?	Data Type	Description
END_TIME	NOT NULL	DATE	The time each day the interval should be deactivated
TIME_INTERVAL	NOT NULL	NUMBER	The time increment the interval should update the next send time
ENABLED_FLAG	NOT NULL	VARCHAR2(4)	Determines if the interval is enabled for the notifications
NEXT_SEND_TIME	NOT NULL	DATE	The date and time at which notifications of this type should be sent
SUNDAY_FLAG	NOT NULL	VARCHAR2(4)	Flag to set interval active for the day
MONDAY_FLAG	NOT NULL	VARCHAR2(4)	Flag to set interval active for the day
TUESDAY_FLAG	NOT NULL	VARCHAR2(4)	Flag to set interval active for the day
WEDNESDAY_FLAG	NOT NULL	VARCHAR2(4)	Flag to set interval active for the day
THURSDAY_FLAG	NOT NULL	VARCHAR2(4)	Flag to set interval active for the day
FRIDAY_FLAG	NOT NULL	VARCHAR2(4)	Flag to set interval active for the day
SATURDAY_FLAG	NOT NULL	VARCHAR2(4)	Flag to set interval active for the day
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)

Column Name	Null?	Data Type	Description
SOURCE	NULLABLE	VARCHAR2(400)	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_INTERVALS_U1	UNIQUE	1	INTERVAL_ID
KNTA_NOTIFICATION_INTERVALS_U2	UNIQUE	1	INTERVAL_NAME

Sequences

Sequence Name	Sequence Type
KNTA_NOTIFICATION_INTERVALS_S	INTERVAL_ID

KNTA_NOTIFICATION_RECIPIENTS

KNTA_NOTIFICATION_RECIPIENTS 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_NOTIFICATIONS	NOTIFICATION_ID	NOTIFICATION_ID
KNTA_SECURITY_GROUPS	SECURITY_GROUP_ID	SECURITY_GROUP_ID
KNTA_USERS	USER_ID	USER_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

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 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
NOTIFICATION_ID	NOT NULL	NUMBER	Foreign key to notification the recipients are associated with
DISTRIBUTION_TYPE_CODE	NOT NULL	VARCHAR2(120)	Email distribution type such as To, Cc, Bcc.
USER_ID	NULLABLE	NUMBER	User id of user receiving the notification

Column Name	Null?	Data Type	Description
SECURITY_GROUP_ID	NULLABLE	NUMBER	Security group id of security group receiving the notification
EMAIL_ADDRESS	NULLABLE	VARCHAR2(320)	Email address of the recipient receiving the notification
TOKEN_TYPE_CODE	NULLABLE	VARCHAR2(120)	Standard token or user defined token
TOKEN	NULLABLE	VARCHAR2(320)	Contains the user or email address of recipient.
RECIPIENT_TYPE_CODE	NULLABLE	VARCHAR2(120)	Code of the type of TOKEN, either EMAIL_ADDRESS or USER
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULLABLE	VARCHAR2(400)	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

KNTA_NOTIFICATION_TYPES stores the definition for each type of notification provided in PPMC. The table stores default values as well as corresponding lookup values used in PPMC 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	ENTITY_GROUP_ID	DETAIL_ENTITY_GROUP_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_ENTITY_GROUPS	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 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
NOTIFICATION_TYPE_NAME	NOT NULL	VARCHAR2(320)	Name of notification type
DESCRIPTION	NULLABLE	VARCHAR2(960)	Description of notification type

Column Name	Null?	Data Type	Description
TABLE_NAME	NOT NULL	VARCHAR2(120)	The table that will trigger the notification to be sent. Will be either KWFL_STEP_TRANSACTIONS or KNTA_REPORT_SUBMISSIONS
CONDITION_COLUMN	NOT NULL	VARCHAR2(120)	The name of the column in the TABLE_NAME that could trigger a notification
CONDITION_SQL	NULLABLE	VARCHAR2(4000)	SQL run whose result is put in condition_value in KNTA_NOTIFICATIONS_TEMP
EVENT_COLUMN	NULLABLE	VARCHAR2(120)	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(120)	The name of the column in TABLE_NAME with the visible value of the event
PARENT_GROUP_COLUMN	NULLABLE	VARCHAR2(120)	The name of the column in TABLE_NAME that is the ID of the entity to which the TABLE_NAME belongs.

Column Name	Null?	Data Type	Description
DETAIL_GROUP_COLUMN	NULLABLE	VARCHAR2(120)	The 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(4)	Determines if an insert in TABLE_NAME will trigger a notification
ON_UPDATE_FLAG	NOT NULL	VARCHAR2(4)	Determines if an update to TABLE_NAME will trigger a notification
ON_DELETE_FLAG	NOT NULL	VARCHAR2(4)	Determines if a delete to TABLE_NAME will trigger a notification
ENABLED_FLAG	NOT NULL	VARCHAR2(4)	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_NOTIF_TXN_COLUMNS

KNTA_NOTIF_TXN_COLUMNS has rows for each column that was specified in KNTA_NOTIFICATION_COLUMNS for the notification. The tokens for the columns have been replaced with text to be sent in the e-mail.

Foreign Keys

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

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 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
NOTIF_TXN_DETAIL_ID	NOT NULL	NUMBER	Foreign Key to KNTA_NOTIF_TXN_DETAILS table.
COLUMN_SEQUENCE	NOT NULL	NUMBER	The order in which the column is shown in the e-mail.
COLUMN_TEXT	NULLABLE	VARCHAR2(800)	The text that replaced the token.
DEFAULT_COLUMN_SIZE	NULLABLE	NUMBER	The 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

KNTA_NOTIF_TXN_DETAILS contains one row for each request or report submission in KNTA_NOTIF_TXN_PARENTS, or one line for each package line that has caused a notification for a package in the KNTA_NOTIF_TXN_PARENTS. 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
KWFL_STEP_TRANSACTIONS	STEP_TRANSACTION_ID	SOURCE_KEY_ID
KNTA_REPORT_SUBMISSIONS	REPORT_SUBMISSION_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 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
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

KNTA_NOTIF_TXN_PARENTS is 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
KCRT_REQUESTS	REQUEST_ID	PARENT_KEY_ID
KDLV_PACKAGES	PACKAGE_ID	PARENT_KEY_ID
KNTA_REPORT_SUBMISSIONS	REPORT_SUBMISSION_ID	PARENT_KEY_ID
KNTA_NOTIFICATIONS	NOTIFICATION_ID	NOTIFICATION_ID
KNTA_NOTIFICATION_INTERVALS	INTERVAL_ID	INTERVAL_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

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 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
NOTIFICATION_ID	NOT NULL	NUMBER	Foreign Key to the notification table.

Column Name	Null?	Data Type	Description
PARENT_KEY_ID	NOT NULL	NUMBER	Foreign Key to the KDLV_PACKAGES, KCRT_REQUESTS, or KTNA_REPORT_SUBMISSIONS table.
FROM_EMAIL_ADDRESS	NULLABLE	VARCHAR2(320)	Value of the From header field of an email.
SUBJECT	NULLABLE	VARCHAR2(960)	Subject of the email from KNTA_NOTIFICATIONS
REPLY_TO_EMAIL_ADDRESS	NULLABLE	VARCHAR2(320)	Value of the Reply To header field of an email.
CONTENT_TYPE_CODE	NULLABLE	VARCHAR2(120)	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(4)	Flag set to true if the notification has been sent.
REMINDER_FLAG	NOT NULL	VARCHAR2(4)	Flag set to true if a reminder should be sent.
NOTIFICATION_FORMAT_CODE	NOT NULL	VARCHAR2(200)	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

Index Name	Index Type	Sequence	Column Name
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

KNTA_NOTIF_TXN_RECIPIENTS has a list of recipients for each detail. The e-mail addresses have been resolved from tokens, user names, or security groups.

Foreign Keys

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

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 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
NOTIF_TXN_DETAIL_ID	NOT NULL	NUMBER	Foreign Key to the KNTA_NOTIF_TXN_DETAILS table.
EMAIL_ADDRESS	NOT NULL	VARCHAR2(320)	The e-mail address of the recipient.
DISTRIBUTION_TYPE_CODE	NOT NULL	VARCHAR2(120)	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

KNTA_NOTIF_TYPE_MESSAGES holds templates for e-mail messages.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_NOTIFICATION_COLUMNS	NOTIFICATION_COLUMN_ID	NOTIFICATION_COLUMN_ID
KNTA_NOTIFICATION_TYPES	NOTIFICATION_TYPE_ID	NOTIFICATION_TYPE_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

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 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
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
MESSAGE_NAME	NOT NULL	VARCHAR2(320)	name of the message
NOTIFICATION_TYPE_ID	NOT NULL	NUMBER	Foreign Key to KNTA_NOTIFICATION_TYPES table.

Column Name	Null?	Data Type	Description
FROM_ RECIPIENT_ TYPE_CODE	NULLABLE	VARCHAR2(120)	Code indicating the type of recipient it is, such as username, email address, etc. for the email's From field.
FROM_TOKEN_ TYPE_CODE	NULLABLE	VARCHAR2(120)	Specifies whether it is a standard token or a userdefined token.
FROM_ADDRESS	NULLABLE	VARCHAR2(320)	Value of the From header field in the email.
SUBJECT	NULLABLE	VARCHAR2(960)	Default subject for the e-mail message.
REPLY_TO_ RECIPIENT_ TYPE_CODE	NULLABLE	VARCHAR2(120)	Code indicating the type of recipient it is, such as username, email address, etc for the email's Reply To field.
REPLY_TO_ TOKEN_TYPE_ CODE	NULLABLE	VARCHAR2(120)	Specifies whether it is a standard token or a userdefined token.
REPLY_TO_ ADDRESS	NULLABLE	VARCHAR2(320)	Value of the Reply To header field in the email.
CONTENT_ TYPE_CODE	NULLABLE	VARCHAR2(120)	Code specifying the format of the email (HTML, TXT, etc)
PARENT_TEXT	NOT NULL	CLOB	Text of the parent part of the e-mail message, before tokens are replaced.

Column Name	Null?	Data Type	Description
NOTIFICATION_COLUMN_ID	NULLABLE	NUMBER	Foreign Key to KNTA_NOTIFICATION_COLUMNS. These are the default columns for the message.
DEFAULT_FLAG	NOT NULL	VARCHAR2(4)	Determines if this message is the default message for the notification type.
ENABLED_FLAG	NOT NULL	VARCHAR2(4)	Determines if this message can be used in a notification.
NOTIFICATION_FORMAT_CODE	NOT NULL	VARCHAR2(200)	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_OPENAPI_TXN_AUDIT

This table is used to record 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 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
CALLER_NAME	NOT NULL	VARCHAR2(200)	The name of the client machine that initiated the web service call
TRANSACTION_NAME	NOT NULL	VARCHAR2(200)	A transaction name provided by the client machine. This is usually a globally unique string used for tracking purposes.
AUDIT_NOTE	NULLABLE	VARCHAR2(4000)	A note for the web service call

Column Name	Null?	Data Type	Description
OPERATION_NAME	NOT NULL	VARCHAR2(100)	The name of the web-service operation that was invoked by the client
WS_VERSION	NULLABLE	VARCHAR2(200)	The 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_PAGES

A row is stored in this table for each PPMC 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 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
PAGE_NAME	NOT NULL	VARCHAR2(320)	The name that identifies this page
DESCRIPTION	NULLABLE	VARCHAR2(960)	Comments on the page
TITLE	NOT NULL	VARCHAR2(320)	The HTML title of the page

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_PAGES_N1	NONUNIQUE	1	PAGE_NAME
KNTA_PAGES_U1	UNIQUE	1	PAGE_ID

Sequences

Sequence Name	Sequence Type
KNTA_PAGES_S	PAGE_ID

KNTA_PAGE_PORTLET_TYPES

This table is a cross table between KNTA_PAGES and KNTA_PORTLET_TYPES. 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	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 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
PAGE_ID	NOT NULL	NUMBER	The page that hosts this portlet type
PORTLET_TYPE_ID	NOT NULL	NUMBER	The portlet type that appear on this page

Column Name	Null?	Data Type	Description
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULLABLE	VARCHAR2(400)	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_PAGE_PORTLET_TYPES_N2	NONUNIQUE	1	PORTLET_TYPE_ID
KNTA_PAGE_PORTLET_TYPES_N2	NONUNIQUE	2	PAGE_ID
KNTA_PAGE_PORTLET_TYPES_U1	UNIQUE	1	PAGE_PORTLET_TYPE_ID

Sequences

Sequence Name	Sequence Type
KNTA_PAGE_PORTLET_TYPES_S	PAGE_PORTLET_TYPE_ID

KNTA_PARAMETER_SETS

KNTA_PARAMETER_SETS stores basic information about parameter sets defined in PPMC. 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_ENTITIES	ENTITY_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 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
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
PARAMETER_SET_NAME	NOT NULL	VARCHAR2(320)	The name for parameter set
PARAMETER_SET_TITLE	NULLABLE	VARCHAR2(200)	The title for parameter set
DESCRIPTION	NULLABLE	VARCHAR2(960)	Description of the token
PRODUCT_CODE	NULLABLE	VARCHAR2(120)	Code of the product

Column Name	Null?	Data Type	Description
PARAMETER_SET_TYPE	NOT NULL	VARCHAR2(120)	Type of the parameter
NUM_COLUMNS	NOT NULL	NUMBER	Number of columns
TABLE_NAME	NOT NULL	VARCHAR2(120)	The table that drives the parameter_set_context_id for each parameter set
CONTEXT_COLUMN	NULLABLE	VARCHAR2(120)	The column that is used to derive the parameter_set_context_id for this particular parameter set
ORIGINAL_CONTEXT_COLUMN	NULLABLE	VARCHAR2(120)	The seeded column that is used to derive the parameter_set_context_id for this particular parameter set.
ENABLED_FLAG	NOT NULL	VARCHAR2(4)	Determines whether parameter set contexts can be defined for this parameter set
TOKEN_PREFIX_ENTITY_ID	NULLABLE	NUMBER	Token prefix id. Currently used by Request Type to implement rules
SECURITY_ENABLED_FLAG	NOT NULL	VARCHAR2(4)	Flag that determines whether this parameter set is protected

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_PARAMETER_SETS_U1	UNIQUE	1	PARAMETER_SET_ID
KNTA_PARAMETER_SETS_U2	UNIQUE	1	TABLE_NAME

Index Name	Index Type	Sequence	Column Name
KNTA_ PARAMETER_ SETS_U2	UNIQUE	2	CONTEXT_ COLUMN

Sequences

Sequence Name	Sequence Type
KNTA_ PARAMETER_ SETS_S	PARAMETER_ SET_ID

KNTA_PARAMETER_SET_CONTEXTS

KNTA_PARAMETER_SET_CONTEXTS contains the context values associated with a parameters set. Column CONTEXT_VALUE stores the value of the context column defined by CONTEXT_COLUMN in KNTA_PARAMETER_SETS.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_ENTITIES	ENTITY_ID	ENTITY_ID
KNTA_PARAMETER_SETS	PARAMETER_SET_ID	PARAMETER_SET_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

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 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
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

Column Name	Null?	Data Type	Description
CONTEXT_ VALUE	NULLABLE	VARCHAR2(800)	The value of the context for column CONTEXT_COLUMN in table TABLE_NAME as defined in KNTA_PARAMETER_SETS
VISIBLE_ CONTEXT_ VALUE	NULLABLE	VARCHAR2(800)	The field that stores the displayed value for the context_value field. (ie. if the context value is a workflow id, this field will contain the workflow name)
ENABLED_FLAG	NOT NULL	VARCHAR2(4)	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(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULLABLE	VARCHAR2(400)	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
MDL_VIEW_NAME_ROOT	NULLABLE	VARCHAR2(80)	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(4)	Flag that determines whether visibility security data exists for the parameter set context

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_SET_FIELDS

KNTA_PARAMETER_SET_FIELDS defines the properties of a field on a request type. It provides the data mapping, layout, validation, auditing, etc.

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_VALIDATIONS	VALIDATION_ID	VALIDATION_ID
KNTA_VALIDATION_PROFILES	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 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
PARAMETER_SET_CONTEXT_ID	NOT NULL	NUMBER	Context id
FIELD_ID	NULLABLE	NUMBER	Field id
PROMPT	NOT NULL	VARCHAR2(400)	Prompt for the field
DESCRIPTION	NULLABLE	VARCHAR2(1600)	Description for the field

Column Name	Null?	Data Type	Description
PARAMETER_TOKEN	NOT NULL	VARCHAR2(120)	The logical token that will be substituted with the actual value during command execution.
PARAMETER_COLUMN_NUMBER	NULLABLE	NUMBER	Column's number of a specific parameter
PARAMETER_TABLE_NAME	NULLABLE	VARCHAR2(120)	Table name of a specific parameter
PARAMETER_VALUE_COL_NAME	NULLABLE	VARCHAR2(120)	Column name of a specific parameter
PARAMETER_VIS_VALUE_COL_NAME	NULLABLE	VARCHAR2(120)	Displayed (visible) column name of a specific parameter
VALIDATION_ID	NOT NULL	NUMBER	The validation that will be used to validate this parameter
DEFAULT_TYPE	NULLABLE	NUMBER	Default type of a parameter(i.e none, constant or parameter)
VISIBLE_DEFAULT_CONST_VALUE	NULLABLE	VARCHAR2(4000)	The visible constant value
DEFAULT_PARAMETER_TOKEN	NULLABLE	VARCHAR2(120)	The name of the token that is evaluated to derive the default value for the parameter
PRODUCT_SCOPE_CODE	NOT NULL	VARCHAR2(160)	Code for the product scope
SECTION_ID	NULLABLE	NUMBER	Identifier for the section where the parameter set fields belong
COLUMN_NUMBER	NULLABLE	NUMBER	Column's number
ROW_NUMBER	NULLABLE	NUMBER	Row's number

Column Name	Null?	Data Type	Description
GRID_HEIGHT	NULLABLE	NUMBER	grid height (useful to draw components)
GRID_WIDTH	NULLABLE	NUMBER	grid width (useful to draw components)
COMPONENT_LINES	NULLABLE	NUMBER	number of lines for mult-lined components (like TextAreas)
DISPLAY_FLAG	NOT NULL	VARCHAR2(4)	Indicates whether the parameter should be visible to the user
DISPLAY_ONLY_FLAG	NOT NULL	VARCHAR2(4)	Indicates whether the parameter is only displayed and not editable
UPDATEABLE_FLAG	NOT NULL	VARCHAR2(4)	Whether or not a field is updateable
REQUIRED_FLAG	NOT NULL	VARCHAR2(4)	Indicates whether the parameter must be entered by the user
TRANS_HISTORY_FLAG	NOT NULL	VARCHAR2(4)	Whether or not to create a transaction history
NOTES_HISTORY_FLAG	NOT NULL	VARCHAR2(4)	Whether or not to create a note history
ENABLED_FLAG	NOT NULL	VARCHAR2(4)	Indicates whether the parameter is currently is used or disabled
WORKBENCH_ONLY_FLAG	NOT NULL	VARCHAR2(4)	Indicate whether this field should be visible in workbench only (i.e. not visible in HTML)
MULTI_FLAG	NOT NULL	VARCHAR2(4)	Indicates whether the parameter supports multi-autocomplete field.

Column Name	Null?	Data Type	Description
VALIDATION_PROFILE_ID	NULLABLE	NUMBER	Use only for header fields(ie Packages or Requests)
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULLABLE	VARCHAR2(400)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.
CLEAR_RULE	NULLABLE	VARCHAR2(2000)	Contains a token name of a field that when changed, will clear the contents of this field.
DISPLAY_ONLY_RULE	NULLABLE	VARCHAR2(800)	Contains a rule to set this field to be "display only" when the condition is met.
REQUIRED_RULE	NULLABLE	VARCHAR2(800)	Contains a rule to set this field to be required when this condition is met.
BATCH_NUMBER	NULLABLE	NUMBER	Used to support unlimited parameter fields. By default the batch_number is 1

Column Name	Null?	Data Type	Description
SEARCH_VALIDATION_ID	NULLABLE	NUMBER	Uniquely identifies which search validation is used by the parameter set field
SEARCHABLE_FLAG	NULLABLE	VARCHAR2(4)	Used to indicate whether this field can be visible in search and filter pages.
VISIBLE_TO_ALL_FLAG	NOT NULL	VARCHAR2(4)	Flag to determine if the field is visible to all
EDITABLE_BY_ALL_FLAG	NOT NULL	VARCHAR2(4)	Flag to determine if the field is editable by all
TABLE_COLUMN_SEQUENCE	NULLABLE	NUMBER	Sequence of the table column for the field
DISPLAY_TOTAL_FLAG	NULLABLE	VARCHAR2(4)	Flag that determines whether or not to display totals
SOURCE_PARAMETER_SET_ID	NULLABLE	NUMBER	Identifier that uniquely identifies the source parameter set
SOURCE_PARAMETER_SET_FIELD_ID	NULLABLE	NUMBER	Identifier that uniquely identifies the source field in the parameter set

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

Index Name	Index Type	Sequence	Column Name
KNTA_ PARAMETER_ SET_FIELDS_N4	NONUNIQUE	1	SECTION_ID
KNTA_ PARAMETER_ SET_FIELDS_U1	UNIQUE	1	PARAMETER_ SET_FIELD_ID

Sequences

Sequence Name	Sequence Type
KNTA_ PARAMETER_ SET_FIELDS_S	PARAMETER_ SET_FIELD_ID

KNTA_PARAM_RULES

The master table for autopopulation rules. Also refer to KNTA_PARAM_RULE_DEPENDENCIES and KNTA_PARAM_RULE_RESULTS.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	PARAMETER_SET_CONTEXT_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KWFL_WORKFLOWS	WORKFLOW_ID	WORKFLOW_ID
KNTA_USERS	USER_ID	ASSIGNED_TO_USER_ID
KNTA_SECURITY_GROUPS	SECURITY_GROUP_ID	ASSIGNED_TO_GROUP_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 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
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
PARAM_RULE_NAME	NOT NULL	VARCHAR2(600)	The name of this rule
DESCRIPTION	NULLABLE	VARCHAR2(1200)	The description of this rule

Column Name	Null?	Data Type	Description
SEQ_NUMBER	NOT NULL	NUMBER	The sequence of this rule
PARAMETER_SET_CONTEXT_ID	NOT NULL	NUMBER	The parameter set context for which this rule applies
RULE_EVENT_CODE	NOT NULL	VARCHAR2(120)	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(4)	Whether or not this rule is enabled
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULLABLE	VARCHAR2(400)	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(120)	The 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(120)	For simple rules: The Department code that will trigger this rule

Column Name	Null?	Data Type	Description
APPLICATION	NULLABLE	VARCHAR2(120)	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
ASSIGNED_TO_GROUP_ID	NULLABLE	NUMBER	For simple rules: The group ID to populate when the rule is triggered

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_RULE_DEPENDENCIES

Table that describes the dependent fields for autopopulation 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_PARAMETER_SET_FIELDS	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 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
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
PARAM_RULE_ID	NOT NULL	NUMBER	The rule that this field is dependent for
PARAMETER_SET_FIELD_ID	NOT NULL	NUMBER	The field id
VISIBLE_PARAMETER	NULLABLE	VARCHAR2(4000)	The visible value which will cause this dependency to succeed

Column Name	Null?	Data Type	Description
PARAMETER	NULLABLE	VARCHAR2(4000)	The hidden value which will cause this dependency to succeed
ALL_VALUES_FLAG	NOT NULL	VARCHAR2(4)	Y = Any value in this field causes this dependency to succeed. N = Use VISIBLE_PARAMETER and PARAMETER to see if this dependency succeeds.
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULLABLE	VARCHAR2(400)	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(800)	Comparison codes for rules other than simple equality.

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

Table that describes the result fields for autopopulation rules.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_PARAM_RULES	PARAM_RULE_ID	PARAM_RULE_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_PARAMETER_SET_FIELDS	PARAMETER_SET_FIELD_ID	PARAMETER_SET_FIELD_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 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
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
PARAM_RULE_ID	NOT NULL	NUMBER	The rule that this field is a result for
PARAMETER_SET_FIELD_ID	NOT NULL	NUMBER	The field id
SEQ_NUMBER	NOT NULL	NUMBER	The sequence that this field is populated from the SQL.

Column Name	Null?	Data Type	Description
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULLABLE	VARCHAR2(400)	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_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
KRML_PARAMETER_SET_FLDS_COPY	PARAMETER_SET_FIELD_ID	PARAMETER_SET_FIELD_ID
KNTA_PARAMETER_SET_FIELDS	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 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
PARAMETER_SET_FIELD_ID	NOT NULL	NUMBER	Identifier of the set field this record describes
ALLOW_PROMPT_FLAG	NULLABLE	VARCHAR2(4)	Flag that determines whether to allow a prompt for this field

Column Name	Null?	Data Type	Description
ALLOW_DESCRIPTION_FLAG	NULLABLE	VARCHAR2(4)	Flag that determines whether to allow a description for this field
ALLOW_ENABLED_FLAG	NULLABLE	VARCHAR2(4)	Flag that determines whether the field is enabled
ALLOW_VALIDATION_FLAG	NULLABLE	VARCHAR2(4)	Flag that determines whether the field allows validation
ALLOW_MULTI_FLAG	NULLABLE	VARCHAR2(4)	Flag that determines whether the field allows multiple values
ALLOW_EDITABLE_FLAG	NULLABLE	VARCHAR2(4)	Flag that determines whether the field is editable
ALLOW_TRANS_HISTORY_FLAG	NULLABLE	VARCHAR2(4)	Flag that determines whether the field allows transaction history to be saved
ALLOW_DISP_IN_SEARCH_FLAG	NULLABLE	VARCHAR2(4)	Flag that determines whether the field is displayed in a search
ALLOW_NOTES_HISTORY_FLAG	NULLABLE	VARCHAR2(4)	Flag that determines whether the field will appear in the notes history section when the field is changed
ALLOW_SEARCH_VALIDATION_FLAG	NULLABLE	VARCHAR2(4)	Flag that determines whether the field allows a search validation

Column Name	Null?	Data Type	Description
ALLOW_DEFAULT_FLAG	NULLABLE	VARCHAR2(4)	Flag that determines whether the field allows a default value
ALLOW_VISIBLE_SECURITY_FLAG	NULLABLE	VARCHAR2(4)	Flag that determines whether to allow the security of the field to be visible
ALLOW_EDITABLE_SECURITY_FLAG	NULLABLE	VARCHAR2(4)	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_PASSWORD_CHANGES

List of old passwords previously used by all users. This table is used when password reuse is restricted by PPMC Administrator (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 is 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 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
USER_ID	NOT NULL	NUMBER	User who own the old password
PASSWORD_CHANGE_DATE	NOT NULL	DATE	Date password become obsolete
PASSWORD	NULLABLE	VARCHAR2(800)	The old password

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_PASSWORD_CHANGES_N1	NONUNIQUE	1	USER_ID

Index Name	Index Type	Sequence	Column Name
KNTA_ PASSWORD_ CHANGES_U1	UNIQUE	1	PASSWORD_ CHANGE_ID

Sequences

Sequence Name	Sequence Type
KNTA_ PASSWORD_ CHANGES_S	PASSWORD_ CHANGE_ID

KNTA_PENDING_EXCEPTIONS

This table contains 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	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 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
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

Index Name	Index Type	Sequence	Column Name
KNTA_PENDING_EXCEPTIONS_U1	UNIQUE	2	SOURCE_ENTITY_ID

Sequences

This table does not use any Sequences.

KNTA_PENDING_FLS_DENORM

This is a denormalized table that stores information about pending field level security transactions on existing entities in the PPMC system.

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
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 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
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(800)	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 contains 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	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 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
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

Column Name	Null?	Data Type	Description
STATUS_CODE	NULLABLE	VARCHAR2(800)	Indicates the status for this reference - SCHEDULED, NEW, IN_PROGRESS, CANCELLED, CLOSED_SUCCESS, CLOSED_FAILURE, CLOSED_MIXED
EVENT_CODE	NULLABLE	VARCHAR2(800)	Provides the event code for this reference - PREDECESSORS_COMPLETED, PREDECESSORS_REMOVED, PREDECESSORS_ADDED, OVERRIDDEN
UPDATE_SYS_OVERRIDE	NULLABLE	VARCHAR2(4)	Indicates the update system override flag
REL_BEHAVIOR_CODE	NULLABLE	VARCHAR2(800)	Provides the relational behavior code for this reference - INFORMATIONAL, PREDECESSOR, SUCCESSOR, FF_PREDECESSOR, AUTO_UPDATE, UPDATED_BY_STEP
CALLBACK_EVENT	NULLABLE	VARCHAR2(400)	Provides the callback event for this reference - REOPEN, REQUEST_HOOK, UPDATE_TASK_STATE

Indexes

This table does not use any Indexes.

Sequences

Sequence Name	Sequence Type
KNTA_PENDING_ REFERENCES_S	REF_PENDING_ ID

KNTA_PENDING_ROLLUPS

Contains 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	LAST_UPDATED_BY
KNTA_PERIODS	PERIOD_ID	PERIOD_ID
KNTA_USERS	USER_ID	RESOURCE_USER_ID
KNTA_ENTITIES	ENTITY_ID	SOURCE_ENTITY_ID
KNTA_ENTITIES	ENTITY_ID	TARGET_ENTITY_ID
KNTA_USERS	USER_ID	CREATED_BY

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 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
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.

Column Name	Null?	Data Type	Description
TARGET_ENTITY_ID	NULLABLE	NUMBER	Entity id of the target whose values need to be recalculated.
TARGET_ENTITY_PRIMARY_KEY	NULLABLE	NUMBER	Primary key of the target whose values need to be recalculated.
PERIOD_ID	NULLABLE	NUMBER	The period in which the rollup needs to be recalculated. Can be null.
RESOURCE_USER_ID	NULLABLE	NUMBER	The 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_PERIODS

KNTA_PERIODS are a list of weekly, monthly and yearly time periods used for reports.

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_PERIOD_TYPES	PERIOD_TYPE_ID	PERIOD_TYPE_ID
KNTA_PERIOD_GROUPS	PERIOD_GROUP_ID	PERIOD_GROUP_ID

Column Descriptions

Column Name	Null?	Data Type	Description
PERIOD_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
PERIOD_TYPE	NOT NULL	VARCHAR2(120)	Either WEEK, MONTH, or YEAR
PERIOD_CODE	NOT NULL	VARCHAR2(120)	A descriptive unique identifier
START_DATE	NOT NULL	DATE	Start date of the defined period
END_DATE	NOT NULL	DATE	End date of the defined period
PERIOD_FULL_NAME	NOT NULL	VARCHAR2(400)	Name of the period with the month names spelt out.

Column Name	Null?	Data Type	Description
PERIOD_SHORT_NAME	NOT NULL	VARCHAR2(120)	Abbreviated period name with numeric month value and 2 digit year value.
PERIOD_TYPE_ID	NOT NULL	NUMBER	Foreign key to Period Types table. Determines the duration of the period (day, week, fiscal month, month, or year)
SEQ	NOT NULL	NUMBER	Determines the chronological order of the period by the period type.
PERIOD_GROUP_ID	NULLABLE	NUMBER	Foreign key to KNTA_PERIOD_GROUPS. Determines which quarter this period belongs to.

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_PERIODS_N1	NONUNIQUE	1	START_DATE
KNTA_PERIODS_N1	NONUNIQUE	2	END_DATE
KNTA_PERIODS_N1	NONUNIQUE	3	PERIOD_TYPE
KNTA_PERIODS_N2	NONUNIQUE	1	PERIOD_TYPE_ID
KNTA_PERIODS_U1	UNIQUE	1	PERIOD_ID
KNTA_PERIODS_U2	UNIQUE	1	START_DATE
KNTA_PERIODS_U2	UNIQUE	2	END_DATE
KNTA_PERIODS_U2	UNIQUE	3	PERIOD_TYPE_ID
KNTA_PERIODS_U4	UNIQUE	1	SEQ

Index Name	Index Type	Sequence	Column Name
KNTA_PERIODS_ U4	UNIQUE	2	PERIOD_TYPE_ ID

Sequences

Sequence Name	Sequence Type
KNTA_PERIODS_ S	PERIOD_ID

KNTA_PERIOD_GROUPS

This table stores information about relationships between two periods such as which month belongs to which year or quarters.

