



Mercury IT Governance Center™  
**Technical Reference Manual**

Version: 6.0

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# Chapter 1 Introduction

---

The *Mercury IT Governance Center Technical Reference Manual* provides a detailed look at the internal structure of the data model for release 6.0 of Mercury IT Governance Center™.

## About This Manual

This manual assumes that you have a basic understanding of structured design and relational databases. It also assumes that you are familiar with the functionality of all products in Mercury IT Governance Center. Please refer to the appropriate documentation for details on the product's functionality.

This manual contains the following chapters:

[Chapter 2, \*Entity Relationships\*](#), contains diagrams at the product and table level of the various modules within Mercury IT Governance Center.

[Chapter 3, \*Table Definitions\*](#), provides the table layout for each of the tables utilized by Mercury IT Governance Center, as well as foreign key references, indexes, and sequences.

[Appendix A: \*System Tables\*](#), contains a list of the temporary and intermediate tables used in the Mercury IT Governance Center schema that are not documented in detail in Chapter 3.

[Appendix B: \*Obsolete Tables\*](#), contains a list of the obsolete tables and sequences used in the Mercury IT Governance Center schema.



Note

Individuals who wish to write reports from the data provided in the tables in this manual should first look at the Reporting Meta Layer, discussed in detail in the *Reports Guide and Reference*.

## Restrictions

This manual is intended to provide users with a detailed view of the inner structure of Mercury IT Governance Center.

This information is not provided with the intent to facilitate alterations to the base table structure of Mercury IT Governance Center. Modifications to these tables may compromise your ability to upgrade to future releases of the product.

Mercury Interactive reserves the right to change the structure of Mercury IT Governance Center tables in future releases as well as to alter the Mercury-supplied data provided with the application. Mercury does not guarantee upward compatibility of the data model with future releases of the product.

Please note that this manual is only valid for release 6.0 of Mercury IT Governance Center.



# Chapter 2 Entity Relationships

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This chapter provides a detailed look at the relationships between various entities within the Mercury IT Governance Center. In addition, each functional entity (such as a package) is broken down and the relationship between its constituent tables is illustrated.