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_PERIODS	PERIOD_ID	PARENT_PERIOD_ID
KNTA_PERIODS	PERIOD_ID	CHILD_PERIOD_ID

Column Descriptions

Column Name	Null?	Data Type	Description
PERIOD_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 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
PERIOD_GROUP_NAME	NOT NULL	VARCHAR2(120)	Name of the period group
PARENT_PERIOD_ID	NULLABLE	NUMBER	Parent period ID.
CHILD_PERIOD_ID	NULLABLE	NUMBER	Child period ID.

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_PERIOD_GROUPS_N1	NONUNIQUE	1	PARENT_PERIOD_ID

Index Name	Index Type	Sequence	Column Name
KNTA_PERIOD_GROUPS_N1	NONUNIQUE	2	CHILD_PERIOD_ID
KNTA_PERIOD_GROUPS_U1	UNIQUE	1	PERIOD_GROUP_ID
KNTA_PERIOD_GROUPS_U2	UNIQUE	1	PERIOD_GROUP_NAME

Sequences

Sequence Name	Sequence Type
KNTA_PERIOD_GROUPS_S	PERIOD_GROUP_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	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
PERIOD_TYPE_NAME	NOT NULL	VARCHAR2(400)	Name of the period type
DESCRIPTION	NOT NULL	VARCHAR2(1000)	Short description of the period type
START_DAY_CODE	NOT NULL	VARCHAR2(120)	Identifier that identifies which day the period type starts on
ENABLED_FLAG	NOT NULL	VARCHAR2(4)	Flag that determines whether the period type is enabled

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_PERIOD_TYPES_U1	UNIQUE	1	PERIOD_TYPE_ID

Sequences

Sequence Name	Sequence Type
KNTA_PERIOD_ TYPES_S	PERIOD_TYPE_ ID

KNTA_PERSONALIZATION_VALUES

A row is stored into this table for each value the 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 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
PERSONALIZATION_VALUE_SET_ID	NOT NULL	NUMBER	Identifier for the set of filter fields on a portlet edit page
PARAMETER_NAME	NOT NULL	VARCHAR2(160)	Name of the parameter for the filter field
PARAMETER_HIDDEN_VALUE	NOT NULL	VARCHAR2(4000)	The hidden value of the parameter
PARAMETER_VISIBLE_VALUE	NOT NULL	VARCHAR2(4000)	The visible value of the parameter

Column Name	Null?	Data Type	Description
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULLABLE	VARCHAR2(400)	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_PERSONALIZATION_VALUE_SETS_S	PERSONALIZATION_VALUE_SET_ID

KNTA_PORTLETS

A row is stored in this table 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 users personalize a page, edit a portlet on the page, or delete a portlet from the page, the default rows for the page is duplicated for him/her. After that, if he/she 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_PORTLET_TYPES	PORTLET_TYPE_ID	PORTLET_TYPE_ID
KNTA_PERSONALIZATION_VALUES	PERSONALIZATION_VALUE_SET_ID	PERSONALIZATION_VALUE_SET_ID
KNTA_PORTLET_COLUMNS	PORTLET_COLUMN_SET_ID	PORTLET_COLUMN_SET_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 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
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
PORTLET_TYPE_ID	NOT NULL	NUMBER	The portlet type of this portlet

Column Name	Null?	Data Type	Description
USER_PAGE_TAB_ID	NOT NULL	NUMBER	The page and the tab that this portlet belongs to for a user.
PARAMETER_SET_CONTEXT_ID	NULLABLE	NUMBER	Parameter set context id for the filter fields.
WIDTH	NOT NULL	NUMBER	The width of this portlet type (1 = narrow or 2 = wide)
TITLE	NOT NULL	VARCHAR2(320)	The user-defined title of this portlet.
SECTION	NOT NULL	NUMBER	The section number of the page (starting from 1) that this portlet sits on.
ROW_IN_SECTION	NOT NULL	NUMBER	The row number in the section (starting from 1) that this portlet sits on.
MAX_ROWS	NULLABLE	NUMBER	The 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, etc. either in SQL*Plus or through a screen in a future release.
PERSONALIZATION_VALUE_SET_ID	NULLABLE	NUMBER	Identifies the set of personalization values for this portlet. See table KNTA_PERSONALIZATION_VALUES.

Column Name	Null?	Data Type	Description
PERSON_VALUE_SET_CHANGED_FLAG	NOT NULL	VARCHAR2(4)	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_COLUMN_SET_CHANGED_FLAG	NULLABLE	VARCHAR2(4)	Whether the user has personalized the columns in the portlet.
SELECT_CLAUSE	NULLABLE	CLOB	The SELECT clause of the query that is used to load the data for this portlet.
FROM_CLAUSE	NULLABLE	VARCHAR2(4000)	The FROM clause of the query that is used to load the data for this portlet.
WHERE_CLAUSE	NULLABLE	CLOB	The WHERE clause of the query that is used to load the data for this portlet.
ORDER_BY_CLAUSE	NULLABLE	VARCHAR2(4000)	The ORDER BY clause of the query that is used to load the data for this portlet.
GROUP_BY_CLAUSE	NULLABLE	VARCHAR2(4000)	The GROUP BY clause of the query that is used to load the data for this portlet.
HAVING_CLAUSE	NULLABLE	VARCHAR2(4000)	The HAVING clause of the query that is used to load the data for this portlet.

Column Name	Null?	Data Type	Description
INVALID_FLAG	NULLABLE	VARCHAR2(4)	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_N3	NONUNIQUE	1	PORTLET_ COLUMN_SET_ID
KNTA_ PORTLETS_N4	NONUNIQUE	1	PERSONALIZATI ON_VALUE_SET_ ID
KNTA_ PORTLETS_U1	UNIQUE	1	PORTLET_ID

Sequences

Sequence Name	Sequence Type
KNTA_ PORTLETS_S	PORTLET_ID

KNTA_PORTLET_COLUMNS

KNTA_PORTLET_COLUMNS 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_PORTLET_TYPE_COLUMNS	PORTLET_TYPE_COLUMN_ID	PORTLET_TYPE_COLUMN_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

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 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
PORTLET_TYPE_COLUMN_ID	NOT NULL	NUMBER	The ID of the portlet type column of which this column is an instance.
SEQUENCE_NUMBER	NOT NULL	NUMBER	The position, within the portlet, of this column.
PORTLET_COLUMN_SET_ID	NOT NULL	NUMBER	The ID of the column set to which this column belongs.

Column Name	Null?	Data Type	Description
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULLABLE	VARCHAR2(400)	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

KNTA_PORTLET_QUERIES 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 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
PORTLET_TYPE_ID	NOT NULL	NUMBER	The ID of the portlet type for which this portlet query is a default.
PARAMETER_NAME	NULLABLE	VARCHAR2(160)	The name of the parameter used to select the defaults for a portlet.
PARAMETER_VALUE	NULLABLE	VARCHAR2(800)	If the portlet uses this parameter value, then the default clauses will be used from this portlet query.

Column Name	Null?	Data Type	Description
SELECT_CLAUSE	NOT NULL	VARCHAR2(4000)	The default select clause for the query based on the parameter name and value.
FROM_CLAUSE	NOT NULL	VARCHAR2(4000)	The default from clause for the query based on the parameter name and value.
GROUP_BY_CLAUSE	NULLABLE	VARCHAR2(4000)	The default group by clause for the query based on the parameter name and value.
ORDER_BY_CLAUSE	NULLABLE	VARCHAR2(4000)	The default order by clause for the query based on the parameter name and value.
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULLABLE	VARCHAR2(400)	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

Index Name	Index Type	Sequence	Column Name
KNTA_PORTLET_QUIRIES_U1	UNIQUE	1	PORTLET_QUERY_ID
KNTA_PORTLET_QUIRIES_U2	UNIQUE	1	PORTLET_TYPE_ID
KNTA_PORTLET_QUIRIES_U2	UNIQUE	2	PARAMETER_NAME
KNTA_PORTLET_QUIRIES_U2	UNIQUE	3	PARAMETER_VALUE

Sequences

Sequence Name	Sequence Type
KNTA_PORTLET_QUIRIES_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 e.g., 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_PORTLETS	PORTLET_ID	PORTLET_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

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 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
PORTLET_ID	NOT NULL	NUMBER	Portlet for which the sql parameters are defined
PARAMETER	NOT NULL	VARCHAR2(320)	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(4)	Defines if the token was pre-resolved.
SQL_CLAUSE	NOT NULL	VARCHAR2(40)	Define 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_TYPES

KNTA_PORTLET_TYPES 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 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
VALID_FROM_DATE	NOT NULL	DATE	The date and time when the portlet definition was changed that would have caused propagation.
PORTLET_TYPE_NAME	NOT NULL	VARCHAR2(320)	Name of the portlet.
DESCRIPTION	NULLABLE	VARCHAR2(1600)	Description of the portlet.

Column Name	Null?	Data Type	Description
PORTLET_CATEGORY	NULLABLE	VARCHAR2(320)	User defined category for the portlet.
PORTLET_URL	NOT NULL	VARCHAR2(800)	The relative URL location from the dashboard home for a portlet of this type.
PORTLET_MAX_URL	NULLABLE	VARCHAR2(800)	The relative URL location from the dashboard home for the max page of a portlet of this type.
PORTLET_FILTER_URL	NULLABLE	VARCHAR2(800)	The relative URL location from the dashboard home for the filter page of a portlet of this type.
PORTLET_ARRANGE_DATA_URL	NULLABLE	VARCHAR2(800)	The relative URL location from the dashboard home for the arrange data page of a portlet of this type.
PRODUCT_SCOPE_TYPE	NOT NULL	VARCHAR2(120)	Defines what product does this portlet belong to.
EDITABLE_FLAG	NOT NULL	VARCHAR2(4)	A flag to indicate whether an instance of this portlet type is editable.
MAXIMIZABLE_FLAG	NOT NULL	VARCHAR2(4)	A flag to indicate whether an instance of this portlet type is maximizable.
SINGLE_INSTANCE_FLAG	NOT NULL	VARCHAR2(4)	A flag to indicate whether only one instance of the portlet type is allowed per user.

Column Name	Null?	Data Type	Description
ENABLED_FLAG	NOT NULL	VARCHAR2(4)	A flag to indicate whether this portlet type is enabled to be instantiated.
DISPLAY_CONFIGURABLE_FLAG	NOT NULL	VARCHAR2(4)	Internal field, defines if the portlet columns can be configured in portlet builder.
FILTER_CONFIGURABLE_FLAG	NOT NULL	VARCHAR2(4)	Internal field, defines if the portlet filter fields be configured in portlet builder.
RESTRICT_ACCESS_FLAG	NOT NULL	VARCHAR2(4)	If the value is Y, the portlet security checks are made.
FILTERABLE_FLAG	NOT NULL	VARCHAR2(4)	Internal field for backwards compatibility. Defines if the portlet data can be filtered.
REQUIRE_PERSONALIZATION_FLAG	NOT NULL	VARCHAR2(4)	Defines if the user should be forced to personalize the portlet (first time only) before viewing the data.
BASE_SELECT_CLAUSE	NULLABLE	CLOB	The default SELECT clause of the query that is used to load the data for this portlet.
BASE_FROM_CLAUSE	NULLABLE	VARCHAR2(4000)	The default FROM clause of the query that is used to load the data for this portlet.
BASE_WHERE_CLAUSE	NULLABLE	CLOB	The default WHERE clause of the query that is used to load the data for this portlet.

Column Name	Null?	Data Type	Description
BASE_ORDER_BY_CLAUSE	NULLABLE	VARCHAR2(4000)	The default ORDER_BY clause of the query that is used to load the data for this portlet.
BASE_GROUP_BY_CLAUSE	NULLABLE	VARCHAR2(4000)	The default GROUP_BY clause of the query that is used to load the data for this portlet.
BASE_HAVING_CLAUSE	NULLABLE	VARCHAR2(4000)	The default HAVING clause of the query that is used to load the data for this portlet.
DEFAULT_TITLE	NOT NULL	VARCHAR2(320)	The default title given to new instances of this portlet type.
DEFAULT_WIDTH	NOT NULL	NUMBER	The default width, narrow or wide, of this portlet type.
DEFAULT_MAX_ROWS	NULLABLE	NUMBER	The default maximum number of rows displayed in a portlet of this type.
LAYOUT_TYPE_CODE	NOT NULL	VARCHAR2(120)	The layout type, table or form, of this portlet type.
DEFAULT_LAYOUT_SET_ID	NULLABLE	NUMBER	The ID of the default layout set, usually column set, for this portlet type.
DEFAULT_PERSON_VALUE_SET_ID	NULLABLE	NUMBER	The ID of the default personalization value set for this portlet type.
CLASS_OF_DATA_CAPSULE	NOT NULL	VARCHAR2(800)	The java class of the capsule used by this portlet type.

Column Name	Null?	Data Type	Description
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULLABLE	VARCHAR2(400)	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(800)	Parameters that are passed to the Java Server Page URL for the portlet to be displayed properly
CONTROLLER_CLASS	NULLABLE	VARCHAR2(800)	Java controller class for the portlet
DRILL_DOWN_SELECT_CLAUSE	NULLABLE	VARCHAR2(4000)	SQL Select clause for drill down functionality for the portlet
LIMIT_RESULTS_FLAG	NOT NULL	VARCHAR2(4)	Flag that determines if the portlet has a limit on the number of results

Column Name	Null?	Data Type	Description
PAGEABLE_FLAG	NOT NULL	VARCHAR2(4)	Flag that determines whether the portlet is able to maximize to a full page
DEFAULT_MAX_PAGE_MAX_ROWS	NULLABLE	NUMBER	Default maximum pages and maximum rows for the portlet
USE_BIND_VARIABLES_FLAG	NOT NULL	VARCHAR2(4)	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(120)	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 is used to backup the portlet_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
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 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
VALID_FROM_DATE	NOT NULL	DATE	The date and time when the portlet definition was changed that would have caused propagation.
PORTLET_TYPE_NAME	NOT NULL	VARCHAR2(320)	Name of the portlet.
DESCRIPTION	NULLABLE	VARCHAR2(1600)	Description of the portlet.
PORTLET_CATEGORY	NULLABLE	VARCHAR2(320)	User defined category for the portlet.

Column Name	Null?	Data Type	Description
PORTLET_URL	NOT NULL	VARCHAR2(800)	The relative URL location from the dashboard home for a portlet of this type.
PORTLET_MAX_URL	NULLABLE	VARCHAR2(800)	The relative URL location from the dashboard home for the max page of a portlet of this type.
PORTLET_FILTER_URL	NULLABLE	VARCHAR2(800)	The relative URL location from the dashboard home for the filter page of a portlet of this type.
PORTLET_ARRANGE_DATA_URL	NULLABLE	VARCHAR2(800)	The relative URL location from the dashboard home for the arrange data page of a portlet of this type.
PRODUCT_SCOPE_TYPE	NOT NULL	VARCHAR2(120)	Defines what product does this portlet belong to.
EDITABLE_FLAG	NOT NULL	VARCHAR2(4)	A flag to indicate whether an instance of this portlet type is editable.
MAXIMIZABLE_FLAG	NOT NULL	VARCHAR2(4)	A flag to indicate whether an instance of this portlet type is maximizable.
SINGLE_INSTANCE_FLAG	NOT NULL	VARCHAR2(4)	A flag to indicate whether only one instance of the portlet type is allowed per user.
ENABLED_FLAG	NOT NULL	VARCHAR2(4)	A flat to indicate whether this portlet type is enabled to be instantiated.

Column Name	Null?	Data Type	Description
DISPLAY_CONFIGURABLE_FLAG	NOT NULL	VARCHAR2(4)	Internal field, defines if the portlet columns can be configured in portlet builder.
FILTER_CONFIGURABLE_FLAG	NOT NULL	VARCHAR2(4)	Internal field, defines if the portlet filter fields be configured in portlet builder.
RESTRICT_ACCESS_FLAG	NOT NULL	VARCHAR2(4)	If the value is Y, the portlet security checks are made.
FILTERABLE_FLAG	NOT NULL	VARCHAR2(4)	Internal field for backwards compatibility. Defines if the portlet data can be filtered.
REQUIRE_PERSONALIZATION_FLAG	NOT NULL	VARCHAR2(4)	Defines if the user should be forced to personalize the portlet (first time only) before viewing the data.
BASE_SELECT_CLAUSE	NULLABLE	CLOB	The default SELECT clause of the query that is used to load the data for this portlet.
BASE_FROM_CLAUSE	NULLABLE	VARCHAR2(4000)	The default FROM clause of the query that is used to load the data for this portlet.
BASE_WHERE_CLAUSE	NULLABLE	CLOB	The default WHERE clause of the query that is used to load the data for this portlet.
BASE_ORDER_BY_CLAUSE	NULLABLE	VARCHAR2(4000)	The default ORDER_BY clause of the query that is used to load the data for this portlet.

Column Name	Null?	Data Type	Description
BASE_GROUP_BY_CLAUSE	NULLABLE	VARCHAR2(4000)	The default GROUP_BY clause of the query that is used to load the data for this portlet.
BASE_HAVING_CLAUSE	NULLABLE	VARCHAR2(4000)	The default HAVING clause of the query that is used to load the data for this portlet.
DEFAULT_TITLE	NOT NULL	VARCHAR2(320)	The default title given to new instances of this portlet type.
DEFAULT_WIDTH	NOT NULL	NUMBER	The default width, narrow or wide, of this portlet type.
DEFAULT_MAX_ROWS	NULLABLE	NUMBER	The default maximum number of rows displayed in a portlet of this type.
LAYOUT_TYPE_CODE	NOT NULL	VARCHAR2(120)	The layout type, table or form, of this portlet type.
DEFAULT_LAYOUT_SET_ID	NULLABLE	NUMBER	The ID of the default layout set, usually column set, for this portlet type.
DEFAULT_PERSON_VALUE_SET_ID	NULLABLE	NUMBER	The ID of the default personalization value set for this portlet type.
CLASS_OF_DATA_CAPSULE	NOT NULL	VARCHAR2(800)	The 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(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULLABLE	VARCHAR2(400)	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(800)	Parameters that are passed to the Java Server Page URL for the portlet to be displayed properly
CONTROLLER_CLASS	NULLABLE	VARCHAR2(800)	Java controller class for the portlet
DRILL_DOWN_SELECT_CLAUSE	NULLABLE	VARCHAR2(4000)	SQL Select clause for drill down functionality for the portlet
LIMIT_RESULTS_FLAG	NOT NULL	VARCHAR2(4)	Flag that determines if the portlet has a limit on the number of results
PAGEABLE_FLAG	NOT NULL	VARCHAR2(4)	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(4)	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(120)	the type of data source, currently SQL

Indexes

This table does not use any Indexes.

Sequences

This table does not use any Sequences.

KNTA_PORTLET_TYPE_COLUMNS

KNTA_PORTLET_TYPE_COLUMNS 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 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
DESCRIPTION	NULLABLE	VARCHAR2(4000)	The description for the purpose of this column.
DB_COLUMN	NOT NULL	VARCHAR2(4000)	The database column name of this column.
COLUMN_TYPE	NOT NULL	VARCHAR2(120)	Defines type of data fetched in the column (e.g., numeric, string, date, etc.)
PORTLET_TYPE_ID	NOT NULL	NUMBER	The ID of the portlet type to which this column belongs.

Column Name	Null?	Data Type	Description
PROMPT	NOT NULL	VARCHAR2(400)	The displayed prompt for this column.
MAXIMIZED_PROMPT	NOT NULL	VARCHAR2(800)	The displayed prompt for this column in the maximized view.
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(4)	A flag to indicate whether the data in this column should be hyperlinked.
HYPERLINK_TYPE_CODE	NULLABLE	VARCHAR2(120)	Type of the hyperlink.
HYPERLINK_FILTER_COLUMNS	NULLABLE	VARCHAR2(1600)	Currently unused.
HYPERLINK_ENTITY_ID_COLUMN	NULLABLE	VARCHAR2(120)	Identifier used to navigate to the hyperlink.
CUSTOM_HYPERLINK	NULLABLE	VARCHAR2(4000)	Custom Hyperlink defined by user.
MANDATORY_FLAG	NOT NULL	VARCHAR2(4)	A flag to indicate whether this column is required in a portlet of the portlet type.
TRUNCATE_FLAG	NOT NULL	VARCHAR2(4)	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 Name	Null?	Data Type	Description
COLUMN_ALIAS	NOT NULL	VARCHAR2(120)	Unique alias for the column.
TOOL_TIP_FLAG	NOT NULL	VARCHAR2(4)	Defines if the column has tool-tip.
TOOL_TIP_COLUMN	NULLABLE	VARCHAR2(120)	Defines what to display if the column has the tool-tip.
ALLOW_USER_SORT_BY_FLAG	NOT NULL	VARCHAR2(4)	Defines if the end-user can define the sort by in the filter page.
DISPLAYABLE_FLAG	NOT NULL	VARCHAR2(4)	Defines if the column is displayed in the portlet.
DEFAULT_ORDER_BY_FLAG	NOT NULL	VARCHAR2(4)	Defines if this column is the default order by value in the filter page.
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULLABLE	VARCHAR2(400)	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 is a one-to-one table for knta_parameter_set_fields. It has one useful field i.e., where_clause.

Foreign Keys

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

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 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
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(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULLABLE	VARCHAR2(400)	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

Defines security for each portlet. Security type can be user or security groups.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_PORTLET_TYPES	PORTLET_TYPE_ID	PORTLET_TYPE_ID
KNTA_SECURITY_GROUPS	SECURITY_GROUP_ID	SECURITY_GROUP_ID
KNTA_USERS	USER_ID	USER_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

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 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
PORTLET_TYPE_ID	NOT NULL	NUMBER	Identifies the portlet type to which this security belongs
SECURITY_TYPE_CODE	NOT NULL	VARCHAR2(120)	Type of the security i.e., security group or user.

Column Name	Null?	Data Type	Description
SECURITY_GROUP_ID	NULLABLE	NUMBER	If the type is security group, the security group that has access to add this portlet to dashboard.
USER_ID	NULLABLE	NUMBER	If the type is user, the user that has access to add this portlet to dashboard.
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULLABLE	VARCHAR2(400)	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 contains 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 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
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(4000)	endpoint URL for the web service
HTTP_USERNAME	NULLABLE	VARCHAR2(800)	username for the web service
HTTP_PASSWORD	NULLABLE	VARCHAR2(800)	password for the web service

Column Name	Null?	Data Type	Description
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULLABLE	VARCHAR2(400)	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_PREPARED_COMMANDS

This table has 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 KNTA_COMMANDS, 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 that 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 that 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_PREPARED_COMMANDS_S	PREPARED_COMMAND_ID
KNTA_EXEC_GROUP_IDS_S	GROUP_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_PREPARED_COMMANDS	PREPARED_COMMAND_ID	PREPARED_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_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 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

Column Name	Null?	Data Type	Description
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_PRODUCTS

KNTA_PRODUCTS contains information about which products are available in PPMC. 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 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
PRODUCT_NAME	NOT NULL	VARCHAR2(320)	A text name for the product
PRODUCT_KEY	NOT NULL	NUMBER	Constant identifier for this product
TEMP_NUM_LICENSE	NULLABLE	NUMBER	Used for license reporting only, indicates the number of licenses for a specific server at start up

Column Name	Null?	Data Type	Description
TEMP_ EXPIRATION_ DATE	NULLABLE	DATE	Used for license reporting only, indicates the license expiration date for a specific server at start up
PRODUCT_ DESCRIPTION	NULLABLE	VARCHAR2(800)	Description fo the product this row references

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_ PRODUCTS_U1	UNIQUE	1	PRODUCT_ID

Sequences

This table does not use any Sequences.

KNTA_REFERENCES

This table keeps 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_REF_RELATIONSHIPS	REF_RELATIONSHIP_ID	REF_RELATIONSHIP_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_ENTITIES	ENTITY_ID	SOURCE_ENTITY_ID
KNTA_REFERENCES	REFERENCE_ID	REVERSE_REFERENCE_ID
KDLV_PACKAGES	PACKAGE_ID	SOURCE_ID
KCRT_REQUESTS	REQUEST_ID	SOURCE_ID
PM_PROJECTS	PROJECT_ID	SOURCE_ID
KREL_RELEASES	RELEASE_ID	SOURCE_ID
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	PARAMETER_SET_CONTEXT_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 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

Column Name	Null?	Data Type	Description
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
TARGET_TYPE_CODE	NOT NULL	VARCHAR2(120)	Entity ID of the target reference type
REF_RELATIONSHIP_ID	NULLABLE	NUMBER	Relationship ID of this reference
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(4)	Flag that determines whether or not 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(800)	Target entity member id
VISIBLE_PARAMETER1-20	NULLABLE	VARCHAR2(800)	Target reference name
OVERRIDE_CODE	NULLABLE	VARCHAR2(120)	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_ U1	UNIQUE	1	REFERENCE_ID
KNTA_ REFERENCES_ U2	UNIQUE	1	REFERENCE_ID
KNTA_ REFERENCES_ U2	UNIQUE	2	SOURCE_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	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KENV_ENVIRONMENTS	ENVIRONMENT_ID	REFRESHED_ENV_ID
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(320)	User given name for the refresh run
CREATION_DATE	NULLABLE	DATE	Date record was created
CREATED_BY	NULLABLE	NUMBER	Identifier for the user that created the record
LAST_UPDATE_DATE	NULLABLE	DATE	Date record was last updated
LAST_UPDATED_BY	NULLABLE	NUMBER	Identifier for the user that 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

Column Name	Null?	Data Type	Description
FROM_ENV_ID	NULLABLE	NUMBER	Identifier for the Environment from where the refresh was done
STATUS_CODE	NULLABLE	VARCHAR2(120)	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(800)	User data segment
VISIBLE_USER_DATA1-20	NULLABLE	VARCHAR2(800)	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_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
KDLV_PACKAGES	PACKAGE_ID	PACKAGE_ID
KDLV_PACKAGE_LINES	PACKAGE_LINE_ID	PACKAGE_LINE_ID
KWFL_WORKFLOWS	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
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KWFL_WORKFLOW_STEPS	WORKFLOW_STEP_ID	FROM_STEP_ID
KWFL_STEP_TRANSACTIONS	STEP_TRANSACTION_ID	FROM_STEP_TRANSACTION_ID
KWFL_WORKFLOW_STEPS	WORKFLOW_STEP_ID	TO_STEP_ID
KNTA_REFRESH_GROUPS	REFRESH_GROUP_ID	REFRESH_GROUP_ID

Column Descriptions

Column Name	Null?	Data Type	Description
REFRESH_GROUP_ID	NULLABLE	NUMBER	Refresh Group to which this line belongs

Column Name	Null?	Data Type	Description
REFRESH_LINE_ID	NULLABLE	NUMBER	System-generated identifier
CREATION_DATE	NULLABLE	DATE	Date record was created
CREATED_BY	NULLABLE	NUMBER	Identifier for the user that created the record
LAST_UPDATE_DATE	NULLABLE	DATE	Date record was last updated
LAST_UPDATED_BY	NULLABLE	NUMBER	Identifier for the user that last updated the record
SOURCE_CODE	NULLABLE	VARCHAR2(120)	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

Column Name	Null?	Data Type	Description
STATUS_CODE	NULLABLE	VARCHAR2(120)	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
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_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_GROUPS	REFRESH_GROUP_ID	REFRESH_GROUP_ID
KNTA_REFRESH_LINES	REFRESH_LINE_ID	REFRESH_LINE_ID
KNTA_USERS	USER_ID	CREATED_BY
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 that created the record
LAST_UPDATE_DATE	NULLABLE	DATE	Date record was last updated
LAST_UPDATED_BY	NULLABLE	NUMBER	Identifier for the user that last updated the record
DETAIL_TEXT	NULLABLE	VARCHAR2(4000)	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_REF_RELATIONSHIPS

This table contains 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_USERS	USER_ID	LAST_UPDATED_BY
KNTA_REF_RELATIONSHIPS	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 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
RELATIONSHIP_NAME	NOT NULL	VARCHAR2(320)	Relationship for this source-to-target entity type combination
ENTITY_ID	NOT NULL	NUMBER	The entity type of the source entity
TARGET_TYPE_CODE	NOT NULL	VARCHAR2(120)	The entity type of the target entity

Column Name	Null?	Data Type	Description
RELATIONSHIP_DESCRIPTION	NULLABLE	VARCHAR2(960)	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(960)	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(120)	Categorizes the type of relationship between the source entity and target entity (eg, informational)
READ_ONLY_FLAG	NOT NULL	VARCHAR2(4)	Y or N flag to indicate if the relationship could be modified or deleted

Column Name	Null?	Data Type	Description
SHOW_TARGET_TYPE_FLAG	NOT NULL	VARCHAR2(4)	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.

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_REF_RELATIONSHIPS_U1	UNIQUE	1	REF_RELATIONSHIP_ID

Sequences

This table does not use any Sequences.

KNTA_REGIONS

This table stores information about the available regions.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KDRV_CALENDARS	CALENDAR_ID	CALENDAR_ID
KNTA_USERS	USER_ID	CREATED_BY
KCST_CURRENCIES	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 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
REGION_NAME	NOT NULL	VARCHAR2(400)	Name of the region
DESCRIPTION	NULLABLE	VARCHAR2(800)	Description for the region
CALENDAR_ID	NOT NULL	NUMBER	Identifier of the regional calendar used by this region
CURRENCY_ID	NOT NULL	NUMBER	Identifier of the currency used by this region
ENABLED_FLAG	NOT NULL	VARCHAR2(4)	Flag indicating whether this region is enabled

Column Name	Null?	Data Type	Description
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column should not be updated manually

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

Sequences

Sequence Name	Sequence Type
KNTA_REGIONS_S	REGION_ID

KNTA_REPORT_NOTIF_OUTPUT

This table contains 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 does not use any Indexes.

Sequences

This table does not use any Sequences.

KNTA_REPORT_OUTPUT

KNTA_REPORT_OUTPUT is a temporary table used by PPMC 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	The line number of the report line
LINE_TEXT	NULLABLE	VARCHAR2(4000)	The 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

KNTA_REPORT_SUBMISSIONS 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	REPORT_TYPE_ID	REPORT_TYPE_ID
KWFL_WORKFLOWS	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	The report type identifier for this report submission
REPEAT_FLAG	NOT NULL	VARCHAR2(4)	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(120)	Hours, days, weeks, etc. A knta_lookup type.
REPEAT_FREQUENCY	NULLABLE	NUMBER	How often the report needs to run repeatedly

Column Name	Null?	Data Type	Description
STATUS_CODE	NOT NULL	VARCHAR2(120)	The status of the report (running, failed, completed, scheduled)
WORKFLOW_ID	NOT NULL	NUMBER	The workflow identifier for the report submission. This has the same value for all reports
PARAMETER_SET_CONTEXT_ID	NULLABLE	NUMBER	Foreign key to table knta_parameter_set_contexts
PARAMETER1-45	NULLABLE	VARCHAR2(800)	Report submission parameter for internal use
VISIBLE_PARAMETER1-45	NULLABLE	VARCHAR2(800)	Report submission parameter for display purpose
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
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
REPORT_NAME	NULLABLE	VARCHAR2(400)	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

Column Name	Null?	Data Type	Description
SIMPLE_NOTIFICATION_ID	NULLABLE	NUMBER	A reference to the system controlled notification if the user has enabled it on a report

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

KNTA_REPORT_TYPES 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 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
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
REPORT_TYPE_NAME	NOT NULL	VARCHAR2(600)	Name of the report type
DESCRIPTION	NULLABLE	VARCHAR2(1600)	Description of the report type
REQUIRE_LICENSE_CODE	NOT NULL	VARCHAR2(800)	Code for the specific license required to run this report type
ENABLED_FLAG	NOT NULL	VARCHAR2(4)	Determines whether or not the report type may be used for new report submissions

Column Name	Null?	Data Type	Description
REPORT_VIEW_ACCESS_CODE	NOT NULL	VARCHAR2(120)	Link to view access value in Lookups
RESTRICT_NEW_FLAG	NOT NULL	VARCHAR2(4)	Determines whether new report types should be excluded automatically
REPORT_CATEGORY_CODE	NOT NULL	VARCHAR2(800)	A user configurable category that can be multi delimited
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULLABLE	VARCHAR2(400)	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_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

Sequences

Sequence Name	Sequence Type
KNTA_REPORT_ TYPES_S	REPORT_TYPE_ ID

KNTA_RESOLVED_SEC_TOKENS

Used to store workflow dynamic security which is derived by evaluating a token. The data behind 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	CREATED_BY
KNTA_ENTITIES	ENTITY_ID	ENTITY_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_SECURITY_GROUPS	SECURITY_GROUP_ID	SECURITY_GROUP_ID
KNTA_USERS	USER_ID	USER_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 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
ENTITY_PRIMARY_KEY	NOT NULL	NUMBER	The primary id of the entity, for example the REQUEST_ID if the entity_id corresponds to a Request.