# Entity Relationships

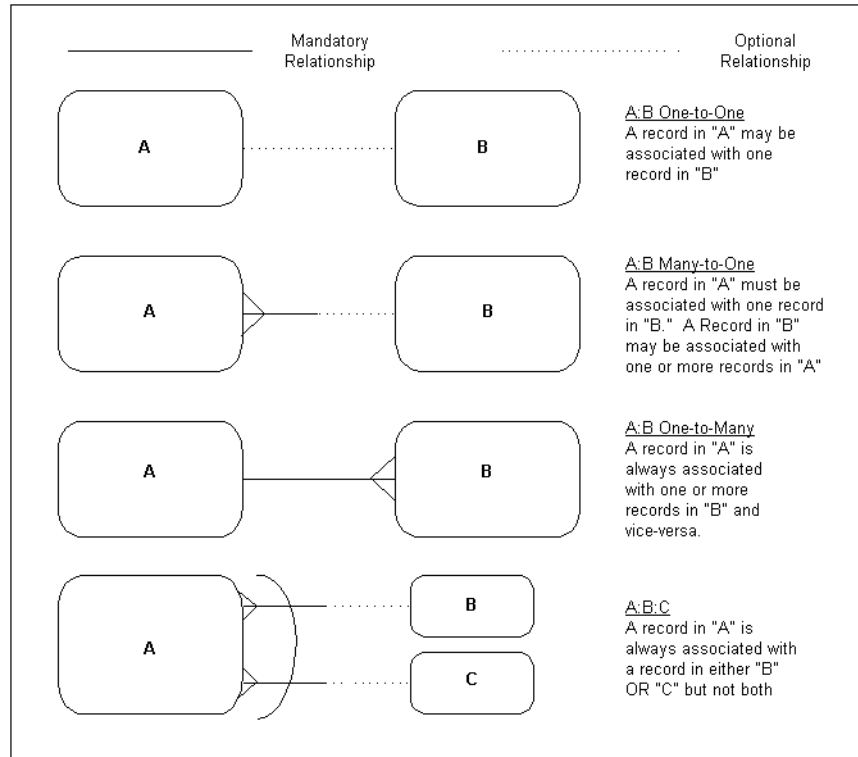


Figure 2-1. Diagram conventions

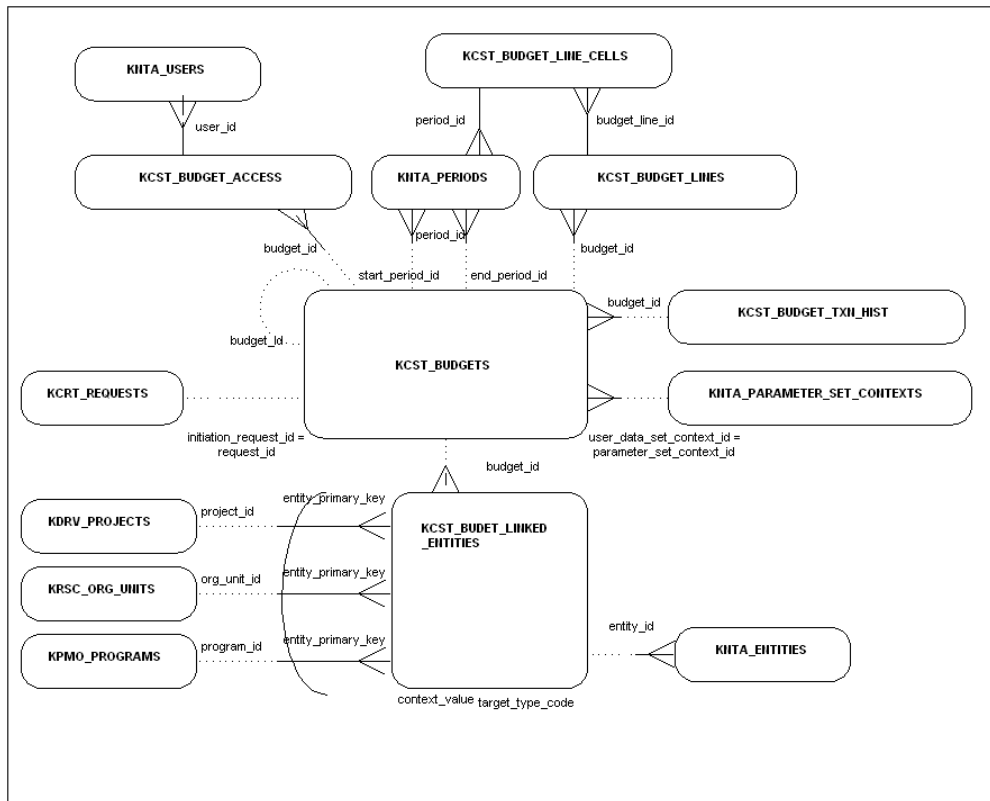


Figure 2-2. Budgets

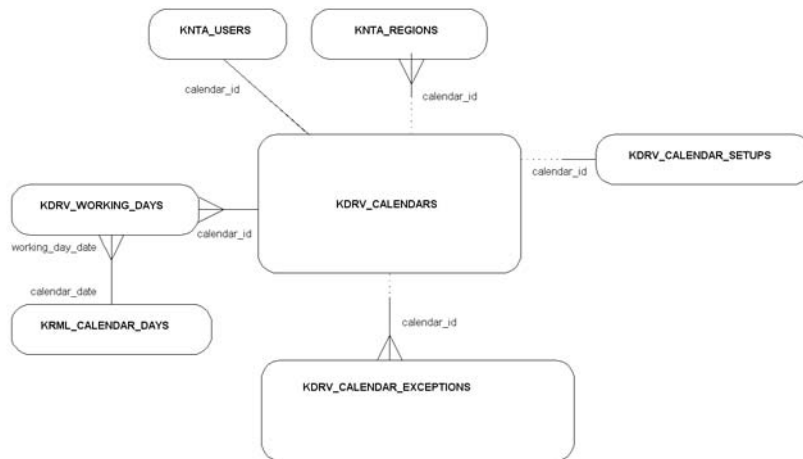


Figure 2-3. Calendars

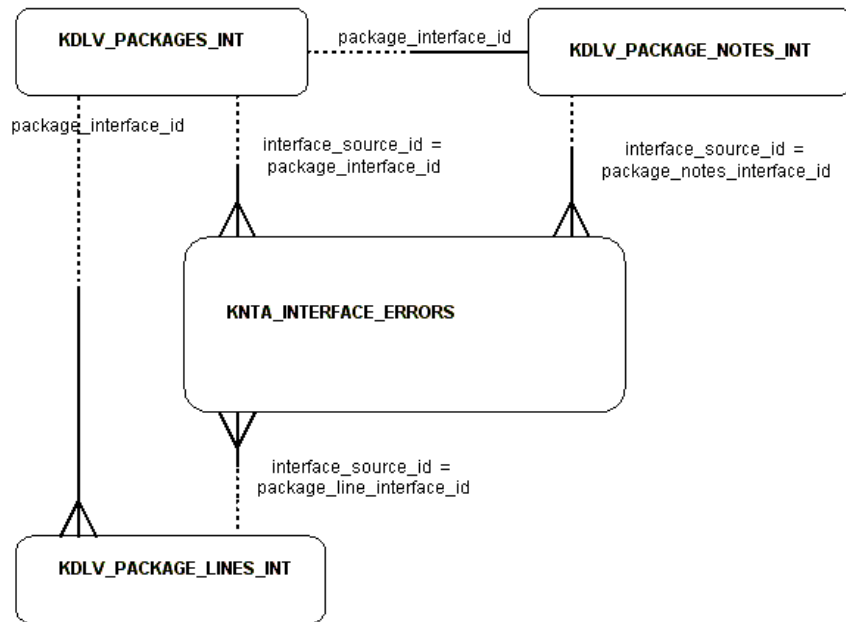


Figure 2-4. Change Management interface

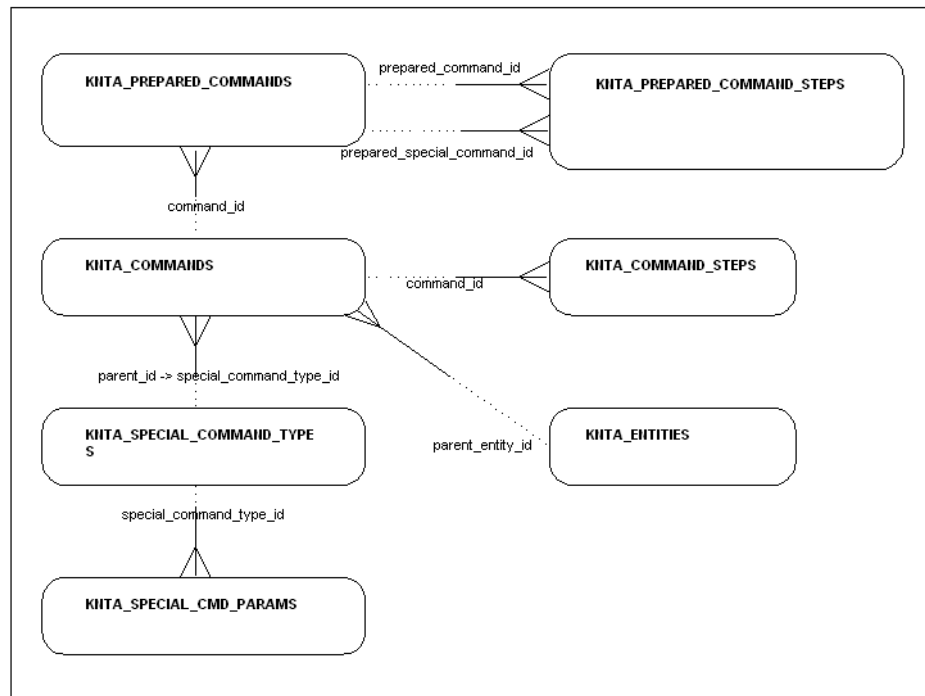


Figure 2-5. Commands

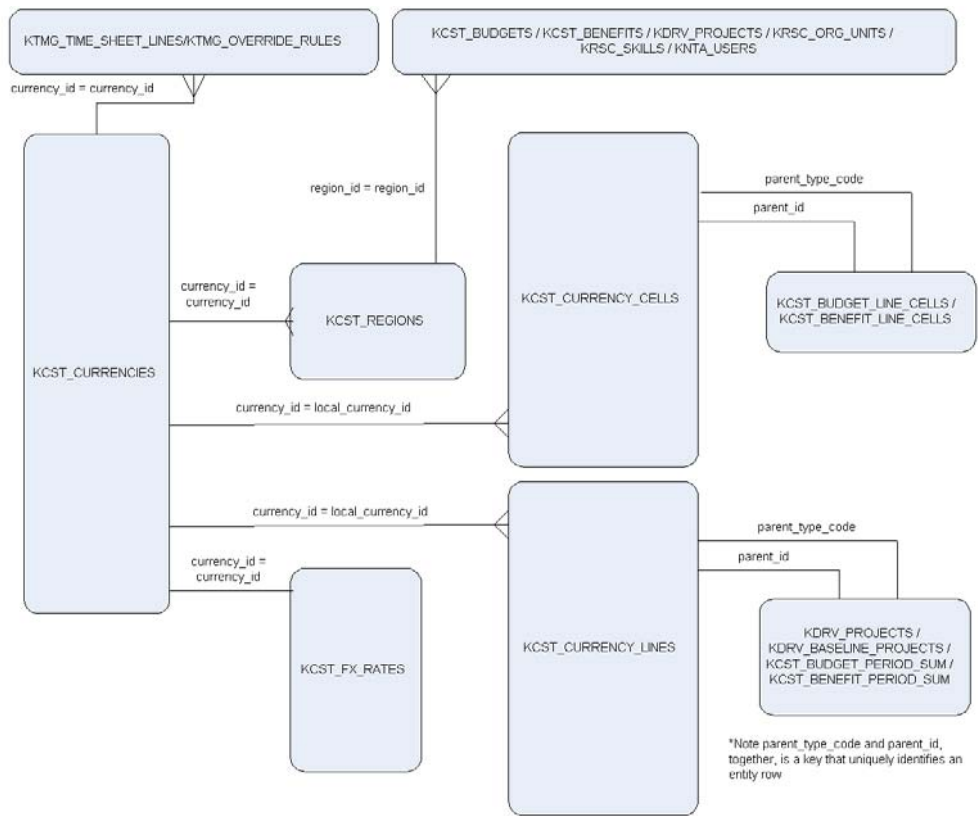


Figure 2-6. Cost data

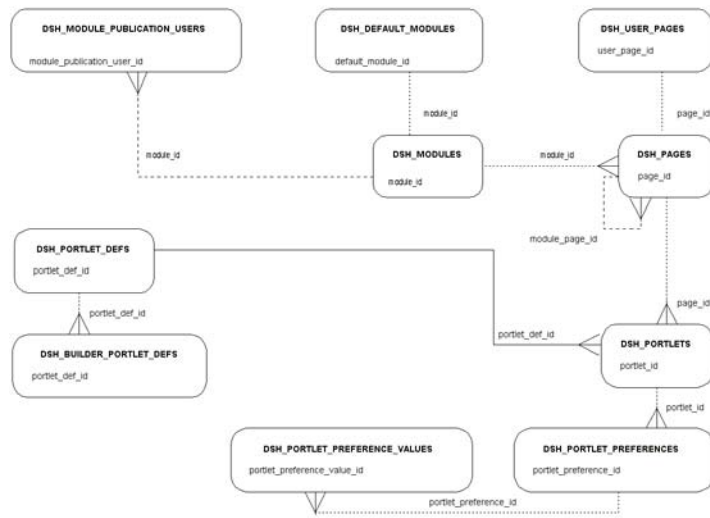


Figure 2-7. Dashboard

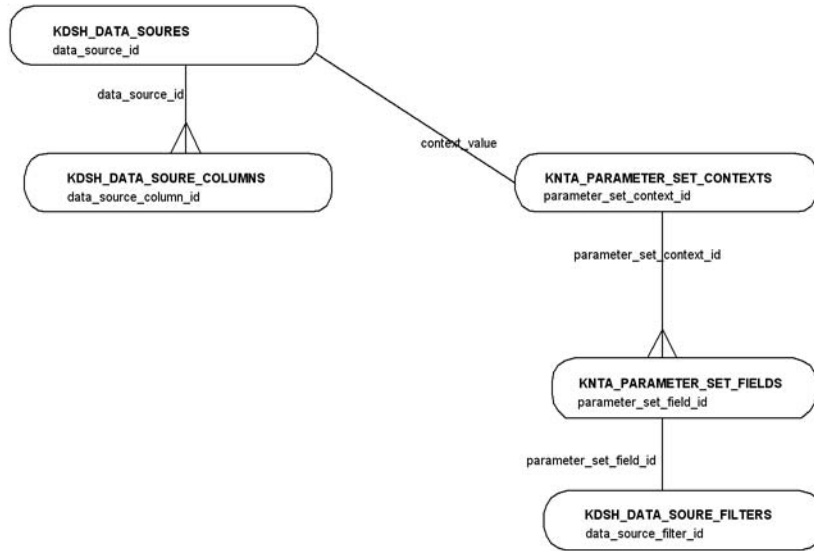


Figure 2-8. Data sources

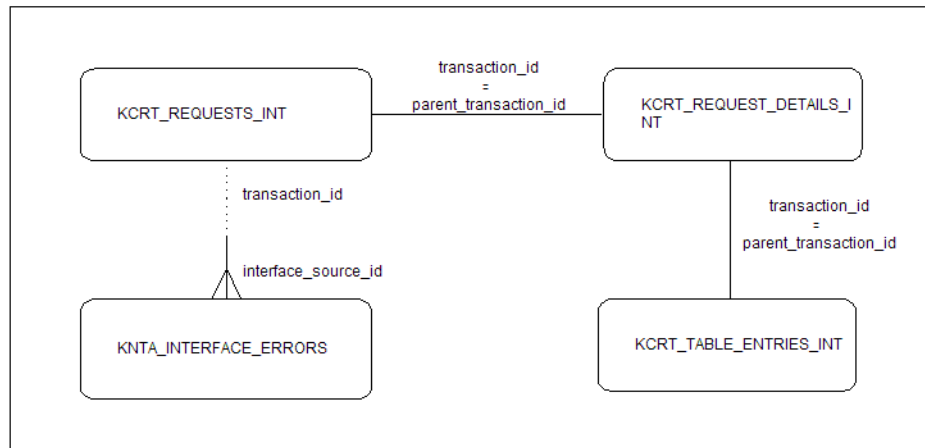


Figure 2-9. Demand Management interface

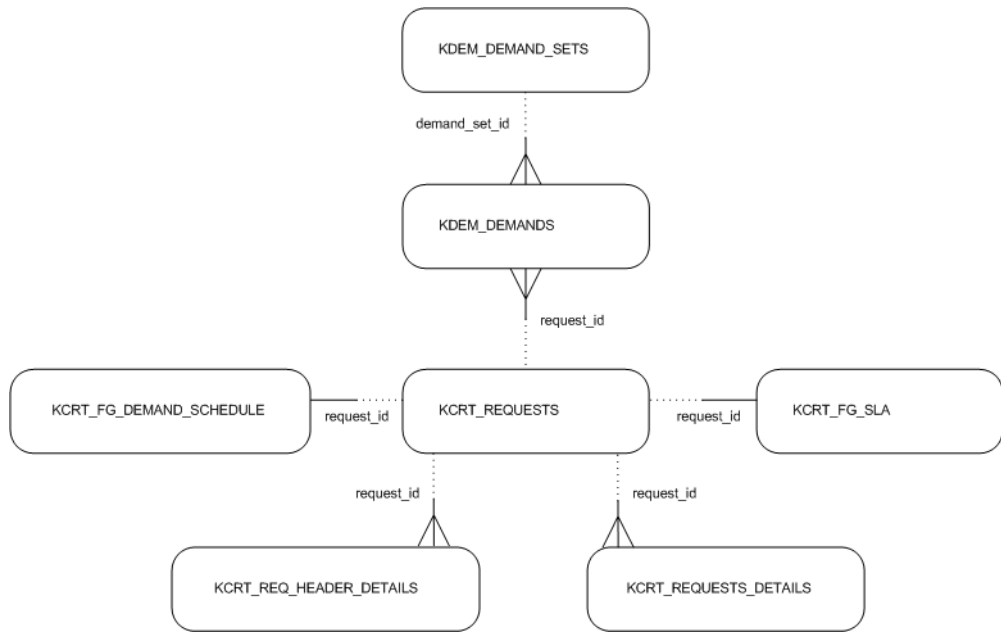


Figure 2-10. Demand set requests



Figure 2-11. Demand sets

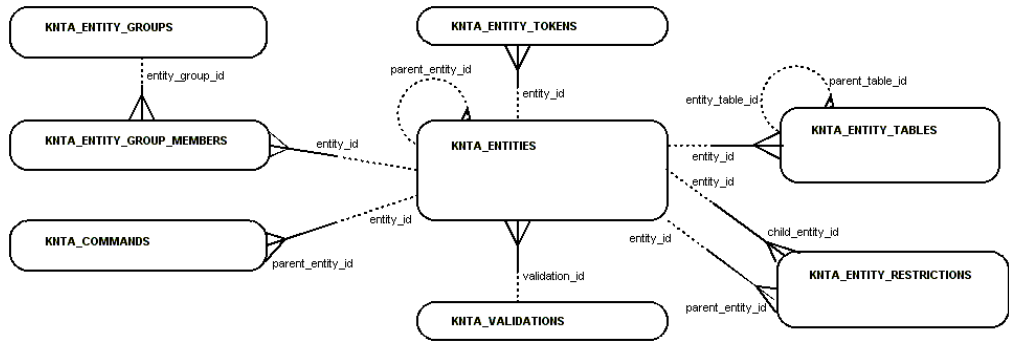


Figure 2-12. Entities

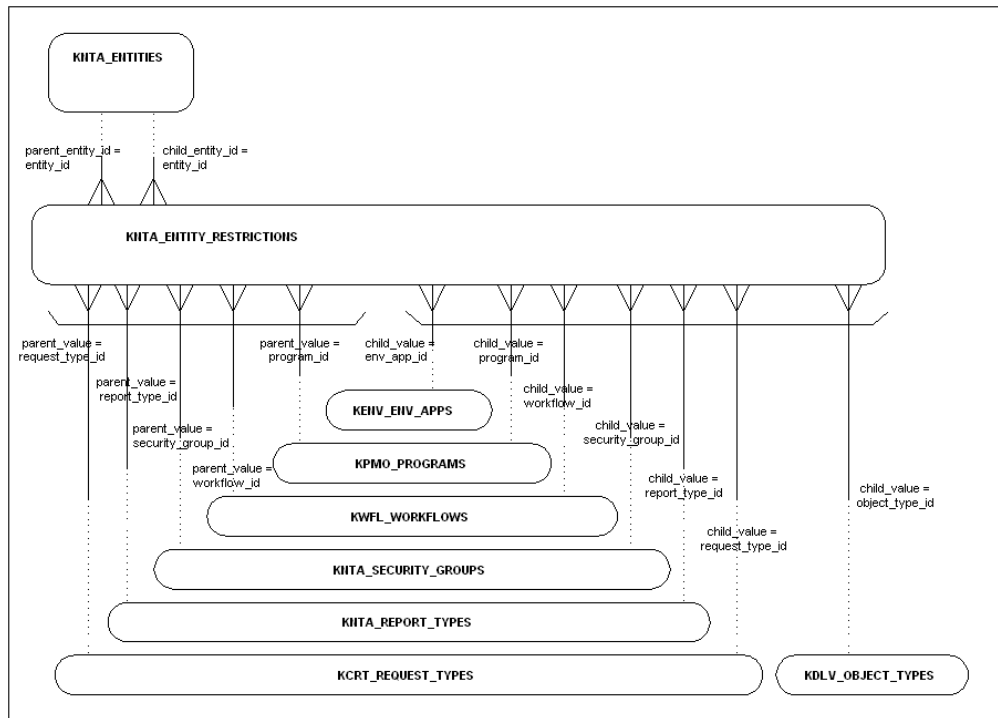


Figure 2-13. Entity restrictions



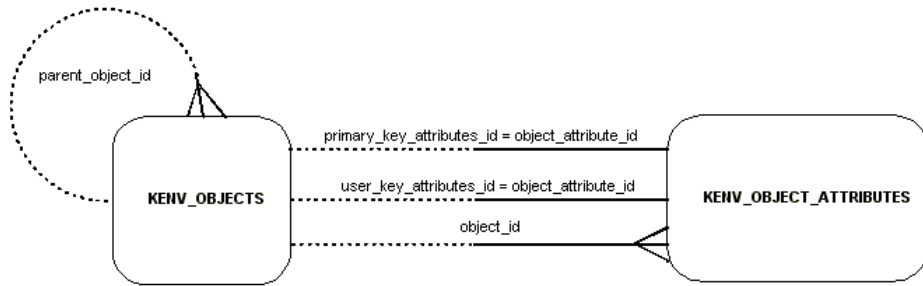


Figure 2-14. Environment comparison

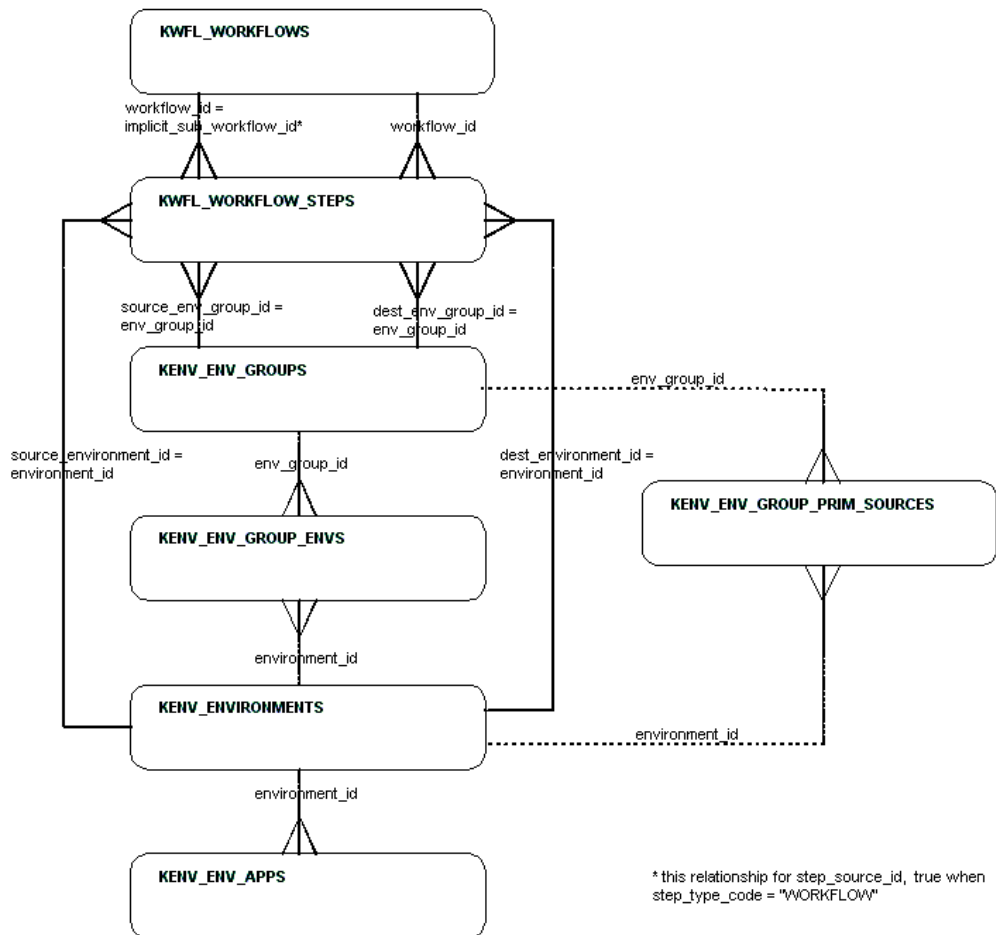


Figure 2-15. Environment groups

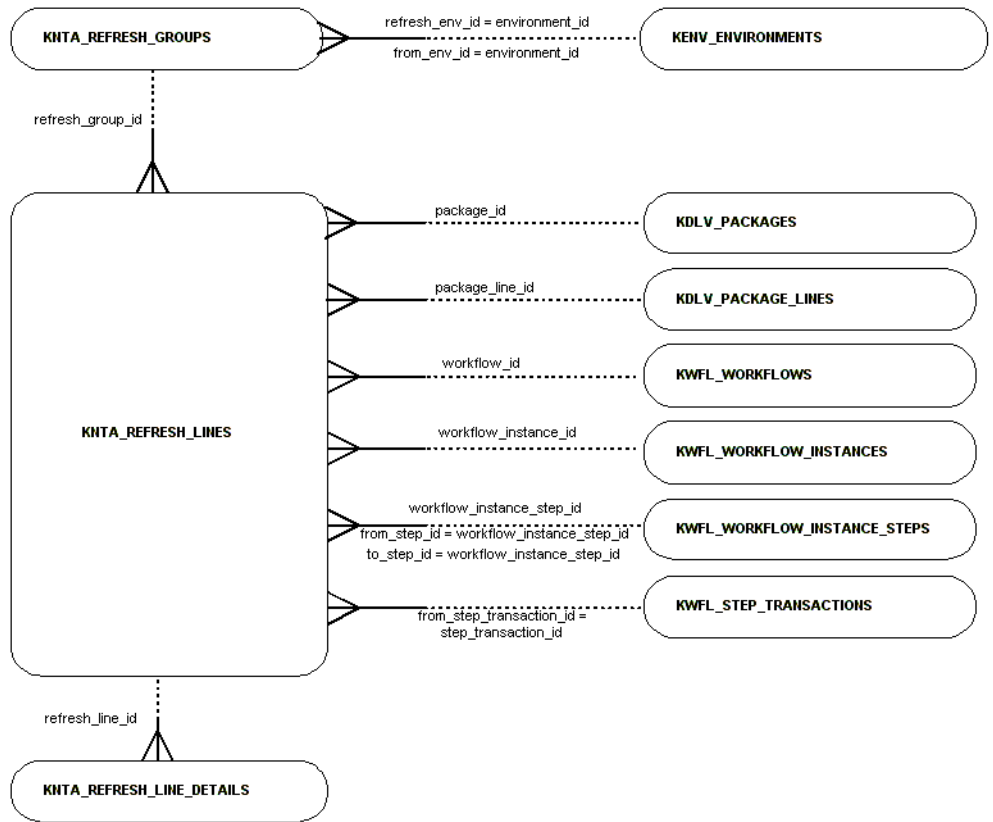


Figure 2-16. Environment refresh

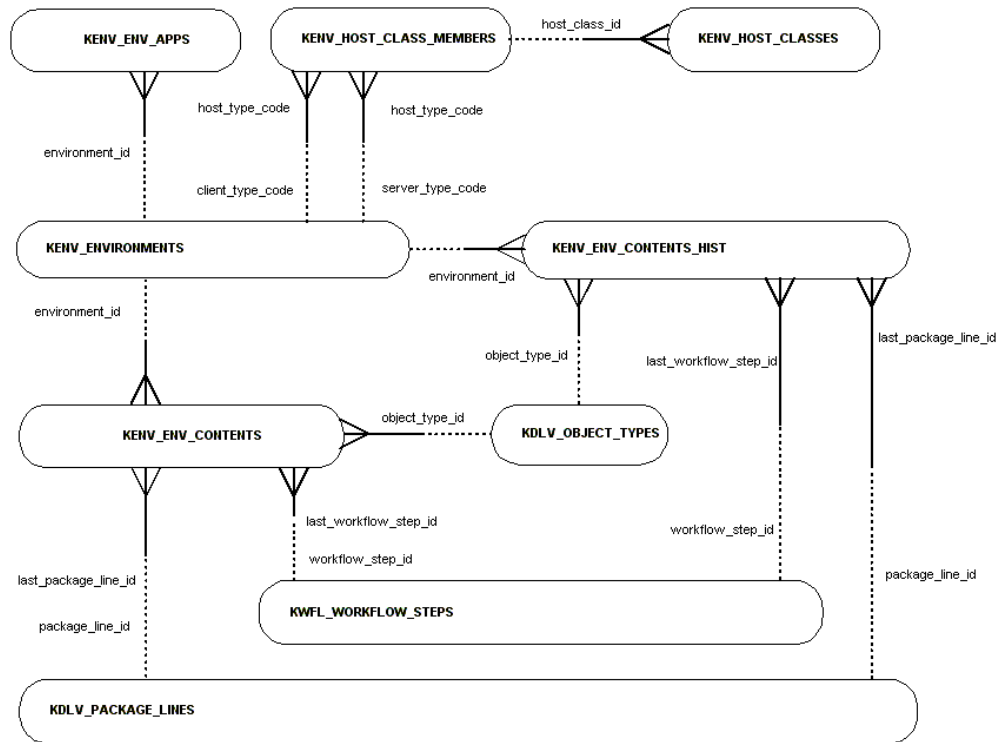


Figure 2-17. Environments

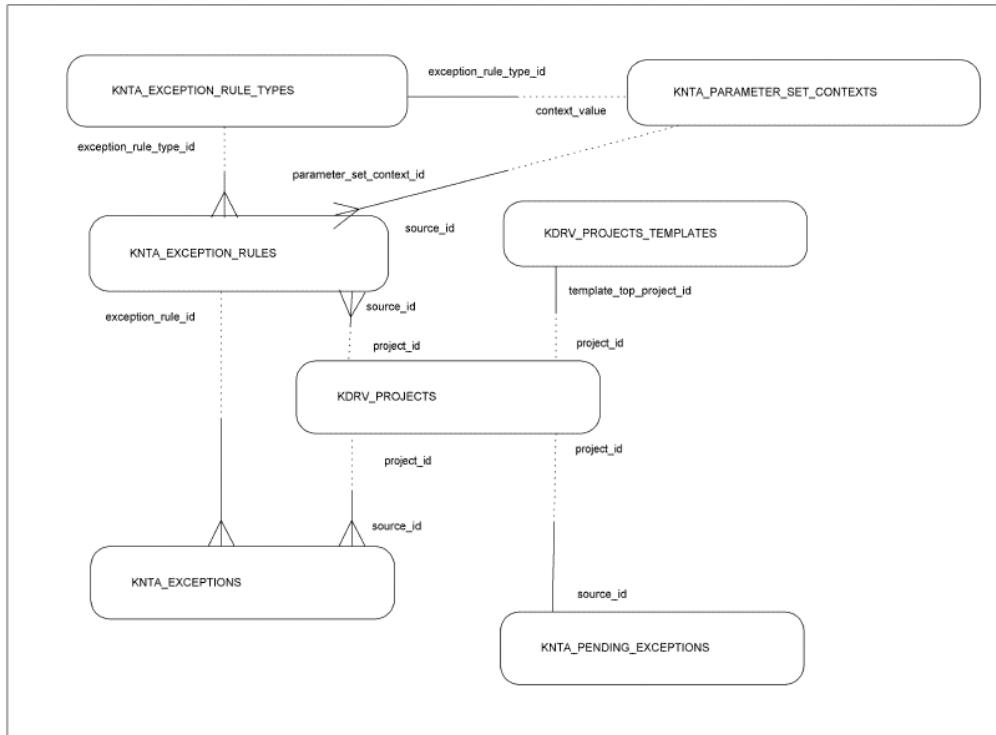


Figure 2-18. Exceptions

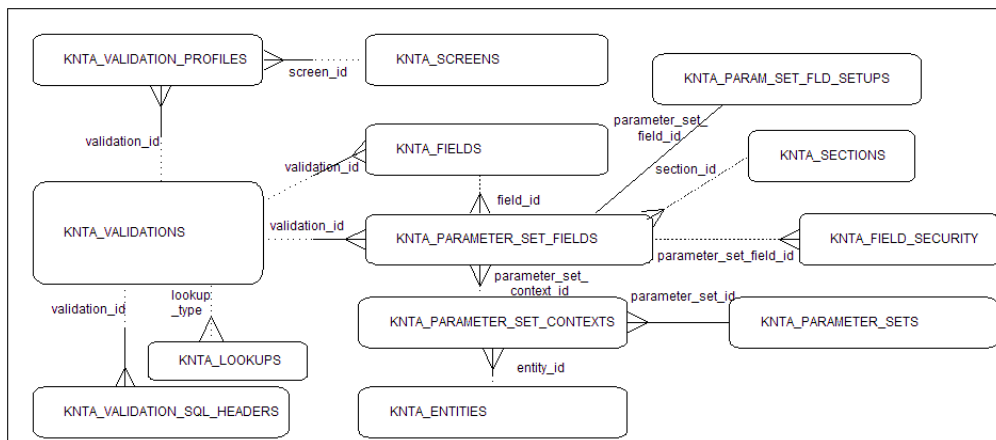


Figure 2-19. Fields

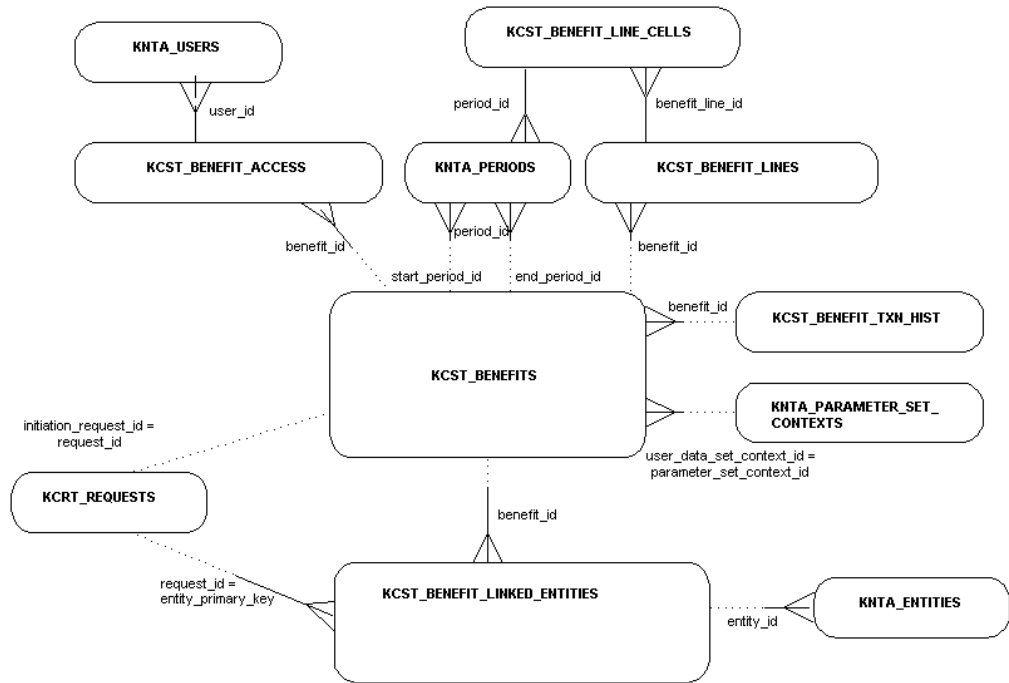


Figure 2-20. Financial benefits

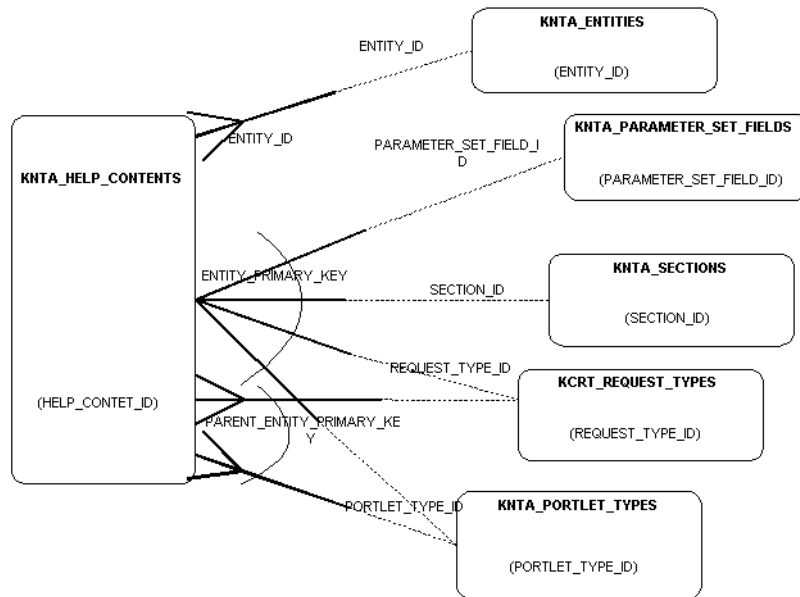


Figure 2-21. Help contents

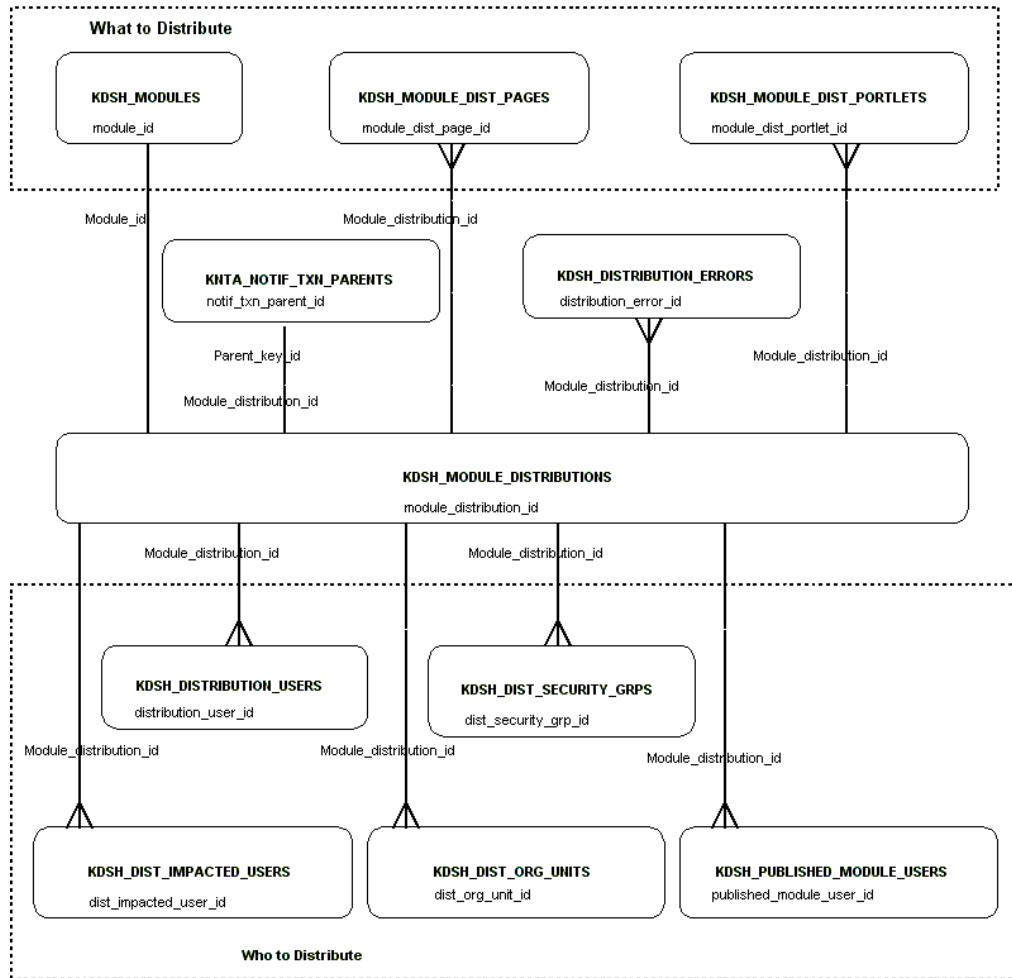


Figure 2-22. Module distribution

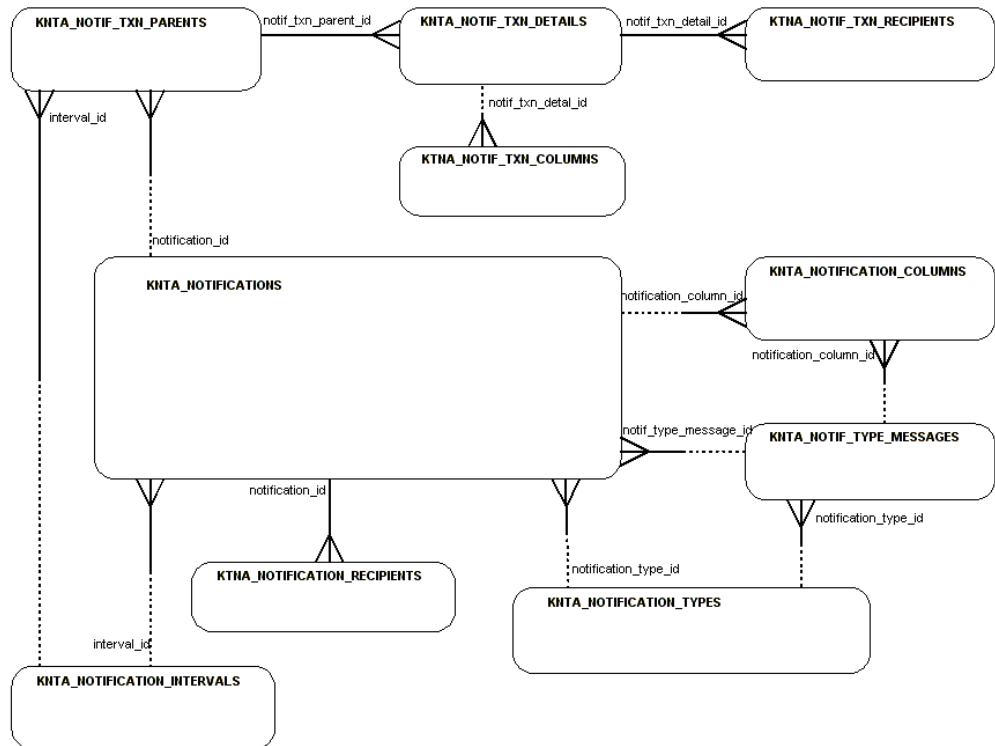


Figure 2-23. Notifications

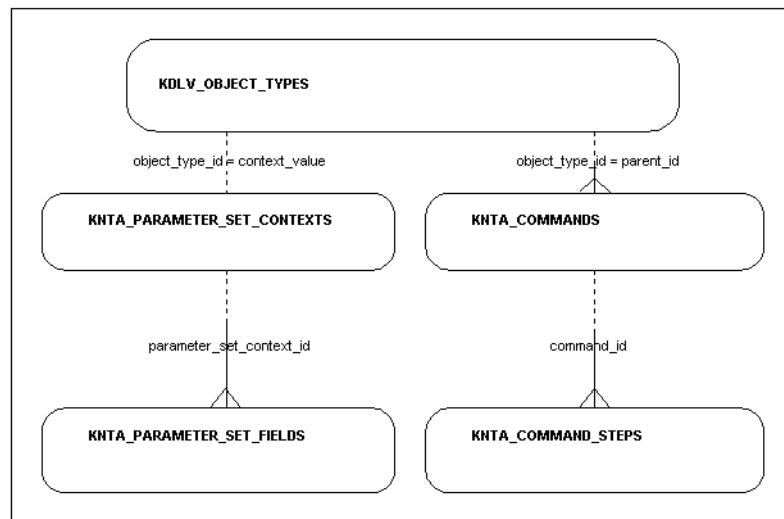


Figure 2-24. Object types

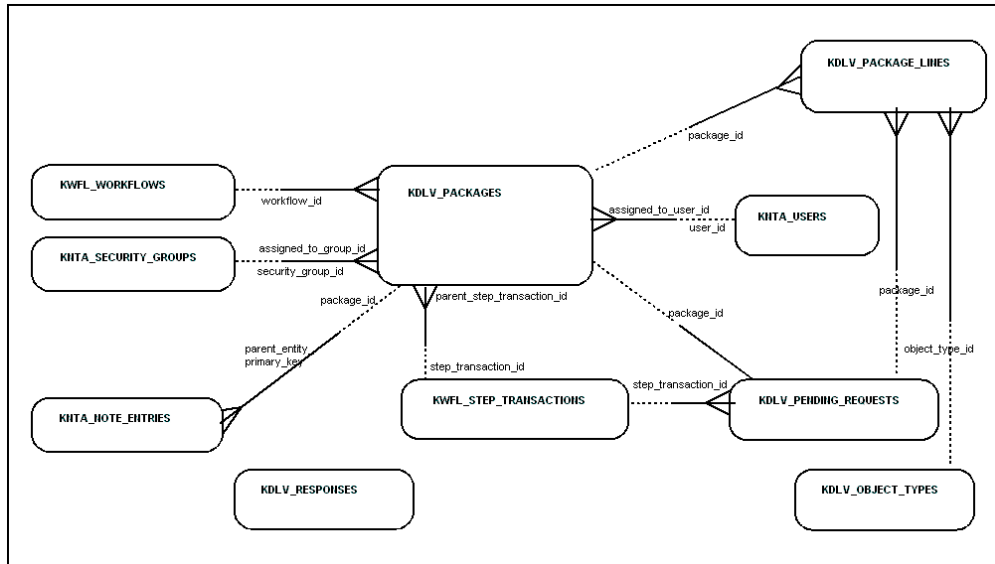


Figure 2-25. Packages

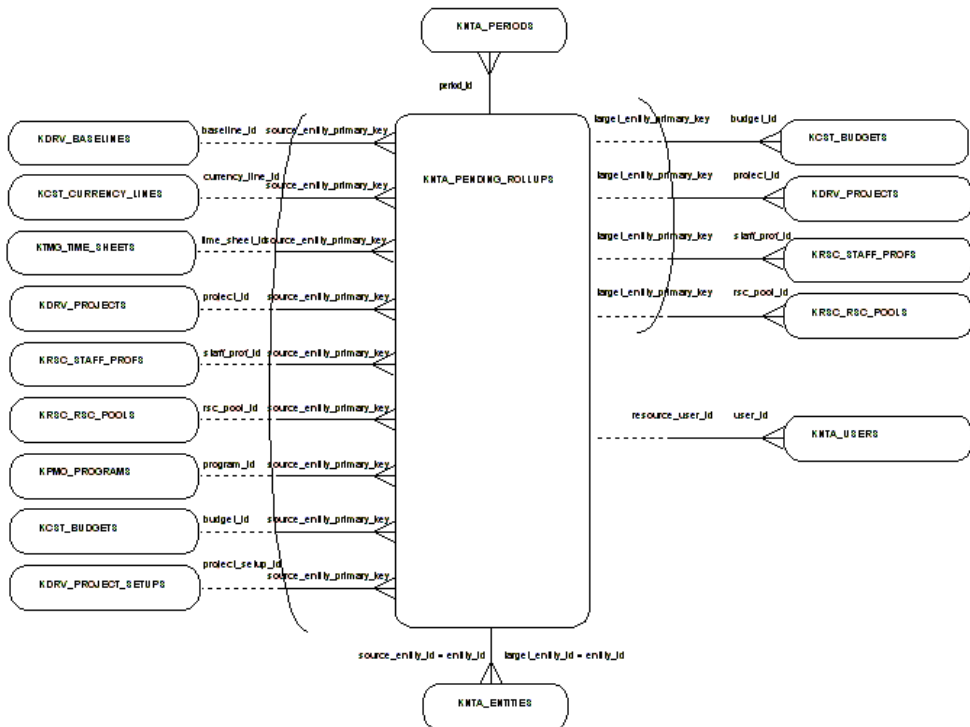


Figure 2-26. Pending rollups



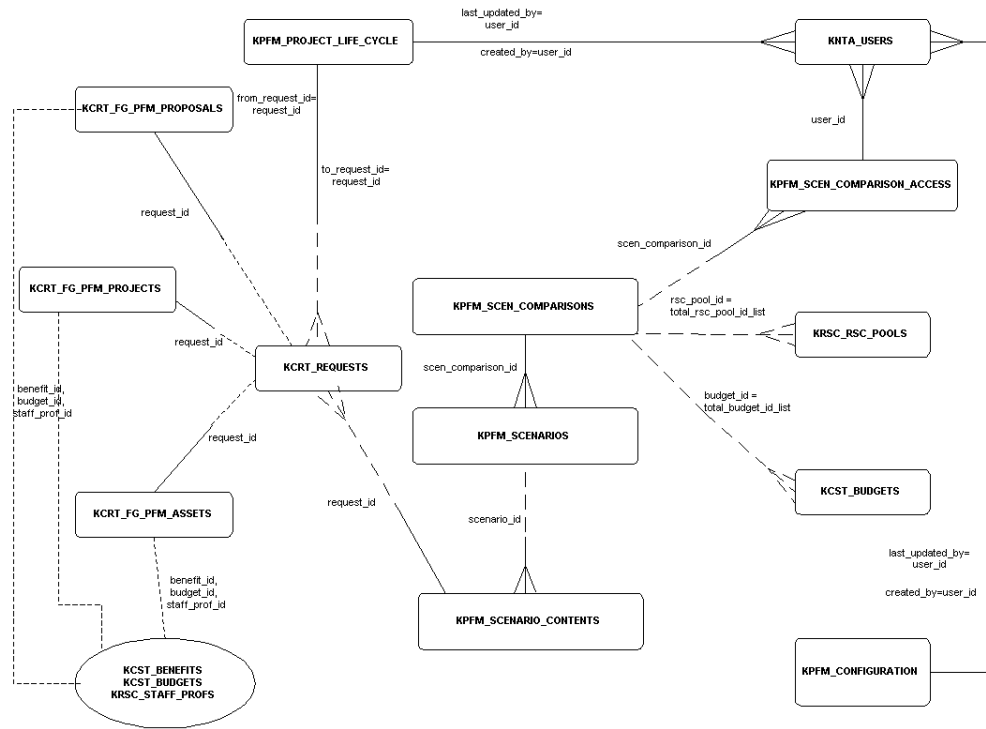


Figure 2-27. Portfolio Management

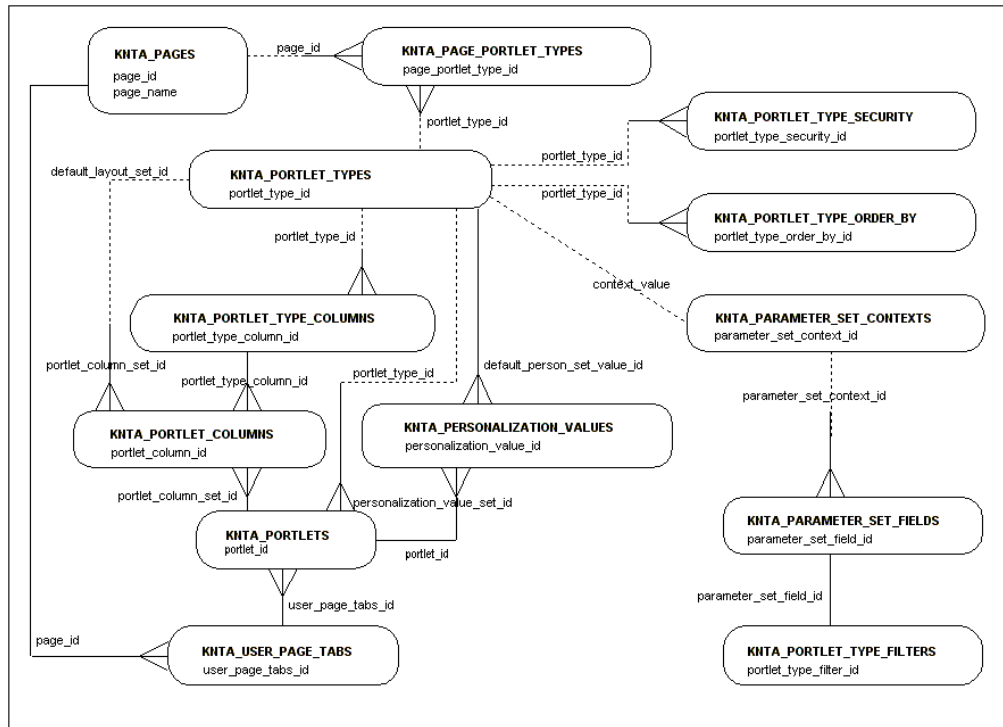


Figure 2-28. Portlets

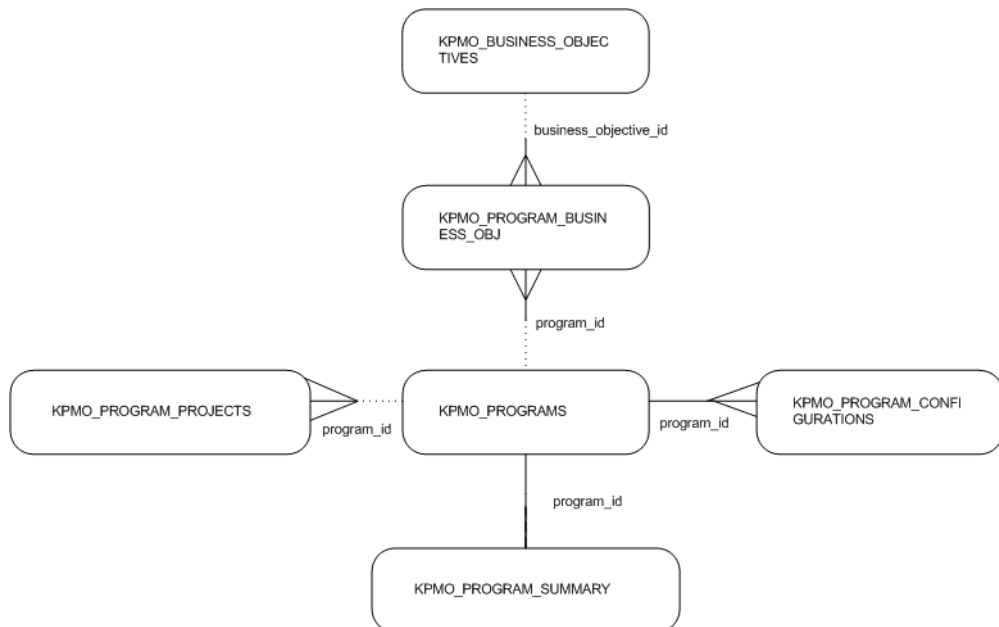


Figure 2-29. Program Management

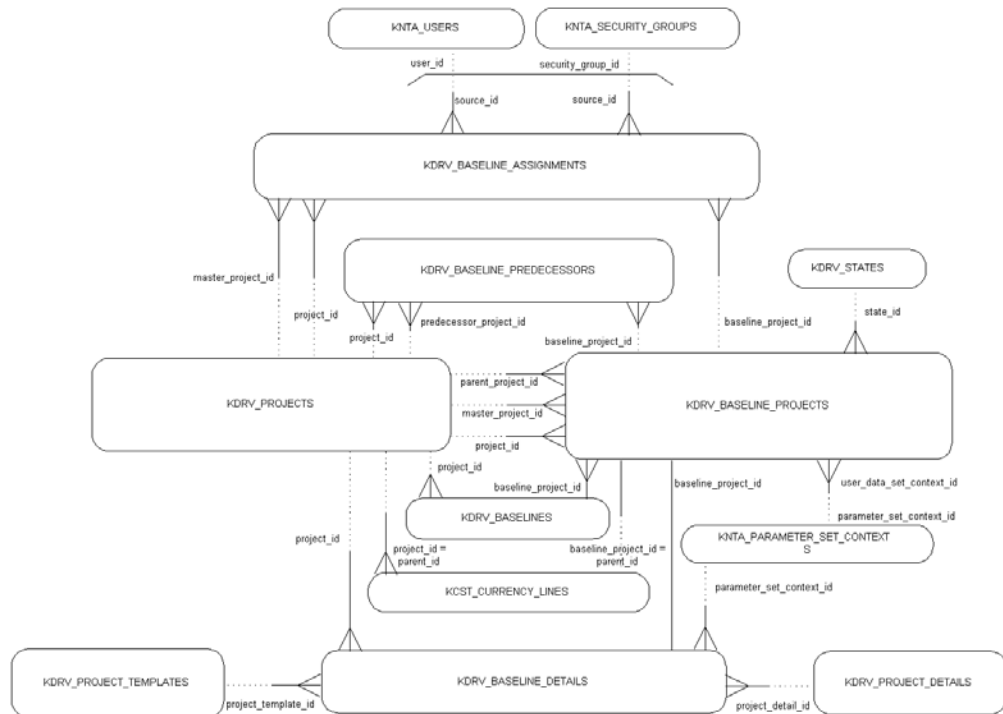


Figure 2-30. Project baselines

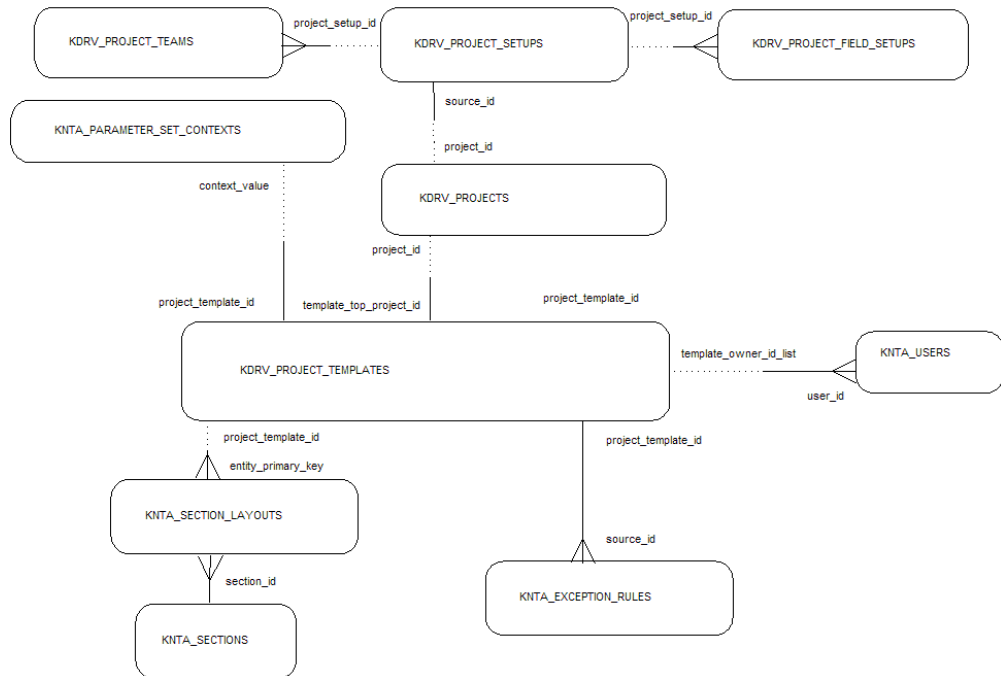


Figure 2-31. Project templates

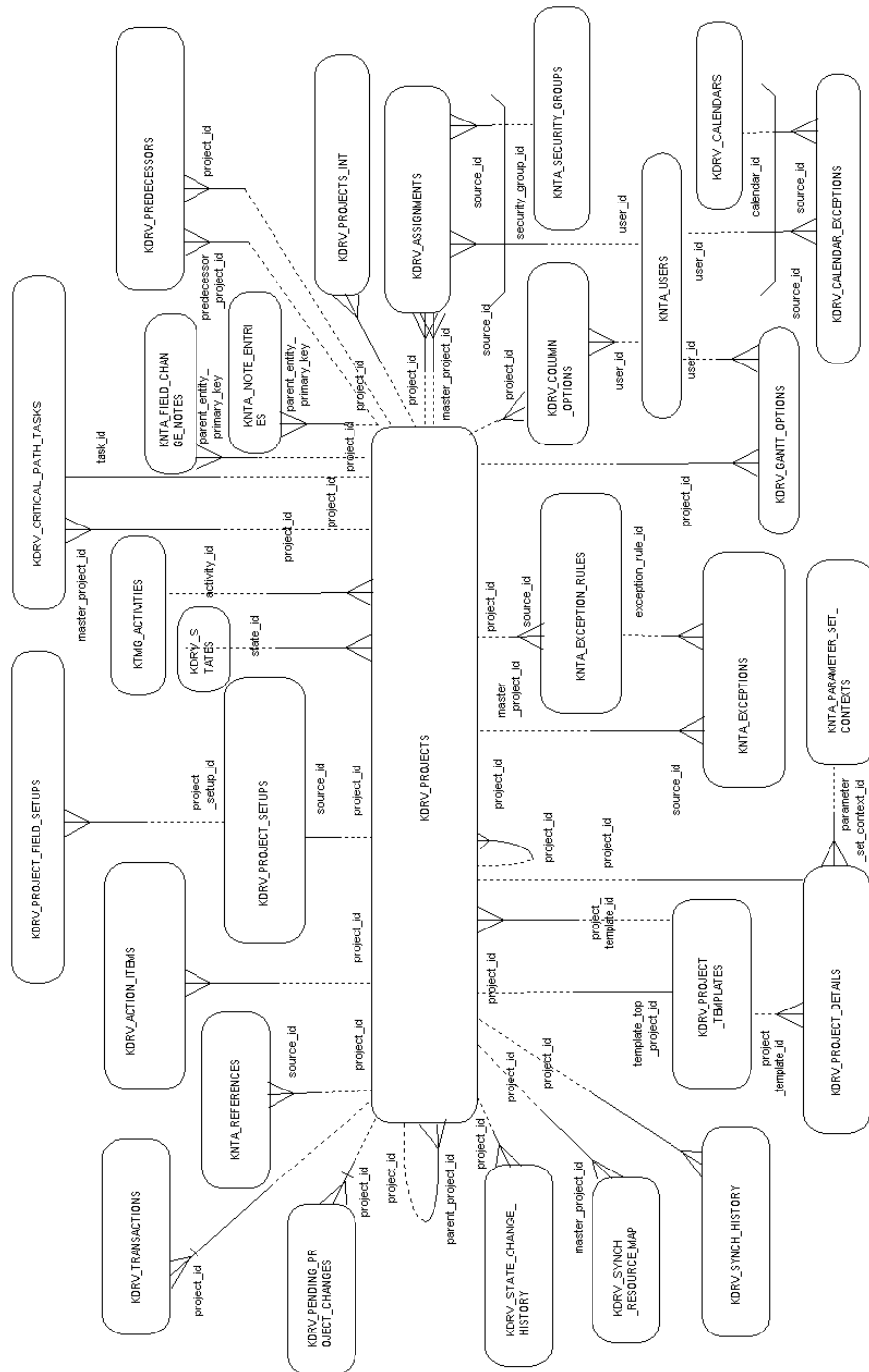


Figure 2-32. Project plans

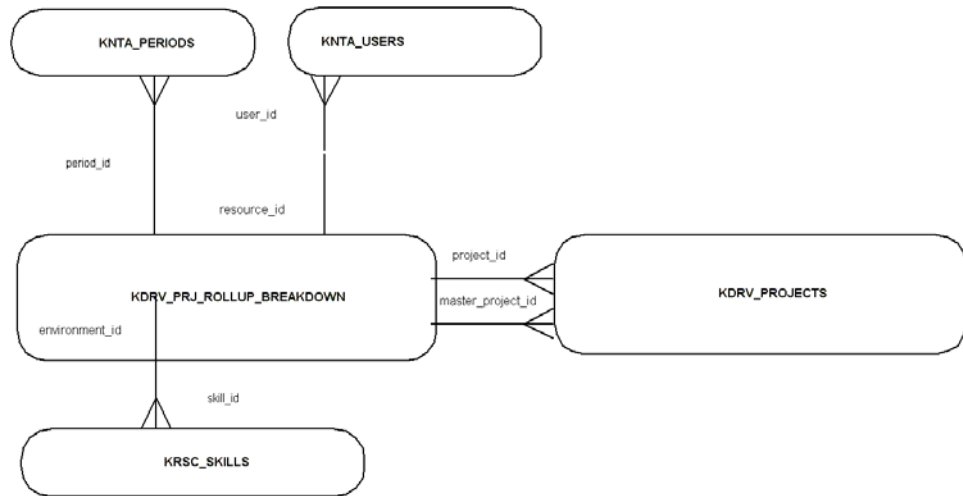


Figure 2-33. Project rollup breakdown

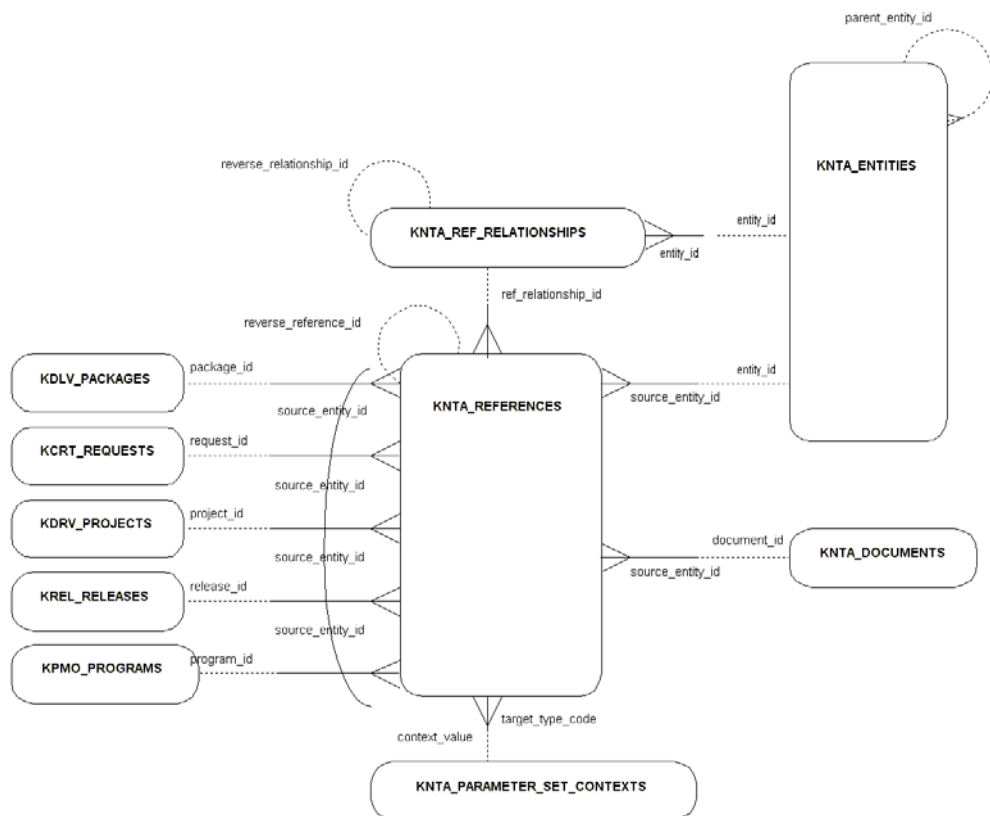


Figure 2-34. References

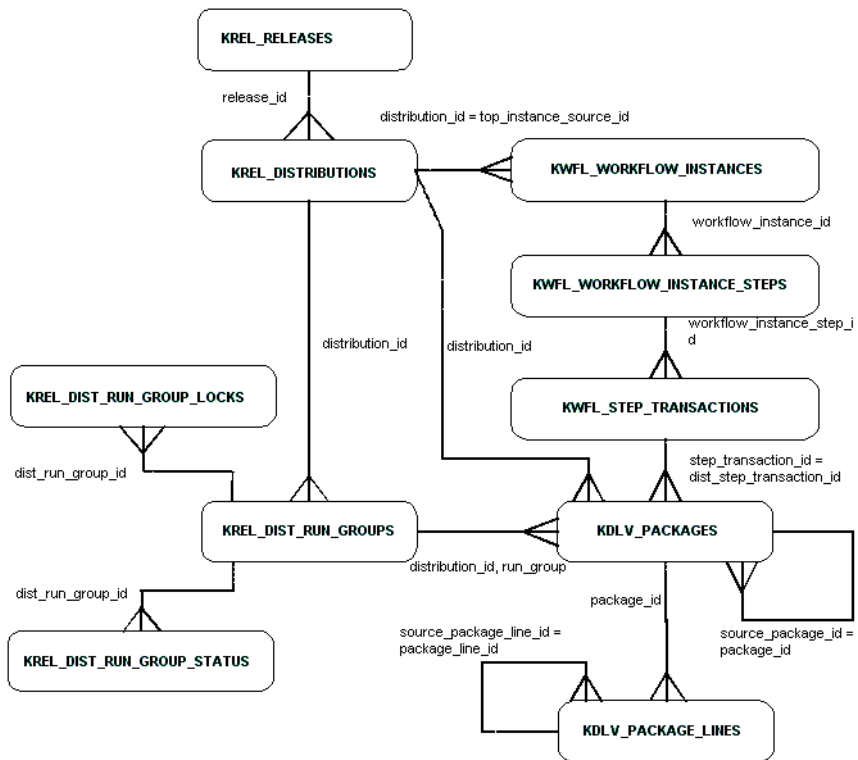


Figure 2-35. Release distributions

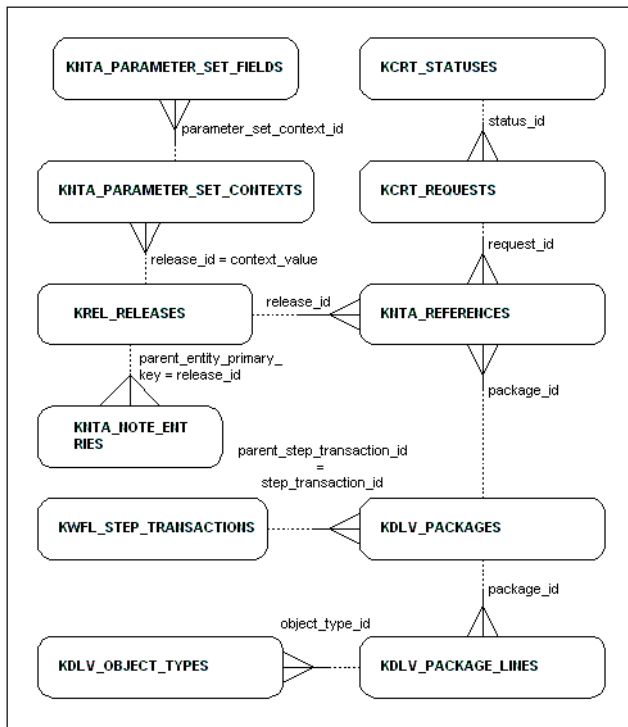


Figure 2-36. Releases



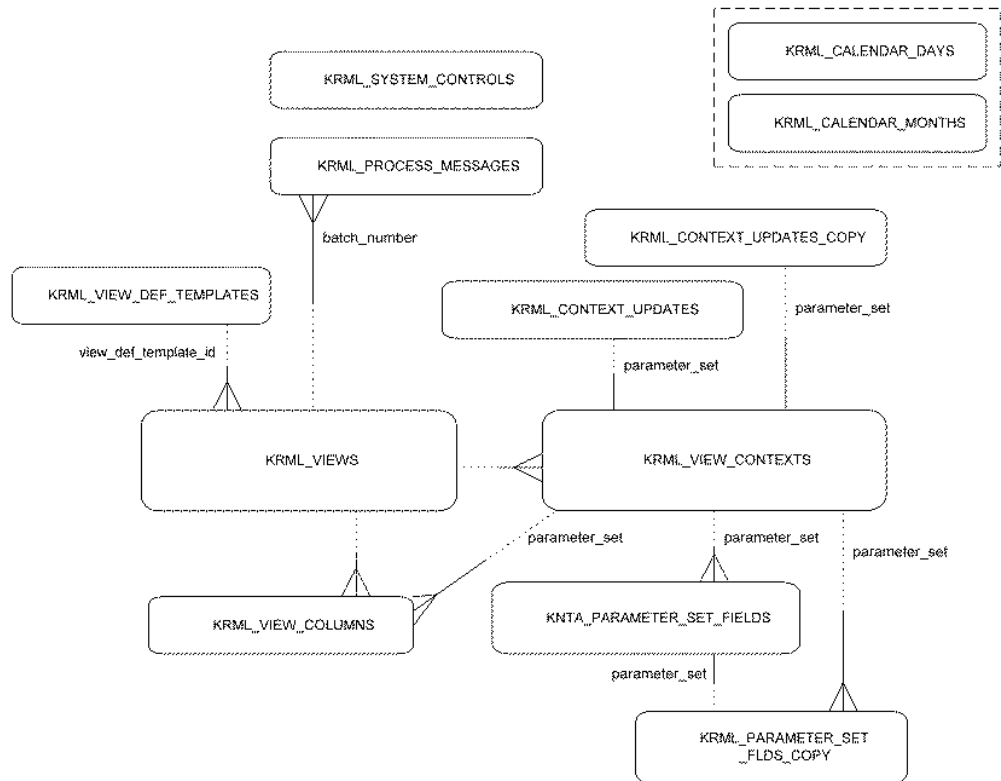


Figure 2-37. Reporting Meta Layer

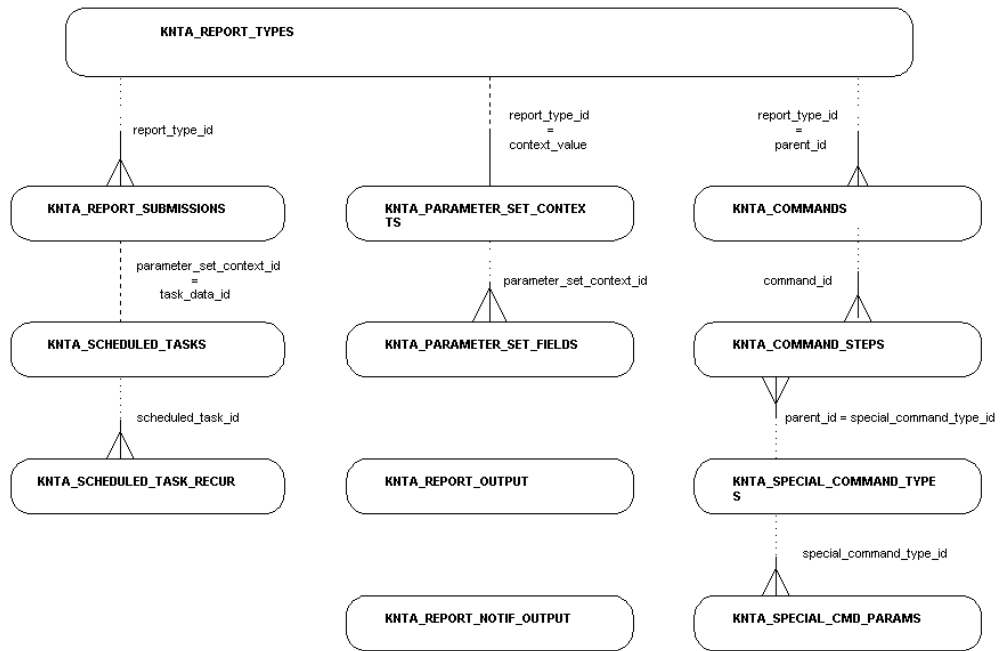


Figure 2-38. Reports

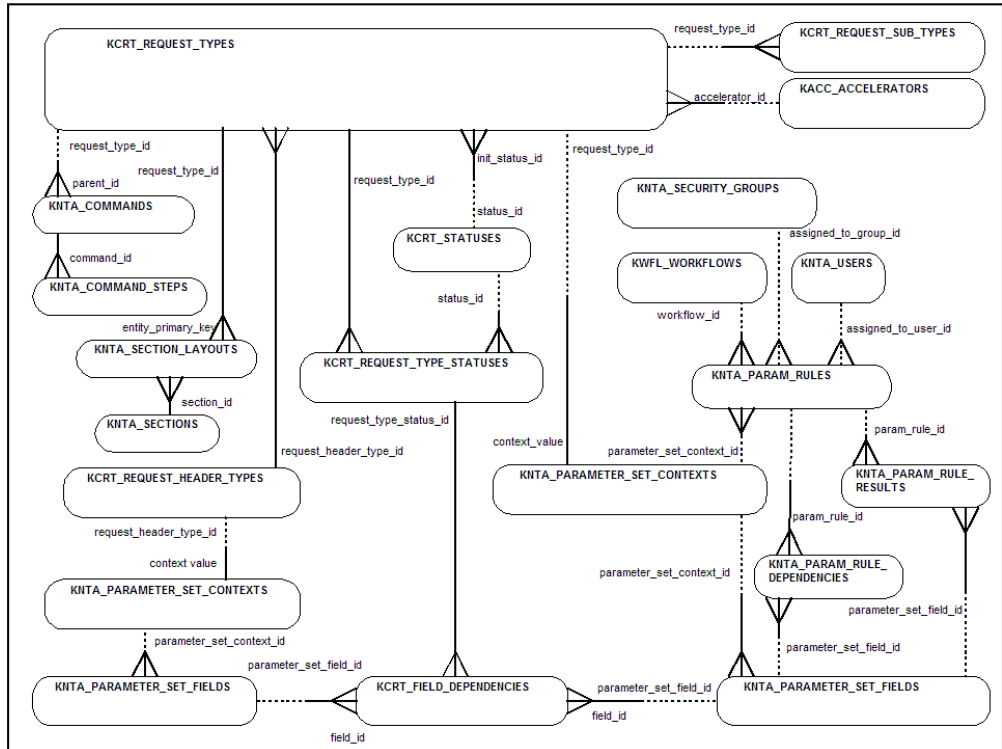


Figure 2-39. Request types

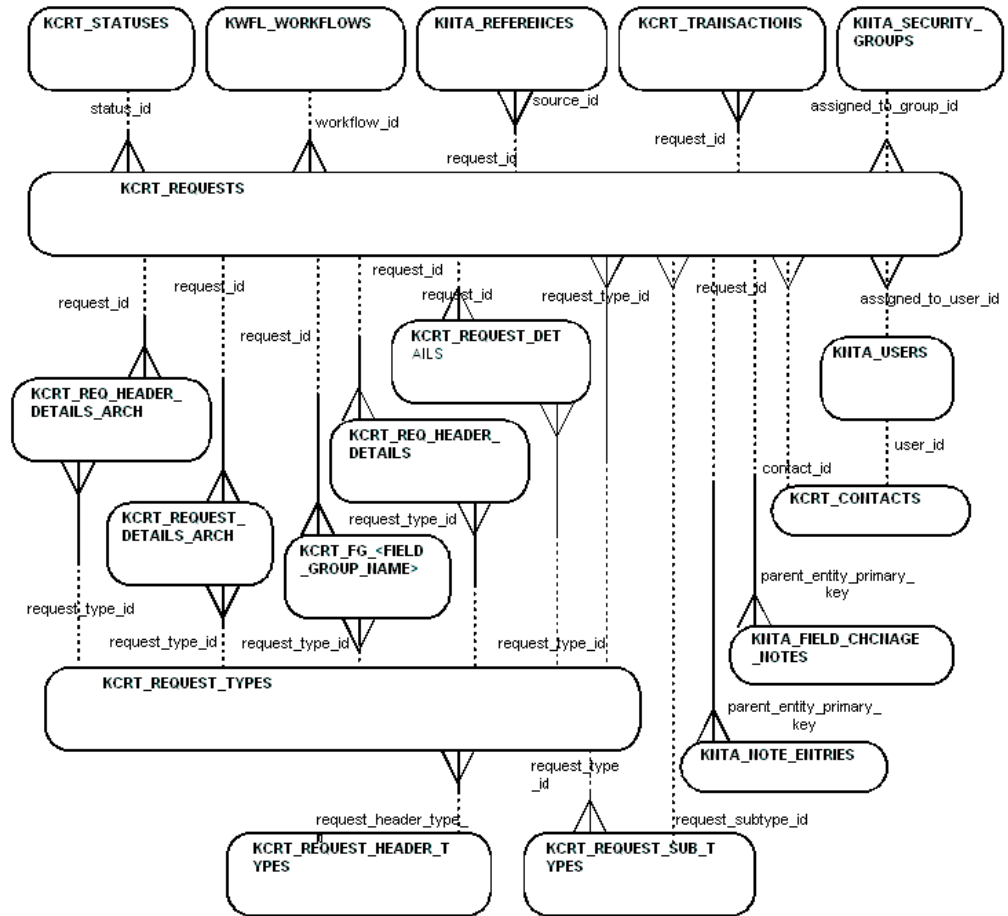


Figure 2-40. Requests

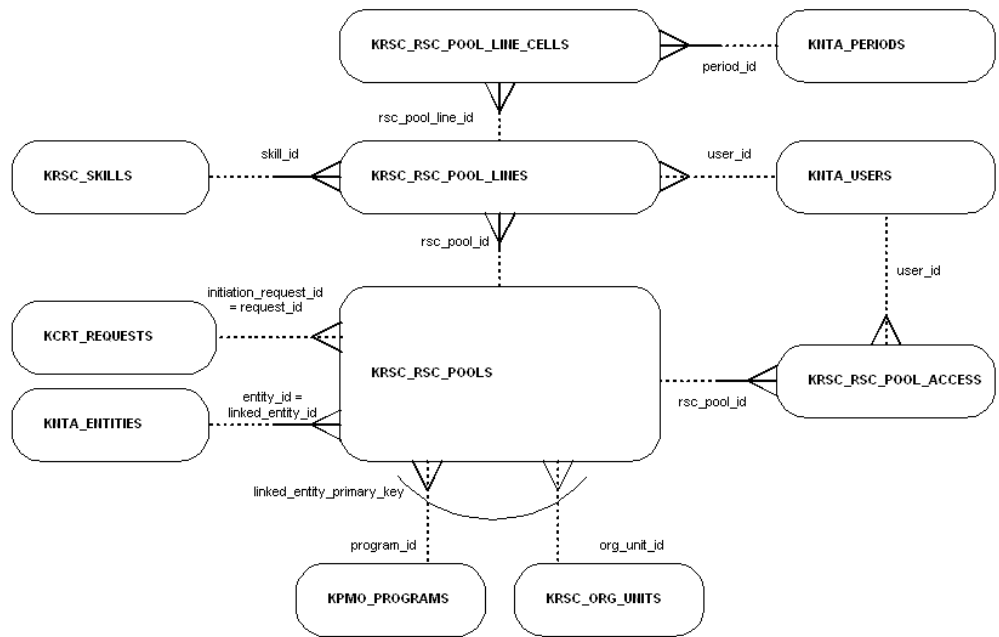


Figure 2-41. Resource pools

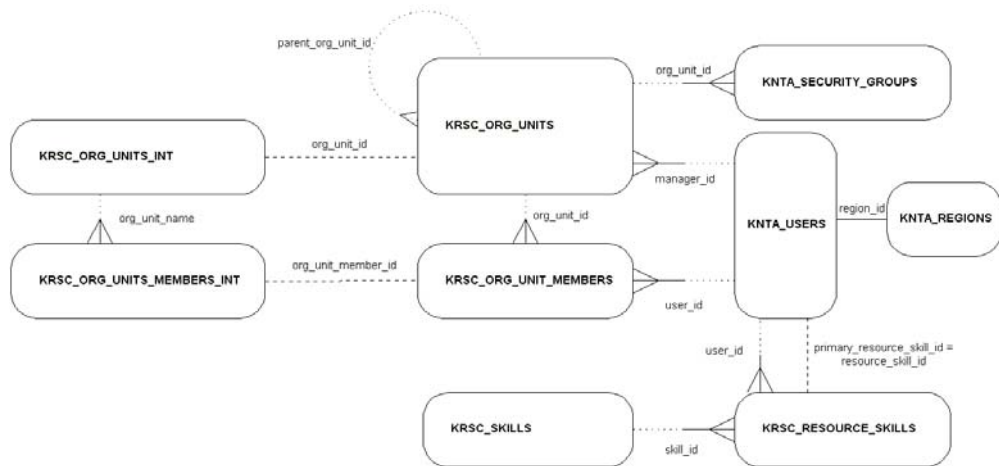


Figure 2-42. Resources

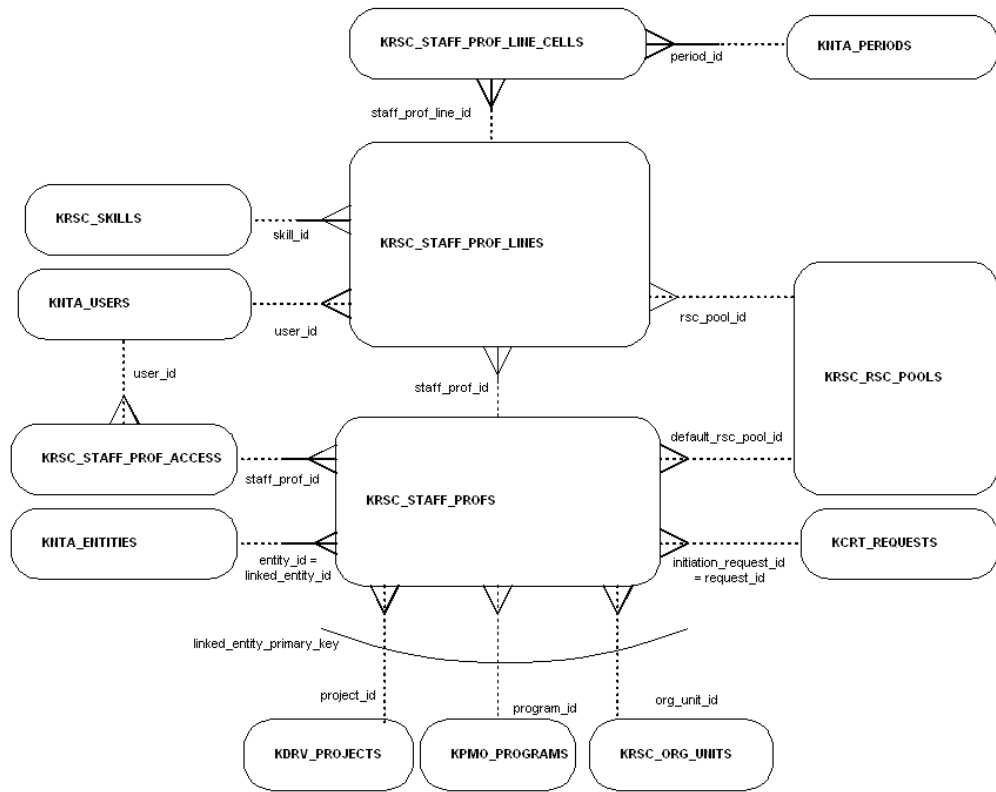


Figure 2-43. Staffing profiles

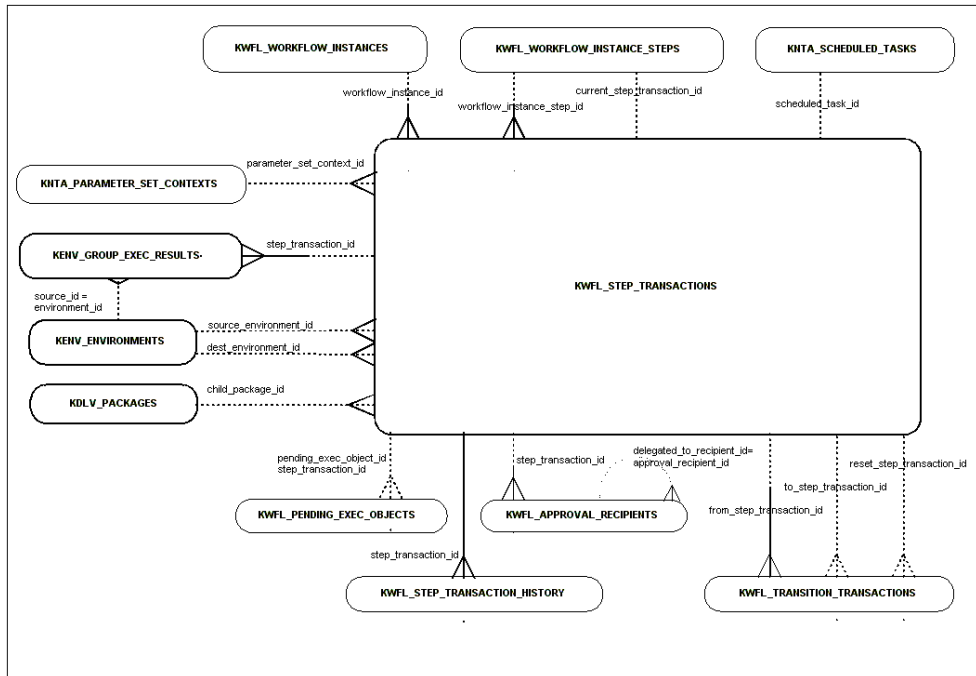


Figure 2-44. Step transactions

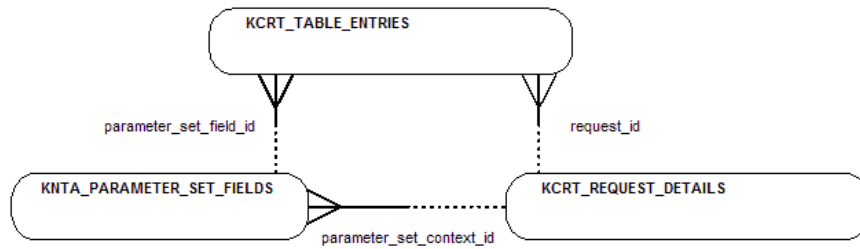


Figure 2-45. Table entries

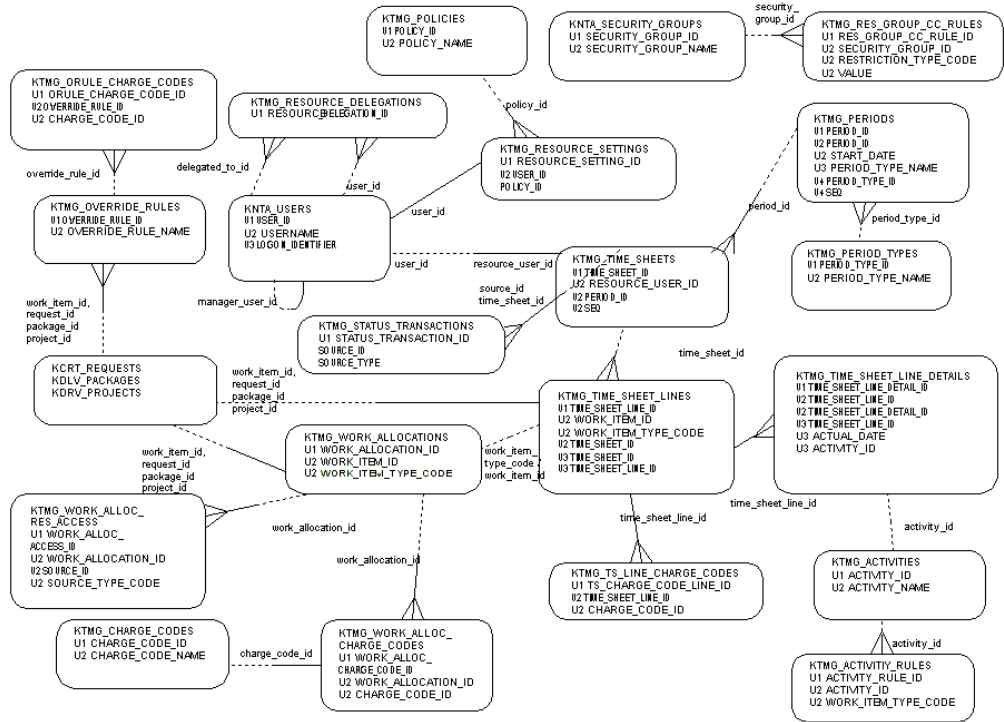


Figure 2-46. Time Management

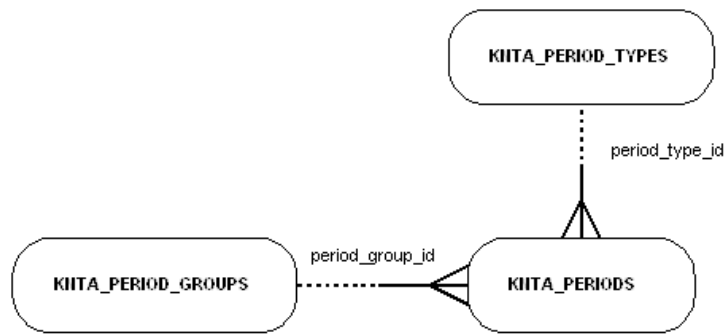


Figure 2-47. Time periods



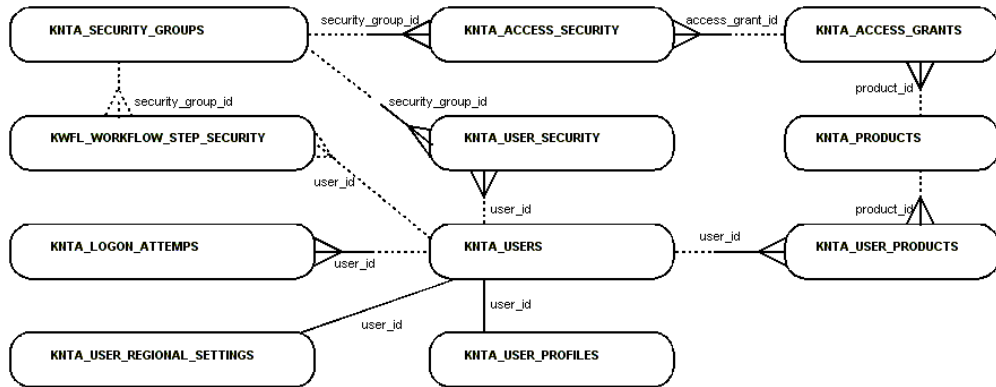
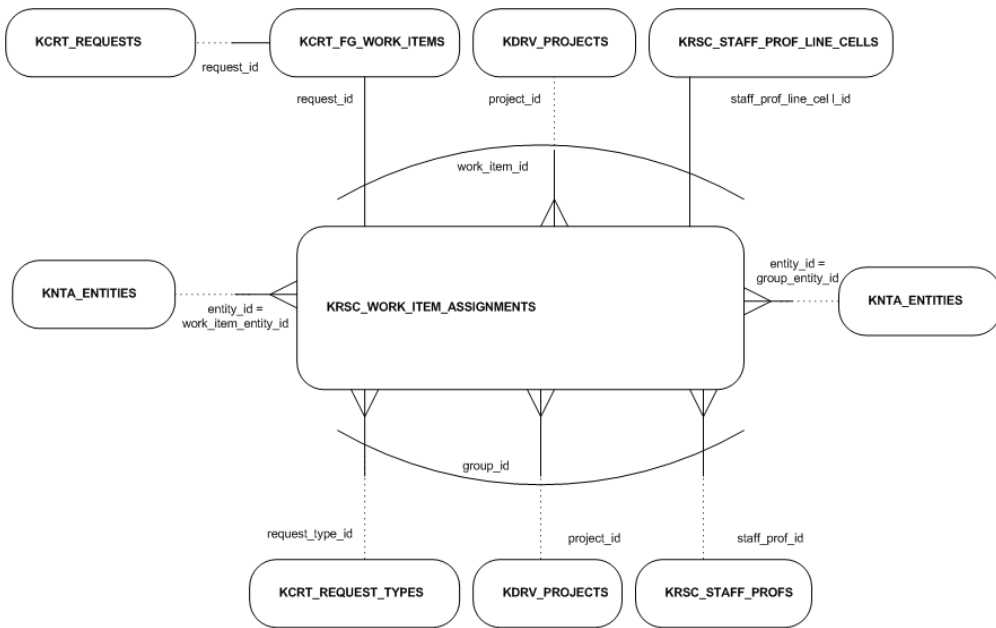


Figure 2-48. Users and security groups



**NOTE:**The KRSC\_WORK\_ITEM\_ASSIGNMENTS 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 Mercury IT Governance Server. This table serves as the data source for the Workload information in the Resource Management visualizations (available from the Resource Management menu).

Figure 2-49. Work item assignments

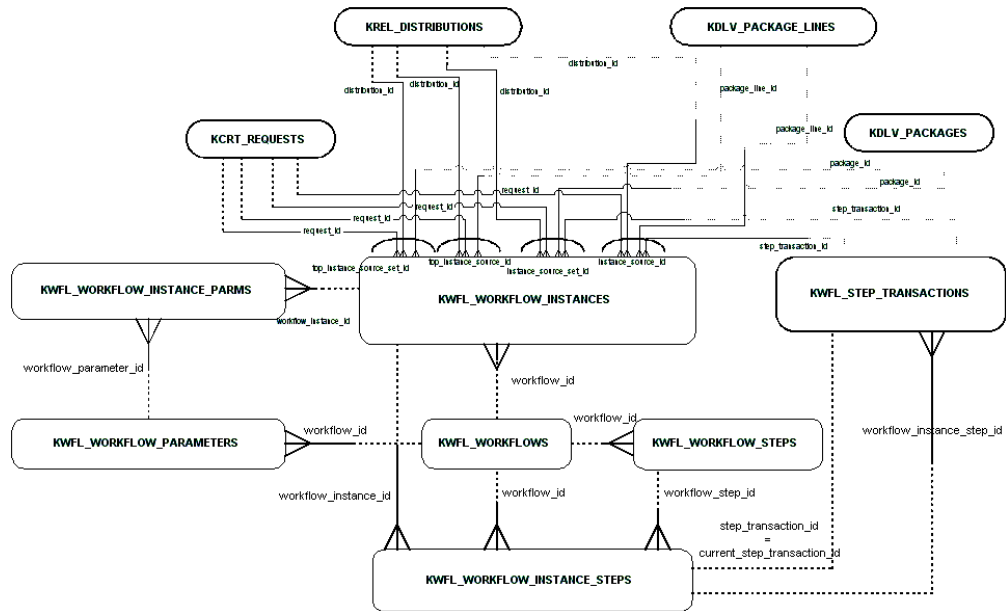


Figure 2-50. Workflow instances

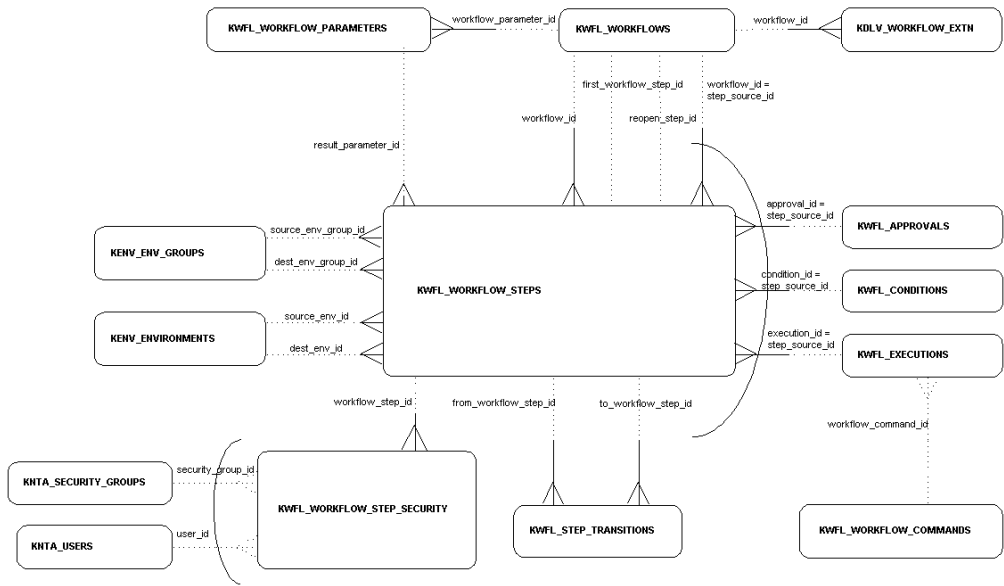


Figure 2-51. Workflows



# Chapter 3 Table Definitions

---

This chapter contains a detailed description of each table in the Mercury IT Governance 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 Mercury IT Governance Center.

---

## DSH\_BUILDER\_PORTLET\_DEFS

defines the available builder Portlet Definitions throughout the dashboard.

### Foreign Keys

This table does not have any foreign keys.

### Column Descriptions

Column Name	Null?	Data Type	Description
PORTLET_DEF_ID	NOT NULL	NUMBER	System-generated identifier
DATA_SOURCE	NOT NULL	VARCHAR2(200)	The identifier of the data source to use to fetch portlet data from
SHOW_PREFERENCE_SUMMARY	NOT NULL	CHAR	Indicates whether or not the preference summary should default to displayed at the top of portlets of this type
REQUIRE_EDIT_BEFORE_FIRST_VIEW	NOT NULL	CHAR	Indicates whether or not the user is required to edit the preferences of portlets of this type before viewing them for the first time

### Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C00545078	UNIQUE	1	PORTLET_DEF_ID

### Sequences

This table does not use any sequences.

---

## DSH\_DEFAULT\_MODULES

Determines the default module for the system. Currently, only one module can be specified as the default module

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
DSH_MODULES	MODULE_ID	MODULE_ID

### Column Descriptions

Column Name	Null?	Data Type	Description
DEFAULT_MODULE_ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	The version of this object instance, used for optimistic locking
MODULE_ID	NOT NULL	NUMBER	A reference to the Module that is the default module.
PUBLISH	NOT NULL	CHAR	Determines if the default module should be published or distributed.

### Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C00545087	UNIQUE	1	DEFAULT_MODULE_ID

### Sequences

This table does not use any sequences.

---

## DSH\_MODULES

Contains all instances of Modules that exists 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
MODULE_ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	The version of this module instance, used for optimistic locking
CREATED_BY	NOT NULL	VARCHAR2(200)	Identifier for the user that created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	VARCHAR2(200)	Identifier for the user that last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
NAME	NOT NULL	VARCHAR2(200)	Unique name for this module.
UUID	NOT NULL	VARCHAR2(50)	Universally unique identifier for this module. Generated automatically at creation time. Used to identify modules uniquely when importing migrated contents.
DESCRIPTION	NULL	VARCHAR2(2000)	Description of this module.
LAST_PUBLICATION_DATE	NULL	DATE	The date that this module was last published.
ALLOW_SELF_SERVICE	NOT NULL	CHAR	Determines whether this module will appear in the list of modules that authorized users can distribute to themselves from the Personalize Dashboard screen as "preconfigured dashboard content."
ENABLED	NOT NULL	CHAR	Determines if this module is enabled or disabled.

### Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C00545144	UNIQUE	1	MODULE_ID
SYS_C00545145	UNIQUE	1	NAME
SYS_C00545146	UNIQUE	1	UUID

### Sequences

This table does not use any sequences.



---

## DSH\_MODULE\_PUBLICATION\_USERS

Determines the list of users the associated module has been published to.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
DSH_MODULES	MODULE_ID	MODULE_ID
KNTA_USERS	USER_ID	USER_ID

### Column Descriptions

Column Name	Null?	Data Type	Description
MODULE_PUBLICATION_USER_ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	The version of this object instance, used for optimistic locking.
MODULE_ID	NOT NULL	NUMBER	Identifier of the module that was published to this user.
USER_ID	NOT NULL	VARCHAR2(200)	Identifier of the user the module was published to.

### Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C00545134	UNIQUE	1	MODULE_PUBLICATION_USER_ID

### Sequences

This table does not use any sequences.

---

## DSH\_PAGES

Determines all the Pages in the system. A Page represents a collection of portlets which are displayed together on a tab within the dashboard. A Page could belong to a user or a module.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
DSH_MODULES	MODULE_ID	MODULE_ID
DSH_PAGES	PAGE_ID	MODULE_PAGE_ID

### Column Descriptions

Column Name	Null?	Data Type	Description
PAGE_ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	The version of this object instance, used for optimistic locking.
PAGE_SEQUENCE	NOT NULL	NUMBER	Sequence of the page within the set of pages owned by the parent (user or module).
TITLE	NOT NULL	VARCHAR2(200)	The title of the page.
MODULE_PAGE_ID	NULL	NUMBER	If this is a published page, this column identifies the module page in the module that this page was created from
MODULE_ID	NULL	NUMBER	Identifier of the Module that this page belongs to if any
AUTO_REFRESH	NOT NULL	CHAR	Determines if this page should refresh automatically.
REFRESH_INTERVAL	NOT NULL	NUMBER	The number of milliseconds to wait between refreshing the page automatically.
HAS_CHANGED_SINCE_VIEW	NOT NULL	CHAR	Indicates if this page was created or modified by the module distribution process. Once the owner views the page for the first time, the flag is set back to false.
TOUCH	NULL	CHAR	Used to force the increment of the page version.

### Indexes

Index Name	Index Type	Sequence	Column Name
SYS_C00545154	UNIQUE	1	PAGE_ID

### Sequences

This table does not use any sequences.

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## DSH\_PORTLETS

Contains all instances of Portlet Definitions with user created preferences and layout information associated with them

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
DSH_BUILDER_PORTLET_DEFS	PORTLET_DEF_ID	PORTLET_DEF_ID
DSH_PAGES	PAGE_ID	PAGE_ID
DSH_PORTLET_DEFS	PORTLET_DEF_ID	PORTLET_DEF_ID

### Column Descriptions

Column Name	Null?	Data Type	Description
PORTLET_ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	The version of this object instance, used for optimistic locking
PORTLET_DEF_ID	NOT NULL	NUMBER	The Portlet Definition that this portlet is an instance of
PAGE_ID	NOT NULL	NUMBER	The Page that is the parent of this portlet
LAYOUT_WIDTH	NOT NULL	NUMBER	The width (in columns) of the portlet, when it appears on its page with other portlets in a layout
LAYOUT_COLUMN	NOT NULL	NUMBER	The zero-based column of the portlet, when it appears on its page with other portlets in a layout
LAYOUT_ROW	NOT NULL	NUMBER	The zero-based row of the portlet, when it appears on its page with other portlets in a layout
TITLE	NOT NULL	VARCHAR2(200)	The string name of the portlet
IS_MINIMIZED	NOT NULL	CHAR	True if this portlet is minimized into a bar, rather than displaying its content
HAS_CHANGED_SINCE_VIEW	NOT NULL	CHAR	This flag is set to true if this portlet was created or modified by the module distribution process. Once the owner views the portlet for the first time, the flag is set back to false

### Indexes

Index Name	Index Type	Sequence	Column Name
DSH_PORTLETS_N1	NOT UNIQUE	1	PAGE_ID
DSH_PORTLETS_N2	NOT UNIQUE	1	PORTLET_DEF_ID
SYS_C00545211	UNIQUE	1	PORTLET_ID

### Sequences

This table does not use any sequences.

## DSH\_PORTLET\_DEFS

defines the available Portlet Definitions 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
PORTLET_DEF_ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	The version of this object instance, used for optimistic locking
NAME	NOT NULL	VARCHAR2(200)	Unique name for this portlet definition. This is the name that will appear to users.
UUID	NOT NULL	VARCHAR2(50)	Universally unique identifier for this portlet definition. Generated automatically at creation time. Used to identify portlet definitions uniquely when importing migrated contents.
DESCRIPTION	NULL	VARCHAR2(240)	Description of this portlet definition. This will mostly be used to help users adding portlets to their dashboard identify whether or not this portlet is what their looking for.
TIMEOUT	NULL	NUMBER	Unused
DEFAULT_WIDTH	NOT NULL	NUMBER	The default width of portlets created with this portlet definition
ENABLED	NOT NULL	CHAR	Indicates whether this portlet is available for users to use. Disabled portlets are not displayed in dashboards.
EXPORT_AS_WSRP	NOT NULL	CHAR	Indicates whether this portlet will be available over WSRP for external portals to include them.
CREATED_BY	NOT NULL	VARCHAR2(200)	Identifier for the user that created the record
CREATION_DATE	NOT NULL	DATE	Date record was created
LAST_UPDATED_BY	NOT NULL	VARCHAR2(200)	Identifier for the user that last updated the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
BUILT_IN	NOT NULL	CHAR	A built-in portlet definition, which can't be changed.
TYPE	NOT NULL	VARCHAR2(20)	A string indicating the type of the portlet (Bubble Chart, List, etc.).
HELP_TEXT	NULL	CLOB	A block of HTML text which will be displayed to users when they request help for a portlet. Used for builder portlets only.

*Indexes*

Index Name	Index Type	Sequence	Column Name
SYS_C00545188	UNIQUE	1	PORTLET_DEF_ID
SYS_C00545189	UNIQUE	1	NAME
SYS_C00545190	UNIQUE	1	UUID

*Sequences*

This table does not use any sequences.

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## DSH\_PORTLET\_PREFERENCES

Contains user specified preference options to personalize how the portlet instance will appear to them.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
DSH_PORTLETS	PORTLET_ID	PORTLET_ID
KNTA_PORTLETS	PORTLET_ID	PORTLET_ID

### Column Descriptions

Column Name	Null?	Data Type	Description
PORTLET_PREFERENCE_ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	The version of this object instance, used for optimistic locking
NAME	NOT NULL	VARCHAR2(200)	The name of this portlet preference which will uniquely identify it
PORTLET_ID	NOT NULL	NUMBER	The Portlet that this preference is associated with.

### Indexes

Index Name	Index Type	Sequence	Column Name
DSH_PORTLET_PREFS_N1	NOT UNIQUE	1	PORTLET_ID
DSH_PORTLET_PREFS_U1	UNIQUE	1	PORTLET_ID
DSH_PORTLET_PREFS_U1	UNIQUE	2	NAME
SYS_C00545200	UNIQUE	1	PORTLET_PREFERENCE_ID

### Sequences

This table does not use any sequences.

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## DSH\_PORTLET\_PREFERENCE\_VALUES

One value in a preference, which may have several values.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
DSH_PORTLET_PREFERENCES	PORTLET_PREFERENCE_ID	PORTLET_PREFERENCE_ID

### Column Descriptions

Column Name	Null?	Data Type	Description
PORTLET_PREFERENCE_VALUE_ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	The version of this object instance, used for optimistic locking
PORTLET_PREFERENCE_ID	NOT NULL	NUMBER	The Portlet Preference that is the parent of this object.
VALUE	NULL	VARCHAR2(4000)	The value
PREF_SEQUENCE	NOT NULL	NUMBER	A sequence number indicating the order of the preference value.

### Indexes

Index Name	Index Type	Sequence	Column Name
DSH_PORTLET_PREF_VALUES_N1	NOT UNIQUE	1	PORTLET_PREFERENCE_ID
SYS_C00545195	UNIQUE	1	PORTLET_PREFERENCE_VALUE_ID

### Sequences

This table does not use any sequences.

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## DSH\_USER\_PAGES

A collection of dashboard Pages that are configured to display on a user's dashboard

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
DSH_PAGES	PAGE_ID	PAGE_ID
KNTA_PAGES	PAGE_ID	PAGE_ID
KNTA_USERS	USER_ID	USER_ID

### Column Descriptions

Column Name	Null?	Data Type	Description
USER_PAGE_ID	NOT NULL	NUMBER	System-generated identifier
VERSION	NOT NULL	NUMBER	The version of this object instance, used for optimistic locking
USER_ID	NOT NULL	VARCHAR2(200)	User identifier for whom this page will be displayed.
PAGE_ID	NOT NULL	NUMBER	The Page to be displayed for this user.

### Indexes

Index Name	Index Type	Sequence	Column Name
DSH_USER_PAGES_N1	NOT UNIQUE	1	USER_ID
SYS_C00545222	UNIQUE	1	USER_PAGE_ID
SYS_C00545223	UNIQUE	1	PAGE_ID

### Sequences

This table does not use any sequences.



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## 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(80)	The long name of the Accelerator. It can contain spaces.