Column Name	Null?	Data Type	Description
ENTITY_ID	NOT NULL	NUMBER	The ID of the entity associated with the workflow, for example the Request Entity ID of 20 defined in KNTA_ENTITIES.
SECURITY_TYPE_CODE	NOT NULL	VARCHAR2(320)	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_ID, will store the ID of the User that the token evaluated to.
OBSOLETE_FLAG	NULLABLE	VARCHAR2(12)	Y or N. Determines is the record is obsolete.
TOKEN	NULLABLE	VARCHAR2(320)	The name of the token that was setup for workflow security.

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_RESOLVED_SEC_TOKENS_N1	NONUNIQUE	1	ENTITY_PRIMARY_KEY
KNTA_RESOLVED_SEC_TOKENS_N1	NONUNIQUE	2	ENTITY_ID

Index Name	Index Type	Sequence	Column Name
KNTA_ RESOLVED_ SEC_TOKENS_ N1	NONUNIQUE	3	TOKEN
KNTA_ RESOLVED_ SEC_TOKENS_ N1	NONUNIQUE	4	USER_ID
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_ U1	UNIQUE	1	RESOLVED_ SEC_TOKEN_ID

Sequences

Sequence Name	Sequence Type
KNTA_ RESOLVED_ SEC_TOKENS_S	RESOLVED_ SEC_TOKEN_ID

KNTA_RESULT_COLUMNS

KNTA_RESULT_COLUMNS 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_PARAMETER_SET_FIELDS	PARAMETER_SET_FIELD_ID	PARAMETER_SET_FIELD_ID
KNTA_PORTLETS	PORTLET_ID	PARENT_ID
KCRT_REQUEST_SEARCH_COLUMNS	REQUEST_SEARCH_COLUMN_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 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
PARAMETER_SET_FIELD_ID	NULLABLE	NUMBER	Identifier for the parameter set field associated with this column

Column Name	Null?	Data Type	Description
TOKEN	NOT NULL	VARCHAR2(4000)	The search token name
PROMPT	NULLABLE	VARCHAR2(4000)	The displayed name of the column
SEQ	NOT NULL	NUMBER	Sequence number, used to order the columns
PARENT_TYPE_CODE	NOT NULL	VARCHAR2(160)	Indicates the parent of the column (ie, kcrtr_request_search_columns or knta_portlets)
PARENT_ID	NOT NULL	NUMBER	Identifier for the parent (ie, kcrtr_request_search_column_id or portlet_id)
PIXEL_WIDTH	NULLABLE	NUMBER	Width of the column in pixels
SORT_DATA_TYPE	NOT NULL	VARCHAR2(120)	Indicates how data should be typed during sort operations
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULLABLE	VARCHAR2(400)	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_SEARCHES

All the saved searches are stored in this table.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_ENTITIES	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 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
SAVED_SEARCH_NAME	NOT NULL	VARCHAR2(320)	Name of the saved search.
SEARCH_CATEGORY_ID	NOT NULL	NUMBER	The category this is in
SEQ	NOT NULL	NUMBER	The order of the search in the category
ENTITY_ID	NOT NULL	NUMBER	The id of the entity being searched for.

Column Name	Null?	Data Type	Description
SEARCH_TYPE_ID	NOT NULL	NUMBER	the 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_SAVED_SEARCH_FILTERS

The conditions for the saved searches are stored in this table. This is one row in this table for each search condition.

Foreign Keys

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

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 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
SAVED_SEARCH_ID	NOT NULL	NUMBER	Saved search this filter is for.
FILTER_NAME	NOT NULL	VARCHAR2(160)	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

Index Name	Index Type	Sequence	Column Name
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

There is one record for each saved search type supported by PPMC. This table contains 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	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 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
ENTITY_ID	NOT NULL	NUMBER	The id of the entity being searched for.
SEARCH_JSP	NOT NULL	VARCHAR2(800)	The url for the search page jsp
RESULT_JSP	NOT NULL	VARCHAR2(800)	The url for the result page jsp
SEARCH_TYPE_NAME	NULLABLE	VARCHAR2(320)	The 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 does not use any Sequences.

KNTA_SCHEDULED_TASKS

KNTA_SCHEDULED_TASKS 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_REPORT_SUBMISSIONS	REPORT_SUBMISSION_ID	TASK_DATA_ID
KNTA_SCHEDULED_TASK_RECUR	SCHEDULED_TASK_RECUR_ID	SCHEDULED_TASK_RECUR_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
SCHEDULED_TASK_ID	NOT NULL	NUMBER	System-generated identifier
WORKER_CLASS	NOT NULL	VARCHAR2(400)	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, e.g. knta_report_submissions.
GROUP_ID	NULLABLE	NUMBER	Used to group tasks together for serial execution.

Column Name	Null?	Data Type	Description
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 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
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_SCHEDULED_TASK_RECUR

Stores the recurrence information of a repetitive scheduled task.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_SCHEDULED_TASKS	SCHEDULED_TASK_ID	SCHEDULED_TASK_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_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	The beginning date of the recurrence
REPEAT_UNTIL_DATE	NOT NULL	DATE	The end date of the recurrence
RECURRENCE_PATTERN_CODE	NOT NULL	VARCHAR2(120)	Minutely, hourly, daily, weekdays, weekly or monthly
REPEAT_FREQUENCY	NOT NULL	NUMBER	Interval between two schedules: number of hours, weeks, etc.
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

Column Name	Null?	Data Type	Description
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_SCREEN

The KNTA_SCREEN table stores a reference list of the screens in the PPMC 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 should 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	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 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
SCREEN_NAME	NOT NULL	VARCHAR2(320)	The name of the user interface screen
DESCRIPTION	NULLABLE	VARCHAR2(960)	Description for the screen
PRODUCT_ID	NULLABLE	NUMBER	The product of which this screen is part; shared screens have no product reference

Column Name	Null?	Data Type	Description
ENABLED_FLAG	NOT NULL	VARCHAR2(4)	Determines whether this screen is currently an active part of the user interface

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_SCREEN_S_U1	UNIQUE	1	SCREEN_ID
KNTA_SCREEN_S_U2	UNIQUE	1	SCREEN_NAME

Sequences

This table does not use any Sequences.

KNTA_SEARCH_CATEGORIES

KNTA_SEARCH_CATEGORIES 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	USER_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

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 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
SEARCH_CATEGORY_NAME	NOT NULL	VARCHAR2(320)	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(4)	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_SECTIONS

This table contains 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 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
SECTION_NAME	NOT NULL	VARCHAR2(320)	The name of the section
SOURCE	NULLABLE	VARCHAR2(400)	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(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_SECTIONS_U1	UNIQUE	1	SECTION_ID

Sequences

Sequence Name	Sequence Type
KNTA_SECTIONS_S	SECTION_ID

KNTA_SECTION_LAYOUTS

This table stores information for section layouts.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_ENTITIES	ENTITY_ID	ENTITY_ID
KNTA_SECTIONS	SECTION_ID	SECTION_ID
KNTA_ENTITIES	PRIMARY_KEY	ENTITY_ PRIMARY_KEY

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(120)	Section type identifier
ENTITY_ID	NULLABLE	NUMBER	Entity type identifier
ENTITY_PRIMARY_KEY	NULLABLE	NUMBER	Entity instance identifier
SOURCE	NULLABLE	VARCHAR2(400)	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(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
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_SECURITY_GROUPS

KNTA_SECURITY_GROUPS stores the definitions for each of the security groups defined in PPMC.

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	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 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
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
SECURITY_GROUP_NAME	NULLABLE	VARCHAR2(800)	The name of the security group
DESCRIPTION	NULLABLE	VARCHAR2(960)	The description of the security group

Column Name	Null?	Data Type	Description
RESTRICT_WF_FLAG	NULLABLE	VARCHAR2(4)	Determines whether or not any new Workflows created at a later date are excluded from this security group
RESTRICT_APPCODE_FLAG	NULLABLE	VARCHAR2(4)	Determines whether or not any new AppCodes created at a later date are excluded from this security group
ENABLED_FLAG	NOT NULL	VARCHAR2(4)	Determines whether the users and/or workflows may participate in this security group
USED_BY_PACKAGES_FLAG	NULLABLE	VARCHAR2(4)	Determines whether or not members of this Security Group can be assigned to Packages
USED_BY_PROJECTS_FLAG	NULLABLE	VARCHAR2(4)	Determines whether or not members of this Security Group can be used as resources in a Project
USED_BY_REQUESTS_FLAG	NULLABLE	VARCHAR2(4)	Determines whether or not members of this Security Group can create and be assigned to Requests

Column Name	Null?	Data Type	Description
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULLABLE	VARCHAR2(400)	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(800)	User data segment
VISIBLE_USER_DATA1-20	NULLABLE	VARCHAR2(800)	User data segment
ORG_UNIT_ID	NULLABLE	NUMBER	Identifier for the org unit whose members comprise this security group
CASCADING_FLAG	NOT NULL	VARCHAR2(4)	Indicates whether members of descendant org units are included in this security group
USED_BY_TIME_SHEETS_FLAG	NULLABLE	VARCHAR2(4)	Indicates whether the security group can be used by time sheets

Column Name	Null?	Data Type	Description
RESTRICT_ CHARGE_ CODES_FLAG	NOT NULL	VARCHAR2(4)	Restricts charge codes available to members of this security group in Time Management. If the flag is checked, users will see only the charge codes that are satisfied by the charge code rules

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

Sequences

Sequence Name	Sequence Type
KNTA_ SECURITY_ GROUPS_S	SECURITY_ GROUP_ID

KNTA_SERVER_PARAMETERS

This table is similar to KNTA_SERVER_PARAMETER_DEFAULTS, but stores parameters that the user cannot modify in the server.conf.

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(400)	Name of the parameter
VALUE	NULLABLE	VARCHAR2(2000)	Value of the parameter
DESCRIPTION	NULLABLE	VARCHAR2(4000)	Description of the parameter

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

Sequences

Sequence Name	Sequence Type
KNTA_SERVER_PARAMETERS_S	SERVER_PARAMETER_ID

KNTA_SERVER_PARAMETER_DEFAULTS

This table stores server parameters and their default values.

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	System-generated identifier
PARAMETER_NAME	NOT NULL	VARCHAR2(400)	Name of the server parameter
DEFAULT_VALUE	NULLABLE	VARCHAR2(2000)	Default value of the server parameter
DESCRIPTION	NULLABLE	VARCHAR2(4000)	Short description of what the server parameter is/does

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

Sequences

This table does not use any Sequences.

KNTA_SERVER_RESTARTS

Simple table that gets a new record every time a server is started. Used to group records in KNTA_INTERRUPTED_EXECUTIONS 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 the java class names used to watch the progress of Object Migrator and Mainframe executions.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KACC_ACCELERATORS	ACCELERATOR_ID	ACCELERATOR_ID

Column Descriptions

Column Name	Null?	Data Type	Description
SERVICE_ID	NOT NULL	NUMBER	System-generated identifier
ACCELERATOR_ID	NULLABLE	NUMBER	Identifier to reference an accelerator
JAVA_CLASS	NOT NULL	VARCHAR2(400)	Name of the Java class that implements an execution service
SERVICE_ENABLED_PARAMETER	NULLABLE	VARCHAR2(800)	Flag to indicate whether the service should be run
USE_SERVICE_CONTROLLER	NOT NULL	VARCHAR2(20)	Flag to indicate whether the Service Controller should run the Java class of this service or if it should run as its own thread
SERVICE_NAME	NOT NULL	VARCHAR2(800)	Name of the service corresponding to the Java class

Column Name	Null?	Data Type	Description
RUN_IN_SEPARATE_THREAD	NOT NULL	VARCHAR2(4)	Flag to indicate whether the service should be run in a separate thread. Only used when USE_SERVICE_CONTROLLER is true.
LAST_RUN_DATE	NULLABLE	DATE	Timestamp of the most recent time that the service was run.

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_SERVICES_U1	UNIQUE	1	SERVICE_ID

Sequences

This table does not use any Sequences.

KNTA_SHARED_LOCKS

Used to manage locking relationships among complex entities.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_ENTITIES	ENTITY_ID	ENTITY_ID
KNTA_USERS	USER_ID	LAST_UPDATED_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 that last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
ENTITY_ID	NOT NULL	NUMBER	The entity identifier for the entity that is locked
ENTITY_PRIMARY_KEY	NOT NULL	NUMBER	The column for the entity id, for example REQUEST_TYPE_ID if the entity is a Request Type
KINTANA_SERVER_NAME	NOT NULL	VARCHAR2(120)	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 does not use any Sequences.

KNTA_SPECIAL_CMD_PARAMS

KNTA_SPECIAL_CMD_PARAMS 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 that 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 that last updated the record
SEQ	NOT NULL	NUMBER	The sequence number of this parameter (starting with 1)
PARAMETER_NAME	NOT NULL	VARCHAR2(160)	The name of the parameter
PARAMETER_TOKEN	NOT NULL	VARCHAR2(480)	The default token to use for this value if no parameter is specified when the special command is invoked
DESCRIPTION	NULLABLE	VARCHAR2(600)	Details of the parameter

Column Name	Null?	Data Type	Description
ENABLED_FLAG	NOT NULL	VARCHAR2(4)	Whether this parameter is to be used ('Y' or 'N')
SPECIAL_COMMAND_TYPE_ID	NULLABLE	NUMBER	Foreign key reference to the special command types table
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULLABLE	VARCHAR2(400)	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

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 PPMC special commands. Special commands starting with sc_ are customer defined. Examples would be ksc_copy_server_server, ksc_connect_dest_server, and sc_custom_name. There is an entry for each special command in this table.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_ENTITIES	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 that created the record
CREATION_DATE	NOT NULL	DATE	Date the 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 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(320)	Name of the special command.
DESCRIPTION	NULLABLE	VARCHAR2(960)	Details
ENTITY_ID	NOT NULL	NUMBER	The entity identifier for the special command

Column Name	Null?	Data Type	Description
ENABLED_FLAG	NULLABLE	VARCHAR2(4)	Indicates whether the special command will be shown in the special command builder
EXPAND_FLAG	NULLABLE	VARCHAR2(4)	'Y' indicates commands are expanded in the database (with params) as well as the java code. New custom commands should be set to 'Y'
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULLABLE	VARCHAR2(400)	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

The KNTA_STORED_QUERIES 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	USER_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

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 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
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
QUERY_NAME	NOT NULL	VARCHAR2(200)	The name of the stored query
USER_ID	NOT NULL	NUMBER	Indicates the user who can load and execute this stored query

Column Name	Null?	Data Type	Description
WORKBENCH_CODE	NOT NULL	NUMBER	Indicates the workbench within which this stored query can be loaded and executed
QUERY_PARAMETER1-50	NULLABLE	VARCHAR2(1600)	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

The KNTA_STORED_QUERY_DETAILS 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_PARAMETER_SETS	PARAMETER_SET_ID	PARAMETER_SET_ID
KNTA_STORED_QUERIES	QUERY_ID	QUERY_ID
KNTA_VALIDATIONS	VALIDATION_ID	VALIDATION_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_PARAMETER_SET_FIELDS	PARAMETER_SET_FIELD_ID	MAX_PARAMETER_SET_FIELD_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 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
QUERY_ID	NOT NULL	NUMBER	Identifier for the parent query.

Column Name	Null?	Data Type	Description
MAX_PARAMETER_SET_FIELD_ID	NOT NULL	NUMBER	Identifier for the knta_parameter_set_fields that this record will query.
PROMPT	NOT NULL	VARCHAR2(320)	The field prompt that the users see in the specific form.
VALIDATION_ID	NOT NULL	NUMBER	Identifier for the validation that validates this field.
TOKEN	NOT NULL	VARCHAR2(160)	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(120)	Lookup code for the lookup type IS_QUERY_CONDITIONS.
VISIBLE_VALUE	NULLABLE	VARCHAR2(4000)	This field represents the value that the user sees. For a workflow field they'll see the workflow name
HIDDEN_VALUE	NULLABLE	VARCHAR2(4000)	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(4)	Indicates that this field is a multi list autocomplete field.

Column Name	Null?	Data Type	Description
ENABLED_FLAG	NOT NULL	VARCHAR2(4)	Indicates that the current record is included in the construction of an advance query.
CONVERTED_COMPONENT_TYPE_CODE	NOT NULL	VARCHAR2(120)	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_USERS

KNTA_USERS 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	ACCELERATOR_ID	DEFAULT_ACCELERATOR_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_REGIONS	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 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
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
USERNAME	NOT NULL	VARCHAR2(800)	The username that will be used to log on

Column Name	Null?	Data Type	Description
PASSWORD	NULLABLE	VARCHAR2(800)	(ENCRYPTED) The password for the user
PASSWORD_EXPIRATION_DAYS	NULLABLE	NUMBER	Number of days in which current password expires
PASSWORD_EXPIRATION_DATE	NULLABLE	DATE	The effective date when the password for user id will expire
EMAIL_ADDRESS	NULLABLE	VARCHAR2(320)	The E-Mail address of the user
FIRST_NAME	NOT NULL	VARCHAR2(120)	The user's first name
LAST_NAME	NOT NULL	VARCHAR2(120)	The user's last name
START_DATE	NULLABLE	DATE	The start date for the user
END_DATE	NULLABLE	DATE	The 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(800)	User data segment
VISIBLE_USER_DATA1-20	NULLABLE	VARCHAR2(800)	User data segment
AUTHENTICATION_MODE	NULLABLE	VARCHAR2(120)	The authentication mode (ITG or LDAP) for the user
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)

Column Name	Null?	Data Type	Description
SOURCE	NULLABLE	VARCHAR2(400)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update
COMPANY	NULLABLE	VARCHAR2(120)	This is used to associate a user with a company
LOGON_IDENTIFIER	NOT NULL	VARCHAR2(800)	The logon ID of the user. Used when the system is started in LOGON_ID mode.
DOMAIN	NULLABLE	VARCHAR2(320)	WINDOWS domain to use when logging in. Used for NTLM Authentication Mode.
PHONE_NUMBER	NULLABLE	VARCHAR2(120)	This is used to associate a user with a phone number
DEPARTMENT_CODE	NULLABLE	VARCHAR2(160)	This is used to associate a user with a department by means of a unique department identifier
LOCATION_CODE	NULLABLE	VARCHAR2(120)	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

Column Name	Null?	Data Type	Description
RESOURCE_CATEGORY_CODE	NULLABLE	VARCHAR2(120)	This is used to associate a user with a resource category by means of a unique resource category identifier
RESOURCE_TITLE_CODE	NULLABLE	VARCHAR2(120)	This is used to associate a user with a department by means of a unique department identifier
FULL_NAME	NULLABLE	VARCHAR2(320)	The 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(4)	This is Y if the user has a specific region directly set to override inheritance
RESOURCE_FLAG	NULLABLE	VARCHAR2(4)	This is Y if the user is also a resource.

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_USERS_FI1	NONUNIQUE	1	SYS_NC00075\$
KNTA_USERS_FI2	NONUNIQUE	1	SYS_NC00076\$
KNTA_USERS_FI3	NONUNIQUE	1	SYS_NC00077\$
KNTA_USERS_FI4	NONUNIQUE	1	SYS_NC00078\$

Index Name	Index Type	Sequence	Column Name
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

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	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_SCREENINGS	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.

Column Name	Null?	Data Type	Description
EXISTS_FLAG	NULLABLE	VARCHAR2(4)	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.
CREATED_BY	NULLABLE	NUMBER	Identifier for the user that created the record. The value should initially be set to 1.
CREATED_BY_USERNAME	NULLABLE	VARCHAR2(800)	User that created the record in the source
CREATION_DATE	NULLABLE	DATE	Date record was created
DEST_CREATED_BY	NULLABLE	NUMBER	The USER_ID from the KNTA_USERS table for the user that 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	The date that the transaction is performed.
DEST_LAST_UPDATED_BY	NULLABLE	NUMBER	Identifier for the user that last updated the record.
DEST_LAST_UPDATE_DATE	NULLABLE	DATE	The date that the transaction is performed.

Column Name	Null?	Data Type	Description
DEST_ENTITY_UPD_DATE	NULLABLE	DATE	The 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(800)	Name of the user in the source.
DEST_USERNAME	NULLABLE	VARCHAR2(800)	The username that will be used to Logon
PASSWORD	NULLABLE	VARCHAR2(800)	The password for the user (will be defaulted from the report)
PASSWORD_EXPIRATION_DAYS	NULLABLE	NUMBER	Number of days in which current password expires
PASSWORD_EXPIRATION_DATE	NULLABLE	DATE	The effective date when the password for user id will expire
EMAIL_ADDRESS	NULLABLE	VARCHAR2(320)	The E-Mail address of the user
FIRST_NAME	NULLABLE	VARCHAR2(120)	The user's first name
LAST_NAME	NULLABLE	VARCHAR2(120)	The user's last name
START_DATE	NULLABLE	DATE	The start date for the user
END_DATE	NULLABLE	DATE	The end date for the user

Column Name	Null?	Data Type	Description
DEFAULT_ ACCELERATOR_ ID	NULLABLE	NUMBER	Default accelerator ID of the user
SOURCE_TYPE_ CODE	NULLABLE	VARCHAR2(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULLABLE	VARCHAR2(400)	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(800)	User data segment
VISIBLE_USER_ DATA1-20	NULLABLE	VARCHAR2(800)	User data segment
AUTHENTICATIO N_MODE	NULLABLE	VARCHAR2(120)	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
SCREEN_ID	NULLABLE	NUMBER	Optional. Will be given a default value. Determines which screen is shown when the user logs on first

Column Name	Null?	Data Type	Description
SHORTCUT_ BAR_FLAG	NULLABLE	VARCHAR2(4)	Optional. Will be given a default value. Determines whether or not the shortcut bar is shown in the screen manager
SHORTCUT_ BAR_LOC_CODE	NULLABLE	VARCHAR2(16)	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(4)	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

Column Name	Null?	Data Type	Description
WINDOW_Y_LOCATION	NULLABLE	NUMBER	Optional. Will be given a default value. Determines the vertical position of the screen manager window
REUSE_INTERNAL_FRAME_FLAG	NULLABLE	VARCHAR2(4)	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(4)	Optional. Will be given a default value. Determines whether all workflow steps are shown within workflow status panels
SHOW_TRAVERSED_STEPS_FLAG	NULLABLE	VARCHAR2(4)	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

Column Name	Null?	Data Type	Description
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(4)	Optional. Will be given a default value. Determines whether or not workflow steps based upon immediate executions and conditions are shown within workflow status panels
SHOW_CHANGE_WARNINGS_FLAG	NULLABLE	VARCHAR2(4)	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(4)	Optional. Will be given a default value. Determines whether cancelled package lines are displayed in the Packages screen.
DEFAULT_BROWSER	NULLABLE	VARCHAR2(1200)	Default browser associated with the user

Column Name	Null?	Data Type	Description
DEST_USER_PROFILE_ID	NULLABLE	NUMBER	Should be left blank. Will be derived from KNTA_USER_PROFILES_S
COMPANY	NULLABLE	VARCHAR2(120)	This is used to associate a user with a company
LOGON_IDENTIFIER	NULLABLE	VARCHAR2(800)	The logon ID of the user. Used when the server is started in LOGON_ID mode.
DOMAIN	NULLABLE	VARCHAR2(320)	WINDOWS domain to use when logging in. Used for NTLM Authentication Mode.
PHONE_NUMBER	NULLABLE	VARCHAR2(120)	Contact number for the User.
COST_RATE	NULLABLE	NUMBER	The dollar amount that this User costs the company per hour.
WORKLOAD_CAPACITY	NULLABLE	NUMBER	The % of the workday the Resource can be scheduled for work within the system.
MAX_ROWS_PORTLETS	NULLABLE	NUMBER	The default number or rows that this user should see in a Portlet.
DEPARTMENT_CODE	NULLABLE	VARCHAR2(120)	Lookup code for 'DEPT'
DEPARTMENT_MEANING	NULLABLE	VARCHAR2(320)	Lookup meaning for 'DEPT'
LOCATION_CODE	NULLABLE	VARCHAR2(120)	Lookup code for 'RSC - Location'
LOCATION_MEANING	NULLABLE	VARCHAR2(320)	Lookup meaning for 'RSC - Location'

Column Name	Null?	Data Type	Description
MANAGER_USER_ID	NULLABLE	NUMBER	Id of User who manages this User.
MANAGER_USERNAME	NULLABLE	VARCHAR2(800)	Username corresponding to the manager.
MANAGER_LOGON_IDENTIFIER	NULLABLE	VARCHAR2(800)	Logon Identifier (as defined in the KNTA_USERS table) corresponding to the manager.
RESOURCE_CATEGORY_CODE	NULLABLE	VARCHAR2(120)	Lookup code for 'RSC - Resource Category'
RESOURCE_CATEGORY_MEANING	NULLABLE	VARCHAR2(320)	Lookup meaning for 'RSC - Resource Category'
RESOURCE_TITLE_CODE	NULLABLE	VARCHAR2(120)	Lookup code for 'RSC - Resource Title'
RESOURCE_TITLE_MEANING	NULLABLE	VARCHAR2(320)	Lookup code for 'RSC - Resource Category'
PRODUCT_ID_LIST	NULLABLE	VARCHAR2(800)	List of products (licenses) to associate this user with.

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

Index Name	Index Type	Sequence	Column Name
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_NC00108\$
KNTA_USERS_ INT_N5	NONUNIQUE	2	GROUP_ID
KNTA_USERS_ INT_N6	NONUNIQUE	1	GROUP_ID
KNTA_USERS_ INT_U1	NONUNIQUE	1	TRANSACTION_ ID

Sequences

This table does not use any 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(1200)	Actual menu state data

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_USER_MENU_STATES_N1	NONUNIQUE	1	USER_ID

Sequences

This table does not use any Sequences.

KNTA_USER_PAGE_TABS

This table defines what user or role a tab and a page belongs.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_PAGES	PAGE_ID	PAGE_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
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 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
PARENT_TYPE_CODE	NOT NULL	VARCHAR2(160)	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.

Column Name	Null?	Data Type	Description
PAGE_ID	NOT NULL	NUMBER	This is the page on the dashboard. Currently only two are supported, home and project detail.
TAB_SEQ	NOT NULL	NUMBER	The sequence of the tab on the home page.
TAB_NAME	NOT NULL	VARCHAR2(320)	Name of the tab.
DESCRIPTION	NULLABLE	VARCHAR2(960)	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(4)	Was the user's dashboard 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

KNTA_USER_PRODUCTS contains information about which users are linked to which products.

Foreign Keys

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

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 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
USER_ID	NOT NULL	NUMBER	Identifier for the user that is linked to the product
PRODUCT_ID	NOT NULL	NUMBER	Identifier for the product that the user is linked to

Column Name	Null?	Data Type	Description
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULLABLE	VARCHAR2(400)	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

The KNTA_USER_PROFILES table stores profile settings for each user. These profile settings modify the behavior of user interface elements (e.g. 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_SCREEN	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 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
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

Column Name	Null?	Data Type	Description
SHORTCUT_ BAR_FLAG	NOT NULL	VARCHAR2(4)	Determines whether or not the shortcut bar is shown in the screen manager
SHORTCUT_ BAR_LOC_CODE	NOT NULL	VARCHAR2(16)	Determines the position within the screen manager where the shortcut bar is displayed
SAVE_WINDOW_ BOUNDS_FLAG	NOT NULL	VARCHAR2(4)	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(4)	Determines whether multiple internal frames can be opened within each screen

Column Name	Null?	Data Type	Description
SHOW_ALL_WORKFLOW_STEPS_FLAG	NOT NULL	VARCHAR2(4)	Determines whether all workflow steps are shown within workflow status panels
SHOW_TRAVERSED_STEPS_FLAG	NOT NULL	VARCHAR2(4)	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(4)	Determines whether or not workflow steps based upon immediate executions and conditions are shown within workflow status panels
SHOW_CHANGE_WARNINGS_FLAG	NOT NULL	VARCHAR2(4)	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	NOT NULL	VARCHAR2(4)	Determines whether cancelled package lines are displayed in the Packages screen.

Column Name	Null?	Data Type	Description
DEFAULT_BROWSER	NULLABLE	VARCHAR2(1200)	Field to store file and path of default browser. May also contain special command line parameters for browser.
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULLABLE	VARCHAR2(400)	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(160)	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

The KNTA_USER_REGIONAL_SETTINGS 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 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
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(4)	Determines whether the user has his default settings checked.

Column Name	Null?	Data Type	Description
SHORT_DATE_FORMAT_CODE	NULLABLE	VARCHAR2(200)	Determines the user's short date pattern preference.
MEDIUM_DATE_FORMAT_CODE	NULLABLE	VARCHAR2(200)	Determines the user's medium date pattern preference.
LONG_DATE_FORMAT_CODE	NULLABLE	VARCHAR2(200)	Determines the user's long date pattern preference.
DATE_SEPARATOR_CODE	NULLABLE	VARCHAR2(40)	Determines the user's date separator preference.
HOUR_STYLE_FORMAT_CODE	NULLABLE	VARCHAR2(200)	Determines the user's hour style preference.
AM_SYMBOL	NULLABLE	VARCHAR2(40)	Determines the user's am symbol preference.
PM_SYMBOL	NULLABLE	VARCHAR2(40)	Determines the user's pm symbol preference.
TIME_SEPARATOR	NULLABLE	VARCHAR2(40)	Determines the user's time separator preference.
DECIMAL_SYMBOL	NULLABLE	VARCHAR2(40)	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(40)	Determines the user's Digit Group Symbol.
PERCENTAGE_SYMBOL	NULLABLE	VARCHAR2(40)	Determines the user's Percent Symbol.

Column Name	Null?	Data Type	Description
LANGUAGE_FORMAT_CODE	NULLABLE	VARCHAR2(40)	Determines the user's ISO language code used to format dates/time and numbers.
REGION_FORMAT_CODE	NULLABLE	VARCHAR2(40)	Determines the user's ISO Region code used to format dates/time and numbers.
LANGUAGE_CODE	NULLABLE	VARCHAR2(40)	Indicates the user's ISO Language code that is used as the language of display.
REGION_CODE	NULLABLE	VARCHAR2(40)	Indicates the user's ISO Region code that determines the Region of the user which is used to determine the users locale.

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	LAST_UPDATED_BY
KNTA_USERS	USER_ID	USER_ID

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	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
USER_ID	NOT NULL	NUMBER	The user who the entry is for
PAGE_NAME	NOT NULL	VARCHAR2(120)	The name of the page the state refers to
PARENT_PRIMARY_KEY	NULLABLE	NUMBER	the primary key of the parent of the section
SECTION_NAME	NOT NULL	VARCHAR2(800)	the name of the section
EXPANDED_FLAG	NOT NULL	VARCHAR2(4)	Y or N, is the section expanded?

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

KNTA_USER_SECURITY contains information about which security groups are linked with which users.

Foreign Keys

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

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 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
SECURITY_GROUP_ID	NOT NULL	NUMBER	Identifier of the security group the user is linked to
USER_ID	NOT NULL	NUMBER	Identifier of the user that is linked to the security group

Column Name	Null?	Data Type	Description
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULLABLE	VARCHAR2(400)	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_U2	UNIQUE	1	USER_ID
KNTA_USER_SECURITY_U2	UNIQUE	2	SECURITY_GROUP_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 contains user security history

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	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 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
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(800)	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(120)	Indicates the source type code for this record
SOURCE	NULLABLE	VARCHAR2(400)	Indicates the source for this record
EVENT_CODE	NOT NULL	VARCHAR2(80)	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	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	The transaction id of the parent table being imported.
PARENT_TABLE_NAME	NULLABLE	VARCHAR2(120)	Which table was this entity imported with

Column Name	Null?	Data Type	Description
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(4)	Used to indicate if the security group exists for the user
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 that created the record in the source
CREATED_BY_USERNAME	NULLABLE	VARCHAR2(800)	The USERNAME from the KNTA_USERS table for the user that 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 that created the record in the destination
DEST_CREATION_DATE	NULLABLE	DATE	The date the record is created in the destination.