SHORT_NAME	NULL	VARCHAR2(80)	An abbreviation of the accelerator name with no spaces.
DESCRIPTION	NULL	VARCHAR2(240)	Description of the accelerator
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	'Y' if the Accelerator is installed, no otherwise.
VERSION	NULL	VARCHAR2(10)	The release number of the accelerator: 3.0.1 or 3.0.1.a. The first 3 digits correspond with the Kintana release.
ORIGINAL_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	No used. They all will be 'N'
TOKEN_NAME_PREFIX	NOT NULL	VARCHAR2(20)	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.

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## 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
KACC_ACCELERATORS	ACCELERATOR_ID	ACCELERATOR_ID
KNTA_ENTITIES	ENTITY_ID	PARENT_ENTITY_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

### 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	NULL	VARCHAR2(240)	Description of the tab
JAVA_CLASS	NOT NULL	VARCHAR2(100)	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
KACC_PLUG_TABS	PLUG_TAB_ID	PLUG_TAB_ID
KENV_ENVIRONMENTS	ENVIRONMENT_ID	PARENT_ID
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	PARAMETER_SET_CONTEXT_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	PARENT_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY

### 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
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Determines if the fields in the Environment or User tab are enabled or not.
PARAMETER_SET_CONTEXT_ID	NULL	NUMBER	Foreign key to KNTA_PARAMETER_SET_CONTEXTS
PARAMETER1	NULL	VARCHAR2(200)	Environment/User Parameter
VISIBLE_PARAMETER1	NULL	VARCHAR2(200)	Environment/User Parameter
PARAMETER2	NULL	VARCHAR2(200)	Environment/User Parameter
VISIBLE_PARAMETER2	NULL	VARCHAR2(200)	Environment/User Parameter
PARAMETER3	NULL	VARCHAR2(200)	Environment/User Parameter
VISIBLE_PARAMETER3	NULL	VARCHAR2(200)	Environment/User Parameter
PARAMETER4	NULL	VARCHAR2(200)	Environment/User Parameter
VISIBLE_PARAMETER4	NULL	VARCHAR2(200)	Environment/User Parameter
PARAMETER5	NULL	VARCHAR2(200)	Environment/User Parameter
VISIBLE_PARAMETER5	NULL	VARCHAR2(200)	Environment/User Parameter
PARAMETER6	NULL	VARCHAR2(200)	Environment/User Parameter
VISIBLE_PARAMETER6	NULL	VARCHAR2(200)	Environment/User Parameter
PARAMETER7	NULL	VARCHAR2(200)	Environment/User Parameter
VISIBLE_PARAMETER7	NULL	VARCHAR2(200)	Environment/User Parameter
PARAMETER8	NULL	VARCHAR2(200)	Environment/User Parameter
VISIBLE_PARAMETER8	NULL	VARCHAR2(200)	Environment/User Parameter
PARAMETER9	NULL	VARCHAR2(200)	Environment/User Parameter
VISIBLE_PARAMETER9	NULL	VARCHAR2(200)	Environment/User Parameter
PARAMETER10	NULL	VARCHAR2(200)	Environment/User Parameter
VISIBLE_PARAMETER10	NULL	VARCHAR2(200)	Environment/User Parameter
PARAMETER11	NULL	VARCHAR2(200)	Environment/User Parameter
VISIBLE_PARAMETER11	NULL	VARCHAR2(200)	Environment/User Parameter
PARAMETER12	NULL	VARCHAR2(200)	Environment/User Parameter



Column Name	Null?	Data Type	Description
VISIBLE_PARAMETER38	NULL	VARCHAR2 (200)	Environment/User Parameter
PARAMETER39	NULL	VARCHAR2 (200)	Environment/User Parameter
VISIBLE_PARAMETER39	NULL	VARCHAR2 (200)	Environment/User Parameter
PARAMETER40	NULL	VARCHAR2 (200)	Environment/User Parameter
VISIBLE_PARAMETER40	NULL	VARCHAR2 (200)	Environment/User Parameter
PARAMETER41	NULL	VARCHAR2 (200)	Environment/User Parameter
VISIBLE_PARAMETER41	NULL	VARCHAR2 (200)	Environment/User Parameter
PARAMETER42	NULL	VARCHAR2 (200)	Environment/User Parameter
VISIBLE_PARAMETER42	NULL	VARCHAR2 (200)	Environment/User Parameter
PARAMETER43	NULL	VARCHAR2 (200)	Environment/User Parameter
VISIBLE_PARAMETER43	NULL	VARCHAR2 (200)	Environment/User Parameter
PARAMETER44	NULL	VARCHAR2 (200)	Environment/User Parameter
VISIBLE_PARAMETER44	NULL	VARCHAR2 (200)	Environment/User Parameter
PARAMETER45	NULL	VARCHAR2 (200)	Environment/User Parameter
VISIBLE_PARAMETER45	NULL	VARCHAR2 (200)	Environment/User Parameter
PARAMETER46	NULL	VARCHAR2 (200)	Environment/User Parameter
VISIBLE_PARAMETER46	NULL	VARCHAR2 (200)	Environment/User Parameter
PARAMETER47	NULL	VARCHAR2 (200)	Environment/User Parameter
VISIBLE_PARAMETER47	NULL	VARCHAR2 (200)	Environment/User Parameter
PARAMETER48	NULL	VARCHAR2 (200)	Environment/User Parameter
VISIBLE_PARAMETER48	NULL	VARCHAR2 (200)	Environment/User Parameter
PARAMETER49	NULL	VARCHAR2 (200)	Environment/User Parameter
VISIBLE_PARAMETER49	NULL	VARCHAR2 (200)	Environment/User Parameter
PARAMETER50	NULL	VARCHAR2 (200)	Environment/User Parameter
VISIBLE_PARAMETER50	NULL	VARCHAR2 (200)	Environment/User Parameter

*Indexes*

Index Name	Index Type	Sequence	Column Name
KACC_PLUG_TAB_INSTANCES_U1	UNIQUE	1	PLUG_TAB_INSTANCE_ID

*Sequences*

Sequence Name	Column Name
KACC_PLUG_TAB_INSTANCES_S	PLUG_TAB_INSTANCE_ID

## KCRT\_CONTACTS

This table holds the contact entities. Kintana Create 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_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
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(30)	The contact person's first name
LAST_NAME	NOT NULL	VARCHAR2(30)	The contact person's last name
FULL_NAME	NOT NULL	VARCHAR2(80)	The contact person's full name
USER_ID	NULL	NUMBER	Identifier for the user associated with this contact
PHONE_NUMBER	NULL	VARCHAR2(30)	The contact person's phone number
EMAIL_ADDRESS	NULL	VARCHAR2(80)	The contact person's email address
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether or not this contact is available for use.
USER_DATA_SET_CONTEXT_ID	NULL	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA1	NULL	VARCHAR2(200)	User data segment
USER_DATA2	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA2	NULL	VARCHAR2(200)	User data segment
USER_DATA3	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA3	NULL	VARCHAR2(200)	User data segment
USER_DATA4	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA4	NULL	VARCHAR2(200)	User data segment
USER_DATA5	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA5	NULL	VARCHAR2(200)	User data segment
USER_DATA6	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA6	NULL	VARCHAR2(200)	User data segment
USER_DATA7	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA7	NULL	VARCHAR2(200)	User data segment
USER_DATA8	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA8	NULL	VARCHAR2(200)	User data segment
USER_DATA9	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA9	NULL	VARCHAR2(200)	User data segment
USER_DATA10	NULL	VARCHAR2(200)	User data segment

Column Name	Null?	Data Type	Description
VISIBLE_USER_DATA10	NULL	VARCHAR2 (200)	User data segment
USER_DATA11	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA11	NULL	VARCHAR2 (200)	User data segment
USER_DATA12	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA12	NULL	VARCHAR2 (200)	User data segment
USER_DATA13	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA13	NULL	VARCHAR2 (200)	User data segment
USER_DATA14	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA14	NULL	VARCHAR2 (200)	User data segment
USER_DATA15	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA15	NULL	VARCHAR2 (200)	User data segment
USER_DATA16	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA16	NULL	VARCHAR2 (200)	User data segment
USER_DATA17	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA17	NULL	VARCHAR2 (200)	User data segment
USER_DATA18	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA18	NULL	VARCHAR2 (200)	User data segment
USER_DATA19	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA19	NULL	VARCHAR2 (200)	User data segment
USER_DATA20	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA20	NULL	VARCHAR2 (200)	User data segment
COMPANY	NULL	VARCHAR2 (30)	The contact person's company

*Indexes*

Index Name	Index Type	Sequence	Column Name
KCRT_CONTACTS_N1	NOT UNIQUE	1	USER_ID
KCRT_CONTACTS_N2	NOT UNIQUE	1	FIRST_NAME
KCRT_CONTACTS_N3	NOT UNIQUE	1	LAST_NAME
KCRT_CONTACTS_N4	NOT UNIQUE	1	FULL_NAME
KCRT_CONTACTS_N5	NOT UNIQUE	1	EMAIL_ADDRESS
KCRT_CONTACTS_N6	NOT UNIQUE	1	PHONE_NUMBER
KCRT_CONTACTS_U1	UNIQUE	1	CONTACT_ID

*Sequences*

Sequence Name	Column Name
KCRT_CONTACTS_S	CONTACT_ID

## 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
KNTA_SECURITY_GROUPS	SECURITY_GROUP_ID	ASSIGNED_TO_GROUP_ID
KNTA_USERS	USER_ID	ASSIGNED_TO_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	CREATED_BY
KWFL_WORKFLOWS	WORKFLOW_ID	WORKFLOW_ID

### Column Descriptions

Column Name	Null?	Data Type	Description
MATRIX_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user 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.
DEPARTMENT_CODE	NULL	VARCHAR2(30)	Lookup Code for 'DEPT'.
APPLICATION	NULL	VARCHAR2(30)	Lookup code for 'APPLICATION'
ASSIGNED_TO_ID	NULL	NUMBER	Identifier for the default assigned user for this record.
ASSIGNED_TO_GROUP_ID	NULL	NUMBER	Identifier for the default assigned group for this record.
WORKFLOW_ID	NOT NULL	NUMBER	Identifier for the default link workflow for this record.
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether or not this default is available for use.

### Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_DEFAULTS_MATRIX_N1	NOT UNIQUE	1	REQUEST_TYPE_ID
KCRT_DEFAULTS_MATRIX_U1	UNIQUE	1	MATRIX_ID

### Sequences

Sequence Name	Column Name
KCRT_DEFAULTS_MATRIX_S	MATRIX_ID



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## 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_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 identifier
REQUEST_TYPE_ID	NOT NULL	NUMBER	The request type used by the request
SCHEDULE_DATE	NULL	DATE	Date that the Demand was scheduled
REJECT_DATE	NULL	DATE	Date that the Demand was rejected
EFFORT	NULL	NUMBER	Effort associated with the satisfied Demand in hours
DEMAND_SATISFIED_DATE	NULL	DATE	Date that the Demand was satisfied

### Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_FG_DEMAND_SCHEDULE_U1	NOT UNIQUE	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 KCRRT\_REQUESTS\_INT. KCRRT\_FG\_DEMAND\_SCHEDULE\_INT is used to import data into KCRRT\_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_FG_DEMAND_SCHEDULE	REQUEST_ID	REQUEST_ID
KCRT_FG_MASTER_PROJ_REF	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_PROG_RISK	REQUEST_ID	REQUEST_ID
KCRT_FG_PROG_SCOPE_CHANGE	REQUEST_ID	REQUEST_ID
KCRT_FG_SLA	REQUEST_ID	REQUEST_ID
KCRT_FG_WORK_ITEMS	REQUEST_ID	REQUEST_ID
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_REQUESTS_INT	TRANSACTION_ID	PARENT_TRANSACTION_ID
KCRT_REQUEST_TYPES	REQUEST_TYPE_ID	REQUEST_TYPE_ID
KCRT_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID
KDRV_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID
KNTA_USERS_INT	TRANSACTION_ID	TRANSACTION_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

### 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 KCRRT_REQUESTS_INT table.
TRANSACTION_ID	NOT NULL	NUMBER	System-generated record identifier
PARENT_TRANSACTION_ID	NOT NULL	NUMBER	Links this table to TRANSACTION_ID in KCRRT_REQUESTS_INT
REQUEST_ID	NULL	NUMBER	Refers to the request_id in KCRRT_REQUESTS table
REQUEST_TYPE_ID	NULL	NUMBER	Request Type id used by this Request
SCHEDULE_DATE	NULL	DATE	Date that the Demand was scheduled
REJECT_DATE	NULL	DATE	Date that the Demand was rejected
EFFORT	NULL	NUMBER	Effort associated with the satisfied Demand in hours
DEMAND_SATISFIED_DATE	NULL	DATE	Date that the Demand was satisfied

*Indexes*

Index Name	Index Type	Sequence	Column Name
KCRT_FG_DEMAND_SCHEDULE_INT_N1	NOT UNIQUE	1	GROUP_ID
KCRT_FG_DEMAND_SCHEDULE_INT_N1	NOT UNIQUE	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
KCRT_REQUEST_TYPES	REQUEST_TYPE_ID	REQUEST_TYPE_ID
KDRV_PROJECTS	PROJECT_ID	REF_MASTER_PROJECT_ID

### Column Descriptions

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

### Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_FG_MASTER_PROJ_REF_U1	UNIQUE	1	REQUEST_ID

### Sequences

This table 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_FG_DEMAND_SCHEDULE	REQUEST_ID	REQUEST_ID
KCRT_FG_MASTER_PROJ_REF	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_PROG_RISK	REQUEST_ID	REQUEST_ID
KCRT_FG_PROG_SCOPE_CHANGE	REQUEST_ID	REQUEST_ID
KCRT_FG_SLA	REQUEST_ID	REQUEST_ID
KCRT_FG_WORK_ITEMS	REQUEST_ID	REQUEST_ID
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_REQUESTS_INT	TRANSACTION_ID	PARENT_TRANSACTION_ID
KCRT_REQUEST_TYPES	REQUEST_TYPE_ID	REQUEST_TYPE_ID
KCRT_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID
KDRV_PROJECTS	PROJECT_ID	REF_MASTER_PROJECT_ID
KDRV_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID
KNTA_USERS_INT	TRANSACTION_ID	TRANSACTION_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

### 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
PARENT_TRANSACTION_ID	NOT NULL	NUMBER	Links this table to TRANSACTION_ID in KCRT_REQUESTS_INT
REQUEST_ID	NULL	NUMBER	Refers to the request_id in KCRT_REQUESTS table
REQUEST_TYPE_ID	NULL	NUMBER	Request Type id used by this Request
REF_MASTER_PROJECT_ID	NULL	NUMBER	If a value is supplied, automatically creates a reference to the specified master project. If supplied, must also specify

Column Name	Null?	Data Type	Description
REF_MASTER_PROJECT_NAME	NULL	VARCHAR2(80)	REF_MASTER_PROJECT_NAME. 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	NOT UNIQUE	1	GROUP_ID
KCRT_FG_MASTER_PROJ_REF_INT_N1	NOT UNIQUE	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
KCRT_REQUEST_TYPES	REQUEST_TYPE_ID	REQUEST_TYPE_ID
KCST_BENEFITS	BENEFIT_ID	ASSET_BENEFIT_ID
KCST_BUDGETS	BUDGET_ID	ASSET_BUDGET_ID
KDRV_PROJECTS	PROJECT_ID	ASSET_PROJECT_PLAN_ID
KDRV_PROJECTS	PROJECT_ID	ASSET_PROJECT_PLAN_ID
KPMO_BUSINESS_OBJECTIVES	BUSINESS_OBJECTIVE_ID	ASSET_BUSINESS_OBJECTIVE_ID
KRSC_STAFF_PROFS	STAFF_PROF_ID	ASSET_STAFF_PROF_ID
KRSC_STAFF_PROFS	STAFF_PROF_ID	ASSET_STAFF_PROF_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	NULL	VARCHAR2(300)	Name for the Asset.
ASSET_HEALTH_CODE	NULL	VARCHAR2(30)	Health information for asset.
ASSET_HEALTH_MEANING	NULL	VARCHAR2(80)	Health meaning for asset.
ASSET_BUSINESS_UNIT_CODE	NULL	VARCHAR2(30)	Business unit code for asset.
ASSET_BUSINESS_UNIT_MEANING	NULL	VARCHAR2(80)	Business unit Meaning for asset.
ASSET_BUSINESS_OBJECTIVE_ID	NULL	NUMBER	Business objective ID for asset.
ASSET_BUSINESS_OBJECTIVE_NAME	NULL	VARCHAR2(80)	Business objective name for asset.
ASSET_PROJECT_CLASS_CODE	NULL	VARCHAR2(30)	Project class code for asset.
ASSET_PROJECT_CLASS_MEANING	NULL	VARCHAR2(80)	Project class meaning for asset.
ASSET_ASSET_CLASS_CODE	NULL	VARCHAR2(30)	Asset class code for asset.
ASSET_ASSET_CLASS_MEANING	NULL	VARCHAR2(80)	Asset class meaning for asset.
ASSET_PROJECT_PLAN_ID	NULL	NUMBER	Master project ID for asset.
ASSET_PROJECT_PLAN_NAME	NULL	VARCHAR2(300)	Master project name for asset.
ASSET_PROJECT_PLAN_URL	NULL	VARCHAR2(250)	URL for Master project
ASSET_BUDGET_ID	NULL	NUMBER	Budget ID for asset.
ASSET_BUDGET_NAME	NULL	VARCHAR2(100)	Budget Name for asset.
ASSET_STAFF_PROF_ID	NULL	NUMBER	Staffing profile ID for asset.
ASSET_STAFF_PROF_NAME	NULL	VARCHAR2(100)	Staffing profile name for asset.
ASSET_BENEFIT_ID	NULL	NUMBER	Financial benefit ID for asset.
ASSET_BENEFIT_NAME	NULL	VARCHAR2(100)	Financial benefit name for asset.
ASSET_RETURN_ON_INVESTMENT	NULL	NUMBER	ROI for asset.
ASSET_NET_PRESENT_VALUE	NULL	NUMBER	NPV for asset.
ASSET_CUSTOM_FIELD_VALUE	NULL	NUMBER	Custom financial metric value for asset.
ASSET_VALUE_RATING	NULL	NUMBER	Value for score of score domain "Value".
ASSET_RISK_RATING	NULL	NUMBER	Value for score of score domain "Risk".
ASSET_TOTAL_SCORE	NULL	NUMBER	Total score for asset.
ASSET_DISCOUNT_RATE	NULL	NUMBER	Discount rate for asset.

*Indexes*

Index Name	Index Type	Sequence	Column Name
KCRT_FG_PFM_ASSET_N1	NOT UNIQUE	1	ASSET_BUSINESS_OBJECTIVE_ID
KCRT_FG_PFM_ASSET_U1	UNIQUE	1	REQUEST_ID
KCRT_FG_PFM_ASSET_U2	UNIQUE	1	ASSET_BUDGET_ID
KCRT_FG_PFM_ASSET_U3	UNIQUE	1	ASSET_STAFF_PROF_ID
KCRT_FG_PFM_ASSET_U4	UNIQUE	1	ASSET_BENEFIT_ID

*Sequences*

This table does not use any sequences.



# KCRT\_FG\_PFM\_ASSET\_INT

Table for importing PFM proposals into KCRT\_FG\_PFM\_ASSET.