Column Name	Null?	Data Type	Description
DEST_LAST_UPDATED_BY	NULLABLE	NUMBER	The USER_ID from the KNTA_USERS table for the user that is performing the transaction. If null, the column is derived from LAST_UPDATED_USERNAME.
DEST_LAST_UPDATE_DATE	NULLABLE	DATE	The date that the transaction is performed.
DEST_ENTITY_UPD_DATE	NULLABLE	DATE	The date that the transaction is performed.
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.

Column Name	Null?	Data Type	Description
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(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULLABLE	VARCHAR2(400)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.
LOGON_IDENTIFIER	NULLABLE	VARCHAR2(800)	The logon ID of the user. Used when the server is started in LOGON_ID mode.

Column Name	Null?	Data Type	Description
USERNAME	NULLABLE	VARCHAR2(800)	The 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(800)	The 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(120)	Import Action for a user security. The values can be 'ADD', 'DROP', 'ADD/DROP', and 'OVERWRITE'.

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 does not use any Sequences.

KNTA_USER_SESSIONS

The KNTA_USER_SESSIONS table stores information about user sessions on the server. This table is used when the WEB_SESSION_TRACKING parameter is 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, etc.

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 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
RESOURCE_NAME	NOT NULL	VARCHAR2(800)	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(4000)	Determines if there were any errors in rendering a resource.

Column Name	Null?	Data Type	Description
APP_SERVER	NULLABLE	VARCHAR2(320)	Indicates the Server Name.
BROWSER	NULLABLE	VARCHAR2(320)	Indicated 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_VALIDATIONS

KNTA_VALIDATIONS 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
KENV_ENVIRONMENTS	ENVIRONMENT_ID	ALT_ENV_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
VALIDATION_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.
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated.
VALIDATION_NAME	NOT NULL	VARCHAR2(600)	User primary key. The name of the validation.
DESCRIPTION	NULLABLE	VARCHAR2(1600)	Details about the validation.

Column Name	Null?	Data Type	Description
COMPONENT_ TYPE_CODE	NOT NULL	VARCHAR2(120)	Type of component. Examples include drop down lists, autocompletes, text fields, yes/no boxes, etc.
VALIDATION_ TYPE_CODE	NULLABLE	VARCHAR2(120)	For autocomplete and drop down lists, the method used to determine the values in the list; this can be a SQL statement or a list of static values.
MAX_LENGTH	NULLABLE	NUMBER	Maximum number of characters allowed in the validation component. Useful for text fields and autocompletes.
DATA_MASK_ CODE	NOT NULL	VARCHAR2(120)	The type of text allowed in the component. Options include ALPHA or NUMERIC.
DATA_ DELIMITER	NULLABLE	VARCHAR2(120)	For command-based validations, this is the delimiter used to separate columns of data returned by the execution engine.
DECIMAL_ PLACES	NULLABLE	NUMBER	The number of decimal places for a floating point validation.
DATE_FORMAT	NULLABLE	VARCHAR2(120)	If using a date component, specifies the format of the date displayed in the text field.

Column Name	Null?	Data Type	Description
TIME_FORMAT	NULLABLE	VARCHAR2(120)	If displaying time in a date component, specifies the format of the time displayed in the text field.
LOOKUP_TYPE	NULLABLE	VARCHAR2(320)	If the component is validated by lookup (used in drop down lists), the lookup type used. Usually will be the same as the validation name.
VALIDATION_SQL	NULLABLE	VARCHAR2(4000)	The SQL statement for SQL-validated lists.
BASE_FILE_NAME_FLAG	NOT NULL	VARCHAR2(4)	Used by the file chooser component. Specifies whether the file chooser should chop the file extension from the chosen file. Useful to force the user to use a certain file type. ('Y' or 'N').
ENV_BEHAVIOR_CODE	NULLABLE	VARCHAR2(120)	The code used to determine the environment overriding behavior for the given validation.
ALT_ENV_ID	NULLABLE	NUMBER	The ID of the overriding environment when static overriding is used.
ALT_ENV_TOKEN	NULLABLE	VARCHAR2(800)	The token of the overriding environment when token-based overriding is used.

Column Name	Null?	Data Type	Description
ALT_SVR_PATH	NULLABLE	VARCHAR2(800)	The overriding server basepath.
ALT_CLI_PATH	NULLABLE	VARCHAR2(800)	The overriding client basepath.
ORIGINAL_USE_IN_WORKFLOW_FLAG	NULLABLE	VARCHAR2(4)	The original value of the USE_IN_WORKFLOW column that was seeded upon product install.
USE_IN_WORKFLOW_FLAG	NOT NULL	VARCHAR2(4)	Specifies if the validation is an available validation when adding new workflow steps. 'Y' or 'N'.
ENABLED_FLAG	NOT NULL	VARCHAR2(4)	Indicates whether the validation can be used.
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.).
SOURCE	NULLABLE	VARCHAR2(400)	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(800)	User data segment.
VISIBLE_USER_DATA1-20	NULLABLE	VARCHAR2(800)	User data segment.

Column Name	Null?	Data Type	Description
USER_INSTRUCTIONS	NULLABLE	VARCHAR2(4000)	Helpful instructions for what goes in the validated field
USE_BIND_VARIABLES_FLAG	NOT NULL	VARCHAR2(4)	should the SQL expect to use bind variables
PARAMETER1-20	NULLABLE	VARCHAR2(800)	Validation parameter field
VISIBLE_PARAMETER1-20	NULLABLE	VARCHAR2(800)	Validation parameter field

Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_VALIDATIONS_U1	UNIQUE	1	VALIDATION_ID
KNTA_VALIDATIONS_U2	UNIQUE	1	VALIDATION_NAME

Sequences

Sequence Name	Sequence Type
KNTA_VALIDATIONS_S	VALIDATION_ID

KNTA_VALIDATION_FILTERS

This table contains the definition of the filter fields associated with validations.

Foreign Keys

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

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 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
PARAMETER_SET_FIELD_ID	NOT NULL	NUMBER	Identifier for the field's definition
WHERE_CLAUSE	NOT NULL	VARCHAR2(4000)	The clause to be appended to the query when a value is specified for this filter field

Column Name	Null?	Data Type	Description
SEQUENCE	NOT NULL	NUMBER	Indicates the order in which filters for a validation are to be applied
FILTER_TYPE_CODE	NOT NULL	VARCHAR2(120)	Specifies the type of this filter
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.).
SOURCE	NULLABLE	VARCHAR2(400)	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

KNTA_VALIDATION_PROFILES 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_VALIDATIONS	VALIDATION_ID	ALL_VALIDATION_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_VALIDATIONS	VALIDATION_ID	ORIGINAL_VALIDATION_ID
KNTA_SCREEN	SCREEN_ID	SCREEN_ID
KNTA_VALIDATIONS	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 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.
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated.

Column Name	Null?	Data Type	Description
SCREEN_ID	NOT NULL	NUMBER	Each record in this table maps to a component (by id). This column represents the screen that component is on. Foreign key to KNTA_SCREEN.
COMPONENT_NAME	NOT NULL	VARCHAR2(320)	The name of the component.
COMPONENT_PROMPT	NULLABLE	VARCHAR2(320)	The prompt string for the component.
ORIGINAL_COMPONENT_PROMPT	NULLABLE	VARCHAR2(320)	The original value of the column COMPONENT_PROMPT that was seeded on product install.
COMPONENT_TABLE_NAME	NOT NULL	VARCHAR2(120)	The table in which the data from the component is saved.
COMPONENT_COLUMN_NAME	NOT NULL	VARCHAR2(120)	The column in which the data from the component is saved.
COMPONENT_DATATYPE	NULLABLE	VARCHAR2(120)	The type of the column in which the data from the component is saved.
VALIDATION_ID	NOT NULL	NUMBER	The id of the validation used to fill the component (foreign key to knta_validations).
ORIGINAL_VALIDATION_ID	NOT NULL	NUMBER	If any changes were made to the profile, this is the validation_id before the change.
DESCRIPTION	NULLABLE	VARCHAR2(800)	Description for the validation profile.

Column Name	Null?	Data Type	Description
AUDIT_ELIGIBLE_FLAG	NOT NULL	VARCHAR2(4)	Indicates whether you can set up auditing on the field. This is only used for fields in the Request screen.
TRANS_HISTORY_FLAG	NOT NULL	VARCHAR2(4)	'Y' if transaction history saved when the value in the component changes.
NOTES_HISTORY_FLAG	NOT NULL	VARCHAR2(4)	'Y' if notes history is recorded when this component changes.
PRODUCT_CODE	NULLABLE	VARCHAR2(120)	The product of which the component is a part.
USER_MAINTAINABLE_FLAG	NOT NULL	VARCHAR2(4)	'Y' if the user can update the profile.
ENABLED_FLAG	NOT NULL	VARCHAR2(4)	Indicates whether this field is enabled with the screen.
WORKBENCH_ONLY_FLAG	NOT NULL	VARCHAR2(4)	'Y' if this profile is only used by fields on the Workbenches.
ALL_VALIDATION_ID	NULLABLE	NUMBER	Validation identifier for the validation that returns all possible values where this validation might restrict to only enabled elements or such.
CONTEXT_ENABLED_FLAG	NOT NULL	VARCHAR2(4)	Indicates whether or not this field can be used as the context field for context-sensitive user data.

Column Name	Null?	Data Type	Description
VISIBLE_ COLUMN_NAME	NULLABLE	VARCHAR2(120)	The column name that stores the displayed value for this field. This is used only for advanced queries.

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

Sequence Name	Sequence Type
KNTA_ VALIDATION_ PROFILES_S	VALIDATION_ PROFILE_ID

KNTA_VALIDATION_SQL_HEADERS

When an autocomplete returns more than one match, a dialog box is shown for the user to choose from the remaining items in the list. This dialog contains a table detailing the choices. This table is used to specify the headers in that table. There is one entry per header. The first sql header must be a hidden code.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_VALIDATIONS	VALIDATION_ID	VALIDATION_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_DATA_SET_CONTEXT_ID	LAST_UPDATED_BY

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 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.
VALIDATION_ID	NOT NULL	NUMBER	The validation in which this header is used.
COLUMN_SEQUENCE	NOT NULL	NUMBER	The column number of this header. The sequence starts with 1.
COLUMN_HEADER	NOT NULL	VARCHAR2(320)	The text header to show at the top of this column.

Column Name	Null?	Data Type	Description
DISPLAYED_FLAG	NOT NULL	VARCHAR2(4)	Specifies whether the header should be displayed to the user ('Y' or 'N').
COLUMN_WIDTH	NULLABLE	NUMBER	For command-based validations, the width of the column of data returned by the execution engine.
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.).
SOURCE	NULLABLE	VARCHAR2(400)	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_SQL_HEADERS_U1	UNIQUE	1	VALIDATION_SQL_HEADER_ID

Sequences

Sequence Name	Sequence Type
KNTA_VALIDATION_SQL_HEADERS_S	VALIDATION_SQL_HEADER_ID

KNTA_VERSION_HISTORY

This table records 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(80)	Version number of the product in the form X.X.X.X (eg 3.0.0.38)
UPGRADE_DATE	NOT NULL	DATE	The date on which this instance was upgraded to version VERSION_NUMBER

Indexes

This table does not use any Indexes.

Sequences

Sequence Name	Sequence Type
KNTA_VERSION_HISTORY_S	VERSION_HISTORY_ID

KNTA_WEBSESSION_KEYS

This table contains 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(120)	Hostname or IP address of the user where web session is created

Indexes

This table does not use any Indexes.

Sequences

Sequence Name	Sequence Type
KNTA_WEBSESSION_KEYS_ID_S	WEBSESSION_KEY_ID

KPFM_CONFIGURATIONS

This table stores the configuration for PFM product. The configuration applies to the 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 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
RETURN_ON_INVESTMENT_FLAG	NOT NULL	VARCHAR2(4)	Keeps track of whether or not users use ROI. Default is Y.
NET_PRESENT_VALUE_FLAG	NOT NULL	VARCHAR2(4)	Keeps track of whether or not users use NPV. Default is N.
CUSTOM_FIELD_VALUE_FLAG	NOT NULL	VARCHAR2(4)	Keeps track of whether or not users need to use a custom financial metric. Default is N.

Column Name	Null?	Data Type	Description
PROJECT_ CLASS_FLAG	NOT NULL	VARCHAR2(4)	Keeps track of whether or not users want to track entities in project class. Default is U.
ASSET_CLASS_ FLAG	NOT NULL	VARCHAR2(4)	Keeps track of whether or not users want to track entities in asset class. Default is U.

Indexes

This table does not use any Indexes.

Sequences

Sequence Name	Sequence Type
KPFM_ CONFIGURATION S_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
KPFM_SCENARIO_COMPARISONS	SCEN_COMPARISON_ID	SCEN_COMPARISON_ID
KNTA_USERS	USER_ID	USER_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_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 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
USER_ID	NOT NULL	NUMBER	ITG User
SCEN_COMPARISON_ID	NOT NULL	NUMBER	The 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

Index Name	Index Type	Sequence	Column Name
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
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KCRT_REQUESTS	REQUEST_ID	FROM_REQUEST_ID
KCRT_REQUESTS	REQUEST_ID	TO_REQUEST_ID

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 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
FROM_REQUEST_ID	NOT NULL	NUMBER	Spawning request ID.
FROM_PFM_TYPE_CODE	NOT NULL	VARCHAR2(120)	Spawning entity, this is either PROPOSAL or PROJECT.
TO_REQUEST_ID	NOT NULL	NUMBER	Spawned request ID.

Column Name	Null?	Data Type	Description
TO_PFM_TYPE_CODE	NOT NULL	VARCHAR2(120)	Spwaned 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_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
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
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 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
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
SCENARIO_NAME	NOT NULL	VARCHAR2(400)	Name for the scenario
SCEN_COMPARISON_ID	NOT NULL	NUMBER	The scenario comparison ID this scenario belongs to

Column Name	Null?	Data Type	Description
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
KPFM_SCENARIOS_U2	UNIQUE	1	SCENARIO_ID
KPFM_SCENARIOS_U2	UNIQUE	2	SEQ

Sequences

Sequence Name	Sequence Type
KPFM_SCENARIOS_S	SCENARIO_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
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_PERIODS	PERIOD_ID	START_PERIOD_ID
KNTA_PERIODS	PERIOD_ID	END_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 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
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(400)	Name for scenario comparison.
DESCRIPTION	NULLABLE	VARCHAR2(1000)	Description for scenario comparison.
ACTIVE_FLAG	NOT NULL	VARCHAR2(4)	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 or not 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
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KPFM_SCENARIOS	SCENARIO_ID	SCENARIO_ID
KPFM_SCENARIO_COMPARISONS	SCEN_COMPARISON_ID	SCEN_COMPARISON_ID

Column Descriptions

Column Name	Null?	Data Type	Description
SCENARIO_CONTENT_ID	NOT NULL	NUMBER	System-generated identifier
SCEN_COMPARISON_ID	NOT NULL	NUMBER	The 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 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
SCENARIO_ID	NOT NULL	NUMBER	The scenario ID.
REQUEST_ID	NOT NULL	NUMBER	PFM Entity ID.

Column Name	Null?	Data Type	Description
INCLUDE_IN_SCENARIO_FLAG	NOT NULL	VARCHAR2(4)	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	The 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_U1	UNIQUE	1	SCENARIO_CONTENT_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_SCEN_COMPARISON_ACCESS

The list of users who are allow to access a particular scenario comparison. Any users specified here must also 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
KPFM_SCENARIO_COMPARISONS	SCEN_COMPARISON_ID	SCEN_COMPARISON_ID
KNTA_USERS	USER_ID	USER_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

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 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
SCEN_COMPARISON_ID	NOT NULL	NUMBER	scenario comparison ID
USER_ID	NOT NULL	NUMBER	The user Id.
EDIT_BASIC_INFO_FLAG	NOT NULL	VARCHAR2(4)	Whether or not the user can edit basic info for the scenario comparison.

Column Name	Null?	Data Type	Description
EDIT_CONTENT_FLAG	NOT NULL	VARCHAR2(4)	Whether or not the user can edit PFM entity content for the scenario comparison.
EDIT_SECURITY_FLAG	NOT NULL	VARCHAR2(4)	Whether or not the user can edit security info for the scenario comparison.
DELETE_SCEN_COMP_FLAG	NOT NULL	VARCHAR2(4)	Whether or not 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_SCEN_COMP_CAPACITIES

This table stores capacity info for budget and staffing for scenario comparisons.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_ENTITIES	ENTITY_ID	ENTITY_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
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 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
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	The entity of capacity. This is either budget or resource pool entity ID.
ENTITY_PRIMARY_KEY	NULLABLE	NUMBER	The 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_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	SCORE_DOMAIN_ID	SCORE_DOMAIN_ID
KNTA_VALIDATIONS	VALIDATION_ID	VALIDATION_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 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
SCORE_CRITERION_WEIGHT	NOT NULL	NUMBER	This is the weight of score criterion
SCORE_DOMAIN_ID	NOT NULL	NUMBER	The score domain the criterion belongs to.
VALIDATION_ID	NOT NULL	NUMBER	The validation ID that the score criterion links to.

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
KPFM_SCORE_CRITERIA_U2	UNIQUE	1	VALIDATION_ID

Sequences

Sequence Name	Sequence Type
KPFM_SCORE_CRITERIA_S	SCORE_CRITERION_ID

KPFM_SCORE_DOMAINS

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	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_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 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
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
SCORE_DOMAIN_NAME	NOT NULL	VARCHAR2(800)	The 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.

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

Sequences

Sequence Name	Sequence Type
KPFM_SCORE_DOMAINS_S	SCORE_DOMAIN_ID

KPFM_SCORE_SELECTIONS

The selections of each score criterion.

Foreign Keys

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

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 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
SCORE_CRITERION_ID	NOT NULL	NUMBER	criterion ID.
SCORE_SELECTION_VALUE	NOT NULL	NUMBER	Integer value of the selection.
SCORE_SELECTION_NAME	NOT NULL	VARCHAR2(800)	The name or description of the selection.

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

Sequences

Sequence Name	Sequence Type
KPFM_SCORE_ SELECTIONS_S	SCORE_ SELECTION_ID

KPMO_BUSINESS_OBJECTIVES

This table contains 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
KNTA_USERS	USER_ID	OWNER_IDS

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 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
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
BUSINESS_OBJECTIVE_NAME	NOT NULL	VARCHAR2(320)	Name of the business objective
OWNER_IDS	NULLABLE	VARCHAR2(800)	List of users that own this business objective
RELATIVE_PRIORITY	NULLABLE	NUMBER	Relative priority of this business objective
STATE_CODE	NULLABLE	VARCHAR2(120)	State of this business objective: see lookup type 'PMO - Business Objective States'

Column Name	Null?	Data Type	Description
DESCRIPTION	NULLABLE	VARCHAR2(4000)	Description of this business objective

Indexes

Index Name	Index Type	Sequence	Column Name
KPMO_ BUSINESS_ OBJECTIVES_U1	UNIQUE	1	BUSINESS_ OBJECTIVE_ID

Sequences

Sequence Name	Sequence Type
KPMO_ BUSINESS_ OBJECTIVES_S	BUSINESS_ OBJECTIVE_ID

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	BUSINESS_OBJECTIVE_ID	BUSINESS_OBJECTIVE_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
PM_PROJECTS_CONTAINERS	PROGRAM_ID	PROGRAM_ID

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 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
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

Index Name	Index Type	Sequence	Column Name
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 contains 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 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
OPT_PARAMETERS_ID	NOT NULL	NUMBER	key in KPPO_OPT_PARAMETERS that is the parent of this row
MIX_TYPE_CODE	NOT NULL	VARCHAR2(120)	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(120)	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	the 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

Contains header level optimization information related to a particular scenario or efficient frontier (within a scenario comparison). Is a parent of KPPO_OPT_MIX_ENTRIES and KPPO_PER_PROJECT_SETTINGS.

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_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 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
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

Column Name	Null?	Data Type	Description
SCEN_ COMPARISON_ID	NULLABLE	NUMBER	Reference to KPFM_ SCENARIO_ COMPARISONS for the scenario comparison that contains the scenario that these parameters are for
OPTIMIZED_ FLAG	NOT NULL	VARCHAR2(4)	'Y' or 'N', is the scenario optimized? parameters are kept even if the optimization is disabled.
EFFICIENT_ FRONTIER_FLAG	NOT NULL	VARCHAR2(4)	'Y' or 'N', are these parameters for the efficient frontier.
RUN_DATE	NULLABLE	DATE	when was the optimizer run
OBJECTIVE_ CODE	NOT NULL	VARCHAR2(120)	'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(4)	'Y' or 'N', should the optimizer use the per period budget information as a constraint?
USE_ RESOURCE_ POOL_FLAG	NOT NULL	VARCHAR2(4)	'Y' or 'N', should the optimizer use the per period per role resopurce pool information as a constraint?
ENABLE_RISK_ THRESHOLD_ FLAG	NOT NULL	VARCHAR2(4)	'Y' or 'N', should the optimizer use a constraint on the average risk that is tolerable

Column Name	Null?	Data Type	Description
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(4)	'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(4)	'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
CUSTOM_THRESHOLD_TYPE_CODE	NULLABLE	VARCHAR2(120)	'ABOVE' or 'BELOW', it indicates how the optimizer should interpret the constraint value in custom_threshold

Column Name	Null?	Data Type	Description
ENABLE_BIZ_OBJECTIVE_MIX_FLAG	NOT NULL	VARCHAR2(4)	'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(4)	'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(4)	'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(4)	'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_RESULTS

The outcome of an optimization run for a scenario is kept here. 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 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
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

Column Name	Null?	Data Type	Description
SCENARIO_ID	NULLABLE	NUMBER	foreign key reference to KPFM_SCENARIOS that is a parent of this row
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).

Column Name	Null?	Data Type	Description
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
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

Column Name	Null?	Data Type	Description
CONSTRAINT_TYPE	NULLABLE	VARCHAR2(120)	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(4)	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_OPT_RESULT_PROJECTS

Represents 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_FG_PFM_ASSET	REQUEST_ID	REQUEST_ID
KCRT_FG_PFM_PROJECT	REQUEST_ID	REQUEST_ID
KCRT_FG_PFM_PROPOSAL	REQUEST_ID	REQUEST_ID
KCRT_REQUESTS	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 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
OPT_RESULTS_ID	NOT NULL	NUMBER	foreign key reference to KPPO_OPT_RESULTS which is the parent of this row

Column Name	Null?	Data Type	Description
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_PER_PROJECT_SETTINGS

The optimization wizard allows the user to choose which proposals, projects, and assets get special treatment. Those settings are captured here, one row per portfolio item

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KPPO_OPT_PARAMETERS	OPT_PARAMETERS_ID	OPT_PARAMETERS_ID
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_FG_PFM_PROPOSAL	REQUEST_ID	REQUEST_ID
KCRT_FG_PFM_PROJECT	REQUEST_ID	REQUEST_ID
KCRT_FG_PFM_ASSET	REQUEST_ID	REQUEST_ID
KNTA_USERS	USER_ID	CREATED_BY

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 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
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	the id of the proposal, project, or asset that this row is for
REQUIRED_FLAG	NOT NULL	VARCHAR2(4)	'Y' or 'N', if Y, the portfolio item must be included in the suggested scenario
ALLOW_TIME_SHIFT_FLAG	NOT NULL	VARCHAR2(4)	'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_DISTRIBUTIONS

Table containing Distributions created from the Release Screen.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KREL_RELEASES	RELEASE_ID	RELEASE_ID
KWFL_WORKFLOWS	WORKFLOW_ID	WORKFLOW_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
DISTRIBUTION_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
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(320)	Unique name within a Release.

Column Name	Null?	Data Type	Description
STATUS_CODE	NOT NULL	VARCHAR2(120)	Status within Distribution's workflow. LOOKUP_TYPE = 'WF_PARENT_STATUS'
WORKFLOW_ID	NULLABLE	NUMBER	Workflow ID. Refers to KWFL_WORKFLOWS.
FEEDBACK_FLAG	NOT NULL	VARCHAR2(4)	Whether FEEDBACK_CODE was fed back to original package lines.
FEEDBACK_CODE	NULLABLE	VARCHAR2(120)	Value to feed back to original Package Lines. LOOKUP_TYPE = 'RM - Ready for Release'
DESCRIPTION	NULLABLE	VARCHAR2(960)	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(800)	User data segment
VISIBLE_USER_DATA1-20	NULLABLE	VARCHAR2(800)	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_DIST_RUN_GROUPS

Table containing Run Groups information created from the Release Screen.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KREL_DISTRIBUTIONS	DISTRIBUTION_ID	DISTRIBUTION_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_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
DISTRIBUTION_ID	NOT NULL	NUMBER	Distribution ID associated with this run group row
RUN_GROUP	NOT NULL	NUMBER	The 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_DIST_RUN_GROUP_LOCKS

Table containing the same information as KREL_DIST_RUN_GROUP_STATUS. For internal use only.

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_LOCK_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
DIST_RUN_GROUP_ID	NOT NULL	NUMBER	Identifier for Run Group. Please refer to KREL_DIST_RUN_GROUPS
STATUS_CODE	NULLABLE	VARCHAR2(120)	The status code for the entire run group
STATUS_MEANING	NULLABLE	VARCHAR2(320)	The status meaning for the entire run group

Column Name	Null?	Data Type	Description
WORKFLOW_ STEP_ID_PATH	NOT NULL	VARCHAR2(800)	The 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

Table containing 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 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
DIST_RUN_GROUP_ID	NOT NULL	NUMBER	Identifier for Run Group. Please refer to KREL_DIST_RUN_GROUPS
STATUS_CODE	NULLABLE	VARCHAR2(120)	The status code for the entire run group
STATUS_MEANING	NULLABLE	VARCHAR2(320)	The status meaning for the entire run group
WORKFLOW_STEP_ID_PATH	NOT NULL	VARCHAR2(800)	The 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_RELEASES

Table containing Releases created in the Release Workbench.

Foreign Keys

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

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 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
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(800)	Used for Release name.
VISIBLE_PARAMETER1-30	NULLABLE	VARCHAR2(800)	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 is 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	The actual day of the calendar date
CALENDAR_MONTH	NOT NULL	DATE	The month in which the CALENDAR_DATE belongs
CALENDAR_YEAR	NOT NULL	DATE	The 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 KNTA_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 KNTA_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 KNTA_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 KNTA_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 does not use any Sequences.

KRML_CALENDAR_MONTHS

This table is 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	The 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 does not use any 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_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_PARAMETER_SETS	PARAMETER_SET_ID	PARAMETER_SET_ID
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	PARAMETER_SET_CONTEXT_ID
KNTA_ENTITIES	ENTITY_ID	ENTITY_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 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

Column Name	Null?	Data Type	Description
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
CONTEXT_VALUE	NULLABLE	VARCHAR2(800)	Identifies the entity context this view context is associated with
VISIBLE_CONTEXT_VALUE	NULLABLE	VARCHAR2(800)	Used to identify the RML_VIEW_NAME_ROOT from the context value
RML_VIEW_NAME_ROOT	NULLABLE	VARCHAR2(80)	The 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(4)	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 does not use any 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_USERS	USER_ID	LAST_UPDATED_BY
KNTA_ENTITIES	ENTITY_ID	ENTITY_ID
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	PARAMETER_SET_CONTEXT_ID
KNTA_PARAMETER_SETS	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 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

Column Name	Null?	Data Type	Description
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
CONTEXT_VALUE	NULLABLE	VARCHAR2(800)	Identifies the entity context this view context is associated with
VISIBLE_CONTEXT_VALUE	NULLABLE	VARCHAR2(800)	Used to identify the RML_VIEW_NAME_ROOT from the context value
RML_VIEW_NAME_ROOT	NULLABLE	VARCHAR2(80)	The 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(4)	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 does not use any 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 KNTA_PARAMETER_SET_FIELDS 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_FIELDS	PARAMETER_SET_FIELD_ID	PARAMETER_SET_FIELD_ID
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	PARAMETER_SET_CONTEXT_ID
KNTA_PARAMETER_SETS	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 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

Column Name	Null?	Data Type	Description
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
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(400)	Field prompt
PARAMETER_TOKEN	NULLABLE	VARCHAR2(120)	Token name for this field
DESCRIPTION	NULLABLE	VARCHAR2(960)	Field description
PARAMETER_TABLE_NAME	NULLABLE	VARCHAR2(120)	For field group fields, this value is the table where the values are stored.
PARAMETER_VALUE_COL_NAME	NULLABLE	VARCHAR2(120)	For field group fields, this value is the column where the hidden values are stored.
PARAMETER_VIS_VALUE_COL_NAME	NULLABLE	VARCHAR2(120)	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 does not use any 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(120)	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 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
BATCH_NUMBER	NULLABLE	NUMBER	RML synchronization batch that this message belongs to
MESSAGE	NULLABLE	VARCHAR2(4000)	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 contains 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 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
CONTROL_NAME	NOT NULL	VARCHAR2(200)	Unique name of the control
VALUE	NULLABLE	VARCHAR2(400)	Value of this control

Indexes

Index Name	Index Type	Sequence	Column Name
KRML_SYSTEM_CONTROLS_PK	UNIQUE	1	SYSTEM_CONTROL_ID

Sequences

This table does not use any Sequences.

KRML_VIEWS

This table contains 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 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
VIEW_NAME	NOT NULL	VARCHAR2(120)	The name of this RML view to be updated, if applicable
EXISTING_VIEW_NAME	NULLABLE	VARCHAR2(400)	The name of this RML view as it currently exists
VIEW_DEF_TEMPLATE_ID	NOT NULL	NUMBER	The ID of the template this view is based on.

Column Name	Null?	Data Type	Description
DDL_ACTION	NOT NULL	VARCHAR2(200)	The action {CREATE, REPLACE, DROP} that will be taken on this view during synchronization of the Reporting Meta Layer
REASON_OF_DDL_ACTION	NULLABLE	VARCHAR2(800)	Brief reason for the DDL action, to be displayed in the synchronization report
STATUS	NOT NULL	VARCHAR2(80)	Status of the DDL action {PENDING, SUCCEED, FAILED, ERROR}
ERROR	NULLABLE	VARCHAR2(1600)	Visible error message, if applicable
ORACLE_ERROR	NULLABLE	VARCHAR2(4000)	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 synch report
UPDATE_DOC_FLAG	NULLABLE	VARCHAR2(4)	(Future use only) Indicator for whether this view's documentation needs to be updated
VIEW_COMMENTS	NULLABLE	VARCHAR2(4000)	Comments

Column Name	Null?	Data Type	Description
DDL_STATEMENT	NULLABLE	CLOB	The DDL statement used to take action on this RML view; displayed in synch 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_VIEWS_S	VIEW_ID
KRML_BATCH_NUMBER_S	BATCH_NUMBER

KRML_VIEW_COLUMNS

This table contains 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
KRML_VIEWS	VIEW_ID	VIEW_ID
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	PARAMETER_SET_CONTEXT_ID
KNTA_PARAMETER_SETS	PARAMETER_SET_ID	SOURCE_PARAMETER_SET_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 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
PARAMETER_SET_CONTEXT_ID	NOT NULL	NUMBER	Foreign key to KNTA_PARAMETER_SET_CONTEXTS

Column Name	Null?	Data Type	Description
BATCH_NUMBER	NULLABLE	NUMBER	Identifier for a batch of views that are being assessed or synchronized in a single synch report
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(200)	Field prompt
PARAMETER_TOKEN	NULLABLE	VARCHAR2(120)	Token name for this field
DESCRIPTION	NULLABLE	VARCHAR2(960)	Field description
PARAMETER_TABLE_NAME	NULLABLE	VARCHAR2(120)	For field group fields, this value is the table where the values are stored.
PARAMETER_VALUE_COL_NAME	NULLABLE	VARCHAR2(120)	For field group fields, this value is the column where the hidden values are stored.
PARAMETER_VIS_VALUE_COL_NAME	NULLABLE	VARCHAR2(120)	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 contains 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 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
VIEW_ID	NOT NULL	NUMBER	The 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(4)	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
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_PARAMETER_SETS	PARAMETER_SET_ID	DRIVING_PARAMETER_SET

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 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
TEMPLATE_FILE_NAME	NOT NULL	VARCHAR2(800)	Name of the text file that stores this template
VIEW_CATEGORY_ID	NULLABLE	NUMBER	(Future Use Only) Category this template belongs to

Column Name	Null?	Data Type	Description
VIEW_NAME_PREFIX	NULLABLE	VARCHAR2(40)	Prefix for all RML views generated by this template, if this template represents a driving context
STATIC_VIEW_NAME	NULLABLE	VARCHAR2(120)	Full name of the RML view if this template does not represent a driving context
SOURCE	NOT NULL	VARCHAR2(120)	Source of this template
DRIVING_PARAMETER_SET	NULLABLE	NUMBER	The 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

KRSC_ORG_UNITS

This table contains all the header information for an Organization Unit.