*Foreign Keys*

Primary Key Table	Primary Key Column	Foreign Key Column
<UNKNOWN>	<UNKNOWN>	ASSET_PROJECT_PLAN_ID
<UNKNOWN>	<UNKNOWN>	ASSET_BUDGET_ID
<UNKNOWN>	<UNKNOWN>	ASSET_STAFF_PROF_ID
<UNKNOWN>	<UNKNOWN>	ASSET_BUSINESS_OBJECTIVE_ID
<UNKNOWN>	<UNKNOWN>	PARENT_TRANSACTION_ID
<UNKNOWN>	<UNKNOWN>	ASSET_BENEFIT_ID
KCRT_FG_DEMAND_SCHEDULE	REQUEST_ID	REQUEST_ID
KCRT_FG_DEMAND_SCHEDULE_INT	GROUP_ID	GROUP_ID
KCRT_FG_MASTER_PROJ_REF	REQUEST_ID	REQUEST_ID
KCRT_FG_MASTER_PROJ_REF_INT	GROUP_ID	GROUP_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_ISSUE_INT	GROUP_ID	GROUP_ID
KCRT_FG_PROG_REFERENCE	REQUEST_ID	REQUEST_ID
KCRT_FG_PROG_REFERENCE_INT	GROUP_ID	GROUP_ID
KCRT_FG_PROG_RESOURCE_REQ	REQUEST_ID	REQUEST_ID
KCRT_FG_PROG_RESOURCE_REQ_INT	GROUP_ID	GROUP_ID
KCRT_FG_PROG_RISK	REQUEST_ID	REQUEST_ID
KCRT_FG_PROG_RISK_INT	GROUP_ID	GROUP_ID
KCRT_FG_PROG_SCOPE_CHANGE	REQUEST_ID	REQUEST_ID
KCRT_FG_PROG_SCOPE_CHANGE_INT	GROUP_ID	GROUP_ID
KCRT_FG_QC_INFO	REQUEST_ID	REQUEST_ID
KCRT_FG_QC_INFO_INT	GROUP_ID	GROUP_ID
KCRT_FG_SLA	REQUEST_ID	REQUEST_ID
KCRT_FG_SLA_INT	GROUP_ID	GROUP_ID
KCRT_FG_WORK_ITEMS	REQUEST_ID	REQUEST_ID
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_REQUESTS_INT	GROUP_ID	GROUP_ID
KCRT_REQUEST_DETAILS_INT	GROUP_ID	GROUP_ID
KCRT_REQUEST_TYPES	REQUEST_TYPE_ID	REQUEST_TYPE_ID
KCRT_REQ_HEADER_DETAILS_INT	GROUP_ID	GROUP_ID
KCRT_TABLE_ENTRIES_INT	GROUP_ID	GROUP_ID
KCRT_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID
KDLV_OM_DYNAMIC_SQL	GROUP_ID	GROUP_ID
KDLV_OM_TEMP	GROUP_ID	GROUP_ID
KDRV_PROJECTS_INT	GROUP_ID	GROUP_ID
KDRV_PROJECTS_TEMP	GROUP_ID	GROUP_ID
KDRV_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID
KNTA_USERS_INT	TRANSACTION_ID	TRANSACTION_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
KWFL_WORKFLOW_STEPS_TEMP	GROUP_ID	GROUP_ID

*Column Descriptions*

Column Name	Null?	Data Type	Description
PFM_ASSET_INTERFACE_ID	NULL	NUMBER	System-generated identifier
GROUP_ID	NOT NULL	NUMBER	DB Transaction group ID.
TRANSACTION_ID	NOT NULL	NUMBER	Trasaction ID
PARENT_TRANSACTION_ID	NOT NULL	NUMBER	Parent transaction ID. This is usually request transaction ID.
PROCESS_PHASE	NULL	NUMBER	Processing phase
PROCESS_STATUS	NULL	NUMBER	Processing status.
REQUEST_ID	NULL	NUMBER	
REQUEST_TYPE_ID	NULL	NUMBER	
ASSET_NAME	NULL	VARCHAR2(300)	
ASSET_HEALTH_CODE	NULL	VARCHAR2(30)	
ASSET_HEALTH_MEANING	NULL	VARCHAR2(80)	
ASSET_BUSINESS_UNIT_CODE	NULL	VARCHAR2(30)	
ASSET_BUSINESS_UNIT_MEANING	NULL	VARCHAR2(80)	
ASSET_BUSINESS_OBJECTIVE_ID	NULL	NUMBER	
ASSET_BUSINESS_OBJECTIVE_NAME	NULL	VARCHAR2(80)	
ASSET_PROJECT_CLASS_CODE	NULL	VARCHAR2(30)	
ASSET_PROJECT_CLASS_MEANING	NULL	VARCHAR2(80)	
ASSET_ASSET_CLASS_CODE	NULL	VARCHAR2(30)	
ASSET_ASSET_CLASS_MEANING	NULL	VARCHAR2(80)	
ASSET_PROJECT_PLAN_ID	NULL	NUMBER	
ASSET_PROJECT_PLAN_NAME	NULL	VARCHAR2(300)	
ASSET_PROJECT_PLAN_URL	NULL	VARCHAR2(250)	
ASSET_BUDGET_ID	NULL	NUMBER	
ASSET_BUDGET_NAME	NULL	VARCHAR2(100)	
ASSET_STAFF_PROF_ID	NULL	NUMBER	
ASSET_STAFF_PROF_NAME	NULL	VARCHAR2(100)	
ASSET_BENEFIT_ID	NULL	NUMBER	
ASSET_BENEFIT_NAME	NULL	VARCHAR2(100)	
ASSET_RETURN_ON_INVESTMENT	NULL	NUMBER	
ASSET_NET_PRESENT_VALUE	NULL	NUMBER	
ASSET_CUSTOM_FIELD_VALUE	NULL	NUMBER	
ASSET_VALUE_RATING	NULL	NUMBER	
ASSET_RISK_RATING	NULL	NUMBER	
ASSET_TOTAL_SCORE	NULL	NUMBER	
ASSET_DISCOUNT_RATE	NULL	NUMBER	

*Indexes*

Index Name	Index Type	Sequence	Column Name
KCRT_FG_PFM_ASSET_INT_N1	NOT UNIQUE	1	GROUP_ID
KCRT_FG_PFM_ASSET_INT_N1	NOT UNIQUE	2	TRANSACTION_ID
KCRT_FG_PFM_ASSET_INT_N2	NOT UNIQUE	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
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_REQUEST_TYPES	REQUEST_TYPE_ID	REQUEST_TYPE_ID
KCST_BENEFITS	BENEFIT_ID	PRJ_BENEFIT_ID
KCST_BUDGETS	BUDGET_ID	PRJ_BUDGET_ID
KDRV_PROJECTS	PROJECT_ID	PRJ_PROJECT_PLAN_ID
KNTA_PERIODS	PERIOD_ID	PRJ_PLAN_START_PERIOD_ID
KNTA_PERIODS	PERIOD_ID	PRJ_PLAN_FINISH_PERIOD_ID
KNTA_USERS	USER_ID	PRJ_PROJECT_MANAGER_USER_ID
KPMO_BUSINESS_OBJECTIVES	BUSINESS_OBJECTIVE_ID	PRJ_BUSINESS_OBJECTIVE_ID
KRSC_STAFF_PROFS	STAFF_PROF_ID	PRJ_STAFF_PROF_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	NULL	VARCHAR2(300)	Project name
PROJECT_HEALTH_CODE	NULL	VARCHAR2(30)	Project health info code.
PROJECT_HEALTH_MEANING	NULL	VARCHAR2(80)	Project health info meaning
PRJ_BUSINESS_UNIT_CODE	NULL	VARCHAR2(30)	Business unit code for project
PRJ_BUSINESS_UNIT_MEANING	NULL	VARCHAR2(80)	Business unit meaning for project
PRJ_BUSINESS_OBJECTIVE_ID	NULL	NUMBER	Business objective ID for project
PRJ_BUSINESS_OBJECTIVE_NAME	NULL	VARCHAR2(80)	Business objective name for project.
PRJ_PROJECT_CLASS_CODE	NULL	VARCHAR2(30)	Project class code for project
PRJ_PROJECT_CLASS_MEANING	NULL	VARCHAR2(80)	Project class meaning for project
PRJ_ASSET_CLASS_CODE	NULL	VARCHAR2(30)	Asset class code for project
PRJ_ASSET_CLASS_MEANING	NULL	VARCHAR2(80)	Asset class meaning for project
PRJ_PROJECT_MANAGER_USER_ID	NULL	NUMBER	Project manager for PFM project
PRJ_PROJECT_MANAGER_USERNAME	NULL	VARCHAR2(200)	Project manager username for PFM project
PRJ_PROJECT_PLAN_ID	NULL	NUMBER	Master project plan ID for PFM project
PRJ_PROJECT_PLAN_NAME	NULL	VARCHAR2(300)	Master project name for PFM project
PRJ_PROJECT_PLAN_URL	NULL	VARCHAR2(250)	Master project plan URL
PRJ_BUDGET_ID	NULL	NUMBER	Budget ID for project
PRJ_BUDGET_NAME	NULL	VARCHAR2(100)	Budget name for project
PRJ_STAFF_PROF_ID	NULL	NUMBER	Staffing profile ID for project
PRJ_STAFF_PROF_NAME	NULL	VARCHAR2(100)	Staffing profile name for project
PRJ_BENEFIT_ID	NULL	NUMBER	Financial benefit ID for project
PRJ_BENEFIT_NAME	NULL	VARCHAR2(100)	Financial benefit name for project
PRJ_RETURN_ON_INVESTMENT	NULL	NUMBER	ROI for project
PRJ_NET_PRESENT_VALUE	NULL	NUMBER	NPV for project
PRJ_CUSTOM_FIELD_VALUE	NULL	NUMBER	Financial metric for project
PRJ_VALUE_RATING	NULL	NUMBER	The score for score domain "Value".
PRJ_RISK_RATING	NULL	NUMBER	This score for score domain "Risk".
PRJ_TOTAL_SCORE	NULL	NUMBER	Total score.
PRJ_DISCOUNT_RATE	NULL	NUMBER	Discount rate for project.

Column Name	Null?	Data Type	Description
PRJ_PLAN_START_PERIOD_ID	NULL	NUMBER	The period id of the Planned Start Date for the project
PRJ_PLAN_FINISH_PERIOD_ID	NULL	NUMBER	The period id of the Planned Finish Date for the project
PRJ_PLAN_START_PERIOD_NAME	NULL	VARCHAR2(100)	The period name of the Planned Start Date for the project
PRJ_PLAN_FINISH_PERIOD_NAME	NULL	VARCHAR2(100)	The period name of the Planned Finish Date for the project
PRJ_CALCULATED_HEALTH_CODE	NULL	VARCHAR2(30)	The health code of the Master Project Plan
PRJ_CALCULATED_HEALTH_MEANING	NULL	VARCHAR2(80)	The health meaning of the Master Project Plan
PRJ_OVERRIDDEN_HEALTH_CODE	NULL	VARCHAR2(30)	The overridden health code for the Master Project Plan
PRJ_OVERRIDDEN_HEALTH_MEANING	NULL	VARCHAR2(80)	The overridden health meaning for the Master Project Plan

#### Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_FG_PFM_PROJECT_N1	NOT UNIQUE	1	PRJ_BUSINESS_OBJECTIVE_ID
KCRT_FG_PFM_PROJECT_U1	UNIQUE	1	REQUEST_ID
KCRT_FG_PFM_PROJECT_U2	UNIQUE	1	PRJ_BUDGET_ID
KCRT_FG_PFM_PROJECT_U3	UNIQUE	1	PRJ_STAFF_PROF_ID
KCRT_FG_PFM_PROJECT_U4	UNIQUE	1	PRJ_BENEFIT_ID

#### Sequences

This table does not use any sequences.

## KCRT\_FG\_PFM\_PROJECT\_INT

Enter a description for KCRT\_FG\_PFM\_PROJECT\_INT here, and verify the Temp Table Flag is correct.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_FG_DEMAND_SCHEDULE	REQUEST_ID	REQUEST_ID
KCRT_FG_DEMAND_SCHEDULE_INT	GROUP_ID	GROUP_ID
KCRT_FG_MASTER_PROJ_REF	REQUEST_ID	REQUEST_ID
KCRT_FG_MASTER_PROJ_REF_INT	GROUP_ID	GROUP_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_ISSUE_INT	GROUP_ID	GROUP_ID
KCRT_FG_PROG_REFERENCE	REQUEST_ID	REQUEST_ID
KCRT_FG_PROG_REFERENCE_INT	GROUP_ID	GROUP_ID
KCRT_FG_PROG_RESOURCE_REQ	REQUEST_ID	REQUEST_ID
KCRT_FG_PROG_RESOURCE_REQ_INT	GROUP_ID	GROUP_ID
KCRT_FG_PROG_RISK	REQUEST_ID	REQUEST_ID
KCRT_FG_PROG_RISK_INT	GROUP_ID	GROUP_ID
KCRT_FG_PROG_SCOPE_CHANGE	REQUEST_ID	REQUEST_ID
KCRT_FG_PROG_SCOPE_CHANGE_INT	GROUP_ID	GROUP_ID
KCRT_FG_QC_INFO	REQUEST_ID	REQUEST_ID
KCRT_FG_QC_INFO_INT	GROUP_ID	GROUP_ID
KCRT_FG_SLA	REQUEST_ID	REQUEST_ID
KCRT_FG_SLA_INT	GROUP_ID	GROUP_ID
KCRT_FG_WORK_ITEMS	REQUEST_ID	REQUEST_ID
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_REQUESTS_INT	GROUP_ID	GROUP_ID
KCRT_REQUESTS_INT	TRANSACTION_ID	PARENT_TRANSACTION_ID
KCRT_REQUEST_DETAILS_INT	GROUP_ID	GROUP_ID
KCRT_REQUEST_TYPES	REQUEST_TYPE_ID	REQUEST_TYPE_ID
KCRT_REQ_HEADER_DETAILS_INT	GROUP_ID	GROUP_ID
KCRT_TABLE_ENTRIES_INT	GROUP_ID	GROUP_ID
KCRT_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID
KCST_BENEFITS	BENEFIT_ID	PRJ_BENEFIT_ID
KCST_BUDGETS	BUDGET_ID	PRJ_BUDGET_ID
KDLV_OM_DYNAMIC_SQL	GROUP_ID	GROUP_ID
KDLV_OM_TEMP	GROUP_ID	GROUP_ID
KDRV_PROJECTS	PROJECT_ID	PRJ_PROJECT_PLAN_ID
KDRV_PROJECTS_INT	GROUP_ID	GROUP_ID
KDRV_PROJECTS_TEMP	GROUP_ID	GROUP_ID
KDRV_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID
KNTA_PERIODS	PERIOD_ID	PRJ_PLAN_START_PERIOD_ID
KNTA_PERIODS	PERIOD_ID	PRJ_PLAN_FINISH_PERIOD_ID
KNTA_USERS	USER_ID	PRJ_PROJECT_MANAGER_USER_ID
KNTA_USERS_INT	TRANSACTION_ID	TRANSACTION_ID
KNTA_USER_SECURITY_INT	TRANSACTION_ID	TRANSACTION_ID
KPMO_BUSINESS_OBJECTIVES	BUSINESS_OBJECTIVE_ID	PRJ_BUSINESS_OBJECTIVE_ID
KRSC_ORG_UNITS_INT	TRANSACTION_ID	TRANSACTION_ID

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KRSC_ORG_UNIT_MEMBERS_INT	TRANSACTION_ID	TRANSACTION_ID
KRSC_STAFF_PROFS	STAFF_PROF_ID	PRJ_STAFF_PROF_ID
KWFL_STEP_TRANSITIONS_INT	TRANSACTION_ID	TRANSACTION_ID
KWFL_TRANSACTIONS_INT	TRANSACTION_ID	TRANSACTION_ID
KWFL_WORKFLOW_STEPS_TEMP	GROUP_ID	GROUP_ID

Column Descriptions

Column Name	Null?	Data Type	Description
PFM_PROJECT_INTERFACE_ID	NULL	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	NULL	NUMBER	Processing phase
PROCESS_STATUS	NULL	NUMBER	Processing status.
REQUEST_ID	NULL	NUMBER	Request ID for PFM Project
REQUEST_TYPE_ID	NULL	NUMBER	Request Type ID
PROJECT_NAME	NULL	VARCHAR2(300)	Project name
PROJECT_HEALTH_CODE	NULL	VARCHAR2(30)	Project health info code, derived from PRJ_CALCULATED_HEALTH_CODE and PRJ_OVERRIDDEN_HEALTH_CODE.
PROJECT_HEALTH_MEANING	NULL	VARCHAR2(80)	Project health info meaning, derived from PRJ_CALCULATED_HEALTH_MEANING and PRJ_OVERRIDDEN_HEALTH_MEANING.
PRJ_BUSINESS_UNIT_CODE	NULL	VARCHAR2(30)	Business unit code for project
PRJ_BUSINESS_UNIT_MEANING	NULL	VARCHAR2(80)	Business unit meaning for project
PRJ_BUSINESS_OBJECTIVE_ID	NULL	NUMBER	Business objective ID for project
PRJ_BUSINESS_OBJECTIVE_NAME	NULL	VARCHAR2(80)	Business objective name for project.
PRJ_PROJECT_CLASS_CODE	NULL	VARCHAR2(30)	Project class code for project
PRJ_PROJECT_CLASS_MEANING	NULL	VARCHAR2(80)	Project class meaning for project
PRJ_ASSET_CLASS_CODE	NULL	VARCHAR2(30)	Asset class code for project
PRJ_ASSET_CLASS_MEANING	NULL	VARCHAR2(80)	Asset class meaning for project
PRJ_PROJECT_MANAGER_USER_ID	NULL	NUMBER	Project manager for PFM project
PRJ_PROJECT_MANAGER_USERNAME	NULL	VARCHAR2(200)	Project manager username for PFM project
PRJ_PROJECT_PLAN_ID	NULL	NUMBER	Master project plan ID for PFM project
PRJ_PROJECT_PLAN_NAME	NULL	VARCHAR2(300)	Master project name for PFM project
PRJ_PROJECT_PLAN_URL	NULL	VARCHAR2(250)	Master project plan URL
PRJ_BUDGET_ID	NULL	NUMBER	Budget ID for project
PRJ_BUDGET_NAME	NULL	VARCHAR2(100)	Budget name for project
PRJ_STAFF_PROF_ID	NULL	NUMBER	Staffing profile ID for project
PRJ_STAFF_PROF_NAME	NULL	VARCHAR2(100)	Staffing profile name for project
PRJ_BENEFIT_ID	NULL	NUMBER	Financial benefit ID for project
PRJ_BENEFIT_NAME	NULL	VARCHAR2(100)	Financial benefit name for project
PRJ_RETURN_ON_INVESTMENT	NULL	NUMBER	ROI for project
PRJ_NET_PRESENT_VALUE	NULL	NUMBER	NPV for project
PRJ_CUSTOM_FIELD_VALUE	NULL	NUMBER	Financial metric for project
PRJ_VALUE_RATING	NULL	NUMBER	The score for score domain "Value".
PRJ_RISK_RATING	NULL	NUMBER	This score for score domain "Risk".
PRJ_TOTAL_SCORE	NULL	NUMBER	Total score.
PRJ_DISCOUNT_RATE	NULL	NUMBER	Discount rate for project.

Column Name	Null?	Data Type	Description
PRJ_PLAN_START_PERIOD_ID	NULL	NUMBER	The period id of the Planned Start Date for the project
PRJ_PLAN_FINISH_PERIOD_ID	NULL	NUMBER	The period id of the Planned Finish Date for the project
PRJ_PLAN_START_PERIOD_NAME	NULL	VARCHAR2(100)	The period name of the Planned Start Date for the project
PRJ_PLAN_FINISH_PERIOD_NAME	NULL	VARCHAR2(100)	The period name of the Planned Finish Date for the project
PRJ_CALCULATED_HEALTH_CODE	NULL	VARCHAR2(30)	The health code of the Master Project Plan
PRJ_CALCULATED_HEALTH_MEANING	NULL	VARCHAR2(80)	The health meaning of the Master Project Plan
PRJ_OVERRIDDEN_HEALTH_CODE	NULL	VARCHAR2(30)	The overridden health code for the Master Project Plan
PRJ_OVERRIDDEN_HEALTH_MEANING	NULL	VARCHAR2(80)	The overridden health meaning for the Master Project Plan

#### Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_FG_PFM_PROJECT_INT_N1	NOT UNIQUE	1	GROUP_ID
KCRT_FG_PFM_PROJECT_INT_N1	NOT UNIQUE	2	TRANSACTION_ID
KCRT_FG_PFM_PROJECT_INT_N2	NOT UNIQUE	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
KCRT_REQUEST_TYPES	REQUEST_TYPE_ID	REQUEST_TYPE_ID
KCST_BENEFITS	BENEFIT_ID	PROP_BENEFIT_ID
KCST_BUDGETS	BUDGET_ID	PROP_BUDGET_ID
KDRV_PROJECT_TEMPLATES	PROJECT_TEMPLATE_ID	PROP_PROJECT_TEMPLATE_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
KPMO_BUSINESS_OBJECTIVES	BUSINESS_OBJECTIVE_ID	PROP_BUSINESS_OBJECTIVE_ID
KRSC_STAFF_PROFS	STAFF_PROF_ID	PROP_STAFF_PROF_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	NULL	VARCHAR2(300)	Proposal name
PROP_BUSINESS_UNIT_CODE	NULL	VARCHAR2(30)	Business unit code for proposal
PROP_BUSINESS_UNIT_MEANING	NULL	VARCHAR2(80)	Business unit meaning for proposal
PROP_BUSINESS_OBJECTIVE_ID	NULL	NUMBER	Business objective ID for proposal
PROP_BUSINESS_OBJECTIVE_NAME	NULL	VARCHAR2(80)	Business objective name for proposal
PROP_PROJECT_CLASS_CODE	NULL	VARCHAR2(30)	Project class code for proposal
PROP_PROJECT_CLASS_MEANING	NULL	VARCHAR2(80)	Project class meaning for proposal
PROP_ASSET_CLASS_CODE	NULL	VARCHAR2(30)	Asset class code for proposal
PROP_ASSET_CLASS_MEANING	NULL	VARCHAR2(80)	Asset class meaning for proposal
PROP_PROJECT_MANAGER_USER_ID	NULL	NUMBER	Project manager for proposal
PROP_PROJECT_MANAGER_USERNAME	NULL	VARCHAR2(200)	Project manager username for proposal
PROP_PROJECT_TEMPLATE_ID	NULL	NUMBER	Project template ID for project plan that the proposing project might have
PROP_PROJECT_TEMPLATE_NAME	NULL	VARCHAR2(100)	Project template name
PROP_BUDGET_ID	NULL	NUMBER	Budget ID for proposal
PROP_BUDGET_NAME	NULL	VARCHAR2(100)	Budget name for proposal
PROP_STAFF_PROF_ID	NULL	NUMBER	Staffing profile ID for proposal
PROP_STAFF_PROF_NAME	NULL	VARCHAR2(100)	Staffing profile name for proposal
PROP_BENEFIT_ID	NULL	NUMBER	Financial benefit ID for proposal
PROP_BENEFIT_NAME	NULL	VARCHAR2(100)	Financial benefit name for proposal
PROP_RETURN_ON_INVESTMENT	NULL	NUMBER	ROI for proposal
PROP_NET_PRESENT_VALUE	NULL	NUMBER	NPV for proposal
PROP_CUSTOM_FIELD_VALUE	NULL	NUMBER	financial metric for proposal
PROP_VALUE_RATING	NULL	NUMBER	Score for score domain of "Value".
PROP_RISK_RATING	NULL	NUMBER	Score for score domain of "Risk".
PROP_TOTAL_SCORE	NULL	NUMBER	Total score for proposal
PROP_DISCOUNT_RATE	NULL	NUMBER	Discount rate for proposal
PROP_PLAN_START_PERIOD_ID	NULL	NUMBER	The period id of the Planned Start Date for the proposal
PROP_PLAN_FINISH_PERIOD_ID	NULL	NUMBER	The period id of the Planned Finish



Column Name	Null?	Data Type	Description
PROP_PLAN_START_PERIOD_NAME	NULL	VARCHAR2(100)	Date for the proposal The period name of the Planned Start Date for the proposal
PROP_PLAN_FINISH_PERIOD_NAME	NULL	VARCHAR2(100)	The period name of the Planned Finish Date for the proposal
PROP_PROJECT_PLAN_ID	NULL	NUMBER	Master project plan id for the PFM proposal
PROP_PROJECT_PLAN_NAME	NULL	VARCHAR2(300)	Master project plan name for the PFM proposal

*Indexes*

Index Name	Index Type	Sequence	Column Name
KCRT_FG_PFM_PROPOSAL_N1	NOT UNIQUE	1	PROP_BUSINESS_OBJECTIVE_ID
KCRT_FG_PFM_PROPOSAL_U1	UNIQUE	1	REQUEST_ID
KCRT_FG_PFM_PROPOSAL_U2	UNIQUE	1	PROP_BUDGET_ID
KCRT_FG_PFM_PROPOSAL_U3	UNIQUE	1	PROP_STAFF_PROF_ID
KCRT_FG_PFM_PROPOSAL_U4	UNIQUE	1	PROP_BENEFIT_ID

*Sequences*

This table does not use any sequences.

# KCRT\_FG\_PFM\_PROPOSAL\_INT

Enter a description for KCRT\_FG\_PFM\_PROPOSAL\_INT here, and verify the Temp Table Flag is correct.

## Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_FG_DEMAND_SCHEDULE	REQUEST_ID	REQUEST_ID
KCRT_FG_DEMAND_SCHEDULE_INT	GROUP_ID	GROUP_ID
KCRT_FG_MASTER_PROJ_REF	REQUEST_ID	REQUEST_ID
KCRT_FG_MASTER_PROJ_REF_INT	GROUP_ID	GROUP_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_ISSUE_INT	GROUP_ID	GROUP_ID
KCRT_FG_PROG_REFERENCE	REQUEST_ID	REQUEST_ID
KCRT_FG_PROG_REFERENCE_INT	GROUP_ID	GROUP_ID
KCRT_FG_PROG_RESOURCE_REQ	REQUEST_ID	REQUEST_ID
KCRT_FG_PROG_RESOURCE_REQ_INT	GROUP_ID	GROUP_ID
KCRT_FG_PROG_RISK	REQUEST_ID	REQUEST_ID
KCRT_FG_PROG_RISK_INT	GROUP_ID	GROUP_ID
KCRT_FG_PROG_SCOPE_CHANGE	REQUEST_ID	REQUEST_ID
KCRT_FG_PROG_SCOPE_CHANGE_INT	GROUP_ID	GROUP_ID
KCRT_FG_QC_INFO	REQUEST_ID	REQUEST_ID
KCRT_FG_QC_INFO_INT	GROUP_ID	GROUP_ID
KCRT_FG_SLA	REQUEST_ID	REQUEST_ID
KCRT_FG_SLA_INT	GROUP_ID	GROUP_ID
KCRT_FG_WORK_ITEMS	REQUEST_ID	REQUEST_ID
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_REQUESTS_INT	GROUP_ID	GROUP_ID
KCRT_REQUESTS_INT	TRANSACTION_ID	PARENT_TRANSACTION_ID
KCRT_REQUEST_DETAILS_INT	GROUP_ID	GROUP_ID
KCRT_REQUEST_TYPES	REQUEST_TYPE_ID	REQUEST_TYPE_ID
KCRT_REQ_HEADER_DETAILS_INT	GROUP_ID	GROUP_ID
KCRT_TABLE_ENTRIES_INT	GROUP_ID	GROUP_ID
KCRT_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID
KCST_BENEFITS	BENEFIT_ID	PROP_BENEFIT_ID
KCST_BUDGETS	BUDGET_ID	PROP_BUDGET_ID
KDLV_OM_DYNAMIC_SQL	GROUP_ID	GROUP_ID
KDLV_OM_TEMP	GROUP_ID	GROUP_ID
KDRV_PROJECTS	PROJECT_ID	PROP_PROJECT_TEMPLATE_ID
KDRV_PROJECTS_INT	GROUP_ID	GROUP_ID
KDRV_PROJECTS_TEMP	GROUP_ID	GROUP_ID
KDRV_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID
KNTA_PERIODS	PERIOD_ID	PROP_PLAN_START_PERIOD_ID
KNTA_PERIODS	PERIOD_ID	PROP_PLAN_FINISH_PERIOD_ID
KNTA_USERS	USER_ID	PROP_PROJECT_MANAGER_USER_ID
KNTA_USERS_INT	TRANSACTION_ID	TRANSACTION_ID
KNTA_USER_SECURITY_INT	TRANSACTION_ID	TRANSACTION_ID
KPMO_BUSINESS_OBJECTIVES	BUSINESS_OBJECTIVE_ID	PROP_BUSINESS_OBJECTIVE_ID
KRSC_ORG_UNITS_INT	TRANSACTION_ID	TRANSACTION_ID

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KRSC_ORG_UNIT_MEMBERS_INT	TRANSACTION_ID	TRANSACTION_ID
KRSC_STAFF_PROFS	STAFF_PROF_ID	PROP_STAFF_PROF_ID
KWFL_STEP_TRANSITIONS_INT	TRANSACTION_ID	TRANSACTION_ID
KWFL_TRANSACTIONS_INT	TRANSACTION_ID	TRANSACTION_ID
KWFL_WORKFLOW_STEPS_TEMP	GROUP_ID	GROUP_ID

Column Descriptions

Column Name	Null?	Data Type	Description
PFM_PROPOSAL_INTERFACE_ID	NULL	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	NULL	NUMBER	Processing phase
PROCESS_STATUS	NULL	NUMBER	Processing status.
REQUEST_ID	NULL	NUMBER	Request ID for proposal
REQUEST_TYPE_ID	NULL	NUMBER	Request Type ID
PROPOSAL_NAME	NULL	VARCHAR2(300)	Proposal name
PROP_BUSINESS_UNIT_CODE	NULL	VARCHAR2(30)	Business unit code for proposal
PROP_BUSINESS_UNIT_MEANING	NULL	VARCHAR2(80)	Business unit meaning for proposal
PROP_BUSINESS_OBJECTIVE_ID	NULL	NUMBER	Business objective ID for proposal
PROP_BUSINESS_OBJECTIVE_NAME	NULL	VARCHAR2(80)	Business objective name for proposal
PROP_PROJECT_CLASS_CODE	NULL	VARCHAR2(30)	Project class code for proposal
PROP_PROJECT_CLASS_MEANING	NULL	VARCHAR2(80)	Project class meaning for proposal
PROP_ASSET_CLASS_CODE	NULL	VARCHAR2(30)	Asset class code for proposal
PROP_ASSET_CLASS_MEANING	NULL	VARCHAR2(80)	Asset class meaning for proposal
PROP_PROJECT_MANAGER_USER_ID	NULL	NUMBER	Project manager for proposal
PROP_PROJECT_MANAGER_USERNAME	NULL	VARCHAR2(200)	Project manager username for proposal
PROP_PROJECT_TEMPLATE_ID	NULL	NUMBER	Project template ID for project plan that the proposing project might have
PROP_PROJECT_TEMPLATE_NAME	NULL	VARCHAR2(100)	Project template name
PROP_BUDGET_ID	NULL	NUMBER	Budget ID for proposal
PROP_BUDGET_NAME	NULL	VARCHAR2(100)	Budget name for proposal
PROP_STAFF_PROF_ID	NULL	NUMBER	Staffing profile ID for proposal
PROP_STAFF_PROF_NAME	NULL	VARCHAR2(100)	Staffing profile name for proposal
PROP_BENEFIT_ID	NULL	NUMBER	Financial benefit ID for proposal
PROP_BENEFIT_NAME	NULL	VARCHAR2(100)	Finnancial benefit name for proposal
PROP_RETURN_ON_INVESTMENT	NULL	NUMBER	ROI for proposal
PROP_NET_PRESENT_VALUE	NULL	NUMBER	NPV for proposal
PROP_CUSTOM_FIELD_VALUE	NULL	NUMBER	financial metric for proposal
PROP_VALUE_RATING	NULL	NUMBER	Score for score domain of "Value".
PROP_RISK_RATING	NULL	NUMBER	Score for score domain of "Risk".
PROP_TOTAL_SCORE	NULL	NUMBER	Total score for proposal
PROP_DISCOUNT_RATE	NULL	NUMBER	Discount rate for proposal
PROP_PLAN_START_PERIOD_ID	NULL	NUMBER	The period id of the Planned Start Date for the proposal
PROP_PLAN_FINISH_PERIOD_ID	NULL	NUMBER	The period id of the Planned Finish Date for the proposal
PROP_PLAN_START_PERIOD_NAME	NULL	VARCHAR2(100)	The period name of the Planned Start Date for the proposal
PROP_PLAN_FINISH_PERIOD_NAME	NULL	VARCHAR2(100)	The period name of the Planned

Column Name	Null?	Data Type	Description
PROP_PROJECT_PLAN_ID	NULL	NUMBER	Finish Date for the proposal Master project plan id for the PFM proposal
PROP_PROJECT_PLAN_NAME	NULL	VARCHAR2(300)	Master project plan name for the PFM proposal

*Indexes*

Index Name	Index Type	Sequence	Column Name
KCRT_FG_PFM_PROPOSAL_INT_N1	NOT UNIQUE	1	GROUP_ID
KCRT_FG_PFM_PROPOSAL_INT_N1	NOT UNIQUE	2	TRANSACTION_ID
KCRT_FG_PFM_PROPOSAL_INT_N2	NOT UNIQUE	1	REQUEST_ID

*Sequences*

This table does not use any sequences.

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## 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
ESCALATION_LEVEL_CODE	NULL	VARCHAR2(200)	The escalation level code
ESCALATION_LEVEL_MEANING	NULL	VARCHAR2(200)	The escalation level meaning

### 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
<UNKNOWN>	<UNKNOWN>	PARENT_TRANSACTION_ID
KCRT_FG_DEMAND_SCHEDULE	REQUEST_ID	REQUEST_ID
KCRT_FG_MASTER_PROJ_REF	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_PROG_RISK	REQUEST_ID	REQUEST_ID
KCRT_FG_PROG_SCOPE_CHANGE	REQUEST_ID	REQUEST_ID
KCRT_FG_SLA	REQUEST_ID	REQUEST_ID
KCRT_FG_WORK_ITEMS	REQUEST_ID	REQUEST_ID
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_REQUEST_TYPES	REQUEST_TYPE_ID	REQUEST_TYPE_ID
KCRT_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID
KDRV_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID
KNTA_USERS_INT	TRANSACTION_ID	TRANSACTION_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

### 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
PARENT_TRANSACTION_ID	NOT NULL	NUMBER	Links this table to TRANSACTION_ID in KCRT_REQUESTS_INT
REQUEST_ID	NULL	NUMBER	Refers to the request_id in KCRT_REQUESTS table
REQUEST_TYPE_ID	NULL	NUMBER	Request Type id used by this Request
ESCALATION_LEVEL_CODE	NULL	VARCHAR2(200)	The escalation level code
ESCALATION_LEVEL_MEANING	NULL	VARCHAR2(200)	The escalation level meaning

*Indexes*

Index Name	Index Type	Sequence	Column Name
KCRT_FG_PROG_ISSUE_INT_N1	NOT UNIQUE	1	GROUP_ID
KCRT_FG_PROG_ISSUE_INT_N1	NOT UNIQUE	2	TRANSACTION_ID

*Sequences*

This table does not use any sequences.

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## 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
<UNKNOWN> KCRT_REQUEST_TYPES	<UNKNOWN> REQUEST_TYPE_ID	REF_PROGRAM_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	NULL	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	NULL	VARCHAR2(80)	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
<UNKNOWN>	<UNKNOWN>	PARENT_TRANSACTION_ID
<UNKNOWN>	<UNKNOWN>	REF_PROGRAM_ID
KCRT_FG_DEMAND_SCHEDULE	REQUEST_ID	REQUEST_ID
KCRT_FG_MASTER_PROJ_REF	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_PROG_RISK	REQUEST_ID	REQUEST_ID
KCRT_FG_PROG_SCOPE_CHANGE	REQUEST_ID	REQUEST_ID
KCRT_FG_SLA	REQUEST_ID	REQUEST_ID
KCRT_FG_WORK_ITEMS	REQUEST_ID	REQUEST_ID
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_REQUEST_TYPES	REQUEST_TYPE_ID	REQUEST_TYPE_ID
KCRT_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID
KDRV_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID
KNTA_USERS_INT	TRANSACTION_ID	TRANSACTION_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

### 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
PARENT_TRANSACTION_ID	NOT NULL	NUMBER	Links this table to TRANSACTION_ID in KCRT_REQUESTS_INT
REQUEST_ID	NULL	NUMBER	Refers to the request_id in KCRT_REQUESTS table
REQUEST_TYPE_ID	NULL	NUMBER	Request Type id used by this Request
REF_PROGRAM_ID	NULL	NUMBER	The ID of the referenced Program. If a value is supplied, automatically creates a reference to the specified Program. If

Column Name	Null?	Data Type	Description
REF_PROGRAM_NAME	NULL	VARCHAR2(80)	<p>supplied, REF_PROGRAM_NAME must also be supplied.</p> <p>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.</p>

*Indexes*

Index Name	Index Type	Sequence	Column Name
KCRT_FG_PROG_REFERENCE_INT_N1	NOT UNIQUE	1	GROUP_ID
KCRT_FG_PROG_REFERENCE_INT_N1	NOT UNIQUE	2	TRANSACTION_ID

*Sequences*

This table does not use any sequences.

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## 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	NULL	VARCHAR2(1800)	Description of the resource's role

### Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_FG_PROG_RESOURCE_REQ_U1	UNIQUE	1	REQUEST_ID

### Sequences

This table 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
<UNKNOWN>	<UNKNOWN>	PARENT_TRANSACTION_ID
KCRT_FG_DEMAND_SCHEDULE	REQUEST_ID	REQUEST_ID
KCRT_FG_MASTER_PROJ_REF	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_PROG_RISK	REQUEST_ID	REQUEST_ID
KCRT_FG_PROG_SCOPE_CHANGE	REQUEST_ID	REQUEST_ID
KCRT_FG_SLA	REQUEST_ID	REQUEST_ID
KCRT_FG_WORK_ITEMS	REQUEST_ID	REQUEST_ID
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_REQUEST_TYPES	REQUEST_TYPE_ID	REQUEST_TYPE_ID
KCRT_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID
KDRV_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID
KNTA_USERS_INT	TRANSACTION_ID	TRANSACTION_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

### 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
PARENT_TRANSACTION_ID	NOT NULL	NUMBER	Links this table to TRANSACTION_ID in KCRT_REQUESTS_INT
REQUEST_ID	NULL	NUMBER	Refers to the request_id in KCRT_REQUESTS table
REQUEST_TYPE_ID	NULL	NUMBER	Request Type id used by this Request
ROLE_DESCRIPTION_CODE	NULL	VARCHAR2(1800)	Description of the resource's role

*Indexes*

Index Name	Index Type	Sequence	Column Name
KCRT_FG_PROG_RES_REQ_INT_N1	NOT UNIQUE	1	GROUP_ID
KCRT_FG_PROG_RES_REQ_INT_N1	NOT UNIQUE	2	TRANSACTION_ID

*Sequences*

This table does not use any sequences.

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## KCRT\_FG\_PROG\_RISK

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

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_REQUEST_TYPES	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
PROBABILITY_CODE	NULL	VARCHAR2(200)	Probability of the program risk: see lookup type 'PMO - Risk Probability.' Must be supplied if PROBABILITY_MEANING is not null
PROBABILITY_MEANING	NULL	VARCHAR2(200)	Probability of the program risk: see lookup type 'PMO - Risk Probability.' Must be supplied if PROBABILITY_CODE is not null
RISK_IMPACT_LEVEL_CODE	NULL	VARCHAR2(200)	Impact level of the program's risk: see lookup type 'PMO - Risk Impact.' Must be supplied if RISK_IMPACT_LEVEL_MEANING is not null
RISK_IMPACT_LEVEL_MEANING	NULL	VARCHAR2(200)	Impact level of the program's risk: see lookup type 'PMO - Risk Impact.' Must be supplied if RISK_IMPACT_LEVEL_CODE is not null

### Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_FG_PROG_RISK_U1	UNIQUE	1	REQUEST_ID

### Sequences

This table does not use any sequences.

## KCRT\_FG\_PROG\_RISK\_INT

KCRT\_FG\_PROG\_RISK\_INT is a child table of KCRT\_REQUESTS\_INT. KCRT\_FG\_PROG\_RISK\_INT is used to import data into KCRT\_FG\_PROG\_RISK. 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
<UNKNOWN>	<UNKNOWN>	PARENT_TRANSACTION_ID
KCRT_FG_DEMAND_SCHEDULE	REQUEST_ID	REQUEST_ID
KCRT_FG_MASTER_PROJ_REF	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_PROG_RISK	REQUEST_ID	REQUEST_ID
KCRT_FG_PROG_SCOPE_CHANGE	REQUEST_ID	REQUEST_ID
KCRT_FG_SLA	REQUEST_ID	REQUEST_ID
KCRT_FG_WORK_ITEMS	REQUEST_ID	REQUEST_ID
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_REQUEST_TYPES	REQUEST_TYPE_ID	REQUEST_TYPE_ID
KCRT_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID
KDRV_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID
KNTA_USERS_INT	TRANSACTION_ID	TRANSACTION_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

### 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
PARENT_TRANSACTION_ID	NOT NULL	NUMBER	Links this table to TRANSACTION_ID in KCRT_REQUESTS_INT
REQUEST_ID	NULL	NUMBER	Refers to the request_id in KCRT_REQUESTS table
REQUEST_TYPE_ID	NULL	NUMBER	Request Type id used by this Request
PROBABILITY_CODE	NULL	VARCHAR2(200)	Probability of the program risk: see lookup type 'PMO - Risk Probability'
PROBABILITY_MEANING	NULL	VARCHAR2(200)	Probability of the program risk: see lookup type 'PMO - Risk'

Column Name	Null?	Data Type	Description
RISK_IMPACT_LEVEL_CODE	NULL	VARCHAR2(200)	Probability' Impact level of the program's risk: see lookup type 'PMO - Risk Impact'
RISK_IMPACT_LEVEL_MEANING	NULL	VARCHAR2(200)	Impact level of the program's risk: see lookup type 'PMO - Risk Impact'

*Indexes*

Index Name	Index Type	Sequence	Column Name
KCRT_FG_PROG_RISK_INT_N1	NOT UNIQUE	1	GROUP_ID
KCRT_FG_PROG_RISK_INT_N1	NOT UNIQUE	2	TRANSACTION_ID

*Sequences*

This table does not use any sequences.



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## KCRT\_FG\_PROG\_SCOPE\_CHANGE

If the 'PMO Program 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	Request identifier
REQUEST_TYPE_ID	NOT NULL	NUMBER	The request type used by the request
IMPACT_SEVERITY_CODE	NULL	VARCHAR2(200)	Severity of the impact of the scope change: see lookup type 'PMO - Scope Change Severity.'
IMPACT_SEVERITY_MEANING	NULL	VARCHAR2(200)	Severity of the impact of the scope change: see lookup type 'PMO - Scope Change Severity.'
CR_LEVEL_CODE	NULL	VARCHAR2(200)	Change request level importance of the scope change: see lookup type 'PMO - CR LEVEL'
CR_LEVEL_MEANING	NULL	VARCHAR2(200)	Change request level importance of the scope change: see lookup type 'PMO - CR LEVEL'

### Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_FG_PROG_SCOPE_CHANGE_U1	UNIQUE	1	REQUEST_ID

### Sequences

This table does not use any sequences.

## KCRT\_FG\_PROG\_SCOPE\_CHANGE\_INT

KCRT\_FG\_PROG\_SCOPE\_CHANGE\_INT is a child table of KCRT\_REQUESTS\_INT. KCRT\_FG\_PROG\_SCOPE\_CHANGE\_INT is used to import data into KCRT\_FG\_PROG\_SCOPE\_CHANGE. 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
<UNKNOWN>	<UNKNOWN>	PARENT_TRANSACTION_ID
KCRT_FG_DEMAND_SCHEDULE	REQUEST_ID	REQUEST_ID
KCRT_FG_MASTER_PROJ_REF	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_PROG_RISK	REQUEST_ID	REQUEST_ID
KCRT_FG_PROG_SCOPE_CHANGE	REQUEST_ID	REQUEST_ID
KCRT_FG_SLA	REQUEST_ID	REQUEST_ID
KCRT_FG_WORK_ITEMS	REQUEST_ID	REQUEST_ID
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_REQUEST_TYPES	REQUEST_TYPE_ID	REQUEST_TYPE_ID
KCRT_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID
KDRV_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID
KNTA_USERS_INT	TRANSACTION_ID	TRANSACTION_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

### 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
PARENT_TRANSACTION_ID	NOT NULL	NUMBER	Links this table to TRANSACTION_ID in KCRT_REQUESTS_INT
REQUEST_ID	NULL	NUMBER	Refers to the request_id in KCRT_REQUESTS table
REQUEST_TYPE_ID	NULL	NUMBER	Request Type id used by this Request
IMPACT_SEVERITY_CODE	NULL	VARCHAR2(200)	Severity of the impact of the scope change: see lookup type 'PMO - Scope Change Severity.'
IMPACT_SEVERITY_MEANING	NULL	VARCHAR2(200)	Severity of the impact of the scope change: see lookup type 'PMO -

Column Name	Null?	Data Type	Description
CR_LEVEL_CODE	NULL	VARCHAR2(200)	Scope Change Severity.'
CR_LEVEL_MEANING	NULL	VARCHAR2(200)	Change request level importance of the scope change: see lookup type 'PMO - CR LEVEL'
			Change request level importance of the scope change: see lookup type 'PMO - CR LEVEL'

*Indexes*

Index Name	Index Type	Sequence	Column Name
KCRT_FG_PROG_SC_INT_N1	NOT UNIQUE	1	GROUP_ID
KCRT_FG_PROG_SC_INT_N1	NOT UNIQUE	2	TRANSACTION_ID

*Sequences*

This table does not use any sequences.