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	MANAGER_ID
KRSC_ORG_UNITS	ORG_UNIT_ID	PARENT_ORG_UNIT_ID
KNTA_REGIONS	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 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
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
ORG_UNIT_NAME	NOT NULL	VARCHAR2(800)	User defined name for the Organization Unit.
PARENT_ORG_UNIT_ID	NOT NULL	NUMBER	Foreign key to this table if this Organization Unit has a parent Organization Unit.

Column Name	Null?	Data Type	Description
MANAGER_ID	NULLABLE	NUMBER	Foreign key to the user who is the manager of this Organization Unit.
DEPARTMENT_CODE	NULLABLE	VARCHAR2(120)	Lookup code for 'DEPT'
LOCATION_CODE	NULLABLE	VARCHAR2(120)	Lookup code for 'RSC - Location'
CATEGORY_CODE	NULLABLE	VARCHAR2(120)	Lookup code for 'RSC - Org Unit Category'
ENABLED_FLAG	NOT NULL	VARCHAR2(4)	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(800)	User data segment
VISIBLE_USER_DATA1-20	NULLABLE	VARCHAR2(800)	User data segment
SOURCE	NULLABLE	VARCHAR2(400)	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(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
REGION_ID	NULLABLE	NUMBER	The region for this org unit if it is directly specified

Column Name	Null?	Data Type	Description
PRIMARY_FLAG	NOT NULL	VARCHAR2(4)	This is Y if this is a primary org unit

Indexes

Index Name	Index Type	Sequence	Column 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

Sequences

Sequence Name	Sequence Type
KRSC_ORG_UNITS_S	ORG_UNIT_ID

KRSC_ORG_UNITS_INT

KRSC_ORG_UNITS_INT corresponds to the KRSC_ORG_UNITS table. This table is used by the Organization Unit open interface to import Organization Units into PPMC 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	ORG_UNIT_ID	ORG_UNIT_ID
KRSC_ORG_UNITS	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(4)	Used to indicate if the Organization Unit already exists in the system

Column Name	Null?	Data Type	Description
PROCESS_ PHASE	NULLABLE	NUMBER	Indicates which phase a record is at: Pending, Deriving, Validating, Importing or Completed.
PROCESS_ STATUS	NULLABLE	NUMBER	Indicates the correct status of the interface record: Pending, In Progress, Errored or Completed.
CREATED_BY	NULLABLE	NUMBER	Identifier for the user that created the record
CREATED_BY_ USERNAME	NULLABLE	VARCHAR2(800)	Username corresponding to the 'CREATED_BY' column
CREATION_DATE	NULLABLE	DATE	Date record was created
DEST_ CREATED_BY	NULLABLE	NUMBER	The USER_ID from the KNTA_USERS table for the user that 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	The date that the transaction is performed.

Column Name	Null?	Data Type	Description
DEST_LAST_UPDATED_BY	NULLABLE	NUMBER	The USER_ID from the KNTA_USERS table for the user that 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	The date that the transaction is performed.
DEST_ENTITY_UPD_DATE	NULLABLE	DATE	The date that the transaction is performed.
SOURCE	NULLABLE	VARCHAR2(400)	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(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
ORG_UNIT_ID	NULLABLE	NUMBER	The id of the Organization Unit to be added or updated.
ORG_UNIT_NAME	NULLABLE	VARCHAR2(800)	The name of the Organization Unit to be added or updated.

Column Name	Null?	Data Type	Description
PARENT_ORG_UNIT_ID	NULLABLE	NUMBER	Id of the parent Organization Unit of the Organization Unit to be imported if it has a parent.
PARENT_ORG_UNIT_NAME	NULLABLE	VARCHAR2(800)	The name of the parent Organization Unit of the 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(800)	Username of the manager of this Organization Unit.
MANAGER_LOGON_IDENTIFIER	NULLABLE	VARCHAR2(800)	The logon identifier (from the KNTA_USERS table) of the manager of this Organization Unit
DEPARTMENT_CODE	NULLABLE	VARCHAR2(120)	Lookup code for 'DEPT'
DEPARTMENT_MEANING	NULLABLE	VARCHAR2(320)	Lookup meaning for 'DEPT'
LOCATION_CODE	NULLABLE	VARCHAR2(120)	Lookup code for 'RSC - Location'
LOCATION_MEANING	NULLABLE	VARCHAR2(320)	Lookup meaning for 'RSC - Location'
CATEGORY_CODE	NULLABLE	VARCHAR2(120)	Lookup code for 'RSC - Org Unit Category'
CATEGORY_MEANING	NULLABLE	VARCHAR2(320)	Lookup meaning for 'RSC - Org Unit Category'
ENABLED_FLAG	NULLABLE	VARCHAR2(4)	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

Column Name	Null?	Data Type	Description
USER_DATA1-20	NULLABLE	VARCHAR2(800)	User data segment
VISIBLE_USER_DATA1-20	NULLABLE	VARCHAR2(800)	User data segment

Indexes

Index Name	Index Type	Sequence	Column Name
KRSC_ORG_UNITS_INT_N1	NONUNIQUE	1	GROUP_ID
KRSC_ORG_UNITS_INT_N1	NONUNIQUE	2	ORG_UNIT_ID
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 does not use any Sequences.

KRSC_ORG_UNIT_MEMBERS

This table contains 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	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 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
ORG_UNIT_ID	NOT NULL	NUMBER	Foreign key to the parent Organization Unit this member
USER_ID	NOT NULL	NUMBER	Foreign key to this members row in the KNTA_USERS table.

Column Name	Null?	Data Type	Description
SOURCE	NULLABLE	VARCHAR2(400)	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(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)

Indexes

Index Name	Index Type	Sequence	Column Name
KRSC_ORG_UNIT_MEMBERS_N1	NONUNIQUE	1	ORG_UNIT_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

KRSC_ORG_UNIT_MEMBERS_INT 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 PPMC 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
KRSC_ORG_UNITS	ORG_UNIT_ID	ORG_UNIT_ID
KRSC_ORG_UNIT_MEMBERS	ORG_UNIT_MEMBER_ID	ORG_UNIT_MEMBER_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	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(4)	Used to indicate if the Organization Unit Member already exists in the system

Column Name	Null?	Data Type	Description
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 that created the record
CREATED_BY_ USERNAME	NULLABLE	VARCHAR2(800)	Username for the user that created the record
CREATION_DATE	NULLABLE	DATE	Date record was created
DEST_ CREATED_BY	NULLABLE	NUMBER	The USER_ID from the KNTA_USERS table for the user that 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	The date that the transaction is performed.

Column Name	Null?	Data Type	Description
DEST_LAST_UPDATED_BY	NULLABLE	NUMBER	The USER_ID from the KNTA_USERS table for the user that 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	The date that the transaction is performed.
DEST_ENTITY_UPD_DATE	NULLABLE	DATE	The date that the transaction is performed.
SOURCE	NULLABLE	VARCHAR2(400)	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(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
ORG_UNIT_MEMBER_ID	NULLABLE	NUMBER	The id of the Organization Unit Member to be added or updated.
ORG_UNIT_ID	NULLABLE	NUMBER	The id of the Organization Unit that the member is to be added to.

Column Name	Null?	Data Type	Description
ORG_UNIT_NAME	NULLABLE	VARCHAR2(800)	The name of the Organization Unit that the member is to be added to.
USER_ID	NULLABLE	NUMBER	The user id of the member to be added to the Organization Unit.
USERNAME	NULLABLE	VARCHAR2(800)	The username of the member to be added to the Organization Unit.
LOGON_IDENTIFIER	NULLABLE	VARCHAR2(800)	The LOGON_IDENTIFIER (in the KNTA_USERS table) of the member to be added to the Organization Unit.

Indexes

Index Name	Index Type	Sequence	Column Name
KRSC_ORG_UNIT_MEMBERS_INT_N1	NONUNIQUE	1	GROUP_ID
KRSC_ORG_UNIT_MEMBERS_INT_N1	NONUNIQUE	2	ORG_UNIT_ID
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 does not use any Sequences.

KRSC_PENDING_ASSIGNMENTS

This table gets updated everytime 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
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_ENTITIES	ENTITY_ID	SOURCE_ENTITY_ID
PM_PROJECTS	PROJECT_ID	SOURCE_ID
KCRT_REQUEST_TYPES	REQUEST_TYPE_ID	SOURCE_ID
RSC_STAFFING_PROFILES	STAFFING_PROFILE_ID	SOURCE_ID
KCRT_FG_WORK_ITEMS	REQUEST_ID	SOURCE_ID
KCRT_REQUEST_HEADER_TYPES	REQUEST_HEADER_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 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

Column Name	Null?	Data Type	Description
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_ASSIGNMENT_ERR

This table tracks 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_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_ENTITIES	ENTITY_ID	SOURCE_ENTITY_ID
KCRT_REQUESTS	REQUEST_ID	SOURCE_ID
KCRT_REQUEST_TYPES	REQUEST_TYPE_ID	SOURCE_ID
RSC_STAFFING_PROFILES	STAFFING_PROFILE_ID	SOURCE_ID
KCRT_REQUEST_HEADER_TYPES	REQUEST_HEADER_TYPE_ID	SOURCE_ID
PM_PROJECTS	PROJECT_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 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

Column Name	Null?	Data Type	Description
SOURCE_ENTITY_ID	NOT NULL	NUMBER	Copy of the SOURCE_ENTITY_ID from the KRSC_PENDING_ASSIGNMENTS table.
SOURCE_ID	NOT NULL	NUMBER	Copy of the SOURCE_ID from the KRSC_PENDING_ASSIGNMENTS table.
ERROR_MSG	NULLABLE	VARCHAR2(4000)	The 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

Index Name	Index Type	Sequence	Column Name
KRSC_ PENDING_ ASSIGNMENT_ ERR_U1	UNIQUE	1	PENDING_ ASSIGNMENT_ ERR_ID

Sequences

This table does not use any Sequences.

KRSC_PENDING_WORK_ITEM_UPDATES

This table contains references to updates that need to be made to the KDRV_PROJECTS table or the KCRT_FG_WORK_ITEMS table that could not immediately be 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_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_ENTITIES	ENTITY_ID	WORK_ITEM_ENTITY_ID
KCRT_FG_WORK_ITEMS	REQUEST_ID	WORK_ITEM_ID
PM_PROJECTS	PROJECT_ID	WORK_ITEM_ID

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 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
WORK_ITEM_ENTITY_ID	NOT NULL	NUMBER	The 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(800)	The new value of the column to be updated if update is from Time Management.
UPDATE_TYPE	NOT NULL	VARCHAR2(200)	One of 'TM_ACTUAL_EFFORT_UPDATE', 'TM_ACTUAL_COST_UPDATE', 'REQ_UPDATES_TASK_ACTUAL_EFFORT', or 'TASK_UPDATES_REQ_SCHEDULE'
ATTEMPTS	NOT NULL	NUMBER	The number of times the process has tried to make the update.
ERROR_MESSAGE	NULLABLE	VARCHAR2(800)	The error message recieved as to why the update could not immediatly be made.

Indexes

Index Name	Index Type	Sequence	Column Name
KRSC_PEND_WORK_ITEM_UPDATES_U1	UNIQUE	1	PENDING_WORK_ITEM_UPDATE_ID

Sequences

This table does not use any 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
KNTA_PERIODS	PERIOD_ID	PERIOD_ID
RSC_ROLES	ROLE_ID	ROLE_ID
RSC_RESOURCE_POOLS	RESOURCE_POOL_ID	RESOURCE_POOL_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 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
PERIOD_ID	NOT NULL	NUMBER	Monthly period ID.
TOTAL_FTE	NOT NULL	NUMBER	The total FTE of this org unit
ROLLUP_FTE	NOT NULL	NUMBER	The total FTE from the children
ROLE_ID	NOT NULL	NUMBER	The role this sum is associated with
RESOURCE_POOL_ID	NOT NULL	NUMBER	The 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	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
KNTA_PERIODS	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 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
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.

Column Name	Null?	Data Type	Description
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_N1	NONUNIQUE	1	STAFF_PROF_ID
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 contains 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 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
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(1200)	The Request Id, the Task Name, or the Staffing Profile Line Cell Id

Column Name	Null?	Data Type	Description
WORK_ITEM_ID	NOT NULL	NUMBER	Foreign key to Requests, Tasks, or Staffing Profile Line Cells.
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(1200)	The 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.

Column Name	Null?	Data Type	Description
WORKLOAD_CATEGORY_CODE	NULLABLE	VARCHAR2(120)	Lookup code for 'RSC - Workload Category Code'
WORKLOAD_FLAG	NOT NULL	VARCHAR2(4)	'Y' or 'N'. Determines if this assignment should show up in workload visualizations.
PLAN_CALENDAR	NULLABLE	VARCHAR2(16)	The 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 (e.g. Vacation Days)
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.

Column Name	Null?	Data Type	Description
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(16)	The 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 (e.g. 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.
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.

Column Name	Null?	Data Type	Description
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

Index Name	Index Type	Sequence	Column Name
KRSC_WORK_ITEM_ASSIGNMENTS_N12	NONUNIQUE	1	ACTUAL_FINISH_DATE
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

This table stores charge code data for use by 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
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 that 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 that last updated the record
CHARGE_CODE_NAME	NOT NULL	VARCHAR2(320)	Name of the charge code record
DESCRIPTION	NOT NULL	VARCHAR2(960)	Description of the charge code record
ENABLED_FLAG	NOT NULL	VARCHAR2(4)	Flag that determines whether the charge code is enabled

Column Name	Null?	Data Type	Description
CHARGE_CODE_ CATEGORY_ CODE	NULLABLE	VARCHAR2(120)	Identifier that identifies the category which the charge code belongs to
DEPARTMENT_ CODE	NULLABLE	VARCHAR2(120)	Department identifier of the charge code record
CLIENT_CODE	NULLABLE	VARCHAR2(120)	Client identifier of the charge code record

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

Sequences

Sequence Name	Sequence Type
KTMG_CHARGE_ CODES_S	CHARGE_CODE_ ID

KTMG_ORULE_CHARGE_CODES

This table stores information about Over-ride Rules associated with Charge Codes for Time Management.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KTMG_CHARGE_CODES	CHARGE_CODE_ID	CHARGE_CODE_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KTMG_OVERRIDE_RULES	OVERRIDE_RULE_ID	OVERRIDE_RULE_ID

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 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
OVERRIDE_RULE_ID	NOT NULL	NUMBER	Over-ride rule identifier that identifies the over-ride rule that is associated
CHARGE_CODE_ID	NOT NULL	NUMBER	Charge code identifier that identifies the charge code that is associated

Column Name	Null?	Data Type	Description
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 over-ride rules for Time Management.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_SECURITY_GROUPS	SECURITY_GROUP_ID	APPROVAL_ID
KNTA_USERS	USER_ID	APPROVAL_ID
KNTA_USERS	USER_ID	BILLING_ID
KNTA_SECURITY_GROUPS	SECURITY_GROUP_ID	BILLING_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_REGIONS	REGION_ID	REGION_ID
KCRT_REQUESTS	REQUEST_ID	WORK_ITEM_ID
PM_PROJECTS	PROJECT_ID	WORK_ITEM_ID
KDLV_PACKAGES	PACKAGE_ID	WORK_ITEM_ID
KCRT_REQUEST_TYPES	REQUEST_TYPE_ID	WORK_ITEM_SET_ID
KWFL_WORKFLOWS	WORKFLOW_ID	WORK_ITEM_SET_ID
PM_PROJECTS	PROJECT_ID	WORK_ITEM_SET_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 that created the record

Column Name	Null?	Data Type	Description
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 that last updated the record
OVERRIDE_RULE_NAME	NOT NULL	VARCHAR2(320)	Name of the over-ride rule
DESCRIPTION	NULLABLE	VARCHAR2(960)	Description of the over-ride rule
WORK_ITEM_TYPE_CODE	NULLABLE	VARCHAR2(120)	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 over-ride rule belongs to
DEPARTMENT_CODE	NULLABLE	VARCHAR2(120)	Department identifier that identifies which department the over-ride rule applies to
RESOURCE_TITLE_CODE	NULLABLE	VARCHAR2(120)	Title of the resource to which this over-ride rule belongs to
RATE_UNIT_CODE	NULLABLE	VARCHAR2(120)	Identifier that identifies the rate unit
RATE	NULLABLE	NUMBER	Rate for the over-ride rule
APPROVAL_TYPE_CODE	NULLABLE	VARCHAR2(120)	Identifier that identifies the type of approval for the over-ride rule

Column Name	Null?	Data Type	Description
APPROVAL_ID	NULLABLE	NUMBER	Identifier for the approval for the over-ride rule
BILLING_TYPE_CODE	NULLABLE	VARCHAR2(120)	Identifier that identifies the type of billing for the over-ride rule
BILLING_ID	NULLABLE	NUMBER	Identifier for the billing of the over-ride rule
OVERRIDE_RESOURCE_CC_FLAG	NULLABLE	VARCHAR2(4)	Flag that determines whether the resource charge code is over-ridden
OVERRIDE_WORK_ALLOC_CC_FLAG	NULLABLE	VARCHAR2(4)	Flag that determines whether the work allocation charge code is over-ridden
CHARGE_CODES_UPDATEABLE_FLAG	NULLABLE	VARCHAR2(4)	Flag that determines whether the charge code for the over-ride rule is updatable
CHARGE_CODES_REQUIRED_FLAG	NULLABLE	VARCHAR2(4)	Flag that determines whether a charge code is required for the over-ride rule
ENABLED_FLAG	NOT NULL	VARCHAR2(4)	Flag that determines whether the current over-ride 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 contains 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 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
PAGE_NAME	NOT NULL	VARCHAR2(400)	Name of the page the column resides on
SEQ	NOT NULL	NUMBER	Sequence of the page column
COLUMN_NAME	NOT NULL	VARCHAR2(400)	Name of the page column
COLUMN_TITLE	NOT NULL	VARCHAR2(400)	Title of the page column
FIELD_WIDTH	NULLABLE	NUMBER	Width of the field
NUMERIC_FLAG	NOT NULL	VARCHAR2(4)	Flag to determine whether the field is numeric
ENABLED_FLAG	NOT NULL	VARCHAR2(4)	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
KTMG_PAGE_COLUMNS_U3	UNIQUE	1	PAGE_NAME
KTMG_PAGE_COLUMNS_U3	UNIQUE	2	COLUMN_NAME
KTMG_PAGE_COLUMNS_U3	UNIQUE	3	SEQ

Sequences

Sequence Name	Sequence Type
KTMG_PAGE_COLUMNS_S	PAGE_COLUMN_ID

KTMG_PERIODS

This table defines the time periods used in Time Management.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KTMG_PERIOD_TYPES	PERIOD_TYPE_ID	PERIOD_TYPE_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_PERIOD_TYPES	PERIOD_TYPE_ID	PERIOD_TYPE_ID

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 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
PERIOD_NAME	NOT NULL	VARCHAR2(320)	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).

Column Name	Null?	Data Type	Description
SEQ	NOT NULL	NUMBER	The 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_PERIOD_TYPES

This table defines the various durations that a Time Management Period can have.

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	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
PERIOD_TYPE_NAME	NOT NULL	VARCHAR2(320)	User defined Period Type Name.
DESCRIPTION	NOT NULL	VARCHAR2(960)	User defined Description of the Period Type.
START_DAY_CODE	NULLABLE	VARCHAR2(120)	The day of the week the Period Type commences. Monday for weekly and bi-weekly otherwise null.
ENABLED_FLAG	NOT NULL	VARCHAR2(4)	Determines if this Period Type is in use.

Column Name	Null?	Data Type	Description
DURATION_CODE	NULLABLE	VARCHAR2(120)	Code describing the length of time over which this Period Type extends.

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_POLICIES

This table contains 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
KNTA_PERIOD_TYPES	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 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
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
POLICY_NAME	NOT NULL	VARCHAR2(320)	User defined name for the policy
DESCRIPTION	NULLABLE	VARCHAR2(960)	Description of the policy
PERIOD_TYPE_ID	NOT NULL	NUMBER	Foreign key to KTMG_PERIOD_TYPES table that determines the duration of the period.

Column Name	Null?	Data Type	Description
TIME_ENTRY_DURATION_CODE	NOT NULL	VARCHAR2(120)	Whether the user will be logging time by the day or some other defined period.
TIME_ENTRY_UNIT_CODE	NOT NULL	VARCHAR2(120)	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(120)	Lookup code for 'TMG - Time Period Calculation Types'. Determines how the 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(4)	Either 'Y' or 'N'. Determines whether any existing Charge Codes for the Work Allocation will be overridden by the resource charge code.

Column Name	Null?	Data Type	Description
DUPLICATE_ALLOWED_FLAG	NOT NULL	VARCHAR2(4)	Flag to specify duplicate time sheets (multiple time sheets for the same period) is allowed or not.
TIMESHEET_REQUIRED_FLAG	NOT NULL	VARCHAR2(4)	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.
MIN_MAX_HOURS_CALC_TYPE_CODE	NULLABLE	VARCHAR2(120)	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(4)	Flag to determine whether the time sheet can be released when there is a violation on the policy.
GLOBAL_POLICY_FLAG	NOT NULL	VARCHAR2(4)	Specifies if the policy is the default policy for all resources without a policy.
AUTO_APPROVAL_FLAG	NULLABLE	VARCHAR2(4)	Is the user's time automatically approved

Column Name	Null?	Data Type	Description
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(16)	Y or N, Is the user required to enter activities on their time sheet for requests?
TSK_ ACTIVITIES_ REQUIRED_ FLAG	NOT NULL	VARCHAR2(16)	Y or N, Is the user required to enter activities on their time sheet for tasks?
PKG_ ACTIVITIES_ REQUIRED_ FLAG	NOT NULL	VARCHAR2(16)	Y or N, Is the user required to enter activities on their time sheet for packages?
MISC_ ACTIVITIES_ REQUIRED_ FLAG	NOT NULL	VARCHAR2(16)	Y or N, Is the user required to enter activities on their time sheet for misc items?

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 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	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 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
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	The 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 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	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 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
SECURITY_GROUP_ID	NOT NULL	NUMBER	Foreign key to the parent Security Group for which this rule is defined.
RESTRICTION_TYPE_CODE	NOT NULL	VARCHAR2(120)	Lookup code for 'TMG - Charge Code Filter Types'.
VALUE	NOT NULL	VARCHAR2(320)	The value (corresponding to the RESTRICTION_TYPE_CODE) that is allowed as a charge code.

Column Name	Null?	Data Type	Description
ENABLED_FLAG	NOT NULL	VARCHAR2(4)	'Y' or 'N'. Determines if this rule is being used or ignored.

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_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
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 that 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 that 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(120)	Identifier that identifies the type of work item

Column Name	Null?	Data Type	Description
TIME_UNIT_CODE	NOT NULL	VARCHAR2(120)	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(4)	Flag that determines if the work allocation has restricted access
STATUS_CODE	NOT NULL	VARCHAR2(120)	Status of the work allocation
CHARGE_CODES_UPDATEABLE_FLAG	NOT NULL	VARCHAR2(4)	Flag that determines if the charge code is updatable
CHARGE_CODES_REQUIRED_FLAG	NOT NULL	VARCHAR2(4)	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

Index Name	Index Type	Sequence	Column Name
KTMG_WORK_ALLOCATIONS_U2	UNIQUE	2	WORK_ITEM_TYPE_CODE

Sequences

Sequence Name	Sequence Type
KTMG_WORK_ALLOCATIONS_S	WORK_ALLOCATION_ID

KTMG_WORK_ALLOC_CHARGE_CODES

This table contains information about Work Allocation Charge Codes for Time Management.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KTMG_CHARGE_CODES	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 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
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

Column Name	Null?	Data Type	Description
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
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_PENDING_EXCEPTIONS	SOURCE_ID	SOURCE_ID
KTMG_WORK_ALLOCATIONS	WORK_ALLOCATION_ID	WORK_ALLOCATION_ID

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 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
WORK_ALLOCATION_ID	NOT NULL	NUMBER	Identifies the work allocation the restricted access data refers to
SOURCE_TYPE_CODE	NOT NULL	VARCHAR2(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)

Column Name	Null?	Data Type	Description
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

KVER_FILES

This table is used to help version control 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(120)	Identifier for the user that last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
CREATED_BY	NOT NULL	VARCHAR2(120)	Identifier for the user that created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
FILE_NAME	NOT NULL	VARCHAR2(264)	Name of the file
FILE_BASE	NOT NULL	VARCHAR2(200)	the base path of the file
FILE_EXT	NULLABLE	VARCHAR2(60)	the file extension
SUB_PATH	NOT NULL	VARCHAR2(200)	sub path of the file
APPLICATION	NOT NULL	VARCHAR2(200)	which applicaiton the file is associated with
LOCKED_FLAG	NOT NULL	VARCHAR2(4)	is the file locked
LOCKED_BY	NULLABLE	VARCHAR2(120)	who is it locked by
CURR_REVISION	NOT NULL	VARCHAR2(120)	the current revision of the file
DESCRIPTION	NULLABLE	VARCHAR2(800)	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

KVER_REVISIONS is used to store 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	LAST_UPDATED_BY
KNTA_USERS	USER_ID	CREATED_BY
KVER_FILES	FILE_ID	FILE_ID

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(120)	The last person to perform a check in
LAST_UPDATE_DATE	NOT NULL	DATE	Date of last check in
CREATED_BY	NOT NULL	VARCHAR2(120)	Person who created the file
CREATION_DATE	NOT NULL	DATE	Date the file was created
LOCKED_FLAG	NOT NULL	VARCHAR2(4)	Lock status of the file (Y/N)
REVISION_NUMBER	NOT NULL	VARCHAR2(120)	Revision number for the version of the file
LOG_MSG	NULLABLE	VARCHAR2(800)	Log message for each revision checked into the Version Control
DESCRIPTION	NULLABLE	VARCHAR2(800)	Description associated with the file

Column Name	Null?	Data Type	Description
REFERENCE_ID	NULLABLE	VARCHAR2(120)	The Reference number associated with each file (generally the Change Request number)
REFERENCE_TYPE_CODE	NULLABLE	VARCHAR2(120)	The entity code associated with the Reference Type (generally a "1" for a Packages)

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_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_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_VALIDATIONS	VALIDATION_ID	RESULT_VALIDATION_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 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.
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated.
APPROVAL_NAME	NOT NULL	VARCHAR2(400)	Name of the approval, which is also the default name of the defining workflow steps.

Column Name	Null?	Data Type	Description
DESCRIPTION	NULLABLE	VARCHAR2(960)	A description of the approval.
PRODUCT_SCOPE_CODE	NOT NULL	VARCHAR2(120)	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.
TIMEOUT_VALUE	NULLABLE	NUMBER	The number of time units, given in TIMEOUT_UNIT_CODE, for the approval to timeout.
TIMEOUT_UNIT_CODE	NULLABLE	VARCHAR2(120)	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(120)	Defined by the lookup type APPROVALS_REQUIRED.
ICON_NAME	NULLABLE	VARCHAR2(320)	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(4)	Only enabled approvals can be used to create workflow steps.

Column Name	Null?	Data Type	Description
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.).
SOURCE	NULLABLE	VARCHAR2(400)	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(800)	User data segment
VISIBLE_USER_DATA1-20	NULLABLE	VARCHAR2(800)	User data segment

Indexes

Index Name	Index Type	Sequence	Column Name
KWFL_APPROVALS_U1	UNIQUE	1	APPROVAL_ID
KWFL_APPROVALS_U2	UNIQUE	1	APPROVAL_NAME

Sequences

Sequence Name	Sequence Type
KWFL_APPROVALS_S	APPROVAL_ID

KWFL_APPROVAL_RECIPIENTS

The KWFL_APPROVAL_RECIPIENTS table contains 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
KWFL_APPROVAL_RECIPIENTS	APPROVAL_RECIPIENT_ID	DELEGATED_TO_RECIPIENT_ID
KNTA_USERS	USER_ID	USER_ID
KWFL_STEP_TRANSACTIONS	STEP_TRANSACTION_ID	STEP_TRANSACTION_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

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 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
STEP_TRANSACTION_ID	NULLABLE	NUMBER	This identifies the approval step transaction to which this approval recipient row belongs.

Column Name	Null?	Data Type	Description
USER_ID	NOT NULL	NUMBER	This identifies the user authorized to vote for the given approval step transaction.
DELEGATED_FLAG	NOT NULL	VARCHAR2(4)	This specifies whether the user has delegated his vote to another user.
DELEGATED_TO_RECIPIENT_ID	NULLABLE	NUMBER	This identifies the approval recipient row inserted when this user delegated his vote. This is a key into this same table.
RESULT_VALUE	NULLABLE	VARCHAR2(800)	This specifies the hidden result value chosen by this user.
VISIBLE_RESULT_VALUE	NULLABLE	VARCHAR2(800)	This 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_CONDITIONS

This table contains 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	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 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
CONDITION_NAME	NOT NULL	VARCHAR2(120)	The name of the condition, which may be up to 30 characters in length.
DESCRIPTION	NULLABLE	VARCHAR2(960)	The optional description of the condition.

Column Name	Null?	Data Type	Description
CONDITION_ TYPE_CODE	NOT NULL	VARCHAR2(120)	One of 'AND', 'OR', 'SYNC', 'FIRST_LINE' and 'LAST_LINE', which are the values to represent the five possible condition types.
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(120)	Which product(s) workflows may use this condition. Defined by lookup type 'PRODUCT_SCOPE_TYPE'. May be 'AI', 'RI', or 'ALL'. AI is Deployment Management, RI is Demand Management
ICON_NAME	NULLABLE	VARCHAR2(320)	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(4)	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

Index Name	Index Type	Sequence	Column Name
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; i.e. 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
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_VALIDATIONS	VALIDATION_ID	RESULT_VALIDATION_ID
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	USER_DATA_SET_CONTEXT_ID
KWFL_WORKFLOW_COMMANDS	WORKFLOW_COMMAND_ID	WORKFLOW_COMMAND_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 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
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated

Column Name	Null?	Data Type	Description
EXECUTION_NAME	NOT NULL	VARCHAR2(400)	A unique name of an execution.
DESCRIPTION	NULLABLE	VARCHAR2(960)	The description of the execution
EXECUTION_TYPE_CODE	NOT NULL	VARCHAR2(120)	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(4000)	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.

Column Name	Null?	Data Type	Description
RESULT_VALIDATION_ID	NOT NULL	NUMBER	Defines the validation used for valid result values.
TIMEOUT_VALUE	NULLABLE	NUMBER	The 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(120)	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(120)	Defined by the lookup type "PRODUCT_SCOPE_TYPE". It can be "ALL", "AI", or "RI".
PROCESSING_TYPE_CODE	NOT NULL	VARCHAR2(120)	Defined by the lookup type "PROCESSING_TYPE". It can be "IMMEDIATE" or "MANUAL".
ICON_NAME	NULLABLE	VARCHAR2(320)	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(4)	Either 'Y' or 'N'. If set to 'N', no new workflow steps can be created based on that execution.

Column Name	Null?	Data Type	Description
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.).
SOURCE	NULLABLE	VARCHAR2(400)	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(800)	User data segment
VISIBLE_USER_DATA1-20	NULLABLE	VARCHAR2(800)	User data segment
SYNCHRONOUS_FLAG	NOT NULL	VARCHAR2(4)	Y or N, should this execution wait to finish before returning to the end user or should it run asynchronously

Indexes

Index Name	Index Type	Sequence	Column Name
KWFL_EXECUTIONS_U1	UNIQUE	1	EXECUTION_ID
KWFL_EXECUTIONS_U2	UNIQUE	1	EXECUTION_NAME

Sequences

Sequence Name	Sequence Type
KWFL_ EXECUTIONS_S	EXECUTION_ID

KWFL_PENDING_EXEC_CALLBACKS

The KWFL_PENDING_EXEC_CALLBACKS 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	LAST_UPDATED_BY
KDLV_PACKAGES	PACKAGE_ID	CHILD_PACKAGE_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
KENV_ENVIRONMENTS	ENVIRONMENT_ID	SOURCE_ENVIRONMENT_ID
KENV_ENVIRONMENTS	ENVIRONMENT_ID	DEST_ENVIRONMENT_ID
KDLV_PACKAGES	PACKAGE_ID	CHILD_PACKAGE_ID
KWFL_PENDING_EXEC_OBJECTS	BATCH_ID	EXECUTION_BATCH_ID
KWFL_WORKFLOW_STEPS	WORKFLOW_STEP_ID	WORKFLOW_STEP_ID
KNTA_USERS	USER_ID	CREATED_BY

Column Descriptions

Column Name	Null?	Data Type	Description
PENDING_EXEC_CALLBACK_ID	NOT NULL	NUMBER	System-generated identifier

Column Name	Null?	Data Type	Description
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
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(120)	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(4000)	This comma-separated list identifies the step transactions relevant to this excution callback.

Column Name	Null?	Data Type	Description
WORKFLOW_STEP_ID	NOT NULL	NUMBER	This column identifies the step in the workflow to which this execution callback belongs.
RESULT_VALUE	NULLABLE	VARCHAR2(800)	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(800)	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.
ERROR_VALUE	NULLABLE	VARCHAR2(800)	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(800)	If the execution completed in error, this holds the visible error value. These values are chosen among the meaning values of lookup WF_ERROR.

Column Name	Null?	Data Type	Description
ERROR_MESSAGE	NULLABLE	VARCHAR2(960)	If the execution completed in error, this holds the detailed information about the error.
VISIBLE_USER_STATUS_VALUE	NULLABLE	VARCHAR2(800)	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

The KWFL_PENDING_EXEC_OBJECTS table 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
KWFL_STEP_TRANSACTIONS	STEP_TRANSACTION_ID	STEP_TRANSACTION_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KDLV_PACKAGE_LINES	PACKAGE_LINE_ID	SOURCE_ID
KCRT_REQUESTS	REQUEST_ID	SOURCE_ID
KNTA_REPORT_SUBMISSIONS	REPORT_SUBMISSION_ID	SOURCE_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 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

Column Name	Null?	Data Type	Description
EVENT_GROUP_ID	NOT NULL	NUMBER	This identifies a set of command execution transactions that were triggered directly or indirectly by the same event.
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 etc.)
STEP_TRANSACTION_ID	NOT NULL	NUMBER	This identifies the step transaction to which this execution belongs.
CLASS_NAME	NOT NULL	VARCHAR2(400)	This identifies the java class that should be run to perform the executions in the batch. The class is a subclass of ExecutionManager

Column Name	Null?	Data Type	Description
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(120)	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_ PENDING_EXEC_ OBJECTS_S	PENDING_EXEC_ OBJECT_ID
KWFL_EVENT_ GROUP_ID_S	EVENT_GROUP_ ID
KWFL_EXEC_ OBJECT_ BATCH_ID_S	BATCH_ID

KWFL_RESOLVED_SEC_TOKENS

Contains 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_ENTITIES	ENTITY_ID	ENTITY_ID
KDLV_PACKAGE_LINES	PACKAGE_LINE_ID	SOURCE_ID
KNTA_SECURITY_GROUPS	SECURITY_GROUP_ID	SECURITY_GROUP_ID
KNTA_USERS	USER_ID	USER_ID
KWFL_WORKFLOW_STEP_SECURITY	WORKFLOW_STEP_SECURITY_ID	WORKFLOW_STEP_SECURITY_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KDLV_PACKAGES	PACKAGE_ID	SOURCE_SET_ID
KCRT_REQUESTS	REQUEST_ID	SOURCE_ID
KCRT_REQUESTS	REQUEST_ID	SOURCE_SET_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 that 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 that last updated the record
SOURCE_SET_ID	NOT NULL	NUMBER	Package ID or Request ID which uses this resolved token
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	The Step Security which resolved value is stored here
SECURITY_TYPE_CODE	NOT NULL	VARCHAR2(320)	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(12)	Temporary flag used internally (should be set to N)
TOKEN	NULLABLE	VARCHAR2(320)	The 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

Index Name	Index Type	Sequence	Column Name
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_ U1	UNIQUE	1	RESOLVED_ SEC_TOKEN_ID

Sequences

Sequence Name	Sequence Type
KWFL_ RESOLVED_ SEC_TOKENS_S	RESOLVED_ SEC_TOKEN_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_PACKAGE_LINES	PACKAGE_LINE_ID	TOP_INSTANCE_SOURCE_ID
KREL_DISTRIBUTIONS	DISTRIBUTION_ID	TOP_INSTANCE_SOURCE_ID
KNTA_REPORT_SUBMISSIONS	REPORT_SUBMISSION_ID	TOP_INSTANCE_SOURCE_ID
KCRT_REQUESTS	REQUEST_ID	TOP_INSTANCE_SOURCE_SET_ID
KDLV_PACKAGES	PACKAGE_ID	TOP_INSTANCE_SOURCE_SET_ID
KREL_DISTRIBUTIONS	DISTRIBUTION_ID	TOP_INSTANCE_SOURCE_SET_ID
KNTA_REPORT_SUBMISSIONS	REPORT_SUBMISSION_ID	TOP_INSTANCE_SOURCE_SET_ID
KCRT_REQUESTS	REQUEST_ID	CHILD_REQUEST_ID
KWFL_PENDING_EXEC_OBJECTS	BATCH_ID	EXECUTION_BATCH_ID
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	PARAMETER_SET_CONTEXT_ID
KNTA_SCHEDULED_TASKS	SCHEDULED_TASK_ID	SCHEDULED_TASK_ID
KWFL_PENDING_EXEC_OBJECTS	PENDING_EXEC_OBJECT_ID	PENDING_EXEC_OBJECT_ID
KWFL_WORKFLOWS	WORKFLOW_ID	WORKFLOW_ID
KWFL_WORKFLOW_INSTANCES	WORKFLOW_INSTANCE_ID	WORKFLOW_INSTANCE_ID

Primary Key Table	Primary Key Column	Foreign Key Column
KWFL_WORKFLOW_INSTANCE_STEPS	WORKFLOW_INSTANCE_STEP_ID	WORKFLOW_INSTANCE_STEP_ID
KWFL_WORKFLOW_STEPS	WORKFLOW_STEP_ID	WORKFLOW_STEP_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KENV_ENVIRONMENTS	ENVIRONMENT_ID	SOURCE_ENVIRONMENT_ID
KENV_ENVIRONMENTS	ENVIRONMENT_ID	DEST_ENVIRONMENT_ID
KDLV_PACKAGES	PACKAGE_ID	CHILD_PACKAGE_ID
KDLV_PACKAGE_LINES	PACKAGE_LINE_ID	INSTANCE_SOURCE_ID
KCRT_REQUESTS	REQUEST_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
KWFL_STEP_TRANSACTIONS	STEP_TRANSACTION_ID	INSTANCE_SOURCE_ID
KWFL_STEP_TRANSACTIONS	STEP_TRANSACTION_ID	INSTANCE_SOURCE_SET_ID
KREL_DISTRIBUTIONS	DISTRIBUTION_ID	INSTANCE_SOURCE_SET_ID
KREL_DISTRIBUTIONS	DISTRIBUTION_ID	INSTANCE_SOURCE_ID
KCRT_REQUESTS	REQUEST_ID	TOP_INSTANCE_SOURCE_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 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
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.

Column Name	Null?	Data Type	Description
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(120)	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", "REPORT" and "WORKFLOW", the value in this column is identical to that in INSTANCE_SOURCE_SET_ID.

Column Name	Null?	Data Type	Description
TOP_INSTANCE_SOURCE_TYPE_CODE	NOT NULL	VARCHAR2(120)	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.

Column Name	Null?	Data Type	Description
WORKFLOW_STEP_ID	NOT NULL	NUMBER	This denormalized column identifies the step in the workflow to which this transaction belongs.
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(120)	This specifies the current status of the step transaction. Choices are specified by the seeded lookup WF_TXN_STATUS.
RESET_FLAG	NOT NULL	VARCHAR2(4)	This flag marks whether this step transaction resulted in a reset in the workflow instance.
SUB_WORKFLOW_FLAG	NOT NULL	VARCHAR2(4)	This flag marks whether this step transaction record is for a subworkflow step.

Column Name	Null?	Data Type	Description
USER_COMMENT	NULLABLE	VARCHAR2(1600)	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(800)	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.
VISIBLE_RESULT_VALUE	NULLABLE	VARCHAR2(800)	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.

Column Name	Null?	Data Type	Description
ERROR_VALUE	NULLABLE	VARCHAR2(800)	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(800)	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(960)	If this step transaction completed in error, this holds the detailed information about the error.
USER_STATUS_VALUE	NULLABLE	VARCHAR2(800)	This is the NVL of RESULT_VALUE, ERROR_VALUE, and STATUS.

Column Name	Null?	Data Type	Description
VISIBLE_USER_STATUS_VALUE	NULLABLE	VARCHAR2(800)	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.
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.

Column Name	Null?	Data Type	Description
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.

Column Name	Null?	Data Type	Description
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.
SOURCE_TYPE_ CODE	NULLABLE	VARCHAR2(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULLABLE	VARCHAR2(400)	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(800)	Parameter set segment. This is used for command executions with parameters (i.e. ai_create_request).
VISIBLE_ PARAMETER1-25	NULLABLE	VARCHAR2(800)	Parameter set segment.

Indexes

Index Name	Index Type	Sequence	Column Name
KWFL_STEP_TRANSACTION_S_N1	NONUNIQUE	1	GROUP_ID
KWFL_STEP_TRANSACTION_S_N2	NONUNIQUE	1	WORKFLOW_INSTANCE_ID
KWFL_STEP_TRANSACTION_S_N2	NONUNIQUE	2	WORKFLOW_INSTANCE_STEP_ID
KWFL_STEP_TRANSACTION_S_N3	NONUNIQUE	1	TIMEOUT_DATE
KWFL_STEP_TRANSACTION_S_N3	NONUNIQUE	2	STATUS
KWFL_STEP_TRANSACTION_S_N5	NONUNIQUE	1	INSTANCE_SOURCE_SET_ID
KWFL_STEP_TRANSACTION_S_N6	NONUNIQUE	1	STATUS
KWFL_STEP_TRANSACTION_S_N7	NONUNIQUE	1	TOP_INSTANCE_SOURCE_ID
KWFL_STEP_TRANSACTION_S_N8	NONUNIQUE	1	TOP_INSTANCE_SOURCE_SET_ID
KWFL_STEP_TRANSACTION_S_U1	UNIQUE	1	STEP_TRANSACTION_ID

Sequences

Sequence Name	Sequence Type
KWFL_STEP_TRANSACTION_S	STEP_TRANSACTION_ID
KWFL_STEP_TRANSACTION_GROUPS_S	GROUP_ID

KWFL_STEP_TRANSACTION_HISTORY

A row is inserted into the KWFL_STEP_TRANSACTION_HISTORY 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	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
KNTA_USERS	USER_ID	CREATED_BY

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 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
STEP_TRANSACTION_ID	NOT NULL	NUMBER	This identifies the step transaction to which this history row belongs.

Column Name	Null?	Data Type	Description
WORKFLOW_INSTANCE_STEP_ID	NOT NULL	NUMBER	This identifies the instance of the step to which this transaction history row belongs.
WORKFLOW_INSTANCE_ID	NOT NULL	NUMBER	This identifies the instance of the workflow to which this transaction history row belongs.
STATUS	NOT NULL	VARCHAR2(120)	This gives the hidden status value of the step transaction at the time this history row was created.
USER_COMMENT	NULLABLE	VARCHAR2(960)	This gives the comments within the step transaction at the time this history row was created.
RESULT_VALUE	NULLABLE	VARCHAR2(800)	This gives the hidden result of the step transaction at the time this history row was created.
VISIBLE_RESULT_VALUE	NULLABLE	VARCHAR2(800)	This gives the displayed result of the step transaction at the time this history row was created.
ERROR_VALUE	NULLABLE	VARCHAR2(800)	This gives the hidden error value of the step transaction at the time this history row was created.

Column Name	Null?	Data Type	Description
VISIBLE_ ERROR_VALUE	NULLABLE	VARCHAR2(800)	This gives the displayed error value of the step transaction at the time this history row was created.
ERROR_ MESSAGE	NULLABLE	VARCHAR2(960)	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_TRANSITIONS

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
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KWFL_WORKFLOW_STEPS	WORKFLOW_STEP_ID	FROM_WORKFLOW_STEP_ID
KWFL_WORKFLOW_STEPS	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 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

Column Name	Null?	Data Type	Description
TRANSITION_ TYPE_CODE	NOT NULL	VARCHAR2(120)	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(120)	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(800)	A value that is defined by the validation.
VISIBLE_ RESULT_VALUE	NULLABLE	VARCHAR2(800)	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	The ID of the source workflow step.
TO_ WORKFLOW_ STEP_ID	NOT NULL	NUMBER	The ID of the target workflow step.

Column Name	Null?	Data Type	Description
DRAW_LABEL_POS	NULLABLE	VARCHAR2(120)	The 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(4000)	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(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULLABLE	VARCHAR2(400)	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(4)	Indicates whether the transition requires that the user enter a note

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

Sequences

Sequence Name	Sequence Type
KWFL_STEP_TRANSITIONS_S	STEP_TRANSITION_ID

KWFL_STEP_TRANSITIONS_INT

This table is used to migrate the workflow definition between instances.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KWFL_WORKFLOW_STEPS	WORKFLOW_STEP_ID	DEST_FROM_WORKFLOW_STEP_ID
KWFL_WORKFLOW_STEPS	WORKFLOW_STEP_ID	DEST_TO_WORKFLOW_STEP_ID
KWFL_TRANSACTIONS_INT	TRANSACTION_ID	PARENT_TRANSACTION_ID

Column Descriptions

Column Name	Null?	Data Type	Description
TRANSACTION_ID	NOT NULL	NUMBER	System-generated identifier
PARENT_TRANSACTION_ID	NOT NULL	NUMBER	The 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(4)	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

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_USERNAME	NULLABLE	VARCHAR2(800)	Username that creates the record
CREATION_DATE	NULLABLE	DATE	Date record was created
DEST_CREATED_BY	NULLABLE	NUMBER	Identifier for the user that created the record
DEST_CREATION_DATE	NULLABLE	DATE	Date record was created
DEST_LAST_UPDATED_BY	NULLABLE	NUMBER	Identifier for the user that 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(120)	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(120)	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(800)	A value that is defined by the validation.
VISIBLE_RESULT_VALUE	NULLABLE	VARCHAR2(800)	A value that is defined by the validation. This is the value that is shown to the user.
FROM_WORKFLOW_STEP_ID	NULLABLE	NUMBER	The ID of the source workflow step.
FROM_WORKFLOW_STEP_NAME	NULLABLE	VARCHAR2(320)	The name of the source workflow step.
DEST_FROM_WORKFLOW_STEP_ID	NULLABLE	NUMBER	The ID of the source workflow step in destination
TO_WORKFLOW_STEP_ID	NULLABLE	NUMBER	The ID of the target workflow step.
TO_WORKFLOW_STEP_NAME	NULLABLE	VARCHAR2(320)	The name of the target workflow step.
DEST_TO_WORKFLOW_STEP_ID	NULLABLE	NUMBER	The ID of the target workflow step in destination

Column Name	Null?	Data Type	Description
DRAW_LABEL_POS	NULLABLE	VARCHAR2(120)	The 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(4000)	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(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULLABLE	VARCHAR2(400)	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 does not use any 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
KDLV_PACKAGE_LINES	PACKAGE_LINE_ID	INSTANCE_SOURCE_ID
KCRT_REQUESTS	REQUEST_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_WORKFLOW_STEPS	WORKFLOW_STEP_ID	TO_WORKFLOW_STEP_ID
KWFL_WORKFLOWS	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	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(800)	User that created the record.
CREATED_BY	NULLABLE	NUMBER	Identifier for the user that created the record
LAST_UPDATE_DATE	NULLABLE	DATE	Date record was last updated
LAST_UPDATED_USERNAME	NOT NULL	VARCHAR2(800)	User that last updated the record.
LAST_UPDATED_BY	NULLABLE	NUMBER	Identifier for the user that last updated the record
EVENT	NOT NULL	VARCHAR2(160)	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 (e.g., In Progress, Error, etc.)
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(120)	Internal use only.

Column Name	Null?	Data Type	Description
SOURCE	NULLABLE	VARCHAR2(400)	A alpha-numeric string can be provided to indicate a group of records that need to be processed.
INSTANCE_ SOURCE_TYPE_ CODE	NULLABLE	VARCHAR2(120)	Describes the product that the interface is invoked on. Typically internal use only.
INSTANCE_ SOURCE_SET_ NUMBER	NULLABLE	VARCHAR2(160)	Describes the source set number (e.g., request number, package number, etc.)
INSTANCE_ SOURCE_SET_ID	NULLABLE	NUMBER	Identifier for the source set (e.g., request id, package id, etc.)
INSTANCE_ SOURCE_LINE_ SEQ	NULLABLE	NUMBER	Line sequence number for the package lines.
INSTANCE_ SOURCE_ID	NULLABLE	NUMBER	Identifier for the source line (e.g., package line id, etc)
WORKFLOW_ STEP_NAME	NULLABLE	VARCHAR2(320)	Step name of the workflow that needs to be processed.
WORKFLOW_ STEP_SEQ	NULLABLE	VARCHAR2(120)	Step sequence of the workflow that needs to be processed
RESULT_VALUE	NULLABLE	VARCHAR2(800)	Hidden result value of the workflow transaction that user is initiating.
VISIBLE_ RESULT_VALUE	NULLABLE	VARCHAR2(800)	Visible result value of the workflow transaction that user is initiating.

Column Name	Null?	Data Type	Description
USER_COMMENTS	NULLABLE	VARCHAR2(800)	Comments that the user wants to attach to the notes field while processing the transaction.
DELEGATED_TO_USERNAME	NULLABLE	VARCHAR2(800)	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
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(120)	Internal use only
EVENT_GROUP_ID	NULLABLE	NUMBER	Internal use only
CMD_EXECUTION_SCHD_TASK_ID	NULLABLE	NUMBER	Internal use only

Column Name	Null?	Data Type	Description
TO_ WORKFLOW_ STEP_SEQ	NULLABLE	VARCHAR2(120)	In case of force transition event, this describes the workflow step sequence to transition to.
TO_ WORKFLOW_ STEP_NAME	NULLABLE	VARCHAR2(320)	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.

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
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

Index Name	Index Type	Sequence	Column Name
KWFL_ TRANSACTIONS_ INT_U1	UNIQUE	1	TRANSACTION_ ID

Sequences

This table does not use any Sequences.

KWFL_TRANSITION_TRANSACTIONS

A row is inserted into the KWFL_TRANSITION_TRANSACTIONS 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
KWFL_WORKFLOW_INSTANCES	WORKFLOW_INSTANCE_ID	WORKFLOW_INSTANCE_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KWFL_STEP_TRANSACTIONS	STEP_TRANSACTION_ID	FROM_STEP_TRANSACTION_ID
KWFL_WORKFLOW_STEPS	WORKFLOW_STEP_ID	TO_WORKFLOW_STEP_ID
KWFL_WORKFLOW_INSTANCE_STEPS	WORKFLOW_INSTANCE_STEP_ID	TO_WORKFLOW_INSTANCE_STEP_ID
KWFL_STEP_TRANSACTIONS	STEP_TRANSACTION_ID	TO_STEP_TRANSACTION_ID
KWFL_STEP_TRANSACTIONS	STEP_TRANSACTION_ID	RESET_STEP_TRANSACTION_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 that 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 that last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
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.

Column Name	Null?	Data Type	Description
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_TRANSITION_TRANSACTIONS_S	TRANSITION_TRANSACTION_ID
KWFL_COMPLETION_GROUP_ID_S	COMPLETION_GROUP_ID

KWFL_VERIFICATION_TEMP

This table is used to store 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	STEP_TRANSITION_ID	STEP_TRANSITION_ID
KWFL_WORKFLOW_STEPS	WORKFLOW_STEP_ID	WORKFLOW_STEP_ID

Column Descriptions

Column Name	Null?	Data Type	Description
WORKFLOW_ID	NOT NULL	NUMBER	The unique identifier for the workflow being verified
ERROR_TYPE_CODE	NOT NULL	VARCHAR2(120)	One of "Error" or "Warning"
ERROR_CATEGORY_CODE	NOT NULL	VARCHAR2(120)	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(800)	The error message

Indexes

Index Name	Index Type	Sequence	Column Name
KWFL_VERIFICATION_TEMP_N1	NONUNIQUE	1	WORKFLOW_ID

Sequences

This table does not use any Sequences.

KWFL_WORKFLOWS

This table contains 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
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
KWFL_WORKFLOW_STEPS	WORKFLOW_STEP_ID	FIRST_WORKFLOW_STEP_ID
KNTA_VALIDATIONS	VALIDATION_ID	RESULT_VALIDATION_ID
KWFL_WORKFLOW_STEPS	WORKFLOW_STEP_ID	REOPEN_STEP_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 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
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
WORKFLOW_NAME	NOT NULL	VARCHAR2(600)	The name of the workflow

Column Name	Null?	Data Type	Description
DESCRIPTION	NULLABLE	VARCHAR2(960)	The description of the workflow
PRODUCT_SCOPE_CODE	NOT NULL	VARCHAR2(120)	Either 'AI' for Deliver, 'RI' for Create or 'ALL' for all
FIRST_WORKFLOW_STEP_ID	NULLABLE	NUMBER	The id of the workflow step that will be enabled when the workflow is instantiated
REOPEN_STEP_ID	NULLABLE	NUMBER	The id of the workflow step that will be enabled when the workflow is reopened
RESTRICT_OBJECTS_FLAG	NULLABLE	VARCHAR2(4)	When set to 'Y', all new object types are restricted from this workflow
FORCE_APP_CODE_FLAG	NOT NULL	VARCHAR2(4)	If 'Y', Forces the user to select an appcode for the object when adding a Request line.
RESTRICT_WORKFLOWS_FLAG	NULLABLE	VARCHAR2(4)	When set to 'Y', all new workflows are restricted from this workflow
ENABLED_FLAG	NOT NULL	VARCHAR2(4)	Only enabled workflows can be used for new issues or change requests
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)

Column Name	Null?	Data Type	Description
SOURCE	NULLABLE	VARCHAR2(400)	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(800)	User data segment
VISIBLE_USER_DATA1-20	NULLABLE	VARCHAR2(800)	User data segment
SUB_WORKFLOW_FLAG	NOT NULL	VARCHAR2(4)	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(320)	In case of subworkflows, the subworkflow step will be displayed with this icon.
USE_IN_RELEASE_DIST_FLAG	NOT NULL	VARCHAR2(4)	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).

Column Name	Null?	Data Type	Description
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(4)	When set to 'Y', all new request types are restricted from this workflow

Indexes

Index Name	Index Type	Sequence	Column Name
KWFL_ WORKFLOWS_ U1	UNIQUE	1	WORKFLOW_ID
KWFL_ WORKFLOWS_ U2	UNIQUE	1	WORKFLOW_ NAME

Sequences

Sequence Name	Sequence Type
KWFL_ WORKFLOWS_S	WORKFLOW_ID

KWFL_WORKFLOW_COMMANDS

This table is used to store 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	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_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 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
WORKFLOW_COMMAND_CODE	NOT NULL	VARCHAR2(120)	The command code to be fired by the workflow engine.
ENABLED_FLAG	NOT NULL	VARCHAR2(4)	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 does not use any Sequences.

KWFL_WORKFLOW_INSTANCES

KWFL_WORKFLOW_INSTANCES contains 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
KWFL_WORKFLOWS	WORKFLOW_ID	WORKFLOW_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KCRT_REQUESTS	REQUEST_ID	INSTANCE_SOURCE_SET_ID
KCRT_REQUESTS	REQUEST_ID	INSTANCE_SOURCE_ID
KDLV_PACKAGE_LINES	PACKAGE_LINE_ID	INSTANCE_SOURCE_ID
KDLV_PACKAGES	PACKAGE_ID	INSTANCE_SOURCE_SET_ID
KREL_DISTRIBUTIONS	DISTRIBUTION_ID	INSTANCE_SOURCE_ID
KWFL_STEP_TRANSACTIONS	STEP_TRANSACTION_ID	INSTANCE_SOURCE_ID
KREL_DISTRIBUTIONS	DISTRIBUTION_ID	INSTANCE_SOURCE_SET_ID
KWFL_STEP_TRANSACTIONS	STEP_TRANSACTION_ID	INSTANCE_SOURCE_SET_ID
KCRT_REQUESTS	REQUEST_ID	TOP_INSTANCE_SOURCE_SET_ID
KDLV_PACKAGES	PACKAGE_ID	TOP_INSTANCE_SOURCE_SET_ID
KREL_DISTRIBUTIONS	DISTRIBUTION_ID	TOP_INSTANCE_SOURCE_SET_ID
KCRT_REQUESTS	REQUEST_ID	TOP_INSTANCE_SOURCE_ID
KDLV_PACKAGE_LINES	PACKAGE_LINE_ID	TOP_INSTANCE_SOURCE_ID

Primary Key Table	Primary Key Column	Foreign Key Column
KREL_DISTRIBUTIONS	DISTRIBUTION_ID	TOP_INSTANCE_SOURCE_ID
KNTA_REPORT_SUBMISSIONS	REPORT_SUBMISSION_ID	TOP_INSTANCE_SOURCE_ID
KNTA_REPORT_SUBMISSIONS	REPORT_SUBMISSION_ID	TOP_INSTANCE_SOURCE_SET_ID
KNTA_REPORT_SUBMISSIONS	REPORT_SUBMISSION_ID	INSTANCE_SOURCE_ID
KNTA_REPORT_SUBMISSIONS	REPORT_SUBMISSION_ID	INSTANCE_SOURCE_SET_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 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
WORKFLOW_ID	NOT NULL	NUMBER	The id of the workflow that serves as the reference for this instance

Column Name	Null?	Data Type	Description
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(120)	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.

Column Name	Null?	Data Type	Description
TOP_INSTANCE_SOURCE_TYPE_CODE	NOT NULL	VARCHAR2(120)	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.
INSTANCE_NAME	NULLABLE	VARCHAR2(120)	Not currently used

Column Name	Null?	Data Type	Description
STATUS	NULLABLE	VARCHAR2(120)	The current status of the entity within the workflow instance
COMPLETION_DATE	NULLABLE	DATE	The timestamp on which a close step was reached in the workflow instance
CURRENT_FLAG	NOT NULL	VARCHAR2(4)	Indicates whether or not 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

Index Name	Index Type	Sequence	Column Name
KWFL_ WORKFLOW_ INSTANCES_N5	NONUNIQUE	3	TOP_INSTANCE_ SOURCE_ID
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_INSTANCE_PARMS

This table contains 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
KWFL_WORKFLOW_INSTANCES	WORKFLOW_INSTANCE_ID	WORKFLOW_INSTANCE_ID
KWFL_WORKFLOW_PARAMETERS	WORKFLOW_PARAMETER_ID	WORKFLOW_PARAMETER_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

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 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
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(800)	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(800)	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_PARAMS_S	INSTANCE_PARAMETER_ID

KWFL_WORKFLOW_INSTANCE_STEPS

This table contains 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, etc) of each step in the instance.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KWFL_WORKFLOWS	WORKFLOW_ID	WORKFLOW_ID
KWFL_WORKFLOW_INSTANCES	WORKFLOW_INSTANCE_ID	WORKFLOW_INSTANCE_ID
KWFL_WORKFLOW_STEPS	WORKFLOW_STEP_ID	WORKFLOW_STEP_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KWFL_STEP_TRANSACTIONS	STEP_TRANSACTION_ID	CURRENT_STEP_TRANSACTION_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 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

Column Name	Null?	Data Type	Description
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
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(4)	Indicates whether the step is active or not. A step is active if it is pending some sort of action (e.g. if the step is eligible, or has not completed its outbound transition)
WORKFLOW_STEP_ID_PATH	NULLABLE	VARCHAR2(800)	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
KWFL_ WORKFLOW_ INSTANCE_ STEP_U1	UNIQUE	1	WORKFLOW_ INSTANCE_ STEP_ID

Sequences

Sequence Name	Sequence Type
KWFL_ WORKFLOW_ INSTANCE_ STEPS_S	WORKFLOW_ INSTANCE_ STEP_ID

KWFL_WORKFLOW_PARAMETERS

This table contains 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_VALIDATIONS	VALIDATION_ID	VALIDATION_ID
KWFL_WORKFLOWS	WORKFLOW_ID	WORKFLOW_ID
KNTA_USERS	USER_ID	CREATED_BY
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 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
WORKFLOW_ID	NOT NULL	NUMBER	The ID of the containing workflow
PROMPT_NAME	NOT NULL	VARCHAR2(120)	Descriptive name as shown in the GUI
TOKEN_NAME	NOT NULL	VARCHAR2(120)	The name of the token in all-upper-case and not including the brackets.

Column Name	Null?	Data Type	Description
DESCRIPTION	NULLABLE	VARCHAR2(960)	The description of the parameter
VALIDATION_ID	NOT NULL	NUMBER	Currently not used
DEFAULT_VALUE	NULLABLE	VARCHAR2(800)	The default value
VISIBLE_DEFAULT_VALUE	NULLABLE	VARCHAR2(800)	Same as DEFAULT_VALUE
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULLABLE	VARCHAR2(400)	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_WORKFLOW_PARAMETERS_N1	NONUNIQUE	1	WORKFLOW_ID
KWFL_WORKFLOW_PARAMETERS_U1	UNIQUE	1	WORKFLOW_PARAMETER_ID

Sequences

Sequence Name	Sequence Type
KWFL_WORKFLOW_PARAMETERS_S	WORKFLOW_PARAMETER_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 Create) or for a Package (for Deliver).

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KENV_ENVIRONMENTS	ENVIRONMENT_ID	DEST_ENVIRONMENT_ID
KWFL_APPROVALS	APPROVAL_ID	STEP_SOURCE_ID
KWFL_CONDITIONS	CONDITION_ID	STEP_SOURCE_ID
KWFL_EXECUTIONS	EXECUTION_ID	STEP_SOURCE_ID
KWFL_WORKFLOWS	WORKFLOW_ID	STEP_SOURCE_ID
KENV_ENV_GROUPS	ENV_GROUP_ID	DEST_ENV_GROUP_ID
KENV_ENV_GROUPS	ENV_GROUP_ID	SOURCE_ENV_GROUP_ID
KWFL_VERIFICATION_TEMP	WORKFLOW_ID	WORKFLOW_ID
KWFL_WORKFLOWS	WORKFLOW_ID	WORKFLOW_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
KWFL_WORKFLOW_PARAMETERS	WORKFLOW_PARAMETER_ID	RESULT_WORKFLOW_PARAMETER_ID

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	PARENT_ASSIGNED_TO_USER_ID
KNTA_SECURITY_GROUPS	SECURITY_GROUP_ID	PARENT_ASSIGNED_TO_GROUP_ID
KENV_ENVIRONMENTS	ENVIRONMENT_ID	SOURCE_ENVIRONMENT_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 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
WORKFLOW_ID	NOT NULL	NUMBER	The workflow id of the containing workflow
STEP_TYPE_CODE	NOT NULL	VARCHAR2(120)	Defined by lookup STEP_TYPE ('APPROVAL', 'CONDITION', 'EXECUTION', or 'WORKFLOW')
STEP_SOURCE_ID	NULLABLE	NUMBER	The ID of the approval, condition, execution, or workflow.
RESULT_WORKFLOW_PARAMETER_ID	NULLABLE	NUMBER	The ID of the workflow parameter where the result is stored into

Column Name	Null?	Data Type	Description
PRODUCT_ SCOPE_CODE	NOT NULL	VARCHAR2(120)	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
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(120)	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(4)	When 'Y' and the migrated object is an AOL object type, Object*Migrator will archive the object

Column Name	Null?	Data Type	Description
AVERAGE_ LEAD_TIME	NULLABLE	NUMBER	In days. Purely informational
STEP_NAME	NOT NULL	VARCHAR2(320)	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(120)	Defines the label for the jump and receive steps. Jump/Receive can be performed if the steps have same label.
DESCRIPTION	NULLABLE	VARCHAR2(960)	The description of the workflow
INFORMATION_ URL	NULLABLE	VARCHAR2(800)	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.
REQUEST_ TYPE_LIST	NULLABLE	VARCHAR2(800)	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(320)	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.