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## KCRT\_FG\_QC\_INFO

Enter a description for KCRF\_FG\_QC\_INFO here, and verify the Temp Table Flag is correct.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
<UNKNOWN>	<UNKNOWN>	QC_TESTSET_EXEC_ID
<UNKNOWN>	<UNKNOWN>	QC_DOMAIN_ID
<UNKNOWN>	<UNKNOWN>	QC_PROJECT_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	
QC_DOMAIN	NULL	VARCHAR2 (128)	
QC_PROJECT	NULL	VARCHAR2 (64)	
QC_USER	NULL	VARCHAR2 (200)	
QC_PASSWORD	NULL	VARCHAR2 (200)	
QC_TESTSET_EXEC_ID	NULL	NUMBER	
QC_TESTSET_STATUS	NULL	VARCHAR2 (20)	
QC_REQUIREMENTS_COVERAGE	NULL	NUMBER	
QC_OPEN_DEFECTS	NULL	NUMBER	
QC_DOMAIN_ID	NULL	NUMBER	
QC_PROJECT_ID	NULL	NUMBER	

### 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

Enter a description for KCRT\_FG\_QC\_INFO\_INT here, and verify the Temp Table Flag is correct.

## Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
<UNKNOWN>	<UNKNOWN>	PARENT_TRANSACTION_ID
<UNKNOWN>	<UNKNOWN>	QC_TESTSET_EXEC_ID
<UNKNOWN>	<UNKNOWN>	QC_DOMAIN_ID
<UNKNOWN>	<UNKNOWN>	QC_PROJECT_ID
KCRT_FG_DEMAND_SCHEDULE	REQUEST_ID	REQUEST_ID
KCRT_FG_MASTER_PROJ_REF	REQUEST_ID	REQUEST_ID
KCRT_FG_PFM_ASSET	REQUEST_ID	REQUEST_ID
KCRT_FG_PFM_PROJECT	REQUEST_ID	REQUEST_ID
KCRT_FG_PFM_PROPOSAL	REQUEST_ID	REQUEST_ID
KCRT_FG_PROG_ISSUE	REQUEST_ID	REQUEST_ID
KCRT_FG_PROG_REFERENCE	REQUEST_ID	REQUEST_ID
KCRT_FG_PROG_RESOURCE_REQ	REQUEST_ID	REQUEST_ID
KCRT_FG_PROG_RISK	REQUEST_ID	REQUEST_ID
KCRT_FG_PROG_SCOPE_CHANGE	REQUEST_ID	REQUEST_ID
KCRT_FG_QC_INFO	REQUEST_ID	REQUEST_ID
KCRT_FG_SLA	REQUEST_ID	REQUEST_ID
KCRT_FG_WORK_ITEMS	REQUEST_ID	REQUEST_ID
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_REQUEST_TYPES	REQUEST_TYPE_ID	REQUEST_TYPE_ID
KCRT_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID
KDRV_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID
KNTA_USERS_INT	TRANSACTION_ID	TRANSACTION_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

## Column Descriptions

Column Name	Null?	Data Type	Description
GROUP_ID	NULL	NUMBER	System-generated identifier
TRANSACTION_ID	NULL	NUMBER	
PARENT_TRANSACTION_ID	NULL	NUMBER	
REQUEST_ID	NULL	NUMBER	
REQUEST_TYPE_ID	NULL	NUMBER	
QC_DOMAIN	NULL	VARCHAR2 (128)	
QC_PROJECT	NULL	VARCHAR2 (64)	
QC_USER	NULL	VARCHAR2 (200)	
QC_PASSWORD	NULL	VARCHAR2 (200)	
QC_TESTSET_EXEC_ID	NULL	NUMBER	
QC_TESTSET_STATUS	NULL	VARCHAR2 (20)	
QC_REQUIREMENTS_COVERAGE	NULL	NUMBER	
QC_OPEN_DEFECTS	NULL	NUMBER	
QC_DOMAIN_ID	NULL	NUMBER	

Column Name	Null?	Data Type	Description
QC_PROJECT_ID	NULL	NUMBER	

*Indexes*

This table does not have any indexes.

*Sequences*

This table does not use any sequences.

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## 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	NULL	DATE	Date that the service was requested
SLA_LEVEL_CODE	NULL	VARCHAR2(30)	Service level agreement level: see lookup type 'DEM - SLA Level'
SLA_LEVEL	NULL	VARCHAR2(100)	Service level agreement level: see lookup type 'DEM - SLA Level'
VIOLATION_DATE	NULL	DATE	Date that the SLA rule was violated
SERVICE_SATISFIED_DATE	NULL	DATE	Date that the service was satisfied

### Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_FG_SLA_U1	NOT UNIQUE	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
<UNKNOWN>	<UNKNOWN>	PARENT_TRANSACTION_ID
KCRT_FG_DEMAND_SCHEDULE	REQUEST_ID	REQUEST_ID
KCRT_FG_MASTER_PROJ_REF	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_PROG_RISK	REQUEST_ID	REQUEST_ID
KCRT_FG_PROG_SCOPE_CHANGE	REQUEST_ID	REQUEST_ID
KCRT_FG_SLA	REQUEST_ID	REQUEST_ID
KCRT_FG_WORK_ITEMS	REQUEST_ID	REQUEST_ID
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_REQUEST_TYPES	REQUEST_TYPE_ID	REQUEST_TYPE_ID
KCRT_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID
KDRV_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID
KNTA_USERS_INT	TRANSACTION_ID	TRANSACTION_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

### 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
PARENT_TRANSACTION_ID	NOT NULL	NUMBER	Links this table to TRANSACTION_ID in KCRT_REQUESTS_INT
REQUEST_ID	NULL	NUMBER	Refers to the request_id in KCRT_REQUESTS table
REQUEST_TYPE_ID	NULL	NUMBER	Request Type id used by this Request
SERVICE_REQUESTED_DATE	NULL	DATE	Date that the service was requested
SLA_LEVEL_CODE	NULL	VARCHAR2(30)	Service level agreement level: see lookup type 'DEM - SLA Level'
SLA_LEVEL	NULL	VARCHAR2(100)	Service level agreement level: see lookup type 'DEM - SLA Level'
VIOLATION_DATE	NULL	DATE	Date that the SLA rule was violated



Column Name	Null?	Data Type	Description
SERVICE_SATISFIED_DATE	NULL	DATE	Date that the service was satisfied

*Indexes*

Index Name	Index Type	Sequence	Column Name
KCRT_FG_SLA_INT_N1	NOT UNIQUE	1	GROUP_ID
KCRT_FG_SLA_INT_N1	NOT UNIQUE	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
KCRT_REQUEST_TYPES	REQUEST_TYPE_ID	REQUEST_TYPE_ID
KRSC_SKILLS	SKILL_ID	BOOKED_SKILL_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	NULL	VARCHAR2(1)	'Y' or 'N'. Determines if this Request should be considered workload in visualizations.
WORKLOAD_FLAG_MEANING	NULL	VARCHAR2(200)	Meaning for workload_flag.
WORKLOAD_CATEGORY_CODE	NULL	VARCHAR2(30)	Lookup code for 'RSC - Workload Category Code'
WORKLOAD_CATEGORY_MEANING	NULL	VARCHAR2(200)	Lookup meaning for 'RSC - Workload Category Code'
ALLOW_EXTERNAL_UPDATE_FLAG	NULL	VARCHAR2(1)	'Y' or 'N'. Determines if this request can be updated by Time Management.
USR_SCHEDULED_START_DATE	NULL	DATE	Scheduled Start Date formatted for viewing.
USR_SCHEDULED_FINISH_DATE	NULL	DATE	Scheduled Finish Date formatted for viewing.
SCHEDULED_START_DATE	NULL	DATE	The date on which work on the Request is scheduled to commence.
SCHEDULED_FINISH_DATE	NULL	DATE	The date on which work on the Request is scheduled to conclude.
SCHEDULED_EFFORT	NULL	NUMBER	The number of hours estimated to be worked on the Request.
SCHEDULED_DURATION	NULL	NUMBER	The number of days over which work on this Request will take place not including non-working days.
SCHED_EFF_OVER_DUR	NULL	NUMBER	Ratio of Scheduled Effort/Duration. Used for defaulting logic.
USR_ACTUAL_START_DATE	NULL	DATE	Actual Start Date formatted for viewing.
USR_ACTUAL_FINISH_DATE	NULL	DATE	Actual Finish Date formatted for viewing.
ACTUAL_START_DATE	NULL	DATE	The date on which work on the Request commenced.
ACTUAL_FINISH_DATE	NULL	DATE	The date on which work on the Request concluded.
ACTUAL_EFFORT	NULL	NUMBER	The number of hours worked on the Request.
ACTUAL_DURATION	NULL	NUMBER	The number of days over which work on this Request took place not including non-working days.
ACTUAL_EFF_OVER_DUR	NULL	NUMBER	Ratio of Actual Effort/Duration. Used for defaulting logic.
BOOKED_SKILL_ID	NULL	NUMBER	Foreign key to Skills table. The Skill used by the Resource working on the task.
BOOKED_SKILL_NAME	NULL	VARCHAR2(200)	The name of the Skill represented

Column Name	Null?	Data Type	Description
			by the Skill Id.

*Indexes*

Index Name	Index Type	Sequence	Column Name
KCRT_FG_WORK_ITEMS_N1	NOT UNIQUE	1	BOOKED_SKILL_ID
KCRT_FG_WORK_ITEMS_N2	NOT UNIQUE	1	WORKLOAD_FLAG
KCRT_FG_WORK_ITEMS_N2	NOT UNIQUE	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
<UNKNOWN>	<UNKNOWN>	BOOKED_SKILL_ID
<UNKNOWN>	<UNKNOWN>	PARENT_TRANSACTION_ID
KCRT_FG_DEMAND_SCHEDULE	REQUEST_ID	REQUEST_ID
KCRT_FG_DEMAND_SCHEDULE_INT	GROUP_ID	GROUP_ID
KCRT_FG_MASTER_PROJ_REF	REQUEST_ID	REQUEST_ID
KCRT_FG_MASTER_PROJ_REF_INT	GROUP_ID	GROUP_ID
KCRT_FG_PROG_ISSUE	REQUEST_ID	REQUEST_ID
KCRT_FG_PROG_ISSUE_INT	GROUP_ID	GROUP_ID
KCRT_FG_PROG_REFERENCE	REQUEST_ID	REQUEST_ID
KCRT_FG_PROG_REFERENCE_INT	GROUP_ID	GROUP_ID
KCRT_FG_PROG_RESOURCE_REQ	REQUEST_ID	REQUEST_ID
KCRT_FG_PROG_RESOURCE_REQ_INT	GROUP_ID	GROUP_ID
KCRT_FG_PROG_RISK	REQUEST_ID	REQUEST_ID
KCRT_FG_PROG_RISK_INT	GROUP_ID	GROUP_ID
KCRT_FG_PROG_SCOPE_CHANGE	REQUEST_ID	REQUEST_ID
KCRT_FG_PROG_SCOPE_CHANGE_INT	GROUP_ID	GROUP_ID
KCRT_FG_SLA	REQUEST_ID	REQUEST_ID
KCRT_FG_SLA_INT	GROUP_ID	GROUP_ID
KCRT_FG_WORK_ITEMS	REQUEST_ID	REQUEST_ID
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_REQUESTS_INT	GROUP_ID	GROUP_ID
KCRT_REQUEST_DETAILS_INT	GROUP_ID	GROUP_ID
KCRT_REQUEST_TYPES	REQUEST_TYPE_ID	REQUEST_TYPE_ID
KCRT_REQ_HEADER_DETAILS_INT	GROUP_ID	GROUP_ID
KCRT_TABLE_ENTRIES_INT	GROUP_ID	GROUP_ID
KCRT_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID
KDLV_OM_DYNAMIC_SQL	GROUP_ID	GROUP_ID
KDLV_OM_TEMP	GROUP_ID	GROUP_ID
KDRV_PROJECTS_INT	GROUP_ID	GROUP_ID
KDRV_PROJECTS_TEMP	GROUP_ID	GROUP_ID
KDRV_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID
KNTA_USERS_INT	TRANSACTION_ID	TRANSACTION_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
KWFL_WORKFLOW_STEPS_TEMP	GROUP_ID	GROUP_ID

Column Descriptions

Column Name	Null?	Data Type	Description
WORK_ITEM_INTERFACE_ID	NULL	NUMBER	System generated id.
GROUP_ID	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	NULL	NUMBER	System-generated record identifier
PARENT_TRANSACTION_ID	NULL	NUMBER	Links this table to TRANSACTION_ID in KCRT_REQUESTS_INT
PROCESS_PHASE	NULL	NUMBER	Determines where the record is in the interface process: 1 -- Pending, 2 -- Validating, 3 -- Importing
PROCESS_STATUS	NULL	NUMBER	Determines the current status of the interface record: 1 -- Pending, 2 -- In-Process, 3 -- Errored, 4 -- Completed.
REQUEST_ID	NULL	NUMBER	Refers to the request_id in KCRT_REQUESTS table
REQUEST_TYPE_ID	NULL	NUMBER	Request Type id used by this Request
WORKLOAD_FLAG	NULL	VARCHAR2(1)	'Y' or 'N'. Determines if this Request should be considered workload in visualizations.
WORKLOAD_FLAG_MEANING	NULL	VARCHAR2(200)	Meaning for workload_flag ('Y' or 'N')
WORKLOAD_CATEGORY_CODE	NULL	VARCHAR2(30)	Lookup code for 'RSC - Workload Category Code'
WORKLOAD_CATEGORY_MEANING	NULL	VARCHAR2(200)	Lookup meaning for 'RSC - Workload Category Code'
ALLOW_EXTERNAL_UPDATE_FLAG	NULL	VARCHAR2(1)	'Y' or 'N'. Determines if this request can be updated by Time Management.
USR_SCHEDULED_START_DATE	NULL	DATE	Scheduled Start Date formatted for viewing.
USR_SCHEDULED_FINISH_DATE	NULL	DATE	Scheduled Finish Date formatted for viewing.
SCHEDULED_START_DATE	NULL	DATE	The date on which work on the Request is scheduled to commence.
SCHEDULED_FINISH_DATE	NULL	DATE	The date on which work on the Request is scheduled to conclude.
SCHEDULED_EFFORT	NULL	NUMBER	The number of hours estimated to be worked on the Request.
SCHEDULED_DURATION	NULL	NUMBER	The number of days over which work on this Request will take place not including non-working days.
SCHED_EFF_OVER_DUR	NULL	NUMBER	Ratio of Scheduled Effort/Duration. Used for defaulting logic.
USR_ACTUAL_START_DATE	NULL	DATE	Actual Start Date formatted for viewing.
USR_ACTUAL_FINISH_DATE	NULL	DATE	Actual Finish Date formatted for viewing.
ACTUAL_START_DATE	NULL	DATE	The date on which work on the Request commenced.
ACTUAL_FINISH_DATE	NULL	DATE	The date on which work on the Request concluded.
ACTUAL_EFFORT	NULL	NUMBER	The number of hours worked on the Request.
ACTUAL_DURATION	NULL	NUMBER	The number of days over which work on this Request took place not including non-working days.
ACTUAL_EFF_OVER_DUR	NULL	NUMBER	Ratio of Actual Effort/Duration. Used for defaulting logic.

Column Name	Null?	Data Type	Description
BOOKED_SKILL_ID	NULL	NUMBER	Foreign key to Skills table. The Skill used by the Resource working on the task.
BOOKED_SKILL_NAME	NULL	VARCHAR2(200)	The name of the Skill represented by the Skill Id.

*Indexes*

Index Name	Index Type	Sequence	Column Name
KCRT_FG_WORK_ITEMS_INT_N1	NOT UNIQUE	1	GROUP_ID
KCRT_FG_WORK_ITEMS_INT_N1	NOT UNIQUE	2	TRANSACTION_ID
KCRT_FG_WORK_ITEMS_INT_N2	NOT UNIQUE	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
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_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
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.
PARAMETER_SET_FIELD_ID	NOT NULL	NUMBER	Identfier for the parameter field associated with this record.
HEADER_FIELD_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether or not this field is a header field.
REQUIRED_FIELD_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether or not this field is a required field.
DISABLED_FIELD_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether or not this field is available for use.
CLEAR_FIELD_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether or not this field will be cleared.
RECONFIRM_FIELD_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether or not this field will require reconfirmation.
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.
VISIBLE_FIELD_FLAG	NOT NULL	VARCHAR2(1)	Flag that determines whether the field is visible to the end user

### Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_FIELD_DEPENDENCIES_N1	NOT UNIQUE	1	REQUEST_TYPE_STATUS_ID
KCRT_FIELD_DEPENDENCIES_N1	NOT UNIQUE	2	PARAMETER_SET_FIELD_ID
KCRT_FIELD_DEPENDENCIES_U1	UNIQUE	1	FIELD_DEPENDENCY_ID

*Sequences*

Sequence Name

Column Name

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KCRT\_FIELD\_DEPENDENCIES\_S

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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
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_REQUEST_HEADER_TYPES	REQUEST_HEADER_TYPE_ID	REQUEST_HEADER_TYPE_ID
KCRT_REQUEST_TYPES	REQUEST_TYPE_ID	REQUEST_TYPE_ID
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	USER_DATA_SET_CONTEXT_ID

### Column Descriptions

Column Name	Null?	Data Type	Description
FLS_VISIBILITY_ID	NOT NULL	NUMBER	System-generated identifier
REQUEST_ID	NOT NULL	NUMBER	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
RHT_VISIBILITY_SEC_EXISTS_FLAG	NOT NULL	VARCHAR2(1)	This flag indicates whether or not the Request Header Type has field level security set
RT_VISIBILITY_SEC_EXISTS_FLAG	NOT NULL	VARCHAR2(1)	This flag indicates whether or not the Request Type has field level security set
UD_VISIBILITY_SEC_EXISTS_FLAG	NOT NULL	VARCHAR2(1)	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	NOT UNIQUE	1	REQUEST_TYPE_ID
KCRT_FLS_VISIBILITY_N2	NOT UNIQUE	1	REQUEST_HEADER_TYPE_ID
KCRT_FLS_VISIBILITY_N3	NOT UNIQUE	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	Column Name
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
KCRT_REQUEST_HEADER_TYPES	REQUEST_HEADER_TYPE_ID	REQUEST_HEADER_TYPE_ID
KNTA_FIELD_GROUPS	FIELD_GROUP_ID	FIELD_GROUP_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

### 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
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)

### Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_HDR_TYPES_FIELD_GROUPS_N1	NOT UNIQUE	1	REQUEST_HEADER_TYPE_ID
KCRT_HDR_TYPES_FIELD_GROUPS_U1	UNIQUE	1	HDR_TYPES_FIELD_GROUP_ID

### Sequences

Sequence Name	Column Name
KCRT_HDR_TYPES_FIELD_GROUPS_S	HDR_TYPES_FIELD_GROUP_ID

## KCRT\_REQUESTS

This table contains all the header information of a Request defined in Kintana Create.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_CONTACTS	CONTACT_ID	CONTACT_ID
KCRT_REQUEST_SUB_TYPES	REQUEST_SUB_TYPE_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
KNTA_SECURITY_GROUPS	SECURITY_GROUP_ID	ASSIGNED_TO_GROUP_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	ASSIGNED_TO_USER_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.
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(30)	Indicates the sequential request number identifier that the user sees. Value is retrieved from the request_id.
REQUEST_TYPE_ID	NOT NULL	NUMBER	Identifier that denotes what type of Request this record is.
REQUEST_SUBTYPE_ID	NULL	NUMBER	Identifier that denotes what type of sub-request this record is, if provided.
DESCRIPTION	NULL	VARCHAR2(240)	Short description of the selected request.
RELEASE_DATE	NULL	DATE	The date wherein this request was released.
STATUS_ID	NOT NULL	NUMBER	Identifier for the current request status.
WORKFLOW_ID	NULL	NUMBER	Identifier for the workflow associated to this record.
DEPARTMENT_CODE	NULL	VARCHAR2(30)	Lookup code for 'DEPARTMENT'.
PRIORITY_CODE	NULL	VARCHAR2(30)	Lookup code for 'PRIORITY'.
APPLICATION	NULL	VARCHAR2(30)	Lookup code for 'APPLICATION'.
ASSIGNED_TO_USER_ID	NULL	NUMBER	Identifier for the user wherein this request was assigned to.
ASSIGNED_TO_GROUP_ID	NULL	NUMBER	Identifier for the security group wherein this request was assigned to.
PROJECT_CODE	NULL	VARCHAR2(30)	Lookup Code for 'REQUEST_GROUP'.
CONTACT_ID	NULL	NUMBER	Identifier for the contacts associated to this record.
COMPANY	NULL	VARCHAR2(30)	Identifier field for the Company this request is associated with.

Column Name	Null?	Data Type	Description
UPDATED_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether or not this record has been updated.
STATUS_CODE	NOT NULL	VARCHAR2(30)	Lookup code for 'WF_PARENT_STATUS'
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.
USER_DATA_SET_CONTEXT_ID	NULL	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA1	NULL	VARCHAR2(200)	User data segment
USER_DATA2	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA2	NULL	VARCHAR2(200)	User data segment
USER_DATA3	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA3	NULL	VARCHAR2(200)	User data segment
USER_DATA4	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA4	NULL	VARCHAR2(200)	User data segment
USER_DATA5	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA5	NULL	VARCHAR2(200)	User data segment
USER_DATA6	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA6	NULL	VARCHAR2(200)	User data segment
USER_DATA7	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA7	NULL	VARCHAR2(200)	User data segment
USER_DATA8	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA8	NULL	VARCHAR2(200)	User data segment
USER_DATA9	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA9	NULL	VARCHAR2(200)	User data segment
USER_DATA10	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA10	NULL	VARCHAR2(200)	User data segment
USER_DATA11	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA11	NULL	VARCHAR2(200)	User data segment
USER_DATA12	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA12	NULL	VARCHAR2(200)	User data segment
USER_DATA13	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA13	NULL	VARCHAR2(200)	User data segment
USER_DATA14	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA14	NULL	VARCHAR2(200)	User data segment
USER_DATA15	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA15	NULL	VARCHAR2(200)	User data segment
USER_DATA16	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA16	NULL	VARCHAR2(200)	User data segment
USER_DATA17	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA17	NULL	VARCHAR2(200)	User data segment
USER_DATA18	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA18	NULL	VARCHAR2(200)	User data segment
USER_DATA19	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA19	NULL	VARCHAR2(200)	User data segment
USER_DATA20	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA20	NULL	VARCHAR2(200)	User data segment

Column Name	Null?	Data Type	Description
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	NOT UNIQUE	1	REQUEST_TYPE_ID
KCRT_REQUESTS_N2	NOT UNIQUE	1	WORKFLOW_ID
KCRT_REQUESTS_N3	NOT UNIQUE	1	ASSIGNED_TO_USER_ID
KCRT_REQUESTS_N4	NOT UNIQUE	1	ASSIGNED_TO_GROUP_ID
KCRT_REQUESTS_N5	NOT UNIQUE	1	STATUS_ID
KCRT_REQUESTS_N6	NOT UNIQUE	1	APPLICATION
KCRT_REQUESTS_N7	NOT UNIQUE	1	RELEASE_DATE
KCRT_REQUESTS_N8	NOT UNIQUE	1	CREATED_BY
KCRT_REQUESTS_U1	UNIQUE	1	REQUEST_ID
KCRT_REQUESTS_U2	UNIQUE	1	REQUEST_NUMBER

*Sequences*

Sequence Name	Column Name
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
KCRT_CONTACTS	CONTACT_ID	CONTACT_ID
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_REQUEST_SUB_TYPES	REQUEST_SUB_TYPE_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
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	PARAMETER_SET_CONTEXT_ID
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	USER_DATA_SET_CONTEXT_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	ASSIGNED_TO_USER_ID
KNTA_USER_SECURITY	USER_SECURITY_ID	ASSIGNED_TO_GROUP_ID
KNTA_USER_SECURITY	USER_SECURITY_ID	GROUP_ID
KWFL_WORKFLOWS	WORKFLOW_ID	WORKFLOW_ID
KWFL_WORKFLOW_STEPS	WORKFLOW_STEP_ID	WORKFLOW_STEP_ID

### Column Descriptions

Column Name	Null?	Data Type	Description
GROUP_ID	NOT NULL	NUMBER	This value is used to tie records in the interface tables together. Most of database processing is done based on this value.
TRANSACTION_ID	NOT NULL	NUMBER	System-generated identifier.
PROCESS_PHASE	NULL	NUMBER	Indicates which phase a record is at: Pending, Deriving, Validating, Importing or Completed.
PROCESS_STATUS	NULL	NUMBER	Indicates the current status of the interface record: Pending, In Progress, Errored or Completed.
REQUEST_ID	NULL	NUMBER	Refers to the request_id in KCRT_REQUESTS table.
CREATION_DATE	NULL	DATE	Date record was created.
CREATED_USERNAME	NOT NULL	VARCHAR2(200)	Username that creates the record.
CREATED_BY	NULL	NUMBER	Identifier for the user that created the record.
LAST_UPDATE_DATE	NULL	DATE	Date record was last updated.
LAST_UPDATED_USERNAME	NOT NULL	VARCHAR2(200)	Username that last updated this record.
LAST_UPDATED_BY	NULL	NUMBER	Identifier for the user that last updated the record.
ENTITY_LAST_UPDATE_DATE	NULL	DATE	Date a record in the entity was last updated.
REQUEST_NUMBER	NULL	VARCHAR2(30)	Refers to the request_number in KNTA_REQUESTS table.

Column Name	Null?	Data Type	Description
REQUEST_TYPE_NAME	NOT NULL	VARCHAR2(80)	Type of the Request.
REQUEST_TYPE_ID	NULL	NUMBER	Request Type id used by this Request.
REQUEST_SUBTYPE_NAME	NULL	VARCHAR2(80)	Sub type name of the Request.
REQUEST_SUBTYPE_ID	NULL	NUMBER	Request Subtype id used by this request.
DESCRIPTION	NULL	VARCHAR2(240)	Description of the Request entered by the user.
RELEASE_DATE	NULL	DATE	The date Request was submitted.
STATUS_NAME	NULL	VARCHAR2(80)	Status Name of the Request.
STATUS_ID	NULL	NUMBER	Id of status used by the Request.
WORKFLOW_NAME	NULL	VARCHAR2(80)	Name of the Workflow used by the Request.
WORKFLOW_ID	NULL	NUMBER	Id of the Workflow used by the Request.
DEPARTMENT_CODE	NULL	VARCHAR2(30)	Code of the Department to which the Request is assigned to.
DEPARTMENT_NAME	NULL	VARCHAR2(80)	Name of the Department to which the Request is assigned to.
PRIORITY_CODE	NULL	VARCHAR2(30)	Priority of the Request.
PRIORITY_NAME	NULL	VARCHAR2(80)	Priority Name of the Request.
APPLICATION	NULL	VARCHAR2(30)	The Application code of the Request.
ASSIGNED_TO_USERNAME	NULL	VARCHAR2(200)	Username assigned to this Request.
ASSIGNED_TO_USER_ID	NULL	NUMBER	ID of the group assigned to this Request.
ASSIGNED_TO_GROUP_NAME	NULL	VARCHAR2(30)	Name of the group assigned to this Request.
ASSIGNED_TO_GROUP_ID	NULL	NUMBER	ID of the group assigned to this Request.
PROJECT_CODE	NULL	VARCHAR2(30)	Request Group Code of the Request.
CONTACT_FIRST_NAME	NULL	VARCHAR2(30)	First Name of the Contact for the Request.
CONTACT_LAST_NAME	NULL	VARCHAR2(30)	Last Name of the Contact for the Request.
CONTACT_ID	NULL	NUMBER	ID of the Contact.
RELEASED_FLAG	NOT NULL	VARCHAR2(1)	Release identifier.
USER_DATA_SET_CONTEXT_ID	NULL	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA1	NULL	VARCHAR2(200)	User data segment
USER_DATA2	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA2	NULL	VARCHAR2(200)	User data segment
USER_DATA3	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA3	NULL	VARCHAR2(200)	User data segment
USER_DATA4	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA4	NULL	VARCHAR2(200)	User data segment
USER_DATA5	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA5	NULL	VARCHAR2(200)	User data segment
USER_DATA6	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA6	NULL	VARCHAR2(200)	User data segment
USER_DATA7	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA7	NULL	VARCHAR2(200)	User data segment
USER_DATA8	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA8	NULL	VARCHAR2(200)	User data segment
USER_DATA9	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA9	NULL	VARCHAR2(200)	User data segment
USER_DATA10	NULL	VARCHAR2(200)	User data segment

Column Name	Null?	Data Type	Description
VISIBLE_USER_DATA10	NULL	VARCHAR2(200)	User data segment
USER_DATA11	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA11	NULL	VARCHAR2(200)	User data segment
USER_DATA12	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA12	NULL	VARCHAR2(200)	User data segment
USER_DATA13	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA13	NULL	VARCHAR2(200)	User data segment
USER_DATA14	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA14	NULL	VARCHAR2(200)	User data segment
USER_DATA15	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA15	NULL	VARCHAR2(200)	User data segment
USER_DATA16	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA16	NULL	VARCHAR2(200)	User data segment
USER_DATA17	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA17	NULL	VARCHAR2(200)	User data segment
USER_DATA18	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA18	NULL	VARCHAR2(200)	User data segment
USER_DATA19	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA19	NULL	VARCHAR2(200)	User data segment
USER_DATA20	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA20	NULL	VARCHAR2(200)	User data segment
PARAMETER_SET_CONTEXT_ID	NULL	NUMBER	Parameter set context identifier for the configurable parameters of the Request.
NOTES	NULL	CLOB	Request Notes
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	Used to differentiate interface records by their point of origin.
SOURCE	NULL	VARCHAR2(100)	Denotes the External source of the Request.
WORKFLOW_STEP_ID	NULL	NUMBER	ID of the Workflow step that becomes ELIGIBLE for user processing.
COMPANY	NULL	VARCHAR2(30)	Identifier for the Company this request is associated with.

#### Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_REQUESTS_INT_N1	NOT UNIQUE	1	GROUP_ID
KCRT_REQUESTS_INT_N1	NOT UNIQUE	2	TRANSACTION_ID



Sequences

Sequence Name	Column Name
KNTA_USERS_S	ASSIGNED_TO_USER_ID
KNTA_USER_SECURITY_S	ASSIGNED_TO_GROUP_ID
KCRT_CONTACTS_S	CONTACT_ID
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_SUB_TYPES_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
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_REQUEST_TYPES	REQUEST_TYPE_ID	REQUEST_TYPE_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

### 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.
BATCH_NUMBER	NOT NULL	NUMBER	Defines which batch the parameter fields belong to.
PARAMETER_SET_CONTEXT_ID	NULL	NUMBER	The identifier of the parameter set context associated with the Request Type chosen for this Request.
PARAMETER1	NULL	VARCHAR2(200)	Request Detail parameter
VISIBLE_PARAMETER1	NULL	VARCHAR2(200)	Request Detail parameter
PARAMETER2	NULL	VARCHAR2(200)	Request Detail parameter
VISIBLE_PARAMETER2	NULL	VARCHAR2(200)	Request Detail parameter
PARAMETER3	NULL	VARCHAR2(200)	Request Detail parameter
VISIBLE_PARAMETER3	NULL	VARCHAR2(200)	Request Detail parameter
PARAMETER4	NULL	VARCHAR2(200)	Request Detail parameter
VISIBLE_PARAMETER4	NULL	VARCHAR2(200)	Request Detail parameter
PARAMETER5	NULL	VARCHAR2(200)	Request Detail parameter
VISIBLE_PARAMETERS5	NULL	VARCHAR2(200)	Request Detail parameter
PARAMETER6	NULL	VARCHAR2(200)	Request Detail parameter
VISIBLE_PARAMETER6	NULL	VARCHAR2(200)	Request Detail parameter
PARAMETER7	NULL	VARCHAR2(200)	Request Detail parameter
VISIBLE_PARAMETER7	NULL	VARCHAR2(200)	Request Detail parameter
PARAMETER8	NULL	VARCHAR2(200)	Request Detail parameter
VISIBLE_PARAMETER8	NULL	VARCHAR2(200)	Request Detail parameter
PARAMETER9	NULL	VARCHAR2(200)	Request Detail parameter
VISIBLE_PARAMETER9	NULL	VARCHAR2(200)	Request Detail parameter
PARAMETER10	NULL	VARCHAR2(200)	Request Detail parameter
VISIBLE_PARAMETER10	NULL	VARCHAR2(200)	Request Detail parameter
PARAMETER11	NULL	VARCHAR2(200)	Request Detail parameter
VISIBLE_PARAMETER11	NULL	VARCHAR2(200)	Request Detail parameter
PARAMETER12	NULL	VARCHAR2(200)	Request Detail parameter
VISIBLE_PARAMETER12	NULL	VARCHAR2(200)	Request Detail parameter



Column Name	Null?	Data Type	Description
PARAMETER39	NULL	VARCHAR2 (200)	Request Detail parameter
VISIBLE_PARAMETER39	NULL	VARCHAR2 (200)	Request Detail parameter
PARAMETER40	NULL	VARCHAR2 (200)	Request Detail parameter
VISIBLE_PARAMETER40	NULL	VARCHAR2 (200)	Request Detail parameter
PARAMETER41	NULL	VARCHAR2 (1800)	Request Detail parameter
VISIBLE_PARAMETER41	NULL	VARCHAR2 (1800)	Request Detail parameter
PARAMETER42	NULL	VARCHAR2 (1800)	Request Detail parameter
VISIBLE_PARAMETER42	NULL	VARCHAR2 (1800)	Request Detail parameter
PARAMETER43	NULL	VARCHAR2 (1800)	Request Detail parameter
VISIBLE_PARAMETER43	NULL	VARCHAR2 (1800)	Request Detail parameter
PARAMETER44	NULL	VARCHAR2 (1800)	Request Detail parameter
VISIBLE_PARAMETER44	NULL	VARCHAR2 (1800)	Request Detail parameter
PARAMETER45	NULL	VARCHAR2 (1800)	Request Detail parameter
VISIBLE_PARAMETER45	NULL	VARCHAR2 (1800)	Request Detail parameter
PARAMETER46	NULL	VARCHAR2 (1800)	Request Detail parameter
VISIBLE_PARAMETER46	NULL	VARCHAR2 (1800)	Request Detail parameter
PARAMETER47	NULL	VARCHAR2 (1800)	Request Detail parameter
VISIBLE_PARAMETER47	NULL	VARCHAR2 (1800)	Request Detail parameter
PARAMETER48	NULL	VARCHAR2 (1800)	Request Detail parameter
VISIBLE_PARAMETER48	NULL	VARCHAR2 (1800)	Request Detail parameter
PARAMETER49	NULL	VARCHAR2 (1800)	Request Detail parameter
VISIBLE_PARAMETER49	NULL	VARCHAR2 (1800)	Request Detail parameter
PARAMETER50	NULL	VARCHAR2 (1800)	Request Detail parameter
VISIBLE_PARAMETER50	NULL	VARCHAR2 (1800)	Request Detail parameter

*Indexes*

Index Name	Index Type	Sequence	Column Name
KCRT_REQUEST_DETAILS_N1	NOT UNIQUE	1	REQUEST_ID
KCRT_REQUEST_DETAILS_N1	NOT UNIQUE	2	BATCH_NUMBER
KCRT_REQUEST_DETAILS_N2	NOT UNIQUE	1	REQUEST_TYPE_ID
KCRT_REQUEST_DETAILS_U1	UNIQUE	1	REQUEST_DETAIL_ID

*Sequences*

Sequence Name	Column Name
KCRT_REQUEST_DETAILS_S	REQUEST_DETAIL_ID

## KCRT\_REQUEST\_DETAILS\_ARCH

KCRT\_REQUEST\_DETAILS\_ARCH stored the backup KCRT\_REQUEST\_DETAILS data. The Kintana Create 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
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_REQUEST_TYPES	REQUEST_TYPE_ID	REQUEST_TYPE_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_USERS	USER_ID	ARCHIVED_BY

### Column Descriptions

Column Name	Null?	Data Type	Description
REQUEST_DETAIL_ARCH_ID	NOT NULL	NUMBER	System-generated identifier.
CREATION_DATE	NOT NULL	DATE	Date record was created.
CREATED_BY	NOT NULL	NUMBER	Identifier for the user 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.
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	NULL	NUMBER	The identifier of the parameter set context associated with the original Request Type chosen for this Request.
PARAMETER1	NULL	VARCHAR2 (200)	REQUEST_DETAILS_ARCH parameter
VISIBLE_PARAMETER1	NULL	VARCHAR2 (200)	REQUEST_DETAILS_ARCH parameter
PARAMETER2	NULL	VARCHAR2 (200)	REQUEST_DETAILS_ARCH parameter
VISIBLE_PARAMETER2	NULL	VARCHAR2 (200)	REQUEST_DETAILS_ARCH parameter
PARAMETER3	NULL	VARCHAR2 (200)	REQUEST_DETAILS_ARCH parameter
VISIBLE_PARAMETER3	NULL	VARCHAR2 (200)	REQUEST_DETAILS_ARCH parameter
PARAMETER4	NULL	VARCHAR2 (200)	REQUEST_DETAILS_ARCH parameter
VISIBLE_PARAMETER4	NULL	VARCHAR2 (200)	REQUEST_DETAILS_ARCH parameter
PARAMETER5	NULL	VARCHAR2 (200)	REQUEST_DETAILS_ARCH parameter
VISIBLE_PARAMETER5	NULL	VARCHAR2 (200)	REQUEST_DETAILS_ARCH parameter
PARAMETER6	NULL	VARCHAR2 (200)	REQUEST_DETAILS_ARCH parameter
VISIBLE_PARAMETER6	NULL	VARCHAR2 (200)	REQUEST_DETAILS_ARCH parameter
PARAMETER7	NULL	VARCHAR2 (200)	REQUEST_DETAILS_ARCH parameter
VISIBLE_PARAMETER7	NULL	VARCHAR2 (200)	REQUEST_DETAILS_ARCH parameter
PARAMETER8	NULL	VARCHAR2 (200)	REQUEST_DETAILS_ARCH parameter
VISIBLE_PARAMETER8	NULL	VARCHAR2 (200)	REQUEST_DETAILS_ARCH parameter
PARAMETER9	NULL	VARCHAR2 (200)	REQUEST_DETAILS_ARCH parameter



Column Name	Null?	Data Type	Description
VISIBLE_PARAMETER35	NULL	VARCHAR2 (200)	REQUEST_DETAILS_ARCH parameter
PARAMETER36	NULL	VARCHAR2 (200)	REQUEST_DETAILS_ARCH parameter
VISIBLE_PARAMETER36	NULL	VARCHAR2 (200)	REQUEST_DETAILS_ARCH parameter
PARAMETER37	NULL	VARCHAR2 (200)	REQUEST_DETAILS_ARCH parameter
VISIBLE_PARAMETER37	NULL	VARCHAR2 (200)	REQUEST_DETAILS_ARCH parameter
PARAMETER38	NULL	VARCHAR2 (200)	REQUEST_DETAILS_ARCH parameter
VISIBLE_PARAMETER38	NULL	VARCHAR2 (200)	REQUEST_DETAILS_ARCH parameter
PARAMETER39	NULL	VARCHAR2 (200)	REQUEST_DETAILS_ARCH parameter
VISIBLE_PARAMETER39	NULL	VARCHAR2 (200)	REQUEST_DETAILS_ARCH parameter
PARAMETER40	NULL	VARCHAR2 (200)	REQUEST_DETAILS_ARCH parameter
VISIBLE_PARAMETER40	NULL	VARCHAR2 (200)	REQUEST_DETAILS_ARCH parameter
PARAMETER41	NULL	VARCHAR2 (1800)	REQUEST_DETAILS_ARCH parameter
VISIBLE_PARAMETER41	NULL	VARCHAR2 (1800)	REQUEST_DETAILS_ARCH parameter
PARAMETER42	NULL	VARCHAR2 (1800)	REQUEST_DETAILS_ARCH parameter
VISIBLE_PARAMETER42	NULL	VARCHAR2 (1800)	REQUEST_DETAILS_ARCH parameter
PARAMETER43	NULL	VARCHAR2 (1800)	REQUEST_DETAILS_ARCH parameter
VISIBLE_PARAMETER43	NULL	VARCHAR2 (1800)	REQUEST_DETAILS_ARCH parameter
PARAMETER44	NULL	VARCHAR2 (1800)	REQUEST_DETAILS_ARCH parameter
VISIBLE_PARAMETER44	NULL	VARCHAR2 (1800)	REQUEST_DETAILS_ARCH parameter
PARAMETER45	NULL	VARCHAR2 (1800)	REQUEST_DETAILS_ARCH parameter
VISIBLE_PARAMETER45	NULL	VARCHAR2 (1800)	REQUEST_DETAILS_ARCH parameter
PARAMETER46	NULL	VARCHAR2 (1800)	REQUEST_DETAILS_ARCH parameter
VISIBLE_PARAMETER46	NULL	VARCHAR2 (1800)	REQUEST_DETAILS_ARCH parameter
PARAMETER47	NULL	VARCHAR2 (1800)	REQUEST_DETAILS_ARCH parameter
VISIBLE_PARAMETER47	NULL	VARCHAR2 (1800)	REQUEST_DETAILS_ARCH parameter
PARAMETER48	NULL	VARCHAR2 (1800)	REQUEST_DETAILS_ARCH parameter
VISIBLE_PARAMETER48	NULL	VARCHAR2 (1800)	REQUEST_DETAILS_ARCH parameter
PARAMETER49	NULL	VARCHAR2 (1800)	REQUEST_DETAILS_ARCH parameter
VISIBLE_PARAMETER49	NULL	VARCHAR2 (1800)	REQUEST_DETAILS_ARCH parameter
PARAMETER50	NULL	VARCHAR2 (1800)	REQUEST_DETAILS_ARCH parameter
VISIBLE_PARAMETER50	NULL	VARCHAR2 (1800)	REQUEST_DETAILS_ARCH parameter

*Indexes*

Index Name	Index Type	Sequence	Column Name
KCRT_REQUEST_DETAILS_ARCH_N1	NOT UNIQUE	1	REQUEST_ID
KCRT_REQUEST_DETAILS_ARCH_N1	NOT UNIQUE	2	REQUEST_TYPE_ID
KCRT_REQUEST_DETAILS_ARCH_U1	UNIQUE	1	REQUEST_DETAIL_ARCH_ID

*Sequences*

Sequence Name	Column Name
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_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_REQUESTS_INT	TRANSACTION_ID	PARENT_TRANSACTION_ID
KCRT_REQUEST_DETAILS	REQUEST_DETAIL_ID	REQUEST_DETAIL_ID
KCRT_REQUEST_TYPES	REQUEST_TYPE_ID	REQUEST_TYPE_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	NULL	NUMBER	Refers to the request_detail_id in KCRT_REQUEST_DETAILS table
REQUEST_ID	NULL	NUMBER	Refers to the request_id in KCRT_REQUESTS table
REQUEST_TYPE_ID	NULL	NUMBER	Request Type id used by this Request
PARAMETER_SET_CONTEXT_ID	NULL	NUMBER	Parameter set context identifier for the configurable parameters of the Request
BATCH_NUMBER	NULL	NUMBER	Batch Number of the Request Detail where this PARAMETER field is found.
PARAMETER1	NULL	VARCHAR2(200)	Request Detail Parameter
VISIBLE_PARAMETER1	NULL	VARCHAR2(200)	Request Detail Parameter
PARAMETER2	NULL	VARCHAR2(200)	Request Detail Parameter
VISIBLE_PARAMETER2	NULL	VARCHAR2(200)	Request Detail Parameter
PARAMETER3	NULL	VARCHAR2(200)	Request Detail Parameter
VISIBLE_PARAMETER3	NULL	VARCHAR2(200)	Request Detail Parameter
PARAMETER4	NULL	VARCHAR2(200)	Request Detail Parameter
VISIBLE_PARAMETER4	NULL	VARCHAR2(200)	Request Detail Parameter
PARAMETER5	NULL	VARCHAR2(200)	Request Detail Parameter
VISIBLE_PARAMETER5	NULL	VARCHAR2(200)	Request Detail Parameter
PARAMETER6	NULL	VARCHAR2(200)	Request Detail Parameter
VISIBLE_PARAMETER6	NULL	VARCHAR2(200)	Request Detail Parameter
PARAMETER7	NULL	VARCHAR2(200)	Request Detail Parameter
VISIBLE_PARAMETER7	NULL	VARCHAR2(200)	Request Detail Parameter
PARAMETER8	NULL	VARCHAR2(200)	Request Detail Parameter
VISIBLE_PARAMETER8	NULL	VARCHAR2(200)	Request Detail Parameter
PARAMETER9	NULL	VARCHAR2(200)	Request Detail Parameter
VISIBLE_PARAMETER9	NULL	VARCHAR2(200)	Request Detail Parameter





Column Name	Null?	Data Type	Description
PARAMETER36	NULL	VARCHAR2 (200)	Request Detail Parameter
VISIBLE_PARAMETER36	NULL	VARCHAR2 (200)	Request Detail Parameter
PARAMETER37	NULL	VARCHAR2 (200)	Request Detail Parameter
VISIBLE_PARAMETER37	NULL	VARCHAR2 (200)	Request Detail Parameter
PARAMETER38	NULL	VARCHAR2 (200)	Request Detail Parameter
VISIBLE_PARAMETER38	NULL	VARCHAR2 (200)	Request Detail Parameter
PARAMETER39	NULL	VARCHAR2 (200)	Request Detail Parameter
VISIBLE_PARAMETER39	NULL	VARCHAR2 (200)	Request Detail Parameter
PARAMETER40	NULL	VARCHAR2 (200)	Request Detail Parameter
VISIBLE_PARAMETER40	NULL	VARCHAR2 (200)	Request Detail Parameter
PARAMETER41	NULL	VARCHAR2 (1800)	Request Detail Parameter
VISIBLE_PARAMETER41	NULL	VARCHAR2 (1800)	Request Detail Parameter
PARAMETER42	NULL	VARCHAR2 (1800)	Request Detail Parameter
VISIBLE_PARAMETER42	NULL	VARCHAR2 (1800)	Request Detail Parameter
PARAMETER43	NULL	VARCHAR2 (1800)	Request Detail Parameter
VISIBLE_PARAMETER43	NULL	VARCHAR2 (1800)	Request Detail Parameter
PARAMETER44	NULL	VARCHAR2 (1800)	Request Detail Parameter
VISIBLE_PARAMETER44	NULL	VARCHAR2 (1800)	Request Detail Parameter
PARAMETER45	NULL	VARCHAR2 (1800)	Request Detail Parameter
VISIBLE_PARAMETER45	NULL	VARCHAR2 (1800)	Request Detail Parameter
PARAMETER46	NULL	VARCHAR2 (1800)	Request Detail Parameter
VISIBLE_PARAMETER46	NULL	VARCHAR2 (1800)	Request Detail Parameter
PARAMETER47	NULL	VARCHAR2 (1800)	Request Detail Parameter
VISIBLE_PARAMETER47	NULL	VARCHAR2 (1800)	Request Detail Parameter
PARAMETER48	NULL	VARCHAR2 (1800)	Request Detail Parameter
VISIBLE_PARAMETER48	NULL	VARCHAR2 (1800)	Request Detail Parameter
PARAMETER49	NULL	VARCHAR2 (1800)	Request Detail Parameter
VISIBLE_PARAMETER49	NULL	VARCHAR2 (1800)	Request Detail Parameter
PARAMETER50	NULL	VARCHAR2 (1800)	Request Detail Parameter
VISIBLE_PARAMETER50	NULL	VARCHAR2 (1800)	Request Detail Parameter
LOOKUP_TYPE1	NULL	VARCHAR2 (80)	Refers to the LOOKUP_TYPE in KNTA_LOOKUPS
VALIDATION_TYPE_CODE1	NULL	VARCHAR2 (30)	Refers to the VALIDATION_TYPE_CODE in KNTA_VALIDATIONS
LOOKUP_TYPE2	NULL	VARCHAR2 (80)	Refers to the LOOKUP_TYPE in KNTA_LOOKUPS
VALIDATION_TYPE_CODE2	NULL	VARCHAR2 (30)	Refers to the VALIDATION_TYPE_CODE in KNTA_VALIDATIONS
LOOKUP_TYPE3	NULL	VARCHAR2 (80)	Refers to the LOOKUP_TYPE in KNTA_LOOKUPS
VALIDATION_TYPE_CODE3	NULL	VARCHAR2 (30)	Refers to the VALIDATION_TYPE_CODE in KNTA_VALIDATIONS
LOOKUP_TYPE4	NULL	VARCHAR2 (80)	Refers to the LOOKUP_TYPE in KNTA_LOOKUPS
VALIDATION_TYPE_CODE4	NULL	VARCHAR2 (30)	Refers to the VALIDATION_TYPE_CODE in KNTA_VALIDATIONS
LOOKUP_TYPE5	NULL	VARCHAR2 (80)	Refers to the LOOKUP_TYPE in KNTA_LOOKUPS
VALIDATION_TYPE_CODE5	NULL	VARCHAR2 (30)	Refers to the VALIDATION_TYPE_CODE in KNTA_VALIDATIONS
LOOKUP_TYPE6	NULL	VARCHAR2 (80)	Refers to the LOOKUP_TYPE in KNTA_LOOKUPS
VALIDATION_TYPE_CODE6	NULL	VARCHAR2 (30)	Refers to the VALIDATION_TYPE_CODE in KNTA_VALIDATIONS
LOOKUP_TYPE7	NULL	VARCHAR2 (80)	Refers to the LOOKUP_TYPE in KNTA_LOOKUPS
VALIDATION_TYPE_CODE7	NULL	VARCHAR2 (30)	Refers to the VALIDATION_TYPE_CODE in KNTA_VALIDATIONS

Column Name	Null?	Data Type	Description
LOOKUP_TYPE8	NULL	VARCHAR2(80)	Refers to the LOOKUP_TYPE in KNTA_LOOKUPS
VALIDATION_TYPE_CODE8	NULL	VARCHAR2(30)	Refers to the VALIDATION_TYPE_CODE in KNTA_VALIDATIONS
LOOKUP_TYPE9	NULL	VARCHAR2(80)	Refers to the LOOKUP_TYPE in KNTA_LOOKUPS
VALIDATION_TYPE_CODE9	NULL	VARCHAR2(30)	Refers to the VALIDATION_TYPE_CODE in KNTA_VALIDATIONS
LOOKUP_TYPE10	NULL	VARCHAR2(80)	Refers to the LOOKUP_TYPE in KNTA_LOOKUPS
VALIDATION_TYPE_CODE10	NULL	VARCHAR2(30)	Refers to the VALIDATION_TYPE_CODE in KNTA_VALIDATIONS
LOOKUP_TYPE11	NULL	VARCHAR2(80)	Refers to the LOOKUP_TYPE in KNTA_LOOKUPS
VALIDATION_TYPE_CODE11	NULL	VARCHAR2(30)	Refers to the VALIDATION_TYPE_CODE in KNTA_VALIDATIONS
LOOKUP_TYPE12	NULL	VARCHAR2(80)	Refers to the LOOKUP_TYPE in KNTA_LOOKUPS
VALIDATION_TYPE_CODE12	NULL	VARCHAR2(30)	Refers to the VALIDATION_TYPE_CODE in KNTA_VALIDATIONS
LOOKUP_TYPE13	NULL	VARCHAR2(80)	Refers to the LOOKUP_TYPE in KNTA_LOOKUPS
VALIDATION_TYPE_CODE13	NULL	VARCHAR2(30)	Refers to the VALIDATION_TYPE_CODE in KNTA_VALIDATIONS
LOOKUP_TYPE14	NULL	VARCHAR2(80)	Refers to the LOOKUP_TYPE in KNTA_LOOKUPS
VALIDATION_TYPE_CODE14	NULL	VARCHAR2(30)	Refers to the VALIDATION_TYPE_CODE in KNTA_VALIDATIONS
LOOKUP_TYPE15	NULL	VARCHAR2(80)	Refers to the LOOKUP_TYPE in KNTA_LOOKUPS
VALIDATION_TYPE_CODE15	NULL	VARCHAR2(30)	Refers to the VALIDATION_TYPE_CODE in KNTA_VALIDATIONS
LOOKUP_TYPE16	NULL	VARCHAR2(80)	Refers to the LOOKUP_TYPE in KNTA_LOOKUPS
VALIDATION_TYPE_CODE16	NULL	VARCHAR2(30)	Refers to the VALIDATION_TYPE_CODE in KNTA_VALIDATIONS
LOOKUP_TYPE17	NULL	VARCHAR2(80)	Refers to the LOOKUP_TYPE in KNTA_LOOKUPS
VALIDATION_TYPE_CODE17	NULL	VARCHAR2(30)	Refers to the VALIDATION_TYPE_CODE in KNTA_VALIDATIONS
LOOKUP_TYPE18	NULL	VARCHAR2(80)	Refers to the LOOKUP_TYPE in KNTA_LOOKUPS
VALIDATION_TYPE_CODE18	NULL	VARCHAR2(30)	Refers to the VALIDATION_TYPE_CODE in KNTA_VALIDATIONS
LOOKUP_TYPE19	NULL	VARCHAR2(80)	Refers to the LOOKUP_TYPE in KNTA_LOOKUPS
VALIDATION_TYPE_CODE19	NULL	VARCHAR2(30)	Refers to the VALIDATION_TYPE_CODE in KNTA_VALIDATIONS
LOOKUP_TYPE20	NULL	VARCHAR2(80)	Refers to the LOOKUP_TYPE in KNTA_LOOKUPS
VALIDATION_TYPE_CODE20	NULL	VARCHAR2(30)	Refers to the VALIDATION_TYPE_CODE in KNTA_VALIDATIONS
LOOKUP_TYPE21	NULL	VARCHAR2(80)	Refers to the LOOKUP_TYPE in KNTA_LOOKUPS
VALIDATION_TYPE_CODE21	NULL	VARCHAR2(30)	Refers to the VALIDATION_TYPE_CODE in KNTA_VALIDATIONS
LOOKUP_TYPE22	NULL	VARCHAR2(80)	Refers to the LOOKUP_TYPE in KNTA_LOOKUPS
VALIDATION_TYPE_CODE22	NULL	VARCHAR2(30)	Refers to the VALIDATION_TYPE_CODE in KNTA_VALIDATIONS
LOOKUP_TYPE23	NULL	VARCHAR2(80)	Refers to the LOOKUP_TYPE in KNTA_LOOKUPS
VALIDATION_TYPE_CODE23	NULL	VARCHAR2(30)	Refers to the VALIDATION_TYPE_CODE in KNTA_VALIDATIONS
LOOKUP_TYPE24	NULL	VARCHAR2(80)	Refers to the LOOKUP_TYPE in KNTA_LOOKUPS

Column Name	Null?	Data Type	Description
VALIDATION_TYPE_CODE24	NULL	VARCHAR2(30)	Refers to the VALIDATION_TYPE_CODE in KNTA_VALIDATIONS
LOOKUP_TYPE25	NULL	VARCHAR2(80)	Refers to the LOOKUP_TYPE in KNTA_LOOKUPS
VALIDATION_TYPE_CODE25	NULL	VARCHAR2(30)	Refers to the VALIDATION_TYPE_CODE in KNTA_VALIDATIONS
LOOKUP_TYPE26	NULL	VARCHAR2(80)	Refers to the LOOKUP_TYPE in KNTA_LOOKUPS
VALIDATION_TYPE_CODE26	NULL	VARCHAR2(30)	Refers to the VALIDATION_TYPE_CODE in KNTA_VALIDATIONS
LOOKUP_TYPE27	NULL	VARCHAR2(80)	Refers to the LOOKUP_TYPE in KNTA_LOOKUPS
VALIDATION_TYPE_CODE27	NULL	VARCHAR2(30)	Refers to the VALIDATION_TYPE_CODE in KNTA_VALIDATIONS
LOOKUP_TYPE28	NULL	VARCHAR2(80)	Refers to the LOOKUP_TYPE in KNTA_LOOKUPS
VALIDATION_TYPE_CODE28	NULL	VARCHAR2(30)	Refers to the VALIDATION_TYPE_CODE in KNTA_VALIDATIONS
LOOKUP_TYPE29	NULL	VARCHAR2(80)	Refers to the LOOKUP_TYPE in KNTA_LOOKUPS
VALIDATION_TYPE_CODE29	NULL	VARCHAR2(30)	Refers to the VALIDATION_TYPE_CODE in KNTA_VALIDATIONS
LOOKUP_TYPE30	NULL	VARCHAR2(80)	Refers to the LOOKUP_TYPE in KNTA_LOOKUPS
VALIDATION_TYPE_CODE30	NULL	VARCHAR2(30)	Refers to the VALIDATION_TYPE_CODE in KNTA_VALIDATIONS
LOOKUP_TYPE31	NULL	VARCHAR2(80)	Refers to the LOOKUP_TYPE in KNTA_LOOKUPS
VALIDATION_TYPE_CODE31	NULL	VARCHAR2(30)	Refers to the VALIDATION_TYPE_CODE in KNTA_VALIDATIONS
LOOKUP_TYPE32	NULL	VARCHAR2(80)	Refers to the LOOKUP_TYPE in KNTA_LOOKUPS
VALIDATION_TYPE_CODE32	NULL	VARCHAR2(30)	Refers to the VALIDATION_TYPE_CODE in KNTA_VALIDATIONS
LOOKUP_TYPE33	NULL	VARCHAR2(80)	Refers to the LOOKUP_TYPE in KNTA_LOOKUPS
VALIDATION_TYPE_CODE33	NULL	VARCHAR2(30)	Refers to the VALIDATION_TYPE_CODE in KNTA_VALIDATIONS
LOOKUP_TYPE34	NULL	VARCHAR2(80)	Refers to the LOOKUP_TYPE in KNTA_LOOKUPS
VALIDATION_TYPE_CODE34	NULL	VARCHAR2(30)	Refers to the VALIDATION_TYPE_CODE in KNTA_VALIDATIONS
LOOKUP_TYPE35	NULL	VARCHAR2(80)	Refers to the LOOKUP_TYPE in KNTA_LOOKUPS
VALIDATION_TYPE_CODE35	NULL	VARCHAR2(30)	Refers to the VALIDATION_TYPE_CODE in KNTA_VALIDATIONS
LOOKUP_TYPE36	NULL	VARCHAR2(80)	Refers to the LOOKUP_TYPE in KNTA_LOOKUPS
VALIDATION_TYPE_CODE36	NULL	VARCHAR2(30)	Refers to the VALIDATION_TYPE_CODE in KNTA_VALIDATIONS
LOOKUP_TYPE37	NULL	VARCHAR2(80)	Refers to the LOOKUP_TYPE in KNTA_LOOKUPS
VALIDATION_TYPE_CODE37	NULL	VARCHAR2(30)	Refers to the VALIDATION_TYPE_CODE in KNTA_VALIDATIONS
LOOKUP_TYPE38	NULL	VARCHAR2(80)	Refers to the LOOKUP_TYPE in KNTA_LOOKUPS
VALIDATION_TYPE_CODE38	NULL	VARCHAR2(30)	Refers to the VALIDATION_TYPE_CODE in KNTA_VALIDATIONS
LOOKUP_TYPE39	NULL	VARCHAR2(80)	Refers to the LOOKUP_TYPE in KNTA_LOOKUPS
VALIDATION_TYPE_CODE39	NULL	VARCHAR2(30)	Refers to the VALIDATION_TYPE_CODE in KNTA_VALIDATIONS
LOOKUP_TYPE40	NULL	VARCHAR2(80)	Refers to the LOOKUP_TYPE in KNTA_LOOKUPS
VALIDATION_TYPE_CODE40	NULL	VARCHAR2(30)	Refers to the VALIDATION_TYPE_CODE in KNTA_VALIDATIONS

Column Name	Null?	Data Type	Description
LOOKUP_TYPE41	NULL	VARCHAR2(80)	Refers to the LOOKUP_TYPE in KNTA_LOOKUPS
VALIDATION_TYPE_CODE41	NULL	VARCHAR2(30)	Refers to the VALIDATION_TYPE_CODE in KNTA_VALIDATIONS
LOOKUP_TYPE42	NULL	VARCHAR2(80)	Refers to the LOOKUP_TYPE in KNTA_LOOKUPS
VALIDATION_TYPE_CODE42	NULL	VARCHAR2(30)	Refers to the VALIDATION_TYPE_CODE in KNTA_VALIDATIONS
LOOKUP_TYPE43	NULL	VARCHAR2(80)	Refers to the LOOKUP_TYPE in KNTA_LOOKUPS
VALIDATION_TYPE_CODE43	NULL	VARCHAR2(30)	Refers to the VALIDATION_TYPE_CODE in KNTA_VALIDATIONS
LOOKUP_TYPE44	NULL	VARCHAR2(80)	Refers to the LOOKUP_TYPE in KNTA_LOOKUPS
VALIDATION_TYPE_CODE44	NULL	VARCHAR2(30)	Refers to the VALIDATION_TYPE_CODE in KNTA_VALIDATIONS
LOOKUP_TYPE45	NULL	VARCHAR2(80)	Refers to the LOOKUP_TYPE in KNTA_LOOKUPS
VALIDATION_TYPE_CODE45	NULL	VARCHAR2(30)	Refers to the VALIDATION_TYPE_CODE in KNTA_VALIDATIONS
LOOKUP_TYPE46	NULL	VARCHAR2(80)	Refers to the LOOKUP_TYPE in KNTA_LOOKUPS
VALIDATION_TYPE_CODE46	NULL	VARCHAR2(30)	Refers to the VALIDATION_TYPE_CODE in KNTA_VALIDATIONS
LOOKUP_TYPE47	NULL	VARCHAR2(80)	Refers to the LOOKUP_TYPE in KNTA_LOOKUPS
VALIDATION_TYPE_CODE47	NULL	VARCHAR2(30)	Refers to the VALIDATION_TYPE_CODE in KNTA_VALIDATIONS
LOOKUP_TYPE48	NULL	VARCHAR2(80)	Refers to the LOOKUP_TYPE in KNTA_LOOKUPS
VALIDATION_TYPE_CODE48	NULL	VARCHAR2(30)	Refers to the VALIDATION_TYPE_CODE in KNTA_VALIDATIONS
LOOKUP_TYPE49	NULL	VARCHAR2(80)	Refers to the LOOKUP_TYPE in KNTA_LOOKUPS
VALIDATION_TYPE_CODE49	NULL	VARCHAR2(30)	Refers to the VALIDATION_TYPE_CODE in KNTA_VALIDATIONS
LOOKUP_TYPE50	NULL	VARCHAR2(80)	Refers to the LOOKUP_TYPE in KNTA_LOOKUPS
VALIDATION_TYPE_CODE50	NULL	VARCHAR2(30)	Refers to the VALIDATION_TYPE_CODE in KNTA_VALIDATIONS

#### Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_REQUEST_DETAILS_INT_N1	NOT UNIQUE	1	GROUP_ID
KCRT_REQUEST_DETAILS_INT_N1	NOT UNIQUE	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_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
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(80)	User defined name for the Request Header Type.
DESCRIPTION	NULL	VARCHAR2(240)	Descriptive info for the Request Header Type Name
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Is the Request Header Type enabled when creating new request types? (Does not effect already created request types).
ACCELERATOR_ID	NULL	NUMBER	Accelerator identifier associated with this Request Header Type
USER_DATA_SET_CONTEXT_ID	NULL	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA1	NULL	VARCHAR2(200)	User data segment
USER_DATA2	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA2	NULL	VARCHAR2(200)	User data segment
USER_DATA3	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA3	NULL	VARCHAR2(200)	User data segment
USER_DATA4	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA4	NULL	VARCHAR2(200)	User data segment
USER_DATA5	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA5	NULL	VARCHAR2(200)	User data segment
USER_DATA6	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA6	NULL	VARCHAR2(200)	User data segment
USER_DATA7	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA7	NULL	VARCHAR2(200)	User data segment
USER_DATA8	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA8	NULL	VARCHAR2(200)	User data segment
USER_DATA9	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA9	NULL	VARCHAR2(200)	User data segment
USER_DATA10	NULL	VARCHAR2(200)	User data segment

Column Name	Null?	Data Type	Description
VISIBLE_USER_DATA10	NULL	VARCHAR2(200)	User data segment
USER_DATA11	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA11	NULL	VARCHAR2(200)	User data segment
USER_DATA12	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA12	NULL	VARCHAR2(200)	User data segment
USER_DATA13	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA13	NULL	VARCHAR2(200)	User data segment
USER_DATA14	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA14	NULL	VARCHAR2(200)	User data segment
USER_DATA15	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA15	NULL	VARCHAR2(200)	User data segment
USER_DATA16	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA16	NULL	VARCHAR2(200)	User data segment
USER_DATA17	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA17	NULL	VARCHAR2(200)	User data segment
USER_DATA18	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA18	NULL	VARCHAR2(200)	User data segment
USER_DATA19	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA19	NULL	VARCHAR2(200)	User data segment
USER_DATA20	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA20	NULL	VARCHAR2(200)	User data segment
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.

*Indexes*

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

*Sequences*

Sequence Name	Column Name
KCRT_REQUEST_HEADER_TYPES_S	REQUEST_HEADER_TYPE_ID

## 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	Column Name
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(80)	The name of RequestSubType
DESCRIPTION	NULL	VARCHAR2(240)	The description of the RequestSubType
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Indicates where the RequestSubType is currently active or disabled
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.

### Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_REQUEST_SUB_TYPES_N1	NOT UNIQUE	1	REQUEST_TYPE_ID
KCRT_REQUEST_SUB_TYPES_U1	UNIQUE	1	REQUEST_SUB_TYPE_ID

### Sequences

Sequence Name	Column Name
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
KACC_ACCELERATORS	ACCELERATOR_ID	ACCELERATOR_ID
KCRT_REQUEST_HEADER_TYPES	REQUEST_HEADER_TYPE_ID	REQUEST_HEADER_TYPE_ID
KCRT_STATUSES	STATUS_ID	INIT_STATUS_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
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
REQUEST_TYPE_NAME	NOT NULL	VARCHAR2(80)	User defined name for the request type
CREATION_ACTION_NAME	NULL	VARCHAR2(80)	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	NULL	NUMBER	Identified for the Accelerator associated with this request type
CATEGORY_CODE	NULL	VARCHAR2(30)	This category is used to organize requests on the Create Request screen
DESCRIPTION	NULL	VARCHAR2(240)	Descriptive info for the request_type_name
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Is the request type enabled when creating new requests? (Does not effect existing requests.)
WORKBENCH_ONLY_FLAG	NOT NULL	VARCHAR2(1)	'Y' if this profile is only used by fields on the Workbenches.
MAX_PARAMETER_FIELDS_CODE	NULL	VARCHAR2(30)	Holds the value for the maximum number of custom fields allowed.
MAX_BATCH_NUMBER_USED	NULL	NUMBER	Holds the value for the number of custom fields being used.
INCLUDE_ALL_WORKFLOWS_FLAG	NOT NULL	VARCHAR2(1)	'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

Column Name	Null?	Data Type	Description
			assigned.
USER_DATA_SET_CONTEXT_ID	NULL	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA1	NULL	VARCHAR2(200)	User data segment
USER_DATA2	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA2	NULL	VARCHAR2(200)	User data segment
USER_DATA3	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA3	NULL	VARCHAR2(200)	User data segment
USER_DATA4	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA4	NULL	VARCHAR2(200)	User data segment
USER_DATA5	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA5	NULL	VARCHAR2(200)	User data segment
USER_DATA6	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA6	NULL	VARCHAR2(200)	User data segment
USER_DATA7	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA7	NULL	VARCHAR2(200)	User data segment
USER_DATA8	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA8	NULL	VARCHAR2(200)	User data segment
USER_DATA9	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA9	NULL	VARCHAR2(200)	User data segment
USER_DATA10	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA10	NULL	VARCHAR2(200)	User data segment
USER_DATA11	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA11	NULL	VARCHAR2(200)	User data segment
USER_DATA12	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA12	NULL	VARCHAR2(200)	User data segment
USER_DATA13	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA13	NULL	VARCHAR2(200)	User data segment
USER_DATA14	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA14	NULL	VARCHAR2(200)	User data segment
USER_DATA15	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA15	NULL	VARCHAR2(200)	User data segment
USER_DATA16	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA16	NULL	VARCHAR2(200)	User data segment
USER_DATA17	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA17	NULL	VARCHAR2(200)	User data segment
USER_DATA18	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA18	NULL	VARCHAR2(200)	User data segment
USER_DATA19	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA19	NULL	VARCHAR2(200)	User data segment
USER_DATA20	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA20	NULL	VARCHAR2(200)	User data segment
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.
MDL_VIEW_NAME_ROOT	NULL	VARCHAR2(20)	Defines the root part of an MDL view name for this request type.

Column Name	Null?	Data Type	Description
SHOW_FIELD_HELP_FLAG	NOT NULL	VARCHAR2(1)	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.

*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	Column Name
KCRT_REQUEST_TYPES_S	REQUEST_TYPE_ID

## KCRT\_REQUEST\_TYPE\_SECURITY

Enter a description for KCRT\_REQUEST\_TYPE\_SECURITY here, and verify the Temp Table Flag is correct.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_REQUEST_TYPES	REQUEST_TYPE_ID	REQUEST_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
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	
CAN_VIEW_CODE	NOT NULL	VARCHAR2 (30)	
CAN_EDIT_CODE	NOT NULL	VARCHAR2 (30)	
CAN_CANCEL_CODE	NOT NULL	VARCHAR2 (30)	
CAN_CREATE_CODE	NOT NULL	VARCHAR2 (30)	
CAN_DELETE_CODE	NOT NULL	VARCHAR2 (30)	
SECURITY_TYPE_CODE	NULL	VARCHAR2 (80)	
SECURITY_GROUP_ID	NULL	NUMBER	
USER_ID	NULL	NUMBER	
TOKEN	NULL	VARCHAR2 (200)	
ROW_TYPE_CODE	NOT NULL	VARCHAR2 (30)	
SOURCE_TYPE_CODE	NULL	VARCHAR2 (30)	
SOURCE	NULL	VARCHAR2 (100)	

### Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_REQUEST_TYPE_SECURITY_N1	NOT UNIQUE	1	REQUEST_TYPE_ID
KCRT_REQUEST_TYPE_SECURITY_U1	UNIQUE	1	REQUEST_TYPE_SECURITY_ID

### Sequences

Sequence Name	Column Name
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.
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.

### Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_REQUEST_TYPE_STATUSES_N1	NOT UNIQUE	1	REQUEST_TYPE_ID
KCRT_REQUEST_TYPE_STATUSES_N1	NOT UNIQUE	2	STATUS_ID
KCRT_REQUEST_TYPE_STATUSES_N2	NOT UNIQUE	1	STATUS_ID
KCRT_REQUEST_TYPE_STATUSES_N2	NOT UNIQUE	2	REQUEST_TYPE_ID
KCRT_REQUEST_TYPE_STATUSES_U1	UNIQUE	1	REQUEST_TYPE_STATUS_ID

### Sequences

Sequence Name	Column Name
KCRT_REQUEST_TYPE_STATUSES_S	REQUEST_TYPE_STATUS_ID

## KCRT\_REQ\_HEADER\_DETAILS

This table stores information about Request Header Details for Kintana Create.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_FG_DEMAND_SCHEDULE	REQUEST_ID	REQUEST_ID
KCRT_FG_MASTER_PROJ_REF	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_PROG_RISK	REQUEST_ID	REQUEST_ID
KCRT_FG_PROG_SCOPE_CHANGE	REQUEST_ID	REQUEST_ID
KCRT_FG_SLA	REQUEST_ID	REQUEST_ID
KCRT_FG_WORK_ITEMS	REQUEST_ID	REQUEST_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
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
BATCH_NUMBER	NOT NULL	NUMBER	Data batch number associated with the request
PARAMETER1	NULL	VARCHAR2(200)	User data segment
VISIBLE_PARAMETER1	NULL	VARCHAR2(200)	User data segment
PARAMETER2	NULL	VARCHAR2(200)	User data segment
VISIBLE_PARAMETER2	NULL	VARCHAR2(200)	User data segment
PARAMETER3	NULL	VARCHAR2(200)	User data segment
VISIBLE_PARAMETER3	NULL	VARCHAR2(200)	User data segment
PARAMETER4	NULL	VARCHAR2(200)	User data segment
VISIBLE_PARAMETER4	NULL	VARCHAR2(200)	User data segment
PARAMETER5	NULL	VARCHAR2(200)	User data segment
VISIBLE_PARAMETER5	NULL	VARCHAR2(200)	User data segment
PARAMETER6	NULL	VARCHAR2(200)	User data segment
VISIBLE_PARAMETER6	NULL	VARCHAR2(200)	User data segment
PARAMETER7	NULL	VARCHAR2(200)	User data segment
VISIBLE_PARAMETER7	NULL	VARCHAR2(200)	User data segment
PARAMETER8	NULL	VARCHAR2(200)	User data segment
VISIBLE_PARAMETER8	NULL	VARCHAR2(200)	User data segment
PARAMETER9	NULL	VARCHAR2(200)	User data segment

Column Name	Null?	Data Type	Description
VISIBLE_PARAMETER9	NULL	VARCHAR2 (200)	User data segment
PARAMETER10	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER10	NULL	VARCHAR2 (200)	User data segment
PARAMETER11	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER11	NULL	VARCHAR2 (200)	User data segment
PARAMETER12	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER12	NULL	VARCHAR2 (200)	User data segment
PARAMETER13	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER13	NULL	VARCHAR2 (200)	User data segment
PARAMETER14	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER14	NULL	VARCHAR2 (200)	User data segment
PARAMETER15	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER15	NULL	VARCHAR2 (200)	User data segment
PARAMETER16	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER16	NULL	VARCHAR2 (200)	User data segment
PARAMETER17	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER17	NULL	VARCHAR2 (200)	User data segment
PARAMETER18	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER18	NULL	VARCHAR2 (200)	User data segment
PARAMETER19	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER19	NULL	VARCHAR2 (200)	User data segment
PARAMETER20	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER20	NULL	VARCHAR2 (200)	User data segment
PARAMETER21	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER21	NULL	VARCHAR2 (200)	User data segment
PARAMETER22	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER22	NULL	VARCHAR2 (200)	User data segment
PARAMETER23	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER23	NULL	VARCHAR2 (200)	User data segment
PARAMETER24	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER24	NULL	VARCHAR2 (200)	User data segment
PARAMETER25	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER25	NULL	VARCHAR2 (200)	User data segment
PARAMETER26	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER26	NULL	VARCHAR2 (200)	User data segment
PARAMETER27	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER27	NULL	VARCHAR2 (200)	User data segment
PARAMETER28	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER28	NULL	VARCHAR2 (200)	User data segment
PARAMETER29	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER29	NULL	VARCHAR2 (200)	User data segment
PARAMETER30	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER30	NULL	VARCHAR2 (200)	User data segment
PARAMETER31	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER31	NULL	VARCHAR2 (200)	User data segment
PARAMETER32	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER32	NULL	VARCHAR2 (200)	User data segment
PARAMETER33	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER33	NULL	VARCHAR2 (200)	User data segment
PARAMETER34	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER34	NULL	VARCHAR2 (200)	User data segment
PARAMETER35	NULL	VARCHAR2 (200)	User data segment



Column Name	Null?	Data Type	Description
VISIBLE_PARAMETER35	NULL	VARCHAR2 (200)	User data segment
PARAMETER36	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER36	NULL	VARCHAR2 (200)	User data segment
PARAMETER37	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER37	NULL	VARCHAR2 (200)	User data segment
PARAMETER38	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER38	NULL	VARCHAR2 (200)	User data segment
PARAMETER39	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER39	NULL	VARCHAR2 (200)	User data segment
PARAMETER40	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER40	NULL	VARCHAR2 (200)	User data segment
PARAMETER41	NULL	VARCHAR2 (1800)	User data segment
VISIBLE_PARAMETER41	NULL	VARCHAR2 (1800)	User data segment
PARAMETER42	NULL	VARCHAR2 (1800)	User data segment
VISIBLE_PARAMETER42	NULL	VARCHAR2 (1800)	User data segment
PARAMETER43	NULL	VARCHAR2 (1800)	User data segment
VISIBLE_PARAMETER43	NULL	VARCHAR2 (1800)	User data segment
PARAMETER44	NULL	VARCHAR2 (1800)	User data segment
VISIBLE_PARAMETER44	NULL	VARCHAR2 (1800)	User data segment
PARAMETER45	NULL	VARCHAR2 (1800)	User data segment
VISIBLE_PARAMETER45	NULL	VARCHAR2 (1800)	User data segment
PARAMETER46	NULL	VARCHAR2 (1800)	User data segment
VISIBLE_PARAMETER46	NULL	VARCHAR2 (1800)	User data segment
PARAMETER47	NULL	VARCHAR2 (1800)	User data segment
VISIBLE_PARAMETER47	NULL	VARCHAR2 (1800)	User data segment
PARAMETER48	NULL	VARCHAR2 (1800)	User data segment
VISIBLE_PARAMETER48	NULL	VARCHAR2 (1800)	User data segment
PARAMETER49	NULL	VARCHAR2 (1800)	User data segment
VISIBLE_PARAMETER49	NULL	VARCHAR2 (1800)	User data segment
PARAMETER50	NULL	VARCHAR2 (1800)	User data segment
VISIBLE_PARAMETER50	NULL	VARCHAR2 (1800)	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	Column Name
KCRT_REQ_HEADER_DETAILS_S	REQ_HEADER_DETAIL_ID

## KCRT\_REQ\_HEADER\_DETAILS\_ARCH

This table stores information about Archived Request Header Details for Kintana Create.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_FG_DEMAND_SCHEDULE	REQUEST_ID	REQUEST_ID
KCRT_FG_MASTER_PROJ_REF	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_PROG_RISK	REQUEST_ID	REQUEST_ID
KCRT_FG_PROG_SCOPE_CHANGE	REQUEST_ID	REQUEST_ID
KCRT_FG_SLA	REQUEST_ID	REQUEST_ID
KCRT_FG_WORK_ITEMS	REQUEST_ID	REQUEST_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
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

### 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
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	NULL	VARCHAR2(200)	User data segment
VISIBLE_PARAMETER1	NULL	VARCHAR2(200)	User data segment
PARAMETER2	NULL	VARCHAR2(200)	User data segment
VISIBLE_PARAMETER2	NULL	VARCHAR2(200)	User data segment
PARAMETER3	NULL	VARCHAR2(200)	User data segment
VISIBLE_PARAMETER3	NULL	VARCHAR2(200)	User data segment
PARAMETER4	NULL	VARCHAR2(200)	User data segment
VISIBLE_PARAMETER4	NULL	VARCHAR2(200)	User data segment
PARAMETER5	NULL	VARCHAR2(200)	User data segment
VISIBLE_PARAMETERS5	NULL	VARCHAR2(200)	User data segment

Column Name	Null?	Data Type	Description
PARAMETER6	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER6	NULL	VARCHAR2 (200)	User data segment
PARAMETER7	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER7	NULL	VARCHAR2 (200)	User data segment
PARAMETER8	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER8	NULL	VARCHAR2 (200)	User data segment
PARAMETER9	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER9	NULL	VARCHAR2 (200)	User data segment
PARAMETER10	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER10	NULL	VARCHAR2 (200)	User data segment
PARAMETER11	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER11	NULL	VARCHAR2 (200)	User data segment
PARAMETER12	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER12	NULL	VARCHAR2 (200)	User data segment
PARAMETER13	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER13	NULL	VARCHAR2 (200)	User data segment
PARAMETER14	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER14	NULL	VARCHAR2 (200)	User data segment
PARAMETER15	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER15	NULL	VARCHAR2 (200)	User data segment
PARAMETER16	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER16	NULL	VARCHAR2 (200)	User data segment
PARAMETER17	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER17	NULL	VARCHAR2 (200)	User data segment
PARAMETER18	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER18	NULL	VARCHAR2 (200)	User data segment
PARAMETER19	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER19	NULL	VARCHAR2 (200)	User data segment
PARAMETER20	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER20	NULL	VARCHAR2 (200)	User data segment
PARAMETER21	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER21	NULL	VARCHAR2 (200)	User data segment
PARAMETER22	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER22	NULL	VARCHAR2 (200)	User data segment
PARAMETER23	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER23	NULL	VARCHAR2 (200)	User data segment
PARAMETER24	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER24	NULL	VARCHAR2 (200)	User data segment
PARAMETER25	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER25	NULL	VARCHAR2 (200)	User data segment
PARAMETER26	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER26	NULL	VARCHAR2 (200)	User data segment
PARAMETER27	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER27	NULL	VARCHAR2 (200)	User data segment
PARAMETER28	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER28	NULL	VARCHAR2 (200)	User data segment
PARAMETER29	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER29	NULL	VARCHAR2 (200)	User data segment
PARAMETER30	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER30	NULL	VARCHAR2 (200)	User data segment
PARAMETER31	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER31	NULL	VARCHAR2 (200)	User data segment

Column Name	Null?	Data Type	Description
PARAMETER32	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER32	NULL	VARCHAR2 (200)	User data segment
PARAMETER33	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER33	NULL	VARCHAR2 (200)	User data segment
PARAMETER34	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER34	NULL	VARCHAR2 (200)	User data segment
PARAMETER35	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER35	NULL	VARCHAR2 (200)	User data segment
PARAMETER36	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER36	NULL	VARCHAR2 (200)	User data segment
PARAMETER37	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER37	NULL	VARCHAR2 (200)	User data segment
PARAMETER38	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER38	NULL	VARCHAR2 (200)	User data segment
PARAMETER39	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER39	NULL	VARCHAR2 (200)	User data segment
PARAMETER40	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER40	NULL	VARCHAR2 (200)	User data segment
PARAMETER41	NULL	VARCHAR2 (1800)	User data segment
VISIBLE_PARAMETER41	NULL	VARCHAR2 (1800)	User data segment
PARAMETER42	NULL	VARCHAR2 (1800)	User data segment
VISIBLE_PARAMETER42	NULL	VARCHAR2 (1800)	User data segment
PARAMETER43	NULL	VARCHAR2 (1800)	User data segment
VISIBLE_PARAMETER43	NULL	VARCHAR2 (1800)	User data segment
PARAMETER44	NULL	VARCHAR2 (1800)	User data segment
VISIBLE_PARAMETER44	NULL	VARCHAR2 (1800)	User data segment
PARAMETER45	NULL	VARCHAR2 (1800)	User data segment
VISIBLE_PARAMETER45	NULL	VARCHAR2 (1800)	User data segment
PARAMETER46	NULL	VARCHAR2 (1800)	User data segment
VISIBLE_PARAMETER46	NULL	VARCHAR2 (1800)	User data segment
PARAMETER47	NULL	VARCHAR2 (1800)	User data segment
VISIBLE_PARAMETER47	NULL	VARCHAR2 (1800)	User data segment
PARAMETER48	NULL	VARCHAR2 (1800)	User data segment
VISIBLE_PARAMETER48	NULL	VARCHAR2 (1800)	User data segment
PARAMETER49	NULL	VARCHAR2 (1800)	User data segment
VISIBLE_PARAMETER49	NULL	VARCHAR2 (1800)	User data segment
PARAMETER50	NULL	VARCHAR2 (1800)	User data segment
VISIBLE_PARAMETER50	NULL	VARCHAR2 (1800)	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	Column Name
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 Kintana Create.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
<UNKNOWN>	<UNKNOWN>	PARENT_TRANSACTION_ID
KCRT_FG_DEMAND_SCHEDULE	REQUEST_ID	REQUEST_ID
KCRT_FG_MASTER_PROJ_REF	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_PROG_RISK	REQUEST_ID	REQUEST_ID
KCRT_FG_PROG_SCOPE_CHANGE	REQUEST_ID	REQUEST_ID
KCRT_FG_SLA	REQUEST_ID	REQUEST_ID
KCRT_FG_WORK_ITEMS	REQUEST_ID	REQUEST_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
KCRT_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID
KDRV_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID
KNTA_USERS_INT	TRANSACTION_ID	TRANSACTION_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

### 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	NULL	NUMBER	Unique identifier that identifies the request header details
REQUEST_ID	NULL	NUMBER	Unique identifier that identifies which request the header details belong to
REQUEST_TYPE_ID	NULL	NUMBER	Unique identifier that identifies the type of request this header details belongs to
BATCH_NUMBER	NULL	NUMBER	Data batch number associated with the request
PARAMETER1	NULL	VARCHAR2(200)	User data segment
VISIBLE_PARAMETER1	NULL	VARCHAR2(200)	User data segment
PARAMETER2	NULL	VARCHAR2(200)	User data segment
VISIBLE_PARAMETER2	NULL	VARCHAR2(200)	User data segment
PARAMETER3	NULL	VARCHAR2(200)	User data segment
VISIBLE_PARAMETER3	NULL	VARCHAR2(200)	User data segment
PARAMETER4	NULL	VARCHAR2(200)	User data segment
VISIBLE_PARAMETER4	NULL	VARCHAR2(200)	User data segment
PARAMETER5	NULL	VARCHAR2(200)	User data segment
VISIBLE_PARAMETER5	NULL	VARCHAR2(200)	User data segment
PARAMETER6	NULL	VARCHAR2(200)	User data segment

Column Name	Null?	Data Type	Description
VISIBLE_PARAMETER6	NULL	VARCHAR2 (200)	User data segment
PARAMETER7	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER7	NULL	VARCHAR2 (200)	User data segment
PARAMETER8	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER8	NULL	VARCHAR2 (200)	User data segment
PARAMETER9	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER9	NULL	VARCHAR2 (200)	User data segment
PARAMETER10	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER10	NULL	VARCHAR2 (200)	User data segment
PARAMETER11	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER11	NULL	VARCHAR2 (200)	User data segment
PARAMETER12	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER12	NULL	VARCHAR2 (200)	User data segment
PARAMETER13	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER13	NULL	VARCHAR2 (200)	User data segment
PARAMETER14	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER14	NULL	VARCHAR2 (200)	User data segment
PARAMETER15	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER15	NULL	VARCHAR2 (200)	User data segment
PARAMETER16	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER16	NULL	VARCHAR2 (200)	User data segment
PARAMETER17	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER17	NULL	VARCHAR2 (200)	User data segment
PARAMETER18	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER18	NULL	VARCHAR2 (200)	User data segment
PARAMETER19	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER19	NULL	VARCHAR2 (200)	User data segment
PARAMETER20	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER20	NULL	VARCHAR2 (200)	User data segment
PARAMETER21	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER21	NULL	VARCHAR2 (200)	User data segment
PARAMETER22	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER22	NULL	VARCHAR2 (200)	User data segment
PARAMETER23	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER23	NULL	VARCHAR2 (200)	User data segment
PARAMETER24	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER24	NULL	VARCHAR2 (200)	User data segment
PARAMETER25	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER25	NULL	VARCHAR2 (200)	User data segment
PARAMETER26	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER26	NULL	VARCHAR2 (200)	User data segment
PARAMETER27	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER27	NULL	VARCHAR2 (200)	User data segment
PARAMETER28	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER28	NULL	VARCHAR2 (200)	User data segment
PARAMETER29	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER29	NULL	VARCHAR2 (200)	User data segment
PARAMETER30	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER30	NULL	VARCHAR2 (200)	User data segment
PARAMETER31	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER31	NULL	VARCHAR2 (200)	User data segment
PARAMETER32	NULL	VARCHAR2 (200)	User data segment

Column Name	Null?	Data Type	Description
VISIBLE_PARAMETER32	NULL	VARCHAR2 (200)	User data segment
PARAMETER33	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER33	NULL	VARCHAR2 (200)	User data segment
PARAMETER34	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER34	NULL	VARCHAR2 (200)	User data segment
PARAMETER35	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER35	NULL	VARCHAR2 (200)	User data segment
PARAMETER36	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER36	NULL	VARCHAR2 (200)	User data segment
PARAMETER37	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER37	NULL	VARCHAR2 (200)	User data segment
PARAMETER38	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER38	NULL	VARCHAR2 (200)	User data segment
PARAMETER39	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER39	NULL	VARCHAR2 (200)	User data segment
PARAMETER40	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER40	NULL	VARCHAR2 (200)	User data segment
PARAMETER41	NULL	VARCHAR2 (1800)	User data segment
VISIBLE_PARAMETER41	NULL	VARCHAR2 (1800)	User data segment
PARAMETER42	NULL	VARCHAR2 (1800)	User data segment
VISIBLE_PARAMETER42	NULL	VARCHAR2 (1800)	User data segment
PARAMETER43	NULL	VARCHAR2 (1800)	User data segment
VISIBLE_PARAMETER43	NULL	VARCHAR2 (1800)	User data segment
PARAMETER44	NULL	VARCHAR2 (1800)	User data segment
VISIBLE_PARAMETER44	NULL	VARCHAR2 (1800)	User data segment
PARAMETER45	NULL	VARCHAR2 (1800)	User data segment
VISIBLE_PARAMETER45	NULL	VARCHAR2 (1800)	User data segment
PARAMETER46	NULL	VARCHAR2 (1800)	User data segment
VISIBLE_PARAMETER46	NULL	VARCHAR2 (1800)	User data segment
PARAMETER47	NULL	VARCHAR2 (1800)	User data segment
VISIBLE_PARAMETER47	NULL	VARCHAR2 (1800)	User data segment
PARAMETER48	NULL	VARCHAR2 (1800)	User data segment
VISIBLE_PARAMETER48	NULL	VARCHAR2 (1800)	User data segment
PARAMETER49	NULL	VARCHAR2 (1800)	User data segment
VISIBLE_PARAMETER49	NULL	VARCHAR2 (1800)	User data segment
PARAMETER50	NULL	VARCHAR2 (1800)	User data segment
VISIBLE_PARAMETER50	NULL	VARCHAR2 (1800)	User data segment
LOOKUP_TYPE1	NULL	VARCHAR2 (80)	User data segment
VALIDATION_TYPE_CODE1	NULL	VARCHAR2 (30)	User data segment
LOOKUP_TYPE2	NULL	VARCHAR2 (80)	User data segment
VALIDATION_TYPE_CODE2	NULL	VARCHAR2 (30)	User data segment
LOOKUP_TYPE3	NULL	VARCHAR2 (80)	User data segment
VALIDATION_TYPE_CODE3	NULL	VARCHAR2 (30)	User data segment
LOOKUP_TYPE4	NULL	VARCHAR2 (80)	User data segment
VALIDATION_TYPE_CODE4	NULL	VARCHAR2 (30)	User data segment
LOOKUP_TYPE5	NULL	VARCHAR2 (80)	User data segment
VALIDATION_TYPE_CODE5	NULL	VARCHAR2 (30)	User data segment
LOOKUP_TYPE6	NULL	VARCHAR2 (80)	User data segment
VALIDATION_TYPE_CODE6	NULL	VARCHAR2 (30)	User data segment
LOOKUP_TYPE7	NULL	VARCHAR2 (80)	User data segment
VALIDATION_TYPE_CODE7	NULL	VARCHAR2 (30)	User data segment
LOOKUP_TYPE8	NULL	VARCHAR2 (80)	User data segment