Column Name	Null?	Data Type	Description
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(4)	Only enabled workflow steps can have incoming transitions.
DISPLAY_TYPE_CODE	NOT NULL	VARCHAR2(120)	Determines whether the step will be displayed always, never or on active only.
DRAW_CENTER_POS	NULLABLE	VARCHAR2(120)	X and Y coordinates of the workflow step icon when drawn by the workflow builder
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULLABLE	VARCHAR2(400)	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	The constant 1212
USER_DATA1-20	NULLABLE	VARCHAR2(800)	User data segment
VISIBLE_USER_DATA1-20	NULLABLE	VARCHAR2(800)	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(4)	When set to 'Y' a valid Release should be entered while taking action on this step.
STEP_TIMEOUT_TYPE	NULLABLE	VARCHAR2(200)	Timeout type. Could be a constant or token.
STEP_TIMEOUT_VALUE	NULLABLE	VARCHAR2(800)	Numeric value for timeout.
STEP_TIMEOUT_UNIT_CODE	NULLABLE	VARCHAR2(120)	Time out units. Could be minutes, hours, days, etc.
USE_SOURCE_TIMEOUT_FLAG	NOT NULL	VARCHAR2(4)	When this column is set to 'Y' the timeout properties of the step source is used.
ALLOWED_CHILD_PKG_WF_LIST	NULLABLE	VARCHAR2(800)	A KNTA_MULTI.Multi_Delimiter separated list of package workflow identifiers that are allowed to be chosen for packages spawned by this workflow step

Column Name	Null?	Data Type	Description
DEFAULT_ CHILD_PKG_WF_ ID	NULLABLE	NUMBER	The identifier for default package workflow to be chosen for packages spawned by this workflow step
DEFAULT_ CHILD_REQ_RT_ ID	NULLABLE	NUMBER	The 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
STEP_AUTH_ TYPE_CODE	NOT NULL	VARCHAR2(120)	Indicate the type of authorization is required for this creation step

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
KWFL_ WORKFLOW_ STEPS_U1	UNIQUE	1	WORKFLOW_STEP_ID

Sequences

Sequence Name	Sequence Type
KWFL_ WORKFLOW_ STEPS_S	WORKFLOW_ STEP_ID

KWFL_WORKFLOW_STEPS_TEMP

This is a temporary table that stores information about workflow steps (especially copy/moving).

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_STEPS	WORKFLOW_STEP_ID	OLD_STEP_SOURCE_ID
KWFL_WORKFLOW_STEPS	WORKFLOW_STEP_ID	NEW_STEP_SOURCE_ID
KWFL_WORKFLOW_STEPS	WORKFLOW_STEP_ID	STEP_TYPE_CODE

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 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
STEP_TYPE_CODE	NOT NULL	VARCHAR2(120)	Unique identifier that identifies the type of workflow step
OLD_STEP_SOURCE_ID	NOT NULL	NUMBER	Identifier that uniquely identifies the source workflow step

Column Name	Null?	Data Type	Description
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 does not use any Sequences.

KWFL_WORKFLOW_STEP_SECURITY

Cross table between KWFL_WORKFLOW_STEPS and KNTA_SECURITY_GROUPS or KNTA_USERS. 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	SECURITY_GROUP_ID	SECURITY_GROUP_ID
KNTA_USERS	USER_ID	USER_ID
KWFL_WORKFLOW_STEPS	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 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
WORKFLOW_STEP_ID	NOT NULL	NUMBER	The workflow step ID
SECURITY_TYPE_CODE	NOT NULL	VARCHAR2(120)	The code of the type of security linked to this step

Column Name	Null?	Data Type	Description
SECURITY_GROUP_ID	NULLABLE	NUMBER	The security group ID of the security group linked as security to this step
USER_ID	NULLABLE	NUMBER	The user ID of the user linked as security to this step
TOKEN	NULLABLE	VARCHAR2(320)	The token linked as security to this step, this token resolves to one of these four values viz, 'Username', 'User Id', 'Security Group Name', 'Security Group Id'
TOKEN_TYPE_CODE	NULLABLE	VARCHAR2(120)	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(120)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULLABLE	VARCHAR2(400)	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

Column Name	Null?	Data Type	Description
EXCLUDE_FLAG	NOT NULL	VARCHAR2(4)	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
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

PM_EXCEPTION_RULE_RESULTS

This table contains 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_NOTIFICATION_DETAILS	NOTIF_DETAILS_ID	NOTIF_DETAILS_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(1020)	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.

Column Name	Null?	Data Type	Description
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column should 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(1020)	The name of the exception
EXCEPTION_SUB_TYPE	NULLABLE	VARCHAR2(1020)	Further classification of the exception type; e.g., SCHEDULE and COST
EXCEPTION_TYPE	NULLABLE	VARCHAR2(1020)	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 if this exception influences the health calculation
DESCRIPTION_TYPE	NULLABLE	VARCHAR2(1020)	Indicates the description for the exception
DETAILS	NULLABLE	VARCHAR2(1020)	A place where additional information can be stored
CREATED_BY	NOT NULL	NUMBER	Identifier for the user that 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 that last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
TARGET_TASK_ID	NULLABLE	NUMBER	Some exceptions (e.g., 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.
NOTIF_DETAILS_ID	NULLABLE	NUMBER	This column is no longer used

Indexes

Index Name	Index Type	Sequence	Column Name
FKC9BDF4258A8A928_I	NONUNIQUE	1	TARGET_TASK_ID
FKC9BDF425B2766237_I	NONUNIQUE	1	NEW_TASK_ID
SYS_C006118625	UNIQUE	1	EXCEPTION_RULE_RESULT_ID
SYS_C006118626	UNIQUE	1	NOTIF_DETAILS_ID

Sequences

Sequence Name	Sequence Type
PM_EXCEPTION_ RULE_RESULTS_ S	EXCEPTION_ RULE_RESULT_ ID

PM_INDICATOR_POLICIES

This table is not currently in use.

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(4)	not in use.
INDICATOR_TYPE_CODE	NOT NULL	NUMBER	not in use.

Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C006118629	UNIQUE	1	PROJECT_TYPE_ID
SYS_C006118629	UNIQUE	2	INDICATOR_TYPE_CODE

Sequences

This table does not use any Sequences.

PM_PROGRAM_BUSINESS_OBJECTIVES

Internal table which defines one to many relationship between program to business objective

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KPMO_BUSINESS_OBJECTIVES	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_C006118632	UNIQUE	1	PROGRAM_ID
SYS_C006118632	UNIQUE	2	BUSINESS_OBJECTIVE_SEQ

Sequences

This table does not use any Sequences.

PM_PROGRAM MANAGERS

Table which holds 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_C006118635	UNIQUE	1	PROGRAM_ID
SYS_C006118635	UNIQUE	2	PROGRAM_MANAGER_USER_ID

Sequences

This table does not use any Sequences.

PM_PROGRAM_PROJECTS

Table which holds list of projects associated with the program

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PM_PROJECTS	PROJECT_ID	PROJECT_ID

Column Descriptions

Column Name	Null?	Data Type	Description
PROJECT_CONTAINER_ID	NOT NULL	NUMBER	System-generated identifier
PROJECT_ID	NOT NULL	NUMBER	Defines the id of the project which associated with program

Indexes

Index Name	Index Type	Sequence	Column Name
FKDA00ADD7EE676123_I	NONUNIQUE	1	PROJECT_ID
SYS_C006118638	UNIQUE	1	PROJECT_CONTAINER_ID
SYS_C006118638	UNIQUE	2	PROJECT_ID

Sequences

This table does not use any Sequences.

PM_PROJECTS

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	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 should not be updated manually
ROLLUP_ID	NULLABLE	NUMBER	Provides foreign key reference to pm_project_rollup table.
PROJECT_NAME	NULLABLE	VARCHAR2(1200)	Stores the name of the project record.
DESCRIPTION	NULLABLE	VARCHAR2(2600)	Stores the description of the project record.

Column Name	Null?	Data Type	Description
ASSOCIATED_MSP_PROJECT	NULLABLE	VARCHAR2(1020)	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.
START_DATE_PERIOD	NULLABLE	NUMBER	Provides start period of the project. It is a foreign key reference to period_id of knta_periods table.
FINISH_DATE_PERIOD	NULLABLE	NUMBER	Provides end period of the project. It is a foreign key reference to period_id of knta_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.

Column Name	Null?	Data Type	Description
DISPLAY_STATUS	NULLABLE	VARCHAR2(1020)	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 should 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.
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 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

Indexes

Index Name	Index Type	Sequence	Column Name
FKF131A87C505B B933_I	NONUNIQUE	1	REGION_ID
FKF131A87C7136 8172_I	NONUNIQUE	1	PROJECT_ MANAGER
FKF131A87C7BE DDFF2_I	NONUNIQUE	1	PROJECT_ ACCESS_ID
FKF131A87C802E 73E_I	NONUNIQUE	1	FINISH_DATE_ PERIOD
FKF131A87C88B8 FB3A_I	NONUNIQUE	1	PROJECT_TYPE_ ID
FKF131A87CA35 BE08D_I	NONUNIQUE	1	START_DATE_ PERIOD
FKF131A87CD27 6E4C3_I	NONUNIQUE	1	PROJECT_ COST_ACCESS_ ID
PM_PROJECTS_ N1	NONUNIQUE	1	PFM_REQUEST_ ID
PM_PROJECTS_ N2	NONUNIQUE	1	ASSOCIATED_ MSP_PROJECT
SYS_C006118645	UNIQUE	1	PROJECT_ID
SYS_C006118646	UNIQUE	1	ROLLUP_ID
SYS_C006118647	UNIQUE	1	PROJECT_NAME

Sequences

Sequence Name	Sequence Type
PM_PROJECTS_ S	PROJECT_ID

PM_PROJECTS_CONTAINERS

Table hold hierarchy of the entities which can hold projects as their children.
For now it can be Program or Portfolio

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	LAST_UPDATED_BY
PM_PROJECTS_CONTAINERS	PARENT_PROJECTS_CONTAINER_ID	PARENT_PROJECTS_CONTAINER_ID
ITG_SECURABLE_ENTITIES	SECURABLE_ENTITY_ID	PROGRAM_ACCESS_ID
KNTA_USERS	USER_ID	CREATED_BY
ITG_SECURABLE_ENTITIES	SECURABLE_ENTITY_ID	PROGRAM_COST_ACCESS_ID

Column Descriptions

Column Name	Null?	Data Type	Description
PROJECTS_CONTAINER_ID	NOT NULL	NUMBER	System-generated identifier
ENTITY_TYPE_CODE	NOT NULL	VARCHAR2(1020)	Identifies type of the entity. Can be PROGRAM or PORTFOLIO
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column should not be updated manually
PARENT_PROJECTS_CONTAINER_ID	NULLABLE	NUMBER	Identifies parent entity for the current row
CONTAINER_NAME	NULLABLE	VARCHAR2(1020)	Defines name of the entity
DEPTH	NULLABLE	NUMBER	Defines depth of the entity in the hierarchy

Column Name	Null?	Data Type	Description
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
DESCRIPTION	NULLABLE	VARCHAR2(2600)	Defines description of the entity
PORTFOLIO	NULLABLE	VARCHAR2(1020)	Not user
USER_DATA1-20	NULLABLE	VARCHAR2(1020)	User data segment
VISIBLE_USER_DATA1-20	NULLABLE	VARCHAR2(1020)	User data segment
STATUS_NOTES	NULLABLE	VARCHAR2(4000)	Provides notes for the status of the program
BENEFIT	NULLABLE	VARCHAR2(1020)	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(128)	Defines key in the ITG_SETTINGS_CONTAINER table
ISSUES_HEALTH	NULLABLE	VARCHAR2(40)	Indicates issue health of the program
RISK_HEALTH	NULLABLE	VARCHAR2(40)	Indicates risk health of the program
SCOPE_CHANGE_HEALTH	NULLABLE	VARCHAR2(40)	Indicates scope change health of the program
PROGRAM_ACCESS_ID	NULLABLE	NUMBER	Defines access rights to the program. FK to itg_securable_entities

Column Name	Null?	Data Type	Description
PROGRAM_ COST_ACCESS_ ID	NULLABLE	NUMBER	Defines access rights to the cost ionformation in the program. FK to itg_securable_entities
CHILD_SEQ	NULLABLE	NUMBER	Internal value. Indicates index of the entity in the parent list

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_C006118655	UNIQUE	1	PROJECTS_CONTAINER_ID

Sequences

This table does not use any 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	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_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 should not be updated manually
SCHEDULE_HEALTH_INDICATOR	NULLABLE	VARCHAR2(1020)	Stores project schedule health information.
OVERRIDE_DATE	NULLABLE	DATE	Stores date the project health was overridden.
OVERRIDE_DESCRIPTION	NULLABLE	VARCHAR2(3000)	Stores the description for overriding the project health.
OVERALL_HEALTH_INDICATOR	NULLABLE	VARCHAR2(1020)	Stores the overall health information for the project.
COST_HEALTH_INDICATOR	NULLABLE	VARCHAR2(1020)	Stores the cost health information for the project.
BUDGET_OVERRUN	NULLABLE	FLOAT	Stores the project budget overrun information.
ISSUE_HEALTH_INDICATOR	NULLABLE	VARCHAR2(1020)	Stores the project health information.

Column Name	Null?	Data Type	Description
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

Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C006118663	UNIQUE	1	ROLLUP_ID

Sequences

Sequence Name	Sequence Type
PM_PROJECT_ROLLUP_S	ROLLUP_ID

PM_PROJECT_TYPES

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	REQUEST_TYPE_ID	ISSUE_REQUEST_TYPE_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
PM_PROGRAM_PROJECTS	PROJECT_CONTAINER_ID	PROJECT_CONTAINER_ID
PM_PROJECTS	PROJECT_ID	PROJECT_ID
KCRT_REQUEST_TYPES	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 should not be updated manually

Column Name	Null?	Data Type	Description
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.
PROJECT_TYPE_NAME	NULLABLE	VARCHAR2(1020)	Name of the project type.
DESCRIPTION	NULLABLE	VARCHAR2(2600)	Description of the project type.
ENABLED_FLAG	NULLABLE	VARCHAR2(4)	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(1020)	Stores request type name. It references the request_type_name of KCRT_REQUEST_TYPES.

Column Name	Null?	Data Type	Description
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(1020)	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(1020)	Stores the risk request type name. It references the request_type_name of KCRT_REQUEST_TYPES.
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(1020)	Stores the scope change request type name. It references the request_type_name of KCRT_REQUEST_TYPES.

Column Name	Null?	Data Type	Description
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(4)	Not currently used.
PT_SETTINGS_KEY	NULLABLE	NUMBER	Stores the foreign key to itg_settings_containers table.
CONTEXT_PATH	NULLABLE	VARCHAR2(1020)	Stores unique name of itg containers.
SOURCE	NULLABLE	VARCHAR2(1020)	It is not currently used.
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(1020)	It is not currently used.
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

Column Name	Null?	Data Type	Description
PROJECT_CONTAINER_ID	NULLABLE	NUMBER	It is not currently used.
ALLOWED_PROJECT_TYPES_SEQ	NULLABLE	NUMBER	It is not currently used.

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
FK8BAAB111A85CA660_I	NONUNIQUE	1	RESOURCE_POOL_ID
FK8BAAB111B7D70E86_I	NONUNIQUE	1	WORKPLAN_TEMPLATE_ID
FK8BAAB111C009AE93_I	NONUNIQUE	1	PROJECT_CONTAINER_ID
FK8BAAB111EE676123_I	NONUNIQUE	1	PROJECT_ID
PM_PROJECT_TYPES_N1	NONUNIQUE	1	SOURCE_ID
PM_PROJECT_TYPES_N2	NONUNIQUE	1	PROJECT_TYPE_NAME
SYS_C006118670	UNIQUE	1	PROJECT_TYPE_ID

Sequences

Sequence Name	Sequence Type
PM_PROJECT_TYPES_S	PROJECT_TYPE_ID

PM_PROJECT_TYPE_CUSTOM_FIELDS

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_C006118673	UNIQUE	1	PROJECT_TYPE_ID
SYS_C006118673	UNIQUE	2	TYPE

Sequences

This table does not use any Sequences.

PM_SYNCHED_FIELDS

This table is used to indicate the MSP fields that needs to be synced with PPM

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(4)	Indicates whether the MSP field needs to be synced
FIELD_TYPE	NOT NULL	NUMBER	The index within the list of fields

Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C006118684	UNIQUE	1	PROJECT_TYPE_ID
SYS_C006118684	UNIQUE	2	FIELD_TYPE

Sequences

This table does not use any Sequences.

PM_TASK_NOTIFICATION_SETUPS

This table represents the notification definitions 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_NOTIFICATION_SETUP_ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column should not be updated manually
NOTIFY_IF_LATE_FLAG	NULLABLE	VARCHAR2(4)	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.

Column Name	Null?	Data Type	Description
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
NOTIFY_ON_EXCEPTION_FLAG	NULLABLE	VARCHAR2(4)	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(4)	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(4)	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.

Column Name	Null?	Data Type	Description
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(4)	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(1020)	Specifies the source of the information. This information is not validated during an import. For example the name of the third part application.
SOURCE_TYPE_CODE	NULLABLE	VARCHAR2(1020)	Specifies the type of external update. This should be a specific interface or migrator name.

Column Name	Null?	Data Type	Description
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

Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C006118691	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 represents 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
KNTA_SECURITY_GROUPS	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_C006118695	UNIQUE	1	TASK_NOTIFICATION_SETUP_ID
SYS_C006118695	UNIQUE	2	SEQ

Sequences

This table does not use any Sequences.

PM_TASK_NS_EXCEPTION_RSCS

This table represents 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

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_C006118699	UNIQUE	1	TASK_NOTIFICATION_SETUP_ID
SYS_C006118699	UNIQUE	2	SEQ

Sequences

This table does not use any Sequences.

PM_TASK_NS_EXCP_PARTICIPANTS

This table represents the recipients for the "task has exception" notification. The recipients are the members of the chosen participant group(s).

Foreign Keys

This table does not have any Foreign Keys.

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_C006118702	UNIQUE	1	TASK_NOTIFICATION_SETUP_ID
SYS_C006118702	UNIQUE	2	SEQ

Sequences

This table does not use any Sequences.

PM_TASK_NS_LATE_GROUPS

This table represents 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	SECURITY_GROUP_ID	SECURITY_GROUP_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_C006118706	UNIQUE	1	TASK_NOTIFICATION_SETUP_ID
SYS_C006118706	UNIQUE	2	SEQ

Sequences

This table does not use any Sequences.

PM_TASK_NS_LATE_PARTICIPANTS

This table represents the recipients for the "task running late" notification. The recipients are the members of the chosen participant group(s).

Foreign Keys

This table does not have any Foreign Keys.

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_C006118709	UNIQUE	1	TASK_NOTIFICATION_SETUP_ID
SYS_C006118709	UNIQUE	2	SEQ

Sequences

This table does not use any Sequences.

PM_TASK_NS_LATE_RSCS

This table represents 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

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
FK933D2928E34A 13C9_I	NONUNIQUE	1	RESOURCE_ USER_ID
SYS_C006118713	UNIQUE	1	TASK_ NOTIFICATION_ SETUP_ID
SYS_C006118713	UNIQUE	2	SEQ

Sequences

This table does not use any Sequences.

PM_TASK_NS_MILESTONE_GROUPS

This table represents 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	SECURITY_GROUP_ID	NOTIFY_ON_MS_SGS

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_C006118717	UNIQUE	1	TASK_NOTIFICATION_SETUP_ID
SYS_C006118717	UNIQUE	2	SEQ

Sequences

This table does not use any Sequences.

PM_TASK_NS_MILESTONE_RSCS

This table represents 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

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_C006118721	UNIQUE	1	TASK_NOTIFICATION_SETUP_ID
SYS_C006118721	UNIQUE	2	SEQ

Sequences

This table does not use any Sequences.

PM_TASK_NS_MS_PARTICIPANTS

This table represents the recipients for the "milestone is complete" notification. The recipients are the members of the chosen participant group(s).

Foreign Keys

This table does not have any Foreign Keys.

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_C006118724	UNIQUE	1	TASK_NOTIFICATION_SETUP_ID
SYS_C006118724	UNIQUE	2	SEQ

Sequences

This table does not use any Sequences.

PM_WORKPLAN_TEMPLATES

Stores work plan template entity information.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
ITG_SECURABLE_ENTITIES	SECURABLE_ENTITY_ID	TEMPLATE_USAGE_SECURABLE_ID
PM_WORK_PLANS	WORK_PLAN_ID	WORK_PLAN_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	CREATED_BY
ITG_SECURABLE_ENTITIES	SECURABLE_ENTITY_ID	TEMPLATE_ACCESS_SECURABLE_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 should not be updated manually
WORKPLAN_TEMPLATE_NAME	NULLABLE	VARCHAR2(1020)	Name of the work plan template.
IS_ENABLED_FLAG	NULLABLE	VARCHAR2(4)	Flag to indicate whether the work plan template is enabled.
DESCRIPTION	NULLABLE	VARCHAR2(1020)	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.

Column Name	Null?	Data Type	Description
TEMPLATE_ ACCESS_ SECURABLE_ID	NULLABLE	NUMBER	Stores template access information. It references securable_entity_id of the itg_securable_entities table.
SOURCE	NULLABLE	VARCHAR2(1020)	It is not currently in use.
SOURCE_TYPE_ CODE	NULLABLE	VARCHAR2(1020)	It is not currently in use.
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
TEMPLATE_ USAGE_ SECURABLE_ID	NULLABLE	NUMBER	Stores template usage information. It references securable_entity_id of the itg_securable_entities table.

Indexes

Index Name	Index Type	Sequence	Column Name
FK4272B47646E7 725B_I	NONUNIQUE	1	TEMPLATE_ ACCESS_ SECURABLE_ID
FK4272B476DDE 96832_I	NONUNIQUE	1	TEMPLATE_ USAGE_ SECURABLE_ID
SYS_C006118738	UNIQUE	1	WORKPLAN_ TEMPLATE_ID
SYS_C006118739	UNIQUE	1	WORKPLAN_ TEMPLATE_ NAME
SYS_C006118740	UNIQUE	1	WORK_PLAN_ID

Sequences

Sequence Name	Sequence Type
PM_WORKPLAN_ TEMPLATES_S	WORKPLAN_ TEMPLATE_ID

PM_WORK_PLANS

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(1020)	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 should not be updated manually
MASTER_WORK_PLAN_ID	NULLABLE	NUMBER	Stores the current baseline id if the entity is a baseline.

Column Name	Null?	Data Type	Description
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(1200)	Name of the work plan.
OWNER_USER_ID	NULLABLE	NUMBER	It is not currently used.
DESCRIPTION	NULLABLE	VARCHAR2(2600)	Description of the work plan.
IS_ACTIVE_FLAG	NULLABLE	VARCHAR2(4)	Indicates whether the current work plan is active or not.
OBSOLETE_FLAG	NULLABLE	VARCHAR2(4)	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(4)	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.

Column Name	Null?	Data Type	Description
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(1020)	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	Not currently used.
SOURCE	NULLABLE	VARCHAR2(1020)	Not currently used.
SOURCE_TYPE_ CODE	NULLABLE	VARCHAR2(1020)	Not currently used.
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
BASELINE_TYPE	NULLABLE	NUMBER	Used by baseline only. Indicates the baseline type.

Indexes

Index Name	Index Type	Sequence	Column Name
FKBF9E4B3EB1F FCD6E_I	NONUNIQUE	1	OWNER_USER_ 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

Index Name	Index Type	Sequence	Column Name
PM_WORK_PLANS_N4	NONUNIQUE	1	WORK_PLAN_NAME
SYS_C006118748	UNIQUE	1	WORK_PLAN_ID

Sequences

Sequence Name	Sequence Type
PM_WORK_PLANS_S	WORK_PLAN_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_C006118751	UNIQUE	1	WP_TEMPLATE_ID
SYS_C006118751	UNIQUE	2	MANAGER_USER_ID

Sequences

This table does not use any Sequences.

RSC_POSITIONS

RSC_POSITIONS holds 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
ITG_CALENDAR	CALENDAR_ID	DEF_VIEW_PERIODS_CALENDAR_ID
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 should not be updated manually
DEF_VIEW_PERIODS_CALENDAR_ID	NULLABLE	NUMBER	This is the foreign key to ITG_CALENDAR table. The calendar used by this position.
STATUS_CODE	NULLABLE	NUMBER	Indicates the Position's status. It is a code and it is then decoded in the application to meaningful words.

Column Name	Null?	Data Type	Description
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.
REQUESTED_BY	NULLABLE	NUMBER	The user who sent the position's unmet demand request.
RESOURCE_TYPE_CODE	NULLABLE	VARCHAR2(1020)	Indicates the type of resource needed by this position. Eg. Full time, Part time, Contractor, etc.
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(1020)	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.

Column Name	Null?	Data Type	Description
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_DATA1-20	NULLABLE	VARCHAR2(1020)	User data segment
VISIBLE_USER_DATA1-20	NULLABLE	VARCHAR2(1020)	User data segment
POSITION_COMMENT	NULLABLE	VARCHAR2(4000)	The text entered by the user who created/updated this position.
EXPENSE_TYPE	NULLABLE	VARCHAR2(1020)	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(1020)	Indicates the labor category. Eg. Employee, Contractor, etc.
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

Column Name	Null?	Data Type	Description
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.

Indexes

Index Name	Index Type	Sequence	Column Name
FK4C98D6AD1C1 523B3_I	NONUNIQUE	1	REQUESTED_BY
FK4C98D6AD26A E1775_I	NONUNIQUE	1	ROLE_ID
FK4C98D6AD3F9 006BA_I	NONUNIQUE	1	STAFFING_ PROFILE_ID
FK4C98D6AD7B5 DEE31_I	NONUNIQUE	1	DEF_VIEW_ PERIODS_ CALENDAR_ID
FK4C98D6ADA85 CA660_I	NONUNIQUE	1	RESOURCE_ POOL_ID
RSC_ POSITIONS_N1	NONUNIQUE	1	POSITION_NAME
SYS_C006118759	UNIQUE	1	POSITION_ID

Sequences

Sequence Name	Sequence Type
RSC_ POSITIONS_S	POSITION_ID

RSC_RESOURCES

RSC_RESOURCES table holds all the resources/users in the system. It has a one to one mapping to 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	SECURITY_GROUP_ID	BILLING_APPROVER_SEC_GRP_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
RSC_ROLES	ROLE_ID	PRIMARY_ROLE_ID
KNTA_SECURITY_GROUPS	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 should not be updated manually

Column Name	Null?	Data Type	Description
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
UNNAMED_LABEL	NULLABLE	VARCHAR2(1020)	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_DATA1-20	NULLABLE	VARCHAR2(1020)	User data segment
VISIBLE_USER_DATA1-20	NULLABLE	VARCHAR2(1020)	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.

Column Name	Null?	Data Type	Description
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(4)	Indicates if the time management is enabled for this resource.
TM_NOTIFS_ENABLED_FLAG	NULLABLE	VARCHAR2(4)	Indicates if this resource should receive time management notifications.

Column Name	Null?	Data Type	Description
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 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

Indexes

Index Name	Index Type	Sequence	Column Name
FK70A5086877EA 67CA_I	NONUNIQUE	1	TIME_SHEET_ APPROVER_ SEC_GRP_ID

Index Name	Index Type	Sequence	Column Name
FK70A508688506 C736_I	NONUNIQUE	1	TM_BILLING_ APPROVER_ID
FK70A50868A7D B71D8_I	NONUNIQUE	1	BILLING_ APPROVER_ SEC_GRP_ID
FK70A50868B943 00FA_I	NONUNIQUE	1	TM_APPROVER_ ID
FK70A50868C554 96FA_I	NONUNIQUE	1	USER_ID
FK70A50868EE71 21E7_I	NONUNIQUE	1	TIME_SHEET_ POLICY_ID
FK70A50868FA15 AA38_I	NONUNIQUE	1	PRIMARY_ROLE_ ID
RSC_ RESOURCES_N1	NONUNIQUE	1	MSP_UID
SYS_C006118766	UNIQUE	1	RESOURCE_ID

Sequences

This table does not use any Sequences.

RSC_RESOURCE_ASSIGNMENTS

RSC_RESOURCE_ASSIGNMENTS 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
ITG_CALENDAR	CALENDAR_ID	DEF_VIEW_ PERIODS_ CALENDAR_ID
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 should not be updated manually
DEF_VIEW_PERIODS_CALENDAR_ID	NULLABLE	NUMBER	This is a foreign key to ITG_CALENDARS table.

Column Name	Null?	Data Type	Description
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, etc.
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.
POSITION_ID	NULLABLE	NUMBER	This is the foreign key to RSC_POSITIONS table, and the position to which this assignment belongs to.

Column Name	Null?	Data Type	Description
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 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
POSITION_SEQ	NULLABLE	NUMBER	This is just the sequence used to order the assignments on the UI as they were created.

Indexes

Index Name	Index Type	Sequence	Column Name
FKA1F58E72317FE6AC_I	NONUNIQUE	1	DEF_VIEW_PERIODS_CALENDAR_ID
FKA1F58E72A1B1A5A3_I	NONUNIQUE	1	RESOURCE_ID
FKA1F58E72A85CA660_I	NONUNIQUE	1	RESOURCE_POOL_ID
FKA1F58E72D2FB4F95_I	NONUNIQUE	1	POSITION_ID
SYS_C006118773	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	CREATED_BY
KNTA_USERS	USER_ID	DELEGATED_TO_USER_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
RSC_RESOURCES	RESOURCE_ID	RESOURCE_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 should 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.

Column Name	Null?	Data Type	Description
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
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_C006118780	UNIQUE	1	RESOURCE_DELEGATION_ID

Sequences

Sequence Name	Sequence Type
RSC_RESOURCE_DELEGATIONS_S	RESOURCE_DELEGATION_ID

RSC_RESOURCE_POOLS

RSC_RESOURCE_POOLS table contains 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	LAST_UPDATED_BY
KRSC_ORG_UNITS	ORG_UNIT_ID	ORG_UNIT_ID
RSC_RESOURCE_POOLS	RESOURCE_POOL_ID	PARENT_RESOURCE_POOL_ID
KNTA_REGIONS	REGION_ID	REGION_ID
ITG_SECURABLE_ENTITIES	SECURABLE_ENTITY_ID	SECURABLE_ENTITY_ID
KNTA_USERS	USER_ID	CREATED_BY

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 should not be updated manually
RESOURCE_POOL_NAME	NOT NULL	VARCHAR2(1040)	The user entered name for the resource pool.
DESCRIPTION	NULLABLE	VARCHAR2(2600)	The user entered description for this resource pool.
USER_DATA1-20	NULLABLE	VARCHAR2(1020)	User data segment
VISIBLE_USER_DATA1-20	NULLABLE	VARCHAR2(1020)	User data segment

Column Name	Null?	Data Type	Description
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.
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(4)	Indicates if this is the system default resource pool.
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
RESOURCE_POOL_SEQ	NULLABLE	NUMBER	Used to order the resource pools as they are created for display purposes.