Column Name	Null?	Data Type	Description
VALIDATION_TYPE_CODE8	NULL	VARCHAR2 (30)	User data segment
LOOKUP_TYPE9	NULL	VARCHAR2 (80)	User data segment
VALIDATION_TYPE_CODE9	NULL	VARCHAR2 (30)	User data segment
LOOKUP_TYPE10	NULL	VARCHAR2 (80)	User data segment
VALIDATION_TYPE_CODE10	NULL	VARCHAR2 (30)	User data segment
LOOKUP_TYPE11	NULL	VARCHAR2 (80)	User data segment
VALIDATION_TYPE_CODE11	NULL	VARCHAR2 (30)	User data segment
LOOKUP_TYPE12	NULL	VARCHAR2 (80)	User data segment
VALIDATION_TYPE_CODE12	NULL	VARCHAR2 (30)	User data segment
LOOKUP_TYPE13	NULL	VARCHAR2 (80)	User data segment
VALIDATION_TYPE_CODE13	NULL	VARCHAR2 (30)	User data segment
LOOKUP_TYPE14	NULL	VARCHAR2 (80)	User data segment
VALIDATION_TYPE_CODE14	NULL	VARCHAR2 (30)	User data segment
LOOKUP_TYPE15	NULL	VARCHAR2 (80)	User data segment
VALIDATION_TYPE_CODE15	NULL	VARCHAR2 (30)	User data segment
LOOKUP_TYPE16	NULL	VARCHAR2 (80)	User data segment
VALIDATION_TYPE_CODE16	NULL	VARCHAR2 (30)	User data segment
LOOKUP_TYPE17	NULL	VARCHAR2 (80)	User data segment
VALIDATION_TYPE_CODE17	NULL	VARCHAR2 (30)	User data segment
LOOKUP_TYPE18	NULL	VARCHAR2 (80)	User data segment
VALIDATION_TYPE_CODE18	NULL	VARCHAR2 (30)	User data segment
LOOKUP_TYPE19	NULL	VARCHAR2 (80)	User data segment
VALIDATION_TYPE_CODE19	NULL	VARCHAR2 (30)	User data segment
LOOKUP_TYPE20	NULL	VARCHAR2 (80)	User data segment
VALIDATION_TYPE_CODE20	NULL	VARCHAR2 (30)	User data segment
LOOKUP_TYPE21	NULL	VARCHAR2 (80)	User data segment
VALIDATION_TYPE_CODE21	NULL	VARCHAR2 (30)	User data segment
LOOKUP_TYPE22	NULL	VARCHAR2 (80)	User data segment
VALIDATION_TYPE_CODE22	NULL	VARCHAR2 (30)	User data segment
LOOKUP_TYPE23	NULL	VARCHAR2 (80)	User data segment
VALIDATION_TYPE_CODE23	NULL	VARCHAR2 (30)	User data segment
LOOKUP_TYPE24	NULL	VARCHAR2 (80)	User data segment
VALIDATION_TYPE_CODE24	NULL	VARCHAR2 (30)	User data segment
LOOKUP_TYPE25	NULL	VARCHAR2 (80)	User data segment
VALIDATION_TYPE_CODE25	NULL	VARCHAR2 (30)	User data segment
LOOKUP_TYPE26	NULL	VARCHAR2 (80)	User data segment
VALIDATION_TYPE_CODE26	NULL	VARCHAR2 (30)	User data segment
LOOKUP_TYPE27	NULL	VARCHAR2 (80)	User data segment
VALIDATION_TYPE_CODE27	NULL	VARCHAR2 (30)	User data segment
LOOKUP_TYPE28	NULL	VARCHAR2 (80)	User data segment
VALIDATION_TYPE_CODE28	NULL	VARCHAR2 (30)	User data segment
LOOKUP_TYPE29	NULL	VARCHAR2 (80)	User data segment
VALIDATION_TYPE_CODE29	NULL	VARCHAR2 (30)	User data segment
LOOKUP_TYPE30	NULL	VARCHAR2 (80)	User data segment
VALIDATION_TYPE_CODE30	NULL	VARCHAR2 (30)	User data segment
LOOKUP_TYPE31	NULL	VARCHAR2 (80)	User data segment
VALIDATION_TYPE_CODE31	NULL	VARCHAR2 (30)	User data segment
LOOKUP_TYPE32	NULL	VARCHAR2 (80)	User data segment
VALIDATION_TYPE_CODE32	NULL	VARCHAR2 (30)	User data segment
LOOKUP_TYPE33	NULL	VARCHAR2 (80)	User data segment
VALIDATION_TYPE_CODE33	NULL	VARCHAR2 (30)	User data segment
LOOKUP_TYPE34	NULL	VARCHAR2 (80)	User data segment



Column Name	Null?	Data Type	Description
VALIDATION_TYPE_CODE34	NULL	VARCHAR2 (30)	User data segment
LOOKUP_TYPE35	NULL	VARCHAR2 (80)	User data segment
VALIDATION_TYPE_CODE35	NULL	VARCHAR2 (30)	User data segment
LOOKUP_TYPE36	NULL	VARCHAR2 (80)	User data segment
VALIDATION_TYPE_CODE36	NULL	VARCHAR2 (30)	User data segment
LOOKUP_TYPE37	NULL	VARCHAR2 (80)	User data segment
VALIDATION_TYPE_CODE37	NULL	VARCHAR2 (30)	User data segment
LOOKUP_TYPE38	NULL	VARCHAR2 (80)	User data segment
VALIDATION_TYPE_CODE38	NULL	VARCHAR2 (30)	User data segment
LOOKUP_TYPE39	NULL	VARCHAR2 (80)	User data segment
VALIDATION_TYPE_CODE39	NULL	VARCHAR2 (30)	User data segment
LOOKUP_TYPE40	NULL	VARCHAR2 (80)	User data segment
VALIDATION_TYPE_CODE40	NULL	VARCHAR2 (30)	User data segment
LOOKUP_TYPE41	NULL	VARCHAR2 (80)	User data segment
VALIDATION_TYPE_CODE41	NULL	VARCHAR2 (30)	User data segment
LOOKUP_TYPE42	NULL	VARCHAR2 (80)	User data segment
VALIDATION_TYPE_CODE42	NULL	VARCHAR2 (30)	User data segment
LOOKUP_TYPE43	NULL	VARCHAR2 (80)	User data segment
VALIDATION_TYPE_CODE43	NULL	VARCHAR2 (30)	User data segment
LOOKUP_TYPE44	NULL	VARCHAR2 (80)	User data segment
VALIDATION_TYPE_CODE44	NULL	VARCHAR2 (30)	User data segment
LOOKUP_TYPE45	NULL	VARCHAR2 (80)	User data segment
VALIDATION_TYPE_CODE45	NULL	VARCHAR2 (30)	User data segment
LOOKUP_TYPE46	NULL	VARCHAR2 (80)	User data segment
VALIDATION_TYPE_CODE46	NULL	VARCHAR2 (30)	User data segment
LOOKUP_TYPE47	NULL	VARCHAR2 (80)	User data segment
VALIDATION_TYPE_CODE47	NULL	VARCHAR2 (30)	User data segment
LOOKUP_TYPE48	NULL	VARCHAR2 (80)	User data segment
VALIDATION_TYPE_CODE48	NULL	VARCHAR2 (30)	User data segment
LOOKUP_TYPE49	NULL	VARCHAR2 (80)	User data segment
VALIDATION_TYPE_CODE49	NULL	VARCHAR2 (30)	User data segment
LOOKUP_TYPE50	NULL	VARCHAR2 (80)	User data segment
VALIDATION_TYPE_CODE50	NULL	VARCHAR2 (30)	User data segment

*Indexes*

This table does not have 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(80)	Descriptive name of the user defined status.
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	If enabled, the status will be available for all Issue Types.
AUTO_LINK_FLAG	NOT NULL	VARCHAR2(1)	If Auto link is enabled, the status is linked to all new issue types created.
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.
SYSTEM_STATUS_FLAG	NULL	VARCHAR2(1)	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	Column Name
KCRT_STATUSES_S	STATUS_ID

## KCRT\_TABLE\_ENTRIES

Each row represents a single row of data stored in a field with a Table Component Validation

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_FG_DEMAND_SCHEDULE	REQUEST_ID	REQUEST_ID
KCRT_FG_MASTER_PROJ_REF	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_PROG_RISK	REQUEST_ID	REQUEST_ID
KCRT_FG_PROG_SCOPE_CHANGE	REQUEST_ID	REQUEST_ID
KCRT_FG_SLA	REQUEST_ID	REQUEST_ID
KCRT_FG_WORK_ITEMS	REQUEST_ID	REQUEST_ID
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	PARAMETER_SET_CONTEXT_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
KRML_CONTEXT_UPDATES	PARAMETER_SET_CONTEXT_ID	PARAMETER_SET_CONTEXT_ID
KRML_CONTEXT_UPDATES_COPY	PARAMETER_SET_CONTEXT_ID	PARAMETER_SET_CONTEXT_ID
KRML_PARAMETER_SET_FLDS_COPY	PARAMETER_SET_FIELD_ID	PARAMETER_SET_FIELD_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
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	NULL	VARCHAR2(200)	Table Component detail parameter
PARAMETER1	NULL	VARCHAR2(200)	Table Component detail parameter
VISIBLE_PARAMETER2	NULL	VARCHAR2(200)	Table Component detail parameter
PARAMETER2	NULL	VARCHAR2(200)	Table Component detail parameter
VISIBLE_PARAMETER3	NULL	VARCHAR2(200)	Table Component detail parameter
PARAMETER3	NULL	VARCHAR2(200)	Table Component detail parameter



Column Name	Null?	Data Type	Description
VISIBLE_PARAMETER30	NULL	VARCHAR2(200)	Table Component detail parameter
PARAMETER30	NULL	VARCHAR2(200)	Table Component detail parameter
VISIBLE_PARAMETER31	NULL	VARCHAR2(200)	Table Component detail parameter
PARAMETER31	NULL	VARCHAR2(200)	Table Component detail parameter
VISIBLE_PARAMETER32	NULL	VARCHAR2(200)	Table Component detail parameter
PARAMETER32	NULL	VARCHAR2(200)	Table Component detail parameter
VISIBLE_PARAMETER33	NULL	VARCHAR2(200)	Table Component detail parameter
PARAMETER33	NULL	VARCHAR2(200)	Table Component detail parameter
VISIBLE_PARAMETER34	NULL	VARCHAR2(200)	Table Component detail parameter
PARAMETER34	NULL	VARCHAR2(200)	Table Component detail parameter
VISIBLE_PARAMETER35	NULL	VARCHAR2(200)	Table Component detail parameter
PARAMETER35	NULL	VARCHAR2(200)	Table Component detail parameter
VISIBLE_PARAMETER36	NULL	VARCHAR2(200)	Table Component detail parameter
PARAMETER36	NULL	VARCHAR2(200)	Table Component detail parameter
VISIBLE_PARAMETER37	NULL	VARCHAR2(200)	Table Component detail parameter
PARAMETER37	NULL	VARCHAR2(200)	Table Component detail parameter
VISIBLE_PARAMETER38	NULL	VARCHAR2(200)	Table Component detail parameter
PARAMETER38	NULL	VARCHAR2(200)	Table Component detail parameter
VISIBLE_PARAMETER39	NULL	VARCHAR2(200)	Table Component detail parameter
PARAMETER39	NULL	VARCHAR2(200)	Table Component detail parameter
VISIBLE_PARAMETER40	NULL	VARCHAR2(200)	Table Component detail parameter
PARAMETER40	NULL	VARCHAR2(200)	Table Component detail parameter
VISIBLE_PARAMETER41	NULL	VARCHAR2(2000)	Table Component detail parameter
PARAMETER41	NULL	VARCHAR2(2000)	Table Component detail parameter
VISIBLE_PARAMETER42	NULL	VARCHAR2(2000)	Table Component detail parameter
PARAMETER42	NULL	VARCHAR2(2000)	Table Component detail parameter
VISIBLE_PARAMETER43	NULL	VARCHAR2(2000)	Table Component detail parameter
PARAMETER43	NULL	VARCHAR2(2000)	Table Component detail parameter
VISIBLE_PARAMETER44	NULL	VARCHAR2(2000)	Table Component detail parameter
PARAMETER44	NULL	VARCHAR2(2000)	Table Component detail parameter
VISIBLE_PARAMETER45	NULL	VARCHAR2(2000)	Table Component detail parameter
PARAMETER45	NULL	VARCHAR2(2000)	Table Component detail parameter
VISIBLE_PARAMETER46	NULL	VARCHAR2(2000)	Table Component detail parameter
PARAMETER46	NULL	VARCHAR2(2000)	Table Component detail parameter
VISIBLE_PARAMETER47	NULL	VARCHAR2(2000)	Table Component detail parameter
PARAMETER47	NULL	VARCHAR2(2000)	Table Component detail parameter
VISIBLE_PARAMETER48	NULL	VARCHAR2(2000)	Table Component detail parameter
PARAMETER48	NULL	VARCHAR2(2000)	Table Component detail parameter
VISIBLE_PARAMETER49	NULL	VARCHAR2(2000)	Table Component detail parameter
PARAMETER49	NULL	VARCHAR2(2000)	Table Component detail parameter
VISIBLE_PARAMETER50	NULL	VARCHAR2(2000)	Table Component detail parameter
PARAMETER50	NULL	VARCHAR2(2000)	Table Component detail parameter

*Indexes*

Index Name	Index Type	Sequence	Column Name
KCRT_TABLE_ENTRIES_N1	NOT UNIQUE	1	REQUEST_ID
KCRT_TABLE_ENTRIES_N2	NOT UNIQUE	1	REQUEST_ID
KCRT_TABLE_ENTRIES_N2	NOT UNIQUE	2	PARAMETER_SET_FIELD_ID
KCRT_TABLE_ENTRIES_U1	UNIQUE	1	TABLE_ENTRY_ID

*Sequences*

Sequence Name

Column Name

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KCRT\_TABLE\_ENTRIES\_S

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TABLE\_ENTRY\_ID

## KCRT\_TABLE\_ENTRIES\_INT

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

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
<UNKNOWN>	<UNKNOWN>	PARENT_TRANSACTION_ID
KCRT_FG_DEMAND_SCHEDULE	REQUEST_ID	REQUEST_ID
KCRT_FG_MASTER_PROJ_REF	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_PROG_RISK	REQUEST_ID	REQUEST_ID
KCRT_FG_PROG_SCOPE_CHANGE	REQUEST_ID	REQUEST_ID
KCRT_FG_SLA	REQUEST_ID	REQUEST_ID
KCRT_FG_WORK_ITEMS	REQUEST_ID	REQUEST_ID
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_TABLE_ENTRIES	TABLE_ENTRY_ID	TABLE_ENTRY_ID
KCRT_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID
KDRV_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	PARAMETER_SET_CONTEXT_ID
KNTA_PARAMETER_SET_FIELDS	PARAMETER_SET_FIELD_ID	PARAMETER_SET_FIELD_ID
KNTA_USERS_INT	TRANSACTION_ID	TRANSACTION_ID
KNTA_USER_SECURITY_INT	TRANSACTION_ID	TRANSACTION_ID
KRML_CONTEXT_UPDATES	PARAMETER_SET_CONTEXT_ID	PARAMETER_SET_CONTEXT_ID
KRML_CONTEXT_UPDATES_COPY	PARAMETER_SET_CONTEXT_ID	PARAMETER_SET_CONTEXT_ID
KRML_PARAMETER_SET_FLDS_COPY	PARAMETER_SET_FIELD_ID	PARAMETER_SET_FIELD_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

### 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(30)	Foreign Key in KNTA_PARAMETER_SET_FIELDS of the PARAMETER_TOKEN of the Table Component field that holds this row of data.
TABLE_ENTRY_ID	NULL	NUMBER	Primary Key in KCRT_TABLE_ENTRIES_INT of this row of data.
REQUEST_ID	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	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	NULL	NUMBER	Primary Key in KNTA_PARAMETER_SET_CONTEXTS of the Table Component's column header definition set
VISIBLE_PARAMETER1 PARAMETER1	NULL	VARCHAR2(200)	Table Component detail parameter
VISIBLE_PARAMETER2 PARAMETER2	NULL	VARCHAR2(200)	Table Component detail parameter
VISIBLE_PARAMETER3 PARAMETER3	NULL	VARCHAR2(200)	Table Component detail parameter
VISIBLE_PARAMETER4 PARAMETER4	NULL	VARCHAR2(200)	Table Component detail parameter
VISIBLE_PARAMETER5 PARAMETER5	NULL	VARCHAR2(200)	Table Component detail parameter
VISIBLE_PARAMETER6 PARAMETER6	NULL	VARCHAR2(200)	Table Component detail parameter
VISIBLE_PARAMETER7 PARAMETER7	NULL	VARCHAR2(200)	Table Component detail parameter
VISIBLE_PARAMETER8 PARAMETER8	NULL	VARCHAR2(200)	Table Component detail parameter
VISIBLE_PARAMETER9 PARAMETER9	NULL	VARCHAR2(200)	Table Component detail parameter
VISIBLE_PARAMETER10 PARAMETER10	NULL	VARCHAR2(200)	Table Component detail parameter
VISIBLE_PARAMETER11 PARAMETER11	NULL	VARCHAR2(200)	Table Component detail parameter
VISIBLE_PARAMETER12 PARAMETER12	NULL	VARCHAR2(200)	Table Component detail parameter
VISIBLE_PARAMETER13 PARAMETER13	NULL	VARCHAR2(200)	Table Component detail parameter
VISIBLE_PARAMETER14 PARAMETER14	NULL	VARCHAR2(200)	Table Component detail parameter
VISIBLE_PARAMETER15 PARAMETER15	NULL	VARCHAR2(200)	Table Component detail parameter
VISIBLE_PARAMETER16 PARAMETER16	NULL	VARCHAR2(200)	Table Component detail parameter
VISIBLE_PARAMETER17 PARAMETER17	NULL	VARCHAR2(200)	Table Component detail parameter
VISIBLE_PARAMETER18 PARAMETER18	NULL	VARCHAR2(200)	Table Component detail parameter
VISIBLE_PARAMETER19 PARAMETER19	NULL	VARCHAR2(200)	Table Component detail parameter
VISIBLE_PARAMETER20 PARAMETER20	NULL	VARCHAR2(200)	Table Component detail parameter
VISIBLE_PARAMETER21 PARAMETER21	NULL	VARCHAR2(200)	Table Component detail parameter
VISIBLE_PARAMETER22 PARAMETER22	NULL	VARCHAR2(200)	Table Component detail parameter





Column Name	Null?	Data Type	Description
VISIBLE_PARAMETER49	NULL	VARCHAR2(2000)	Table Component detail parameter
PARAMETER49	NULL	VARCHAR2(2000)	Table Component detail parameter
VISIBLE_PARAMETER50	NULL	VARCHAR2(2000)	Table Component detail parameter
PARAMETER50	NULL	VARCHAR2(2000)	Table Component detail parameter
LOOKUP_TYPE1	NULL	VARCHAR2(80)	
LOOKUP_TYPE2	NULL	VARCHAR2(80)	
LOOKUP_TYPE3	NULL	VARCHAR2(80)	
LOOKUP_TYPE4	NULL	VARCHAR2(80)	
LOOKUP_TYPE5	NULL	VARCHAR2(80)	
LOOKUP_TYPE6	NULL	VARCHAR2(80)	
LOOKUP_TYPE7	NULL	VARCHAR2(80)	
LOOKUP_TYPE8	NULL	VARCHAR2(80)	
LOOKUP_TYPE9	NULL	VARCHAR2(80)	
LOOKUP_TYPE10	NULL	VARCHAR2(80)	
LOOKUP_TYPE11	NULL	VARCHAR2(80)	
LOOKUP_TYPE12	NULL	VARCHAR2(80)	
LOOKUP_TYPE13	NULL	VARCHAR2(80)	
LOOKUP_TYPE14	NULL	VARCHAR2(80)	
LOOKUP_TYPE15	NULL	VARCHAR2(80)	
LOOKUP_TYPE16	NULL	VARCHAR2(80)	
LOOKUP_TYPE17	NULL	VARCHAR2(80)	
LOOKUP_TYPE18	NULL	VARCHAR2(80)	
LOOKUP_TYPE19	NULL	VARCHAR2(80)	
LOOKUP_TYPE20	NULL	VARCHAR2(80)	
LOOKUP_TYPE21	NULL	VARCHAR2(80)	
LOOKUP_TYPE22	NULL	VARCHAR2(80)	
LOOKUP_TYPE23	NULL	VARCHAR2(80)	
LOOKUP_TYPE24	NULL	VARCHAR2(80)	
LOOKUP_TYPE25	NULL	VARCHAR2(80)	
LOOKUP_TYPE26	NULL	VARCHAR2(80)	
LOOKUP_TYPE27	NULL	VARCHAR2(80)	
LOOKUP_TYPE28	NULL	VARCHAR2(80)	
LOOKUP_TYPE29	NULL	VARCHAR2(80)	
LOOKUP_TYPE30	NULL	VARCHAR2(80)	
LOOKUP_TYPE31	NULL	VARCHAR2(80)	
LOOKUP_TYPE32	NULL	VARCHAR2(80)	
LOOKUP_TYPE33	NULL	VARCHAR2(80)	
LOOKUP_TYPE34	NULL	VARCHAR2(80)	
LOOKUP_TYPE35	NULL	VARCHAR2(80)	
LOOKUP_TYPE36	NULL	VARCHAR2(80)	
LOOKUP_TYPE37	NULL	VARCHAR2(80)	
LOOKUP_TYPE38	NULL	VARCHAR2(80)	
LOOKUP_TYPE39	NULL	VARCHAR2(80)	
LOOKUP_TYPE40	NULL	VARCHAR2(80)	
LOOKUP_TYPE41	NULL	VARCHAR2(80)	
LOOKUP_TYPE42	NULL	VARCHAR2(80)	
LOOKUP_TYPE43	NULL	VARCHAR2(80)	
LOOKUP_TYPE44	NULL	VARCHAR2(80)	
LOOKUP_TYPE45	NULL	VARCHAR2(80)	
LOOKUP_TYPE46	NULL	VARCHAR2(80)	
LOOKUP_TYPE47	NULL	VARCHAR2(80)	
LOOKUP_TYPE48	NULL	VARCHAR2(80)	

Column Name	Null?	Data Type	Description
LOOKUP_TYPE49	NULL	VARCHAR2 (80)	
LOOKUP_TYPE50	NULL	VARCHAR2 (80)	
VALIDATION_TYPE_CODE1	NULL	VARCHAR2 (30)	
VALIDATION_TYPE_CODE2	NULL	VARCHAR2 (30)	
VALIDATION_TYPE_CODE3	NULL	VARCHAR2 (30)	
VALIDATION_TYPE_CODE4	NULL	VARCHAR2 (30)	
VALIDATION_TYPE_CODE5	NULL	VARCHAR2 (30)	
VALIDATION_TYPE_CODE6	NULL	VARCHAR2 (30)	
VALIDATION_TYPE_CODE7	NULL	VARCHAR2 (30)	
VALIDATION_TYPE_CODE8	NULL	VARCHAR2 (30)	
VALIDATION_TYPE_CODE9	NULL	VARCHAR2 (30)	
VALIDATION_TYPE_CODE10	NULL	VARCHAR2 (30)	
VALIDATION_TYPE_CODE11	NULL	VARCHAR2 (30)	
VALIDATION_TYPE_CODE12	NULL	VARCHAR2 (30)	
VALIDATION_TYPE_CODE13	NULL	VARCHAR2 (30)	
VALIDATION_TYPE_CODE14	NULL	VARCHAR2 (30)	
VALIDATION_TYPE_CODE15	NULL	VARCHAR2 (30)	
VALIDATION_TYPE_CODE16	NULL	VARCHAR2 (30)	
VALIDATION_TYPE_CODE17	NULL	VARCHAR2 (30)	
VALIDATION_TYPE_CODE18	NULL	VARCHAR2 (30)	
VALIDATION_TYPE_CODE19	NULL	VARCHAR2 (30)	
VALIDATION_TYPE_CODE20	NULL	VARCHAR2 (30)	
VALIDATION_TYPE_CODE21	NULL	VARCHAR2 (30)	
VALIDATION_TYPE_CODE22	NULL	VARCHAR2 (30)	
VALIDATION_TYPE_CODE23	NULL	VARCHAR2 (30)	
VALIDATION_TYPE_CODE24	NULL	VARCHAR2 (30)	
VALIDATION_TYPE_CODE25	NULL	VARCHAR2 (30)	
VALIDATION_TYPE_CODE26	NULL	VARCHAR2 (30)	
VALIDATION_TYPE_CODE27	NULL	VARCHAR2 (30)	
VALIDATION_TYPE_CODE28	NULL	VARCHAR2 (30)	
VALIDATION_TYPE_CODE29	NULL	VARCHAR2 (30)	
VALIDATION_TYPE_CODE30	NULL	VARCHAR2 (30)	
VALIDATION_TYPE_CODE31	NULL	VARCHAR2 (30)	
VALIDATION_TYPE_CODE32	NULL	VARCHAR2 (30)	
VALIDATION_TYPE_CODE33	NULL	VARCHAR2 (30)	
VALIDATION_TYPE_CODE34	NULL	VARCHAR2 (30)	
VALIDATION_TYPE_CODE35	NULL	VARCHAR2 (30)	
VALIDATION_TYPE_CODE36	NULL	VARCHAR2 (30)	
VALIDATION_TYPE_CODE37	NULL	VARCHAR2 (30)	
VALIDATION_TYPE_CODE38	NULL	VARCHAR2 (30)	
VALIDATION_TYPE_CODE39	NULL	VARCHAR2 (30)	
VALIDATION_TYPE_CODE40	NULL	VARCHAR2 (30)	
VALIDATION_TYPE_CODE41	NULL	VARCHAR2 (30)	
VALIDATION_TYPE_CODE42	NULL	VARCHAR2 (30)	
VALIDATION_TYPE_CODE43	NULL	VARCHAR2 (30)	
VALIDATION_TYPE_CODE44	NULL	VARCHAR2 (30)	
VALIDATION_TYPE_CODE45	NULL	VARCHAR2 (30)	
VALIDATION_TYPE_CODE46	NULL	VARCHAR2 (30)	
VALIDATION_TYPE_CODE47	NULL	VARCHAR2 (30)	
VALIDATION_TYPE_CODE48	NULL	VARCHAR2 (30)	
VALIDATION_TYPE_CODE49	NULL	VARCHAR2 (30)	
VALIDATION_TYPE_CODE50	NULL	VARCHAR2 (30)	

*Indexes*

This table does not have 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 kcrtr\_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	VARCHAR2(30)	Column that is being audited in this record (PARAMETER1 - 50)
OLD_VISIBLE_COLUMN_VALUE	NULL	VARCHAR2(1800)	Visible original column value.
OLD_COLUMN_VALUE	NULL	VARCHAR2(1800)	Original column value.
NEW_VISIBLE_COLUMN_VALUE	NULL	VARCHAR2(1800)	Visible new column value.
NEW_COLUMN_VALUE	NULL	VARCHAR2(1800)	New column value
COLUMN_PROMPT	NULL	VARCHAR2(80)	Current prompt for the column.
BATCH_NUMBER	NULL	NUMBER	Batch Number of the Request Detail where this PARAMETER field is found.
TABLE_NAME	NULL	VARCHAR2(30)	Table that is being audited in this record

## Indexes

Index Name	Index Type	Sequence	Column Name
KCRT_TRANSACTIONS_N1	NOT UNIQUE	1	REQUEST_ID
KCRT_TRANSACTIONS_N2	NOT UNIQUE	1	REQUEST_TYPE_ID
KCRT_TRANSACTIONS_U1	UNIQUE	1	TRANSACTION_ID

## Sequences

Sequence Name	Column Name
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
KCRT_REQUESTS	REQUEST_ID	INITIATION_REQUEST_ID
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	USER_DATA_SET_CONTEXT_ID
KNTA_PERIODS	PERIOD_ID	END_PERIOD_ID
KNTA_PERIODS	PERIOD_ID	ENTRY_PERIOD_TYPE_ID
KNTA_PERIODS	PERIOD_ID	START_PERIOD_ID
KNTA_REGIONS	REGION_ID	REGION_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	CREATED_BY

### 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(100)	Name for the financial benefit
ACTIVE_FLAG	NOT NULL	VARCHAR2(1)	Whether or not the financial benefit is active.
STATUS_CODE	NOT NULL	VARCHAR2(30)	Status for financial benefit.
DESCRIPTION		NULL VARCHAR2(250)	Description for financial benefit.
INITIATION_REQUEST_ID		NULL 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(1)	Whether or not to display actuals.
ENTRY_PERIOD_TYPE_ID	NOT NULL	NUMBER	Enter by quarter or month.
USER_DATA_SET_CONTEXT_ID		NULL NUMBER	Parameter set context identifier for the user data fields
USER_DATA1		NULL VARCHAR2(250)	User data segment
VISIBLE_USER_DATA1		NULL VARCHAR2(250)	User data segment
USER_DATA2		NULL VARCHAR2(250)	User data segment
VISIBLE_USER_DATA2		NULL VARCHAR2(250)	User data segment
USER_DATA3		NULL VARCHAR2(250)	User data segment
VISIBLE_USER_DATA3		NULL VARCHAR2(250)	User data segment
USER_DATA4		NULL VARCHAR2(250)	User data segment
VISIBLE_USER_DATA4		NULL VARCHAR2(250)	User data segment
USER_DATA5		NULL VARCHAR2(250)	User data segment
VISIBLE_USER_DATA5		NULL VARCHAR2(250)	User data segment
USER_DATA6		NULL VARCHAR2(250)	User data segment
VISIBLE_USER_DATA6		NULL VARCHAR2(250)	User data segment
USER_DATA7		NULL VARCHAR2(250)	User data segment
VISIBLE_USER_DATA7		NULL VARCHAR2(250)	User data segment
USER_DATA8		NULL VARCHAR2(250)	User data segment

Column Name	Null?	Data Type	Description
VISIBLE_USER_DATA8	NULL	VARCHAR2 (250)	User data segment
USER_DATA9	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA9	NULL	VARCHAR2 (250)	User data segment
USER_DATA10	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA10	NULL	VARCHAR2 (250)	User data segment
USER_DATA11	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA11	NULL	VARCHAR2 (250)	User data segment
USER_DATA12	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA12	NULL	VARCHAR2 (250)	User data segment
USER_DATA13	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA13	NULL	VARCHAR2 (250)	User data segment
USER_DATA14	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA14	NULL	VARCHAR2 (250)	User data segment
USER_DATA15	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA15	NULL	VARCHAR2 (250)	User data segment
USER_DATA16	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA16	NULL	VARCHAR2 (250)	User data segment
USER_DATA17	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA17	NULL	VARCHAR2 (250)	User data segment
USER_DATA18	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA18	NULL	VARCHAR2 (250)	User data segment
USER_DATA19	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA19	NULL	VARCHAR2 (250)	User data segment
USER_DATA20	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA20	NULL	VARCHAR2 (250)	User data segment
REGION_ID	NOT NULL	NUMBER	The region for the benefit

*Indexes*

Index Name	Index Type	Sequence	Column Name
KCST_BENEFITS_N1	NOT UNIQUE	1	INITIATION_REQUEST_ID
KCST_BENEFITS_N2	NOT UNIQUE	1	START_PERIOD_ID
KCST_BENEFITS_N3	NOT UNIQUE	1	END_PERIOD_ID
KCST_BENEFITS_U1	UNIQUE	1	BENEFIT_ID
KCST_BENEFITS_U2	UNIQUE	1	BENEFIT_NAME

*Sequences*

Sequence Name	Column Name
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(1)	Whether or not user can edit basic info for the financial benefit.
EDIT_PLAN_ACTUALS	NOT NULL	VARCHAR2(1)	Whether or not user can edit both plan and actual data for the financial benefit.
EDIT_ACTUALS_ONLY	NOT NULL	VARCHAR2(1)	Whether or not user can edit actuals for the financial benefit.
EDIT_SECURITY	NOT NULL	VARCHAR2(1)	Whether or not user can edit security info for the financial benefit.

## Indexes

Index Name	Index Type	Sequence	Column Name
KCST_BENEFIT_ACCESS_N1	NOT UNIQUE	1	BENEFIT_ID
KCST_BENEFIT_ACCESS_N2	NOT UNIQUE	1	USER_ID
KCST_BENEFIT_ACCESS_U1	UNIQUE	1	BENEFIT_ACCESS_ID

## Sequences

Sequence Name	Column Name
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_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
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(30)	Type of benefit.
CATEGORY_CODE	NULL	VARCHAR2(30)	Category of benefit.
STATUS_CODE	NULL	VARCHAR2(30)	Status of benefit.
USER_DATA_SET_CONTEXT_ID	NULL	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA1	NULL	VARCHAR2(250)	User data segment
USER_DATA2	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA2	NULL	VARCHAR2(250)	User data segment
USER_DATA3	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA3	NULL	VARCHAR2(250)	User data segment
USER_DATA4	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA4	NULL	VARCHAR2(250)	User data segment
USER_DATA5	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA5	NULL	VARCHAR2(250)	User data segment
USER_DATA6	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA6	NULL	VARCHAR2(250)	User data segment
USER_DATA7	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA7	NULL	VARCHAR2(250)	User data segment
USER_DATA8	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA8	NULL	VARCHAR2(250)	User data segment
USER_DATA9	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA9	NULL	VARCHAR2(250)	User data segment
USER_DATA10	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA10	NULL	VARCHAR2(250)	User data segment
USER_DATA11	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA11	NULL	VARCHAR2(250)	User data segment
USER_DATA12	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA12	NULL	VARCHAR2(250)	User data segment
USER_DATA13	NULL	VARCHAR2(250)	User data segment

Column Name	Null?	Data Type	Description
VISIBLE_USER_DATA13	NULL	VARCHAR2 (250)	User data segment
USER_DATA14	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA14	NULL	VARCHAR2 (250)	User data segment
USER_DATA15	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA15	NULL	VARCHAR2 (250)	User data segment
USER_DATA16	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA16	NULL	VARCHAR2 (250)	User data segment
USER_DATA17	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA17	NULL	VARCHAR2 (250)	User data segment
USER_DATA18	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA18	NULL	VARCHAR2 (250)	User data segment
USER_DATA19	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA19	NULL	VARCHAR2 (250)	User data segment
USER_DATA20	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA20	NULL	VARCHAR2 (250)	User data segment

*Indexes*

Index Name	Index Type	Sequence	Column Name
KCST_BENEFIT_LINES_N1	NOT UNIQUE	1	BENEFIT_ID
KCST_BENEFIT_LINES_U1	UNIQUE	1	BENEFIT_LINE_ID

*Sequences*

Sequence Name	Column Name
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
KCST_CURRENCY_CELLS	CURRENCY_CELL_ID	CURRENCY_CELL_ID
KNTA_PERIODS	PERIOD_ID	PERIOD_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

### 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	NOT UNIQUE	1	BENEFIT_LINE_ID
KCST_BENEFIT_LINE_CELLS_N2	NOT UNIQUE	1	BENEFIT_LINE_ID
KCST_BENEFIT_LINE_CELLS_N2	NOT UNIQUE	2	PERIOD_ID
KCST_BENEFIT_LINE_CELLS_U1	UNIQUE	1	BENEFIT_LINE_CELL_ID

### Sequences

Sequence Name	Column Name
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	NULL	NUMBER	The entity ID of linked entity.
ENTITY_PRIMARY_KEY	NULL	NUMBER	The primary key of linked entity.

### Indexes

Index Name	Index Type	Sequence	Column Name
KCST_BENEFIT_LNKED_ENTITIES_N1	NOT UNIQUE	1	ENTITY_ID
KCST_BENEFIT_LNKED_ENTITIES_N1	NOT UNIQUE	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	Column Name
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
KCST_CURRENCY_CELLS	CURRENCY_CELL_ID	CURRENCY_CELL_ID
KNTA_PERIODS	PERIOD_ID	PERIOD_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

### 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.
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	NOT UNIQUE	1	BENEFIT_ID
KCST_BENEFIT_PERIOD_SUM_N2	NOT UNIQUE	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	Column Name
KCST_BENEFIT_PERIOD_SUM_S	BENEFIT_PERIOD_SUM_ID

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## 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(30)	The transaction column.
COLUMN_OLD_VALUE	NULL	VARCHAR2(250)	Previous value.
COLUMN_NEW_VALUE	NULL	VARCHAR2(250)	Current value.

### Indexes

Index Name	Index Type	Sequence	Column Name
KCST_BENEFIT_TXN_HIST_N1	NOT UNIQUE	1	BENEFIT_ID
KCST_BENEFIT_TXN_HIST_U1	UNIQUE	1	BENEFIT_TXN_HIST_ID

### Sequences

Sequence Name	Column Name
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
KCRT_REQUESTS	REQUEST_ID	INITIATION_REQUEST_ID
KCST_BUDGETS	BUDGET_ID	PARENT_BUDGET_ID
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	USER_DATA_SET_CONTEXT_ID
KNTA_PERIODS	PERIOD_ID	END_PERIOD_ID
KNTA_PERIODS	PERIOD_ID	START_PERIOD_ID
KNTA_REGIONS	REGION_ID	REGION_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

## 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
BUDGET_NAME	NOT NULL	VARCHAR2(100)	User defined name for the Budget
STATUS_CODE	NOT NULL	VARCHAR2(30)	Lookup code for 'BUDGET_STATUS'
DESCRIPTION	NULL	VARCHAR2(250)	Short description of the Budget
PARENT_BUDGET_ID	NULL	NUMBER	Identifier for the parent budget
INITIATION_REQUEST_ID	NULL	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(1)	Y or N indicator flag for showing actuals data
USER_DATA_SET_CONTEXT_ID	NULL	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA1	NULL	VARCHAR2(250)	User data segment
USER_DATA2	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA2	NULL	VARCHAR2(250)	User data segment
USER_DATA3	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA3	NULL	VARCHAR2(250)	User data segment
USER_DATA4	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA4	NULL	VARCHAR2(250)	User data segment
USER_DATA5	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA5	NULL	VARCHAR2(250)	User data segment
USER_DATA6	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA6	NULL	VARCHAR2(250)	User data segment
USER_DATA7	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA7	NULL	VARCHAR2(250)	User data segment

Column Name	Null?	Data Type	Description
USER_DATA8	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA8	NULL	VARCHAR2 (250)	User data segment
USER_DATA9	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA9	NULL	VARCHAR2 (250)	User data segment
USER_DATA10	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA10	NULL	VARCHAR2 (250)	User data segment
USER_DATA11	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA11	NULL	VARCHAR2 (250)	User data segment
USER_DATA12	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA12	NULL	VARCHAR2 (250)	User data segment
USER_DATA13	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA13	NULL	VARCHAR2 (250)	User data segment
USER_DATA14	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA14	NULL	VARCHAR2 (250)	User data segment
USER_DATA15	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA15	NULL	VARCHAR2 (250)	User data segment
USER_DATA16	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA16	NULL	VARCHAR2 (250)	User data segment
USER_DATA17	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA17	NULL	VARCHAR2 (250)	User data segment
USER_DATA18	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA18	NULL	VARCHAR2 (250)	User data segment
USER_DATA19	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA19	NULL	VARCHAR2 (250)	User data segment
USER_DATA20	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA20	NULL	VARCHAR2 (250)	User data segment
ENTRY_PERIOD_TYPE_ID	NOT NULL	NUMBER	Enter data by quarters or months.
ACTUALS_ROLLED_UP_FLAG	NOT NULL	VARCHAR2 (1)	Y or N indicator flag showing whether actuals are rolled up
REGION_ID	NOT NULL	NUMBER	Identifier for region
CAPEX_OPEX_ENABLED_FLAG	NOT NULL	VARCHAR2 (1)	Y or N indicator flag showing whether CAPEX and OPEX are enabled

*Indexes*

Index Name	Index Type	Sequence	Column Name
KCST_BUDGETS_N1	NOT UNIQUE	1	PARENT_BUDGET_ID
KCST_BUDGETS_N2	NOT UNIQUE	1	INITIATION_REQUEST_ID
KCST_BUDGETS_N3	NOT UNIQUE	1	START_PERIOD_ID
KCST_BUDGETS_N4	NOT UNIQUE	1	END_PERIOD_ID
KCST_BUDGETS_U1	UNIQUE	1	BUDGET_ID
KCST_BUDGETS_U2	UNIQUE	1	BUDGET_NAME

*Sequences*

Sequence Name	Column Name
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
KCST_BUDGETS	BUDGET_ID	BUDGET_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	USER_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY

### Column Descriptions

Column Name	Null?	Data Type	Description
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(1)	Y or N indicator flag that denote the user's access of editing basic information of the budget
EDIT_PLAN_ACTUALS	NOT NULL	VARCHAR2(1)	Y or N indicator flag that denote the user's access of editing plan actuals information
EDIT_ACTUALS	NOT NULL	VARCHAR2(1)	Y or N indicator flag that denote the user's access of editing actuals information
EDIT_SECURITY	NOT NULL	VARCHAR2(1)	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	NOT UNIQUE	1	BUDGET_ID
KCST_BUDGET_ACCESS_N2	NOT UNIQUE	1	USER_ID
KCST_BUDGET_ACCESS_U1	UNIQUE	1	BUDGET_ACCESS_ID

### Sequences

Sequence Name	Column Name
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_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
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(30)	Lookup code for 'BUDGET_TYPE'
CATEGORY_CODE	NOT NULL	VARCHAR2(30)	Lookup code for 'BUDGET_LABOR_CATEGORY'
STATUS_CODE	NULL	VARCHAR2(30)	Reserved for future use
EXPENSE_TYPE_CODE	NULL	VARCHAR2(30)	CAPITAL or OPERATING.
USER_DATA_SET_CONTEXT_ID	NULL	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA1	NULL	VARCHAR2(250)	User data segment
USER_DATA2	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA2	NULL	VARCHAR2(250)	User data segment
USER_DATA3	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA3	NULL	VARCHAR2(250)	User data segment
USER_DATA4	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA4	NULL	VARCHAR2(250)	User data segment
USER_DATA5	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA5	NULL	VARCHAR2(250)	User data segment
USER_DATA6	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA6	NULL	VARCHAR2(250)	User data segment
USER_DATA7	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA7	NULL	VARCHAR2(250)	User data segment
USER_DATA8	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA8	NULL	VARCHAR2(250)	User data segment
USER_DATA9	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA9	NULL	VARCHAR2(250)	User data segment
USER_DATA10	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA10	NULL	VARCHAR2(250)	User data segment
USER_DATA11	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA11	NULL	VARCHAR2(250)	User data segment
USER_DATA12	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA12	NULL	VARCHAR2(250)	User data segment
USER_DATA13	NULL	VARCHAR2(250)	User data segment

Column Name	Null?	Data Type	Description
VISIBLE_USER_DATA13	NULL	VARCHAR2 (250)	User data segment
USER_DATA14	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA14	NULL	VARCHAR2 (250)	User data segment
USER_DATA15	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA15	NULL	VARCHAR2 (250)	User data segment
USER_DATA16	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA16	NULL	VARCHAR2 (250)	User data segment
USER_DATA17	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA17	NULL	VARCHAR2 (250)	User data segment
USER_DATA18	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA18	NULL	VARCHAR2 (250)	User data segment
USER_DATA19	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA19	NULL	VARCHAR2 (250)	User data segment
USER_DATA20	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA20	NULL	VARCHAR2 (250)	User data segment

*Indexes*

Index Name	Index Type	Sequence	Column Name
KCST_BUDGET_LINES_N1	NOT UNIQUE	1	BUDGET_ID
KCST_BUDGET_LINES_N2	NOT UNIQUE	1	LABOR_TYPE_CODE
KCST_BUDGET_LINES_N2	NOT UNIQUE	2	CATEGORY_CODE
KCST_BUDGET_LINES_U1	UNIQUE	1	BUDGET_LINE_ID