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_C006118789	UNIQUE	1	RESOURCE_POOL_ID
SYS_C006118790	UNIQUE	1	RESOURCE_POOL_NAME

Sequences

Sequence Name	Sequence Type
RSC_RESOURCE_POOLS_S	RESOURCE_POOL_ID

RSC_RESOURCE_POOL_MANAGERS

This is the association table between knta_users and rsc_resource_pools to support the many to many relationship between them. This table holds 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_C006118793	UNIQUE	1	RESOURCE_POOL_ID
SYS_C006118793	UNIQUE	2	MANAGER_USER_ID

Sequences

This table does not use any Sequences.

RSC_RESOURCE_ROLES

RSC_RESOURCE_ROLES table is association table between RSC_RESOURCES and RSC_ROLES. 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_ROLES	ROLE_ID	ROLE_ID
RSC_RESOURCES	RESOURCE_ID	RESOURCE_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_C006118797	UNIQUE	1	RESOURCE_ID
SYS_C006118797	UNIQUE	2	RESOURCE_ROLE_SEQ

Sequences

This table does not use any Sequences.

RSC_RESOURCE_WARNINGS

Captures any warnings generated for resource.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
RSC_RESOURCES	RESOURCE_ID	RESOURCE_ID

Column Descriptions

Column Name	Null?	Data Type	Description
RESOURCE_WARNING_ID	NOT NULL	NUMBER	System-generated identifier
RESOURCE_ID	NOT NULL	NUMBER	Foreign key referencing the resource in RSC_RESOURCES table.
RESOURCE_WARNING_SEQ	NOT NULL	NUMBER	Hibernate uses this sequence for ordering the records.

Indexes

Index Name	Index Type	Sequence	Column Name
FKE341B8AB5BD F1B2C_I	NONUNIQUE	1	RESOURCE_WARNING_ID
FKE341B8ABA1B 1A5A3_I	NONUNIQUE	1	RESOURCE_ID
SYS_C006118801	UNIQUE	1	RESOURCE_WARNING_ID
SYS_C006118801	UNIQUE	2	RESOURCE_WARNING_SEQ

Sequences

This table does not use any Sequences.

RSC_ROLES

Data in RSC_ROLES specifies the different roles available in the system. This role entity is associated to a resource to specify his role/responsibility in a project, etc. Examples of roles could be Manager, Lead, Developer, DBA, etc.

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 should not be updated manually
ROLE_NAME	NOT NULL	VARCHAR2(1040)	Indicates the user entered name for the role entity.
DESCRIPTION	NULLABLE	VARCHAR2(2600)	User entered description for this role.
ENABLED_FLAG	NULLABLE	VARCHAR2(4)	Flag that indicates if this role is enabled.
PRIMARY_FLAG	NULLABLE	VARCHAR2(4)	Indicates if this role is a primary role. 7.0 and later releases does not have the primary role concept from the UI, but it is retained in the backend implementation, which could be used later.

Column Name	Null?	Data Type	Description
USER_DATA1-20	NULLABLE	VARCHAR2(1020)	User data segment
VISIBLE_USER_DATA1-20	NULLABLE	VARCHAR2(1020)	User data segment
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

Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C006118809	UNIQUE	1	ROLE_ID
SYS_C006118810	UNIQUE	1	ROLE_NAME

Sequences

Sequence Name	Sequence Type
RSC_ROLES_S	ROLE_ID

RSC_RP_DISTRIBUTION_ENTRIES

RSC_RP_DISTRIBUTION_ENTRIES table holds 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
RSC_RESOURCE_POOLS	RESOURCE_POOL_ID	RESOURCE_POOL_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
RSC_RESOURCES	RESOURCE_ID	RESOURCE_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 should 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.

Column Name	Null?	Data Type	Description
RESOURCE_ POOL_ID	NULLABLE	NUMBER	Foreign key to RSC_RESOURCE_POOLS table.
RESOURCE_ID	NULLABLE	NUMBER	Foreign key to RSC_RESOURCES table.
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
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
FK63EC4E39A1B 1A5A3_I	NONUNIQUE	1	RESOURCE_ID
FK63EC4E39A85 CA660_I	NONUNIQUE	1	RESOURCE_ POOL_ID
SYS_C006118817	UNIQUE	1	RP_ DISTRIBUTION_ ENTRY_ID

Sequences

Sequence Name	Sequence Type
RSC_RP_ DISTRIBUTION_ ENTRIES_S	RP_ DISTRIBUTION_ ENTRY_ID

RSC_SKILLS

RSC_SKILLS table holds all the skills defined 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
SKILL_ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column should not be updated manually
SKILL_NAME	NOT NULL	VARCHAR2(1040)	The user entered name for this skill.
DESCRIPTION	NULLABLE	VARCHAR2(2600)	The user entered description for this skill.
IS_ENABLED_FLAG	NULLABLE	VARCHAR2(4)	Indicates if the skill is enabled and used in the system.
CATEGORY_CODE	NULLABLE	VARCHAR2(1020)	One of the skill category codes that are configured in validations.
PARENT_SKILL_ID	NULLABLE	NUMBER	Not used.
CREATED_BY	NOT NULL	NUMBER	Identifier for the user that 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 that last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
SKILL_SEQ	NULLABLE	NUMBER	This seq column is used by hibernate to order the skills as they are created. Functionally insignificant.

Indexes

Index Name	Index Type	Sequence	Column Name
FKFB4914DF77EB02F4_I	NONUNIQUE	1	PARENT_SKILL_ID
SYS_C006118825	UNIQUE	1	SKILL_ID
SYS_C006118826	UNIQUE	1	SKILL_NAME

Sequences

Sequence Name	Sequence Type
RSC_SKILLS_S	SKILL_ID

RSC_SKILL_PROFICIENCY

RSC_SKILL_PROFICIENCY table mainly holds 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	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 should 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. eg, Level 1, Level 2, etc.
PARENT_TYPE_CODE	NOT NULL	VARCHAR2(120)	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 that 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 that 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
FK435C6ECA282BAFF_I	NONUNIQUE	1	SKILL_ID
SYS_C006118835	UNIQUE	1	SKILL_PROFICIENCY_ID

Sequences

Sequence Name	Sequence Type
RSC_SKILL_PROFICIENCY_S	SKILL_PROFICIENCY_ID

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
ITG_CALENDAR	CALENDAR_ID	DEF_VIEW_ PERIOD_ CALENDAR_ID
KNTA_USERS	USER_ID	LAST_UPDATED_ BY
KNTA_REGIONS	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
DEF_VIEW_PERIOD_CALENDAR_ID	NULLABLE	NUMBER	Foreign key to ITG_CALENDAR table.

Column Name	Null?	Data Type	Description
STATUS_CODE	NULLABLE	NUMBER	Indicates the status of the staffing profile that is decoded by the application. Egs of status_code meaning. In Planning, Active, Completed, etc
STAFFING_PROFILE_NAME	NOT NULL	VARCHAR2(1200)	The user entered name for this staffing profile.
BUDGET_ID	NULLABLE	NUMBER	The budget with which the staffing profile can be synchronized.
IS_SYNCH_BUDGET	NULLABLE	VARCHAR2(4)	Specifies if the staffing profile is synchronized with the selected budget or no. The values could be 'Y' or 'N'
DESCRIPTION	NULLABLE	VARCHAR2(2600)	The user entered description for this staffing profile.
USER_DATA1-20	NULLABLE	VARCHAR2(1020)	User data segment
VISIBLE_USER_DATA1-20	NULLABLE	VARCHAR2(1020)	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(4)	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.

Column Name	Null?	Data Type	Description
REGION_ID	NULLABLE	NUMBER	The 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(4)	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.
WORK_LOAD_CATEGORY_CODE	NULLABLE	VARCHAR2(1020)	Indicates what this staffing profile is used for - Strategic Projects, Legacy systems, etc.
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, etc. 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

Column Name	Null?	Data Type	Description
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

Indexes

Index Name	Index Type	Sequence	Column Name
FKDF4ACDCA19EC01E0_I	NONUNIQUE	1	DEF_VIEW_PERIOD_CALENDAR_ID
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_C006118843	UNIQUE	1	STAFFING_PROFILE_ID
SYS_C006118844	UNIQUE	1	STAFFING_PROFILE_NAME

Sequences

Sequence Name	Sequence Type
RSC_STAFFING_PROFILES_S	STAFFING_PROFILE_ID

RSC_STAFF_PROF MANAGERS

This is a many to many association table between RSC_STAFFING_PROFILES and KNTA_USERS. These are the managers for staffing profiles.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	MANAGER_USER_ID
RSC_STAFFING_PROFILES	STAFFING_PROFILE_ID	STAFFING_PROFILE_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_C006118847	UNIQUE	1	STAFFING_PROFILE_ID
SYS_C006118847	UNIQUE	2	MANAGER_USER_ID

Sequences

This table does not use any Sequences.

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	ACTIVITY_ID	ACTIVITY_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
TM_TIME_SHEET_LINES	TIME_SHEET_LINE_ID	TIME_SHEET_LINE_ID

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 should 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.

Column Name	Null?	Data Type	Description
ACT_CAP_ LABOR_CUR_ LCL	NULLABLE	VARCHAR2(1020)	Captures the currency code for the local currency used by the actual capitalized labor costs.
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(1020)	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(1020)	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.

Column Name	Null?	Data Type	Description
ACT_OP_NON_LABOR_CUR_LCL	NULLABLE	VARCHAR2(1020)	Captures the currency code for the local currency used by the actual operational non-labor costs.
TOTALS_FLAG	NULLABLE	VARCHAR2(4)	Indicates if 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 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
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_C006118859	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_C006118862	UNIQUE	1	ACTUALS_ID
SYS_C006118862	UNIQUE	2	EFFORT_ORDER

Sequences

This table does not use any 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	CHARGE_CODE_ID	CHARGE_CODE_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
TM_TIME_SHEET_LINES	TIME_SHEET_LINE_ID	TIME_SHEET_LINE_ID

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 should 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 that 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 that last updated the record
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_C006118870	UNIQUE	1	LINE_CHARGE_CODE_ID

Sequences

Sequence Name	Sequence Type
TM_LINE_CHARGE_CODES_S	LINE_CHARGE_CODE_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
KNTA_USERS	USER_ID	LAST_UPDATED_BY
RSC_RESOURCES	RESOURCE_ID	RESOURCE_ID
KCRT_REQUESTS	REQUEST_ID	WORK_ITEM_ID
WP_TASKS	TASK_ID	WORK_ITEM_ID
KDLV_PACKAGES	PACKAGE_ID	WORK_ITEM_ID
KCRT_REQUEST_TYPES	REQUEST_TYPE_ID	WORK_ITEM_SET_ID
KWFL_WORKFLOWS	WORKFLOW_ID	WORK_ITEM_SET_ID
PM_PROJECTS	PROJECT_ID	WORK_ITEM_SET_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(1020)	Identifies the item contained in a Resource's "My Items" list. Valid IDs are Request IDs, Package IDs, Task IDs, or Miscellaneous Items.

Column Name	Null?	Data Type	Description
WORK_ITEM_SET_ID	NOT NULL	VARCHAR2(1020)	Identifies the parent set for the item. Valid IDs are Request Types, Workflows, Projects or Miscellaneous items.
WORK_ITEM_TYPE	NOT NULL	VARCHAR2(1020)	Indicates the type of item. Valid values are REQUEST, PACKAGE, PROJECT, TASK, and MISC.
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

Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C006118880	UNIQUE	1	RESOURCE_QUICKLIST_ITEM_ID
SYS_C006118881	UNIQUE	1	RESOURCE_ID
SYS_C006118881	UNIQUE	2	WORK_ITEM_ID
SYS_C006118881	UNIQUE	3	WORK_ITEM_TYPE
TM_RESOURCE_QL_ITEMS_N1	NONUNIQUE	1	RESOURCE_ID

Sequences

Sequence Name	Sequence Type
TM_RESOURCE_QL_ITEMS_HIB_S	RESOURCE_QUICKLIST_ITEM_ID

TM_TIME_SHEETS

This table contains 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	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 should 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.

Column Name	Null?	Data Type	Description
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 should not be modified. This calendar does not reference the Resource's calendar.
STATUS_CODE	NULLABLE	NUMBER	Indicates the status of the Time Sheet.
DESCRIPTION	NULLABLE	VARCHAR2(2600)	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(2600)	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.

Column Name	Null?	Data Type	Description
TIME_ENTRY_DURATION_CODE	NULLABLE	VARCHAR2(1020)	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(1020)	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(1020)	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.
PERIOD_HOURS	NULLABLE	FLOAT	If PERIOD_HOURS_CALC_TYPE_CODE is set to FIXED, this column indicates the fixed number of hours in a period.
WORKDAY_HOURS	NULLABLE	FLOAT	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(4)	Indicates whether or not multiple Time Sheets are allowed in a given period.

Column Name	Null?	Data Type	Description
MIN_MAX_HOURS_CALC_TYPE_CODE	NULLABLE	VARCHAR2(1020)	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(4)	Indicates whether or not a Resource must submit a Time Sheet for every period.
MAX_HOURS_PER_DAY	NULLABLE	FLOAT	Indicates the maximum number of hours per day a Resource may log time for in the Time Sheet.
MAX_HOURS_PER_TIME_SHEET	NULLABLE	FLOAT	Indicates the maximum number of hours per Time Sheet a Resource may log.
MIN_HOURS_PER_TIME_SHEET	NULLABLE	FLOAT	Indicates the minimum number of hours per Time Sheet a Resource must log.
PREVENT_VIOLATION_FLAG	NULLABLE	VARCHAR2(4)	Indicates whether or not a Resource is prevented from submitting a Time Sheet if there are policy violations.
REQ_ACTIVITIES_REQUIRED_FLAG	NULLABLE	VARCHAR2(4)	Indicates whether or not Activities are required to be added to Request items on the Time Sheet.

Column Name	Null?	Data Type	Description
TSK_ACTIVITIES_REQUIRED_FLAG	NULLABLE	VARCHAR2(4)	Indicates whether or not Activities are required to be added to Task items on the Time Sheet.
PKG_ACTIVITIES_REQUIRED_FLAG	NULLABLE	VARCHAR2(4)	Indicates whether or not Activities are required to be added to Package items on the Time Sheet.
MISC_ACTIVITIES_REQUIRED_FLAG	NULLABLE	VARCHAR2(4)	Indicates whether or not Activities are required to be added to Miscellaneous items on the Time Sheet.
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
MAX_PERCENT_PER_TIMESHEET	NULLABLE	FLOAT	Indicates the maximum percentage allowed on the Time Sheet.
MIN_PERCENT_PER_TIMESHEET	NULLABLE	FLOAT	Indicates the minimum percentage required on the Time Sheet.

Indexes

Index Name	Index Type	Sequence	Column Name
FKF38627E05BD31FCB_I	NONUNIQUE	1	BASE_TRUSTEE_ID

Index Name	Index Type	Sequence	Column Name
FKF38627E05F1C C5BE_I	NONUNIQUE	1	CALENDAR_ID
FKF38627E0A1B1 A5A3_I	NONUNIQUE	1	RESOURCE_ID
FKF38627E0A7D B71D8_I	NONUNIQUE	1	BILLING_ APPROVER_ SEC_GRP_ID
SYS_C006118890	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_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	SECURITY_GROUP_ID	SECURITY_GROUP_ID
TM_TIME_SHEETS	TIME_SHEET_ID	TIME_SHEET_ID
KCRT_REQUESTS	REQUEST_ID	WORK_ITEM_ID
KDLV_PACKAGES	PACKAGE_ID	WORK_ITEM_ID
WP_TASKS	TASK_ID	WORK_ITEM_ID
KCRT_REQUEST_TYPES	REQUEST_TYPE_ID	WORK_ITEM_SET_ID
KWFL_WORKFLOWS	WORKFLOW_ID	WORK_ITEM_SET_ID
PM_PROJECTS	PROJECT_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 should not be updated manually

Column Name	Null?	Data Type	Description
TIME_SHEET_ID	NULLABLE	NUMBER	Identifies the Time Sheet that this item belongs to.
WORK_ITEM_ID	NULLABLE	VARCHAR2(1020)	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(1020)	Identifies the parent type of the item. Valid values represent Request Types, Workflows, Projects, and Miscellaneous Items.
WORK_ITEM_TYPE	NULLABLE	VARCHAR2(1020)	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(4)	Indicates whether or not Activities are editable for this particular item.

Column Name	Null?	Data Type	Description
CHARGE_ CODES_ UPDATEABLE_ FLAG	NULLABLE	VARCHAR2(4)	Indicates whether or not Charge Codes are updateable for this particular item.
CHARGE_ CODES_ REQUIRED_ FLAG	NULLABLE	VARCHAR2(4)	Indicates whether or not Charge Codes are required to be configured on this item.
CREATION_ SOURCE_CODE	NULLABLE	VARCHAR2(1020)	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.
USER_DATA1-20	NULLABLE	VARCHAR2(1020)	User data segment
VISIBLE_USER_ DATA1-20	NULLABLE	VARCHAR2(1020)	User data segment
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
TIME_SHEET_ LINE_SEQ	NULLABLE	NUMBER	Contains the internal sequence of lines for a Time Sheet.

Indexes

Index Name	Index Type	Sequence	Column Name
FK3F7A26B35BD 31FCB_I	NONUNIQUE	1	BASE_ TRUSTEE_ID
FK3F7A26B3FCB 0930C_I	NONUNIQUE	1	TIME_SHEET_ID

Index Name	Index Type	Sequence	Column Name
FK3F7A26B3FE01C679_I	NONUNIQUE	1	SECURITY_GROUP_ID
FK3F7A26B3FF595611_I	NONUNIQUE	1	ACTUAL_APPROVER_USER_ID
SYS_C006118897	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_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
TM_TIME_SHEETS	TIME_SHEET_ID	BILLING_APPROVER_TIME_SHEET_ID
KNTA_USERS	USER_ID	BILLING_APPROVER_USER_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_C006118900	UNIQUE	1	BILLING_APPROVER_TIME_SHEET_ID
SYS_C006118900	UNIQUE	2	BILLING_APPROVER_USER_ID

Sequences

This table does not use any Sequences.

TM_USERS_TIME_APPROVERS

This many-to-one cross reference table indicates the users who are the time approvers for each Time Sheet item.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	TIME_APPROVER_USER_ID
TM_TIME_SHEET_LINES	TIME_SHEET_LINE_ID	APPROVER_TIME_SHEET_LINE_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_LINES 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_C006118903	UNIQUE	1	APPROVER_TIME_SHEET_LINE_ID
SYS_C006118903	UNIQUE	2	TIME_APPROVER_USER_ID

Sequences

This table does not use any Sequences.

WP_CALENDAR_CONSTRAINTS

This table lists the calendar constraints applied to tasks within a work plan. e.g.: a task needs to start no later than some date, etc.

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 should 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(16)	Specifies the type of the constraint (ASAP = as soon as possible, SNET = start no earlier than, MSO = must start on, etc.).
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

Column Name	Null?	Data Type	Description
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated

Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C006118910	UNIQUE	1	CALENDARCONSTRAINT_ID

Sequences

Sequence Name	Sequence Type
WP_CALENDAR_CONSTRAINTS_S	CALENDARCONSTRAINT_ID

WP_DEPENDENCIES

Describes 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 should 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(8)	Defines the type of the relationship (SF = start to finish, FF = finish to finish, etc.).
LAG	NULLABLE	FLOAT	Defines the lag in days for this relationship.
LAG_FORMAT	NULLABLE	NUMBER	Not used.

Column Name	Null?	Data Type	Description
EXTERNAL	NULLABLE	VARCHAR2(4)	Indicates whether the tasks (predecessor and successor) belong to the same work plan or not.
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

Indexes

Index Name	Index Type	Sequence	Column Name
FK36AD00CF147BDE95_I	NONUNIQUE	1	SUCCESSOR_ID
FK36AD00CFB588F1D2_I	NONUNIQUE	1	PREDECESSOR_ID
SYS_C006118917	UNIQUE	1	DEPENDENCY_ID

Sequences

Sequence Name	Sequence Type
wp_dependency_s	DEPENDENCY_ID

WP_MESSAGE_ITEM

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 should 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
LAST_SENT_TIME	NULLABLE	DATE	Last time the message was sent

Column Name	Null?	Data Type	Description
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

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_C006118924	UNIQUE	1	ID

Sequences

Sequence Name	Sequence Type
wp_message_item_s	ID

WP_MILESTONES

Provides 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 should not be updated manually
AUTO_COMPLETE	NULLABLE	NUMBER	Indicates whether the milestone becomes completed automatically when all its predecessors are completed
MAJOR	NULLABLE	VARCHAR2(4)	Indicates whether this milestone is a major milestone or not
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

Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C006118931	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 should 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(2400)	Detail of the exception
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

Column Name	Null?	Data Type	Description
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_C006118938	UNIQUE	1	DEPENDANT_TASK_ID

Sequences

Sequence Name	Sequence Type
wp_mt_dependant_task_s	DEPENDANT_TASK_ID

WP_NOTIFICATION_DETAILS

Provides 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
WP_TASKS	TASK_ID	NOTIF_TASK_ID

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 should not be updated manually
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 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

Indexes

Index Name	Index Type	Sequence	Column Name
FK6D000494FAC077C7_I	NONUNIQUE	1	NOTIF_TASK_ID
SYS_C006118945	UNIQUE	1	NOTIF_DETAILS_ID

Sequences

Sequence Name	Sequence Type
WP_NOTIFICATION_DETAILS_S	NOTIF_DETAILS_ID

WP_PENDING_EXCEPTIONS

Identifies 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 should 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 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

Indexes

Index Name	Index Type	Sequence	Column Name
FK88A320D28A2 ADEB4_I	NONUNIQUE	1	WORK_PLAN_ID
SYS_C006118952	UNIQUE	1	ID

Sequences

Sequence Name	Sequence Type
wp_pending_ exceptions_s	ID

WP_SCHEDULE_WARNINGS

Provides information about the warnings a task can have regarding its schedule (starting late, dependency conflict, etc.).

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
WP_DEPENDENCIES	DEPENDENCY_ID	DEPENDENCY_ID
WP_CALENDAR_CONSTRAINTS	CALENDARCONSTRAINT_ID	CALENDAR_CONSTRAINT_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(1020)	Describes the type of warning (PS = Partial Schedule, OP = Out Of Project Range, etc.).
VERSION	NOT NULL	NUMBER	System-generated version for the entity. This column should 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 that 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 that 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
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)

Column Name	Null?	Data Type	Description
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_C006118960	UNIQUE	1	SCHEDULE_WARNING_ID

Sequences

Sequence Name	Sequence Type
WP_SCHEDULE_WARNINGS_S	SCHEDULE_WARNING_ID

WP_TASKS

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	CALENDARCONSTRAINT_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 should not be updated manually

Column Name	Null?	Data Type	Description
TASK_ACTUALS_ID	NULLABLE	NUMBER	Foreign key to the WP_TASK_ACTUALS table which stores information about that task actuals
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(2400)	Provides a list of task IDs representing the path from the work plan root node to this task

Column Name	Null?	Data Type	Description
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
TASK_USERDATA_ID	NULLABLE	NUMBER	Foreign key to the WP_USER_DATA table which stores user customizable data
CHILD_TASK_SEQ	NULLABLE	NUMBER	Indicates the sequence of this task relative to its siblings (tasks having the same parent task).
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(1020)	Identifies the original task this task is a baseline of (if applicable)
CREATED_BY	NOT NULL	NUMBER	Identifier for the user that 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 that last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated

Indexes

Index Name	Index Type	Sequence	Column Name
FK1712A6A88A2A DEB4_I	NONUNIQUE	1	WORK_PLAN_ID
SYS_C006118967	UNIQUE	1	TASK_ID
SYS_C006118968	UNIQUE	1	TASK_ACTUALS_ID
SYS_C006118969	UNIQUE	1	CALENDAR_CONSTRAINT_ID
SYS_C006118970	UNIQUE	1	TASK_COST_ID
SYS_C006118971	UNIQUE	1	MILESTONE_ID
SYS_C006118972	UNIQUE	1	TASK_NOTIFICATION_ID
SYS_C006118973	UNIQUE	1	TASK_SCHEDULE_ID
SYS_C006118974	UNIQUE	1	TASK_INFO_ID
SYS_C006118975	UNIQUE	1	TASK_USERDATA_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_TASK_ACTUALS

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 should 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 for this task
PERC_COMPLETE	NULLABLE	FLOAT	Percent complete for this task
CREATED_BY	NOT NULL	NUMBER	Identifier for the user that 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 that last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
TOT_SCHED_DURATION	NULLABLE	FLOAT	Stores, for summary tasks, the sum of the duration of its children

Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C006118982	UNIQUE	1	ACTUALS_ID

Sequences

Sequence Name	Sequence Type
WP_TASK_ACTUALS_S	ACTUALS_ID

WP_TASK_COSTS

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 should 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(1020)	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(1020)	Local currency used for the actual non-labor capitalized cost
ACT_OP_LABOR_BSE	NULLABLE	NUMBER	Actual labor operational cost in base currency

Column Name	Null?	Data Type	Description
ACT_OP_LABOR_LCL	NULLABLE	NUMBER	Actual labor operational cost in local currency
ACT_OP_LABOR_CUR_LCL	NULLABLE	VARCHAR2(1020)	Local currency used for the actual labor operational cost
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(1020)	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(1020)	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(1020)	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

Column Name	Null?	Data Type	Description
PLAN_OP_LABOR_CUR_LCL	NULLABLE	VARCHAR2(1020)	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(1020)	Local currency used for the plan non-labor operational cost
CPI	NULLABLE	FLOAT	Cost Performance Index
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(1020)	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(1020)	Local currency used for the planned value
HEALTH	NULLABLE	VARCHAR2(1020)	Cost health
SPI	NULLABLE	FLOAT	Schedule Performance Index
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

Indexes

Index Name	Index Type	Sequence	Column Name
FKCAD9A032F978A454_I	NONUNIQUE	1	COST_CONTOUR_ID
SYS_C006118989	UNIQUE	1	TASK_COST_ID

Sequences

Sequence Name	Sequence Type
WP_TASK_COSTS_S	TASK_COST_ID

WP_TASK_INFO

Stores some general information about tasks

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
ITG_ACTIVITIES	ACTIVITY_ID	ACTIVITY_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
RSC_ROLES	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 should 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(4)	Indicates whether effort is entered automatically (computed based on the resource calendar and the task duration) or manually

Column Name	Null?	Data Type	Description
MILESTONE_ MANUAL_CONV	NULLABLE	VARCHAR2(4)	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)
NAME	NULLABLE	VARCHAR2(1200)	Indicates the name of the task
TASK_DESC	NULLABLE	VARCHAR2(1200)	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(4)	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(4)	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(1020)	Indicates the schedule health of the task

Column Name	Null?	Data Type	Description
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
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(4)	Indicates whether this task is required on the work plan and cannot be deleted
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

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_C006118996	UNIQUE	1	TASK_INFO_ID

Sequences

Sequence Name	Sequence Type
WP_TASK_INFO_S	TASK_INFO_ID

WP_TASK_OWNERS

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_C006119000	UNIQUE	1	TASK_ID
SYS_C006119000	UNIQUE	2	OWNER_SEQ

Sequences

This table does not use any Sequences.

WP_TASK_SCHEDULE

Provides 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 should 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)

Column Name	Null?	Data Type	Description
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

Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C006119007	UNIQUE	1	TASK_SCHEDULE_ID

Sequences

Sequence Name	Sequence Type
WP_TASK_SCHEDULE_S	TASK_SCHEDULE_ID

WP_UNAVAILABLE_RESOURCES

Lists the resources that are unavailable for a given unavailable resource warning

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	RESOURCE_ID
WP_SCHEDULE_WARNINGS	SCHEDULE_WARNING_ID	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_C006119011	UNIQUE	1	ID
SYS_C006119011	UNIQUE	2	SEQ

Sequences

This table does not use any Sequences.

WP_USER_DATA

Stores the tasks' user 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

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 should not be updated manually
DATUM1_VISIBLE	NULLABLE	VARCHAR2(1020)	User data visible value
DATUM1_CODE	NULLABLE	VARCHAR2(1020)	User data hidden value
DATUM10_VISIBLE	NULLABLE	VARCHAR2(1020)	User data visible value
DATUM10_CODE	NULLABLE	VARCHAR2(1020)	User data hidden value
DATUM11_VISIBLE	NULLABLE	VARCHAR2(1020)	User data visible value
DATUM11_CODE	NULLABLE	VARCHAR2(1020)	User data hidden value
DATUM12_VISIBLE	NULLABLE	VARCHAR2(1020)	User data visible value
DATUM12_CODE	NULLABLE	VARCHAR2(1020)	User data hidden value
DATUM13_VISIBLE	NULLABLE	VARCHAR2(1020)	User data visible value
DATUM13_CODE	NULLABLE	VARCHAR2(1020)	User data hidden value

Column Name	Null?	Data Type	Description
DATUM14_VISIBLE	NULLABLE	VARCHAR2(1020)	User data visible value
DATUM14_CODE	NULLABLE	VARCHAR2(1020)	User data hidden value
DATUM15_VISIBLE	NULLABLE	VARCHAR2(1020)	User data visible value
DATUM15_CODE	NULLABLE	VARCHAR2(1020)	User data hidden value
DATUM16_VISIBLE	NULLABLE	VARCHAR2(1020)	User data visible value
DATUM16_CODE	NULLABLE	VARCHAR2(1020)	User data hidden value
DATUM17_VISIBLE	NULLABLE	VARCHAR2(1020)	User data visible value
DATUM17_CODE	NULLABLE	VARCHAR2(1020)	User data hidden value
DATUM18_VISIBLE	NULLABLE	VARCHAR2(1020)	User data visible value
DATUM18_CODE	NULLABLE	VARCHAR2(1020)	User data hidden value
DATUM19_VISIBLE	NULLABLE	VARCHAR2(1020)	User data visible value
DATUM19_CODE	NULLABLE	VARCHAR2(1020)	User data hidden value
DATUM2_VISIBLE	NULLABLE	VARCHAR2(1020)	User data visible value
DATUM2_CODE	NULLABLE	VARCHAR2(1020)	User data hidden value
DATUM20_VISIBLE	NULLABLE	VARCHAR2(1020)	User data visible value
DATUM20_CODE	NULLABLE	VARCHAR2(1020)	User data hidden value
DATUM3_VISIBLE	NULLABLE	VARCHAR2(1020)	User data visible value
DATUM3_CODE	NULLABLE	VARCHAR2(1020)	User data hidden value
DATUM4_VISIBLE	NULLABLE	VARCHAR2(1020)	User data visible value
DATUM4_CODE	NULLABLE	VARCHAR2(1020)	User data hidden value
DATUM5_VISIBLE	NULLABLE	VARCHAR2(1020)	User data visible value

Column Name	Null?	Data Type	Description
DATUM5_CODE	NULLABLE	VARCHAR2(1020)	User data hidden value
DATUM6_VISIBLE	NULLABLE	VARCHAR2(1020)	User data visible value
DATUM6_CODE	NULLABLE	VARCHAR2(1020)	User data hidden value
DATUM7_VISIBLE	NULLABLE	VARCHAR2(1020)	User data visible value
DATUM7_CODE	NULLABLE	VARCHAR2(1020)	User data hidden value
DATUM8_VISIBLE	NULLABLE	VARCHAR2(1020)	User data visible value
DATUM8_CODE	NULLABLE	VARCHAR2(1020)	User data hidden value
DATUM9_VISIBLE	NULLABLE	VARCHAR2(1020)	User data visible value
DATUM9_CODE	NULLABLE	VARCHAR2(1020)	User data hidden value
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

Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C006119018	UNIQUE	1	USER_DATA_ID

Sequences

Sequence Name	Sequence Type
WP_USER_DATA_S	USER_DATA_ID

WP_WORK_UNITS

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 should 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

Column Name	Null?	Data Type	Description
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
TASK_ID	NULLABLE	NUMBER	Identifies the task a resource is assigned to
TM_ORIGIN	NULLABLE	VARCHAR2(4)	Indicates whether or not 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 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

Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C006119025	UNIQUE	1	WORK_UNIT_ID
SYS_C006119026	UNIQUE	1	RESOURCE_ID
SYS_C006119026	UNIQUE	2	TASK_ID

Sequences

Sequence Name	Sequence Type
WP_WORK_ UNITS_S	WORK_UNIT_ID

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