*Sequences*

Sequence Name	Column Name
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
KCST_CURRENCY_CELLS	CURRENCY_CELL_ID	CURRENCY_CELL_ID
KNTA_PERIODS	PERIOD_ID	PERIOD_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

### 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	NOT UNIQUE	1	BUDGET_LINE_ID
KCST_BUDGET_LINE_CELLS_N2	NOT UNIQUE	1	BUDGET_LINE_ID
KCST_BUDGET_LINE_CELLS_N2	NOT UNIQUE	2	PERIOD_ID
KCST_BUDGET_LINE_CELLS_U1	UNIQUE	1	BUDGET_LINE_CELL_ID

### Sequences

Sequence Name	Column Name
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
KDRV_PROJECTS	PROJECT_ID	ENTITY_PRIMARY_KEY
KNTA_ENTITIES	ENTITY_ID	ENTITY_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KPMO_PROGRAMS	PROGRAM_ID	ENTITY_PRIMARY_KEY
KRSC_ORG_UNITS	ORG_UNIT_ID	ENTITY_PRIMARY_KEY

### 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	Identifer for the budget
ACTIVE_FLAG	NOT NULL	VARCHAR2(1)	Y or N flag to denote whether this link is active
ENTITY_ID	NULL	NUMBER	Identifer for the linked entity type
ENTITY_PRIMARY_KEY	NULL	NUMBER	Identifer for the linked entity

### Indexes

Index Name	Index Type	Sequence	Column Name
KCST_BUDGET_LINKED_ENTITIES_N1	NOT UNIQUE	1	ENTITY_ID
KCST_BUDGET_LINKED_ENTITIES_N1	NOT UNIQUE	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	Column Name
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
KCST_CURRENCY_LINES	CURRENCY_LINE_ID	CURRENCY_LINE_ID
KNTA_PERIODS	PERIOD_ID	PERIOD_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

## 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.
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	NOT UNIQUE	1	BUDGET_ID
KCST_BUDGET_PERIOD_SUM_N2	NOT UNIQUE	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
KCST_BUDGET_PERIOD_SUM_U3	UNIQUE	3	SEQ

*Sequences*

Sequence Name

Column Name

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KCST\_BUDGET\_PERIOD\_SUM\_S

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BUDGET\_PERIOD\_SUM\_ID

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## 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
KCST_BUDGETS	BUDGET_ID	BUDGET_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

### 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(30)	The column name of the budget column it records
COLUMN_OLD_VALUE	NULL	VARCHAR2(250)	The previous value of the budget column
COLUMN_NEW_VALUE	NULL	VARCHAR2(250)	The new value of the budget column

### Indexes

Index Name	Index Type	Sequence	Column Name
KCST_BUDGET_TXN_HIST_N1	NOT UNIQUE	1	BUDGET_ID
KCST_BUDGET_TXN_HIST_U1	UNIQUE	1	BUDGET_TXN_HIST_ID

### Sequences

Sequence Name	Column Name
KCST_BUDGET_TXN_HIST_S	BUDGET_TXN_HIST_ID



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## 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(100)	Name of the currency
CURRENCY_CODE	NOT NULL	VARCHAR2(10)	Identifier code of the currency
CURRENCY_SYMBOL	NOT NULL	VARCHAR2(50)	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(1)	Flag that determines if the corresponding currency is the base currency. Value will either be 'Y' or 'N'.
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	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
<UNKNOWN>	<UNKNOWN>	PARENT_ID
KCST_CURRENCIES	CURRENCY_ID	LOCAL_CURRENCY_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

### Column Descriptions

Column Name	Null?	Data Type	Description
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	NULL	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.
EXCHANGE_RATE	NULL	NUMBER	If not null, the FX rate for the exchange date.
PARENT_TYPE_CODE	NOT NULL	VARCHAR2(30)	The type of the parent
PARENT_ID	NOT NULL	NUMBER	Identifier for the parent of the specified parent type
PLAN_VALUE_LCL	NULL	NUMBER	The planned value in the local currency
PLAN_VALUE_BSE	NULL	NUMBER	The planned value in the system base currency
ACTUAL_VALUE_LCL	NULL	NUMBER	The actual value in the local currency
ACTUAL_VALUE_BSE	NULL	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	Column Name
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
<UNKNOWN>	<UNKNOWN>	PARENT_ID
KCST_CURRENCIES	CURRENCY_ID	LOCAL_CURRENCY_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	CREATED_BY

### 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	NULL	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	NULL	NUMBER	The exchange rate on the exchange date, if specified
PARENT_TYPE_CODE	NOT NULL	VARCHAR2(30)	The type of the parent
PARENT_ID	NOT NULL	NUMBER	Identifier for the parent of the parent type specified
PLAN_CAPEX_LABOR_LCL	NULL	NUMBER	The planned capital labor cost in the local currency
PLAN_CAPEX_LABOR_BSE	NULL	NUMBER	The planned capital labor cost in the base currency
PLAN_OPEX_LABOR_LCL	NULL	NUMBER	The planned operating labor cost in the local currency
PLAN_OPEX_LABOR_BSE	NULL	NUMBER	The planned operating labor cost in the base currency
PLAN_CAPEX_NONLABOR_LCL	NULL	NUMBER	The planned capital nonlabor cost in the local currency
PLAN_CAPEX_NONLABOR_BSE	NULL	NUMBER	The planned capital nonlabor cost in the base currency
PLAN_OPEX_NONLABOR_LCL	NULL	NUMBER	The planned operating nonlabor cost in the local currency
PLAN_OPEX_NONLABOR_BSE	NULL	NUMBER	The planned operating nonlabor cost in the base currency
PLAN_CAPEX_TOTAL_LCL	NULL	NUMBER	The planned capital total cost in the local currency
PLAN_CAPEX_TOTAL_BSE	NULL	NUMBER	The planned capital total cost in the base currency
PLAN_OPEX_TOTAL_LCL	NULL	NUMBER	The planned operating total cost in the local currency
PLAN_OPEX_TOTAL_BSE	NULL	NUMBER	The planned operating total cost in the base currency
PLAN_LABOR_TOTAL_LCL	NULL	NUMBER	The total planned labor cost in the local currency
PLAN_LABOR_TOTAL_BSE	NULL	NUMBER	The total planned labor cost in the

Column Name	Null?	Data Type	Description
			base currency
PLAN_NONLABOR_TOTAL_LCL	NULL	NUMBER	The total planned nonlabor cost in the local currency
PLAN_NONLABOR_TOTAL_BSE	NULL	NUMBER	The total planned nonlabor cost in the base currency
PLAN_TOTAL_LCL	NULL	NUMBER	The total planned cost in the local currency
PLAN_TOTAL_BSE	NULL	NUMBER	The total planned cost in the base currency
ACTUAL_CAPEX_LABOR_LCL	NULL	NUMBER	The actual capital labor cost in the local currency
ACTUAL_CAPEX_LABOR_BSE	NULL	NUMBER	The actual capital labor cost in the base currency
ACTUAL_OPEX_LABOR_LCL	NULL	NUMBER	The actual operating labor cost in the local currency
ACTUAL_OPEX_LABOR_BSE	NULL	NUMBER	The actual operating labor cost in the base currency
ACTUAL_CAPEX_NONLABOR_LCL	NULL	NUMBER	The actual capital nonlabor cost in the local currency
ACTUAL_CAPEX_NONLABOR_BSE	NULL	NUMBER	The actual capital nonlabor cost in the base currency
ACTUAL_OPEX_NONLABOR_LCL	NULL	NUMBER	The actual operating nonlabor cost in the local currency
ACTUAL_OPEX_NONLABOR_BSE	NULL	NUMBER	The actual operating nonlabor cost in the base currency
ACTUAL_CAPEX_TOTAL_LCL	NULL	NUMBER	The total actual capital cost in the local currency
ACTUAL_CAPEX_TOTAL_BSE	NULL	NUMBER	The total actual capital cost in the base currency
ACTUAL_OPEX_TOTAL_LCL	NULL	NUMBER	The total actual operating cost in the local currency
ACTUAL_OPEX_TOTAL_BSE	NULL	NUMBER	The total actual operating cost in the base currency
ACTUAL_LABOR_TOTAL_LCL	NULL	NUMBER	The total actual labor cost in the local currency
ACTUAL_LABOR_TOTAL_BSE	NULL	NUMBER	The total actual labor cost in the base currency
ACTUAL_NONLABOR_TOTAL_LCL	NULL	NUMBER	The total actual nonlabor cost in the local currency
ACTUAL_NONLABOR_TOTAL_BSE	NULL	NUMBER	The total actual nonlabor cost in the base currency
ACTUAL_TOTAL_LCL	NULL	NUMBER	The total actual cost in the local currency
ACTUAL_TOTAL_BSE	NULL	NUMBER	The total actual cost in the base currency

#### Indexes

Index Name	Index Type	Sequence	Column Name
KCST_CURRENCY_LINES_N1	NOT UNIQUE	1	EXCHANGE_DATE
KCST_CURRENCY_LINES_N2	NOT UNIQUE	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	Column Name
KCST_CURRENCY_LINES_S	CURRENCY_LINE_ID

## KCST\_FX\_RATES

This table stores information about all available currency exchange rates.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCST_CURRENCIES	CURRENCY_ID	CURRENCY_ID
KNTA_PERIODS	PERIOD_ID	EFFECTIVE_PERIOD_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

### Column Descriptions

Column Name	Null?	Data Type	Description
FX_RATE_ID	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_ID	NOT NULL	NUMBER	Identifier of the currency the exchange rate applies to
EFFECTIVE_PERIOD_ID	NOT NULL	NUMBER	Period that this FX rate starts in. Effective date for this rate will use the start date for the period.
EXCHANGE_RATE	NOT NULL	NUMBER	Exchange rate for the currency to the base currency. This value will be 1 if the corresponding currency is the base currency.

### Indexes

Index Name	Index Type	Sequence	Column Name
KCST_FX_RATES_N1	NOT UNIQUE	1	CURRENCY_ID
KCST_FX_RATES_N2	NOT UNIQUE	1	EFFECTIVE_PERIOD_ID
KCST_FX_RATES_U1	UNIQUE	1	FX_RATE_ID
KCST_FX_RATES_U2	UNIQUE	1	CURRENCY_ID
KCST_FX_RATES_U2	UNIQUE	2	EFFECTIVE_PERIOD_ID

### Sequences

Sequence Name	Column Name
KCST_FX_RATES_S	FX_RATE_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
<UNKNOWN>	<UNKNOWN>	PARENT_ENTITY_ID
KCST_CURRENCIES	CURRENCY_ID	LOCAL_CURRENCY_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

### Column Descriptions

Column Name	Null?	Data Type	Description
FX_UPDATE_SERVICE_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user 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	NULL	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
NEW_EXCHANGE_RATE	NOT NULL	NUMBER	The newly inserted or modified exchange rate
PARENT_ENTITY_TYPE	NOT NULL	VARCHAR2(50)	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(10)	Indicates whether a rate is being updated or inserted
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated

### Indexes

Index Name	Index Type	Sequence	Column Name
KCST_FX_UPDATE_SERVICE_N1	NOT UNIQUE	1	CREATION_DATE
KCST_FX_UPDATE_SERVICE_N2	NOT UNIQUE	1	PARENT_ENTITY_TYPE
KCST_FX_UPDATE_SERVICE_N2	NOT UNIQUE	2	PARENT_ENTITY_ID
KCST_FX_UPDATE_SERVICE_U1	UNIQUE	1	FX_UPDATE_SERVICE_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
<UNKNOWN>	<UNKNOWN>	REQUEST_SUBTYPE_ID
<UNKNOWN>	<UNKNOWN>	ASSIGNED_TO_USER_ID
<UNKNOWN>	<UNKNOWN>	ASSIGNED_TO_GROUP_ID
KCRT_CONTACTS	CONTACT_ID	CONTACT_ID
KCRT_FG_DEMAND_SCHEDULE	REQUEST_ID	REQUEST_ID
KCRT_FG_MASTER_PROJ_REF	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_PROG_RISK	REQUEST_ID	REQUEST_ID
KCRT_FG_PROG_SCOPE_CHANGE	REQUEST_ID	REQUEST_ID
KCRT_FG_SLA	REQUEST_ID	REQUEST_ID
KCRT_FG_WORK_ITEMS	REQUEST_ID	REQUEST_ID
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
KCRT_REQUEST_TYPES	REQUEST_TYPE_ID	REQUEST_TYPE_ID
KCRT_STATUSES	STATUS_ID	STATUS_ID
KDEM_DEMAND_SETS	DEMAND_SET_ID	DEMAND_SET_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
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
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	NULL	VARCHAR2(30)	Indicates the sequential request number identifier that the user sees. Value is retrieved from the request_id.
REQUEST_TYPE_ID	NULL	NUMBER	Identifier that denotes what type of Request this record is.
REQUEST_TYPE_NAME	NULL	VARCHAR2(80)	Name of the type of request this record is
REQUEST_SUBTYPE_ID	NULL	NUMBER	Identifier that denotes what type of sub-request this record is, if provided.

Column Name	Null?	Data Type	Description
REQUEST_SUBTYPE_NAME	NULL	VARCHAR2(80)	Name of the type of sub-request this record is
REQUEST_SUB_TYPE_NAME	NULL	VARCHAR2(80)	Name of the type of sub-request this record is
DESCRIPTION	NULL	VARCHAR2(240)	Short description of the demand
RELEASE_DATE	NULL	DATE	The date wherein this demand was released.
STATUS_ID	NULL	NUMBER	Identifier for the current demand status.
STATUS_NAME	NULL	VARCHAR2(4000)	Name of the status of the demand
STATUS_CODE	NULL	VARCHAR2(30)	Lookup code for 'WF_PARENT_STATUS'
WORKFLOW_ID	NULL	NUMBER	Identifier for the workflow associated to this record.
WORKFLOW_NAME	NULL	VARCHAR2(80)	Name of workflow associated with this record
DEPARTMENT_CODE	NULL	VARCHAR2(30)	Lookup code for 'DEPARTMENT'.
DEPARTMENT_MEANING	NULL	VARCHAR2(4000)	Description of the department
PRIORITY_CODE	NULL	VARCHAR2(30)	Lookup code for 'PRIORITY'.
PRIORITY_MEANING	NULL	VARCHAR2(4000)	Description of the priority
APPLICATION	NULL	VARCHAR2(30)	Lookup code for 'APPLICATION'
APPLICATION_MEANING	NULL	VARCHAR2(4000)	Description of the application
MODULE_MEANING	NULL	VARCHAR2(4000)	Description of the module
ASSIGNED_TO_USER_ID	NULL	NUMBER	Identifier for the user wherein this request was assigned to.
ASSIGNED_TO_USERNAME	NULL	VARCHAR2(200)	Name of the user wherein this demand was assigned to
ASSIGNED_TO_GROUP_ID	NULL	NUMBER	Identifier for the security group wherein this demand was assigned to
ASSIGNED_TO_GROUPNAME	NULL	VARCHAR2(4000)	Name of the security group wherein this demand was assigned to
PROJECT_CODE	NULL	VARCHAR2(30)	Lookup Code for 'REQUEST_GROUP'
RELEASED_FLAG	NULL	VARCHAR2(1)	Flag to determine whether the demand is released
CREATED_BY_USERNAME	NULL	VARCHAR2(200)	Resource who created this demand (in name form)
PROJECT_NAME	NULL	VARCHAR2(4000)	Project name for this demand
CONTACT_ID	NULL	NUMBER	Identifier that identifies the contact for this demand
CONTACT_NAME	NULL	VARCHAR2(80)	Name of contact for the demand
CONTACT_PHONE_NUMBER	NULL	VARCHAR2(30)	Phone number of contact for the demand
CONTACT_EMAIL	NULL	VARCHAR2(80)	Email address of contact for the demand
COMPANY_NAME	NULL	VARCHAR2(4000)	Company name for the demand
COMPANY	NULL	VARCHAR2(30)	Identifier that identify which company this demand is associated with
PERCENT_COMPLETE	NULL	NUMBER	Percent complete of demand
SCHEDULE_DATE	NULL	DATE	Date demand was scheduled
REJECT_DATE	NULL	DATE	Date demand was rejected
EFFORT	NULL	NUMBER	Amount of effort for this demand
DEMAND_SATISFIED_DATE	NULL	DATE	Date demand was satisfied
SERVICE_REQUESTED_DATE	NULL	DATE	Date service was requested
SLA_LEVEL_CODE	NULL	VARCHAR2(30)	Code lookup for Service Level Agreement
SLA_LEVEL	NULL	VARCHAR2(100)	Actual Service Level Agreement for this demand
VIOLATION_DATE	NULL	DATE	Date of violation
SERVICE_SATISFIED_DATE	NULL	DATE	Date demand service was satisfied
PARAMETER1	NULL	VARCHAR2(200)	User data segment



Column Name	Null?	Data Type	Description
VISIBLE_PARAMETER1	NULL	VARCHAR2 (200)	User data segment
PARAMETER2	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER2	NULL	VARCHAR2 (200)	User data segment
PARAMETER3	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER3	NULL	VARCHAR2 (200)	User data segment
PARAMETER4	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER4	NULL	VARCHAR2 (200)	User data segment
PARAMETER5	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER5	NULL	VARCHAR2 (200)	User data segment
PARAMETER6	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER6	NULL	VARCHAR2 (200)	User data segment
PARAMETER7	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER7	NULL	VARCHAR2 (200)	User data segment
PARAMETER8	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER8	NULL	VARCHAR2 (200)	User data segment
PARAMETER9	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER9	NULL	VARCHAR2 (200)	User data segment
PARAMETER10	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER10	NULL	VARCHAR2 (200)	User data segment
PARAMETER11	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER11	NULL	VARCHAR2 (200)	User data segment
PARAMETER12	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER12	NULL	VARCHAR2 (200)	User data segment
PARAMETER13	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER13	NULL	VARCHAR2 (200)	User data segment
PARAMETER14	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER14	NULL	VARCHAR2 (200)	User data segment
PARAMETER15	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER15	NULL	VARCHAR2 (200)	User data segment
PARAMETER16	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER16	NULL	VARCHAR2 (200)	User data segment
PARAMETER17	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER17	NULL	VARCHAR2 (200)	User data segment
PARAMETER18	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER18	NULL	VARCHAR2 (200)	User data segment
PARAMETER19	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER19	NULL	VARCHAR2 (200)	User data segment
PARAMETER20	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER20	NULL	VARCHAR2 (200)	User data segment
PARAMETER21	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER21	NULL	VARCHAR2 (200)	User data segment
PARAMETER22	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER22	NULL	VARCHAR2 (200)	User data segment
PARAMETER23	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER23	NULL	VARCHAR2 (200)	User data segment
PARAMETER24	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER24	NULL	VARCHAR2 (200)	User data segment
PARAMETER25	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER25	NULL	VARCHAR2 (200)	User data segment
PARAMETER26	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER26	NULL	VARCHAR2 (200)	User data segment
PARAMETER27	NULL	VARCHAR2 (200)	User data segment

Column Name	Null?	Data Type	Description
VISIBLE_PARAMETER27	NULL	VARCHAR2 (200)	User data segment
PARAMETER28	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER28	NULL	VARCHAR2 (200)	User data segment
PARAMETER29	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER29	NULL	VARCHAR2 (200)	User data segment
PARAMETER30	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER30	NULL	VARCHAR2 (200)	User data segment
PARAMETER31	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER31	NULL	VARCHAR2 (200)	User data segment
PARAMETER32	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER32	NULL	VARCHAR2 (200)	User data segment
PARAMETER33	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER33	NULL	VARCHAR2 (200)	User data segment
PARAMETER34	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER34	NULL	VARCHAR2 (200)	User data segment
PARAMETER35	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER35	NULL	VARCHAR2 (200)	User data segment
PARAMETER36	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER36	NULL	VARCHAR2 (200)	User data segment
PARAMETER37	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER37	NULL	VARCHAR2 (200)	User data segment
PARAMETER38	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER38	NULL	VARCHAR2 (200)	User data segment
PARAMETER39	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER39	NULL	VARCHAR2 (200)	User data segment
PARAMETER40	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER40	NULL	VARCHAR2 (200)	User data segment
PARAMETER41	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER41	NULL	VARCHAR2 (200)	User data segment
PARAMETER42	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER42	NULL	VARCHAR2 (200)	User data segment
PARAMETER43	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER43	NULL	VARCHAR2 (200)	User data segment
PARAMETER44	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER44	NULL	VARCHAR2 (200)	User data segment
PARAMETER45	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER45	NULL	VARCHAR2 (200)	User data segment
PARAMETER46	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER46	NULL	VARCHAR2 (200)	User data segment
PARAMETER47	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER47	NULL	VARCHAR2 (200)	User data segment
PARAMETER48	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER48	NULL	VARCHAR2 (200)	User data segment
PARAMETER49	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER49	NULL	VARCHAR2 (200)	User data segment
PARAMETER50	NULL	VARCHAR2 (200)	User data segment
VISIBLE_PARAMETER50	NULL	VARCHAR2 (200)	User data segment
ASSIGNED_TO_NAME	NULL	VARCHAR2 (80)	The full name of the assigned to user
CREATED_BY_NAME	NULL	VARCHAR2 (80)	The full name of the created by user

*Indexes*

Index Name	Index Type	Sequence	Column Name
KDEM_DEMANDS_N1	NOT UNIQUE	1	DEMAND_SET_ID
KDEM_DEMANDS_N1	NOT UNIQUE	2	PARAMETER1
KDEM_DEMANDS_N2	NOT UNIQUE	1	DEMAND_SET_ID
KDEM_DEMANDS_N2	NOT UNIQUE	2	PARAMETER2
KDEM_DEMANDS_N3	NOT UNIQUE	1	DEMAND_SET_ID
KDEM_DEMANDS_N3	NOT UNIQUE	2	PARAMETER3
KDEM_DEMANDS_N4	NOT UNIQUE	1	DEMAND_SET_ID
KDEM_DEMANDS_N4	NOT UNIQUE	2	PARAMETER4
KDEM_DEMANDS_N5	NOT UNIQUE	1	DEMAND_SET_ID
KDEM_DEMANDS_N5	NOT UNIQUE	2	PARAMETER5
KDEM_DEMANDS_U1	UNIQUE	1	DEMAND_SET_ID
KDEM_DEMANDS_U1	UNIQUE	2	REQUEST_ID

*Sequences*

Sequence Name	Column Name
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
<UNKNOWN>	<UNKNOWN>	SEARCH_VALIDATION_ID
KDEM_DEMAND_SETS	DEMAND_SET_ID	DEMAND_SET_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

### Column Descriptions

Column Name	Null?	Data Type	Description
DEMAND_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(50)	Name of the demand field
PARAMETER_COLUMN_NUMBER	NOT NULL	NUMBER	Column number of the demand field in the demand table
SEARCH_VALIDATION_ID	NOT NULL	NUMBER	Identifier to identify which search validation to use for the demand field

### Indexes

Index Name	Index Type	Sequence	Column Name
KDEM_DEMAND_FIELDS_U1	UNIQUE	1	DEMAND_FIELD_ID
KDEM_DEMAND_FIELDS_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	Column Name
KDEM_DEMAND_FIELDS_S	DEMAND_FIELD_ID

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## 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(100)	Name of the demand set
DESCRIPTION	NULL	VARCHAR2(300)	Short description for the demand set
VIEW_NAME	NOT NULL	VARCHAR2(30)	Name of the view for the demand set
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flag to determine whether the demand set is enabled

### Indexes

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

### Sequences

Sequence Name	Column Name
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
KCRT_REQUEST_TYPES	REQUEST_TYPE_ID	REQUEST_TYPE_ID
KDEM_DEMAND_SETS	DEMAND_SET_ID	DEMAND_SET_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

### Column Descriptions

Column Name	Null?	Data Type	Description
DEMAND_SET_REQ_TYPE_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user 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	Column Name
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
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
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KRML_PARAMETER_SET_FLDS_COPY	PARAMETER_SET_FIELD_ID	PARAMETER_SET_FIELD_ID

### Column Descriptions

Column Name	Null?	Data Type	Description
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
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	Column Name
KDEM_FIELD_MAPPINGS_S	FIELD_MAPPING_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
KACC_ACCELERATORS	ACCELERATOR_ID	ACCELERATOR_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

### Column Descriptions

Column Name	Null?	Data Type	Description
OBJECT_TYPE_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user 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(80)	The name of the object type
ACCELERATOR_ID	NULL	NUMBER	Accelerator associated with the object type
OBJECT_CATEGORY	NOT NULL	VARCHAR2(30)	Lookup code for 'OBJECT_CATEGORY' can be 'REP', 'MIG', or 'AOL'
OBJECT_NAME_COLUMN	NULL	VARCHAR2(30)	The parameter column name that stores the defined object name
OBJECT_REVISION_COLUMN	NULL	VARCHAR2(30)	The parameter column name that stores the defined object revision
DESCRIPTION	NULL	VARCHAR2(240)	Free form text describing the object type.
OM_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Used to sequence the migration of AOL objects
OM_SEQ_NUM	NULL	NUMBER	Used to sequence the migration of AOL objects.
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Determines whether or not this object may be used on a change request
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update
MDL_VIEW_NAME_ROOT	NULL	VARCHAR2(20)	Defines the root part of an MDL view name for this object type. The term root is borrowed from linguist terms such that a word can have prefix, root and suffix. The system will try to default to the object type name if possible.



*Indexes*

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

*Sequences*

Sequence Name	Column Name
KDLV_OBJECT_TYPES_S	OBJECT_TYPE_ID

## 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_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	USER_DATA_SET_CONTEXT_ID
KNTA_SECURITY_GROUPS	SECURITY_GROUP_ID	ASSIGNED_TO_GROUP_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	ASSIGNED_TO_USER_ID
KNTA_USERS	USER_ID	CREATED_BY
KWFL_STEP_TRANSACTIONS	STEP_TRANSACTION_ID	PARENT_STEP_TRANSACTION_ID
KWFL_WORKFLOWS	WORKFLOW_ID	WORKFLOW_ID

### Column Descriptions

Column Name	Null?	Data Type	Description
PACKAGE_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user 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(40)	The user-defined Package number for the Package
ASSIGNED_TO_USER_ID	NULL	NUMBER	ID of the user to which this Package is assigned to
ASSIGNED_TO_GROUP_ID	NULL	NUMBER	ID of the group to which this Package is assigned to
DESCRIPTION	NULL	VARCHAR2(240)	Short description of the Package
RELEASE_DATE	NULL	DATE	Date Package is released (sets status to in-progress)
PRIORITY_CODE	NULL	VARCHAR2(30)	Lookup code for 'REQUEST_PRIORITY'
PRIORITY_SEQ	NULL	NUMBER	Tasks with smaller priority sequence are run earlier
STATUS_CODE	NOT NULL	VARCHAR2(30)	Lookup code for 'REQUEST_STATUS'
PROJECT_CODE	NULL	VARCHAR2(30)	The project that this Package belongs to
WORKFLOW_ID	NULL	NUMBER	The workflow being used to route this Package
PARENT_STEP_TRANSACTION_ID	NULL	NUMBER	Reference ID of parent Request
PACKAGE_TYPE_CODE	NULL	VARCHAR2(30)	Lookup code for 'REQUEST_TYPE'
USER_DATA_SET_CONTEXT_ID	NULL	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA1	NULL	VARCHAR2(200)	User data segment
USER_DATA2	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA2	NULL	VARCHAR2(200)	User data segment
USER_DATA3	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA3	NULL	VARCHAR2(200)	User data segment
USER_DATA4	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA4	NULL	VARCHAR2(200)	User data segment
USER_DATA5	NULL	VARCHAR2(200)	User data segment

Column Name	Null?	Data Type	Description
VISIBLE_USER_DATA5	NULL	VARCHAR2(200)	User data segment
USER_DATA6	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA6	NULL	VARCHAR2(200)	User data segment
USER_DATA7	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA7	NULL	VARCHAR2(200)	User data segment
USER_DATA8	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA8	NULL	VARCHAR2(200)	User data segment
USER_DATA9	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA9	NULL	VARCHAR2(200)	User data segment
USER_DATA10	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA10	NULL	VARCHAR2(200)	User data segment
USER_DATA11	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA11	NULL	VARCHAR2(200)	User data segment
USER_DATA12	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA12	NULL	VARCHAR2(200)	User data segment
USER_DATA13	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA13	NULL	VARCHAR2(200)	User data segment
USER_DATA14	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA14	NULL	VARCHAR2(200)	User data segment
USER_DATA15	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA15	NULL	VARCHAR2(200)	User data segment
USER_DATA16	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA16	NULL	VARCHAR2(200)	User data segment
USER_DATA17	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA17	NULL	VARCHAR2(200)	User data segment
USER_DATA18	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA18	NULL	VARCHAR2(200)	User data segment
USER_DATA19	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA19	NULL	VARCHAR2(200)	User data segment
USER_DATA20	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA20	NULL	VARCHAR2(200)	User data segment
SOURCE_PACKAGE_ID	NULL	NUMBER	Identifier of the original Package for this Distribution placeholder Package
DISTPKG_STATUS_MEANING	NULL	VARCHAR2(200)	Displayed status of this Distribution Package
RUN_GROUP	NULL	NUMBER	Run group number of this Distribution Package
DISTRIBUTION_ID	NULL	NUMBER	Identifier of the Distribution that this Package belongs to
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Denote whether this Distribution Package is enabled or disabled
DIST_STEP_TRANSACTION_ID	NULL	NUMBER	Identifier for the Package-level subworkflow step transaction of the Distribution that this Package belongs to
DIST_WORKFLOW_STEP_ID_PATH	NULL	VARCHAR2(200)	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	NOT UNIQUE	1	ASSIGNED_TO_USER_ID
KDLV_PACKAGES_N11	NOT UNIQUE	1	DISTRIBUTION_ID
KDLV_PACKAGES_N11	NOT UNIQUE	2	DIST_WORKFLOW_STEP_ID_PATH
KDLV_PACKAGES_N12	NOT UNIQUE	1	SOURCE_PACKAGE_ID
KDLV_PACKAGES_N2	NOT UNIQUE	1	CREATED_BY
KDLV_PACKAGES_N3	NOT UNIQUE	1	ASSIGNED_TO_GROUP_ID
KDLV_PACKAGES_N4	NOT UNIQUE	1	WORKFLOW_ID
KDLV_PACKAGES_N5	NOT UNIQUE	1	CREATION_DATE
KDLV_PACKAGES_N6	NOT UNIQUE	1	PACKAGE_NUMBER
KDLV_PACKAGES_N7	NOT UNIQUE	1	PROJECT_CODE
KDLV_PACKAGES_N8	NOT UNIQUE	1	STATUS_CODE
KDLV_PACKAGES_N9	NOT UNIQUE	1	RELEASE_DATE
KDLV_PACKAGES_U1	UNIQUE	1	PACKAGE_ID

*Sequences*

Sequence Name	Column Name
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
KDLV_PACKAGES	PACKAGE_ID	PACKAGE_ID
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	USER_DATA_SET_CONTEXT_ID
KNTA_SECURITY_GROUPS	SECURITY_GROUP_ID	ASSIGNED_TO_GROUP_ID
KNTA_USERS	USER_ID	REQUESTED_BY
KNTA_USERS	USER_ID	ASSIGNED_TO_USER_ID
KNTA_USERS	USER_ID	CREATED_BY
KWFL_WORKFLOWS	WORKFLOW_ID	WORKFLOW_ID

### Column Descriptions

Column Name	Null?	Data Type	Description
PACKAGE_INTERFACE_ID	NULL	NUMBER	System-generated identifier
GROUP_ID	NULL	NUMBER	This value is used to tie records in the interface tables together. Most of database processing is done based on this value from KNTA_INTERFACE_GROUPS_S .
PROCESS_PHASE	NULL	NUMBER	Indicates which phase a record is at: Pending, Deriving, Validating, Importing or Completed
PROCESS_STATUS	NULL	NUMBER	Indicates the current status of the interface record: Pending, In Process, Errored or Completed
CREATED_BY	NULL	NUMBER	Identifier for the user that created the record
CREATED_BY_USERNAME	NULL	VARCHAR2(200)	Username that creates the record
CREATION_DATE	NULL	DATE	Date record was created
SOURCE_CODE	NULL	VARCHAR2(30)	Used to differentiate interface records by their point of origin
PACKAGE_ID	NULL	NUMBER	Refers to the package_id in KDLV_PACKAGES table
REQUESTED_BY	NULL	NUMBER	ID of the user that requests the record
REQUESTED_BY_USERNAME	NULL	VARCHAR2(200)	Name of the user that requests the record
PACKAGE_NUMBER	NULL	VARCHAR2(40)	Assigned number of the package
ASSIGNED_TO_USER_ID	NULL	NUMBER	ID of the user assigned to this record
ASSIGNED_TO_USERNAME	NULL	VARCHAR2(200)	Username assigned to this record
ASSIGNED_TO_GROUP_ID	NULL	NUMBER	ID of the group assigned to this record
ASSIGNED_TO_GROUP_NAME	NULL	VARCHAR2(30)	Name of the group assigned to this record
DESCRIPTION	NULL	VARCHAR2(240)	Description of the record entered by user
PACKAGE_TYPE_CODE	NULL	VARCHAR2(30)	Type of the package: customization, setup...
PRIORITY_CODE	NULL	VARCHAR2(30)	Priority of the package: low,

Column Name	Null?	Data Type	Description
			normal, high or critical
STATUS_CODE	NULL	VARCHAR2(30)	Status of the package
PROJECT_CODE	NULL	VARCHAR2(30)	Project used for this package
WORKFLOW_ID	NULL	NUMBER	ID of the workflow used for this package
WORKFLOW_NAME	NULL	VARCHAR2(80)	Name of the workflow used for this package
PRIORITY_SEQ	NULL	NUMBER	The priority sequence of a package
RELEASE_FLAG	NULL	VARCHAR2(1)	Flag (Y/N) to indicate whether this package is released or not
USER_DATA_SET_CONTEXT_ID	NULL	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA1	NULL	VARCHAR2(200)	User data segment
USER_DATA2	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA2	NULL	VARCHAR2(200)	User data segment
USER_DATA3	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA3	NULL	VARCHAR2(200)	User data segment
USER_DATA4	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA4	NULL	VARCHAR2(200)	User data segment
USER_DATA5	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA5	NULL	VARCHAR2(200)	User data segment
USER_DATA6	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA6	NULL	VARCHAR2(200)	User data segment
USER_DATA7	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA7	NULL	VARCHAR2(200)	User data segment
USER_DATA8	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA8	NULL	VARCHAR2(200)	User data segment
USER_DATA9	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA9	NULL	VARCHAR2(200)	User data segment
USER_DATA10	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA10	NULL	VARCHAR2(200)	User data segment
USER_DATA11	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA11	NULL	VARCHAR2(200)	User data segment
USER_DATA12	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA12	NULL	VARCHAR2(200)	User data segment
USER_DATA13	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA13	NULL	VARCHAR2(200)	User data segment
USER_DATA14	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA14	NULL	VARCHAR2(200)	User data segment
USER_DATA15	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA15	NULL	VARCHAR2(200)	User data segment
USER_DATA16	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA16	NULL	VARCHAR2(200)	User data segment
USER_DATA17	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA17	NULL	VARCHAR2(200)	User data segment
USER_DATA18	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA18	NULL	VARCHAR2(200)	User data segment
USER_DATA19	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA19	NULL	VARCHAR2(200)	User data segment
USER_DATA20	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA20	NULL	VARCHAR2(200)	User data segment
SOURCE_PACKAGE_ID	NULL	NUMBER	Identifier of the original Package for this Distribution placeholder Package

Column Name	Null?	Data Type	Description
DISTPKG_STATUS_MEANING	NULL	VARCHAR2(80)	Displayed status of this Distribution Package
RUN_GROUP	NULL	NUMBER	Run group number of this Distribution Package
DISTRIBUTION_ID	NULL	NUMBER	Identifier of the Distribution that this Package belongs to
ENABLED_FLAG	NULL	VARCHAR2(1)	Denote whether this Distribution Package is enabled or disabled
DIST_STEP_TRANSACTION_ID	NULL	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	NOT UNIQUE	1	PACKAGE_INTERFACE_ID
KDLV_PACKAGES_INT_N1	NOT UNIQUE	2	GROUP_ID
KDLV_PACKAGES_INT_N2	NOT UNIQUE	1	GROUP_ID
KDLV_PACKAGES_INT_N3	NOT UNIQUE	1	PACKAGE_NUMBER
KDLV_PACKAGES_INT_N4	NOT UNIQUE	1	PACKAGE_ID

#### Sequences

Sequence Name	Column Name
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
KENV_ENV_APPS	APP_CODE	APP_CODE
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	PARAMETER_SET_CONTEXT_ID
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	USER_DATA_SET_CONTEXT_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

## 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
OBJECT_TYPE_ID	NOT NULL	NUMBER	The denormalized object_type_id of the object chosen for this Line
OBJECT_NAME	NULL	VARCHAR2(300)	The denormalized object_name of the object entered on this Line
OBJECT_REVISION	NULL	VARCHAR2(300)	The denormalized object_revision of the object entered on this Line
APP_CODE	NULL	VARCHAR2(30)	The selected app code for this line (chosen from all available app codes in the selected workflow)
PARAMETER_SET_CONTEXT_ID	NULL	NUMBER	Package Line parameter
PARAMETER1	NULL	VARCHAR2(200)	Package Line parameter
VISIBLE_PARAMETER1	NULL	VARCHAR2(200)	Package Line parameter
PARAMETER2	NULL	VARCHAR2(200)	Package Line parameter
VISIBLE_PARAMETER2	NULL	VARCHAR2(200)	Package Line parameter
PARAMETER3	NULL	VARCHAR2(200)	Package Line parameter
VISIBLE_PARAMETER3	NULL	VARCHAR2(200)	Package Line parameter
PARAMETER4	NULL	VARCHAR2(200)	Package Line parameter
VISIBLE_PARAMETER4	NULL	VARCHAR2(200)	Package Line parameter
PARAMETER5	NULL	VARCHAR2(200)	Package Line parameter
VISIBLE_PARAMETER5	NULL	VARCHAR2(200)	Package Line parameter
PARAMETER6	NULL	VARCHAR2(200)	Package Line parameter
VISIBLE_PARAMETER6	NULL	VARCHAR2(200)	Package Line parameter
PARAMETER7	NULL	VARCHAR2(200)	Package Line parameter
VISIBLE_PARAMETER7	NULL	VARCHAR2(200)	Package Line parameter
PARAMETER8	NULL	VARCHAR2(200)	Package Line parameter
VISIBLE_PARAMETER8	NULL	VARCHAR2(200)	Package Line parameter
PARAMETER9	NULL	VARCHAR2(200)	Package Line parameter
VISIBLE_PARAMETER9	NULL	VARCHAR2(200)	Package Line parameter
PARAMETER10	NULL	VARCHAR2(200)	Package Line parameter



Column Name	Null?	Data Type	Description
VISIBLE_PARAMETER10	NULL	VARCHAR2 (200)	Package Line parameter
PARAMETER11	NULL	VARCHAR2 (200)	Package Line parameter
VISIBLE_PARAMETER11	NULL	VARCHAR2 (200)	Package Line parameter
PARAMETER12	NULL	VARCHAR2 (200)	Package Line parameter
VISIBLE_PARAMETER12	NULL	VARCHAR2 (200)	Package Line parameter
PARAMETER13	NULL	VARCHAR2 (200)	Package Line parameter
VISIBLE_PARAMETER13	NULL	VARCHAR2 (200)	Package Line parameter
PARAMETER14	NULL	VARCHAR2 (200)	Package Line parameter
VISIBLE_PARAMETER14	NULL	VARCHAR2 (200)	Package Line parameter
PARAMETER15	NULL	VARCHAR2 (200)	Package Line parameter
VISIBLE_PARAMETER15	NULL	VARCHAR2 (200)	Package Line parameter
PARAMETER16	NULL	VARCHAR2 (200)	Package Line parameter
VISIBLE_PARAMETER16	NULL	VARCHAR2 (200)	Package Line parameter
PARAMETER17	NULL	VARCHAR2 (200)	Package Line parameter
VISIBLE_PARAMETER17	NULL	VARCHAR2 (200)	Package Line parameter
PARAMETER18	NULL	VARCHAR2 (200)	Package Line parameter
VISIBLE_PARAMETER18	NULL	VARCHAR2 (200)	Package Line parameter
PARAMETER19	NULL	VARCHAR2 (200)	Package Line parameter
VISIBLE_PARAMETER19	NULL	VARCHAR2 (200)	Package Line parameter
PARAMETER20	NULL	VARCHAR2 (200)	Package Line parameter
VISIBLE_PARAMETER20	NULL	VARCHAR2 (200)	Package Line parameter
PARAMETER21	NULL	VARCHAR2 (200)	Package Line parameter
VISIBLE_PARAMETER21	NULL	VARCHAR2 (200)	Package Line parameter
PARAMETER22	NULL	VARCHAR2 (200)	Package Line parameter
VISIBLE_PARAMETER22	NULL	VARCHAR2 (200)	Package Line parameter
PARAMETER23	NULL	VARCHAR2 (200)	Package Line parameter
VISIBLE_PARAMETER23	NULL	VARCHAR2 (200)	Package Line parameter
PARAMETER24	NULL	VARCHAR2 (200)	Package Line parameter
VISIBLE_PARAMETER24	NULL	VARCHAR2 (200)	Package Line parameter
PARAMETER25	NULL	VARCHAR2 (200)	Package Line parameter
VISIBLE_PARAMETER25	NULL	VARCHAR2 (200)	Package Line parameter
PARAMETER26	NULL	VARCHAR2 (200)	Package Line parameter
VISIBLE_PARAMETER26	NULL	VARCHAR2 (200)	Package Line parameter
PARAMETER27	NULL	VARCHAR2 (200)	Package Line parameter
VISIBLE_PARAMETER27	NULL	VARCHAR2 (200)	Package Line parameter
PARAMETER28	NULL	VARCHAR2 (200)	Package Line parameter
VISIBLE_PARAMETER28	NULL	VARCHAR2 (200)	Package Line parameter
PARAMETER29	NULL	VARCHAR2 (200)	Package Line parameter
VISIBLE_PARAMETER29	NULL	VARCHAR2 (200)	Package Line parameter
PARAMETER30	NULL	VARCHAR2 (200)	Package Line parameter
VISIBLE_PARAMETER30	NULL	VARCHAR2 (200)	Package Line parameter
USER_DATA_SET_CONTEXT_ID	NULL	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA1	NULL	VARCHAR2 (200)	User data segment
USER_DATA2	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA2	NULL	VARCHAR2 (200)	User data segment
USER_DATA3	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA3	NULL	VARCHAR2 (200)	User data segment
USER_DATA4	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA4	NULL	VARCHAR2 (200)	User data segment
USER_DATA5	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA5	NULL	VARCHAR2 (200)	User data segment

Column Name	Null?	Data Type	Description
USER_DATA6	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA6	NULL	VARCHAR2 (200)	User data segment
USER_DATA7	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA7	NULL	VARCHAR2 (200)	User data segment
USER_DATA8	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA8	NULL	VARCHAR2 (200)	User data segment
USER_DATA9	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA9	NULL	VARCHAR2 (200)	User data segment
USER_DATA10	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA10	NULL	VARCHAR2 (200)	User data segment
USER_DATA11	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA11	NULL	VARCHAR2 (200)	User data segment
USER_DATA12	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA12	NULL	VARCHAR2 (200)	User data segment
USER_DATA13	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA13	NULL	VARCHAR2 (200)	User data segment
USER_DATA14	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA14	NULL	VARCHAR2 (200)	User data segment
USER_DATA15	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA15	NULL	VARCHAR2 (200)	User data segment
USER_DATA16	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA16	NULL	VARCHAR2 (200)	User data segment
USER_DATA17	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA17	NULL	VARCHAR2 (200)	User data segment
USER_DATA18	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA18	NULL	VARCHAR2 (200)	User data segment
USER_DATA19	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA19	NULL	VARCHAR2 (200)	User data segment
USER_DATA20	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA20	NULL	VARCHAR2 (200)	User data segment
SOURCE_PACKAGE_LINE_ID	NULL	NUMBER	Identifier of the original Package Line for this Distribution placeholder Package Line
ENABLED_FLAG	NOT NULL	VARCHAR2 (1)	Denote whether this Distribution Package Line is enabled or disabled

*Indexes*

Index Name	Index Type	Sequence	Column Name
KDLV_PACKAGE_LINES_N1	NOT UNIQUE	1	OBJECT_TYPE_ID
KDLV_PACKAGE_LINES_N2	NOT UNIQUE	1	PARAMETER_SET_CONTEXT_ID
KDLV_PACKAGE_LINES_N3	NOT UNIQUE	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	Column Name
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_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	USER_DATA_SET_CONTEXT_ID
KNTA_USERS	USER_ID	CREATED_BY

### Column Descriptions

Column Name	Null?	Data Type	Description
PACKAGE_LINE_INTERFACE_ID	NULL	NUMBER	System-generated identifier
GROUP_ID	NULL	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	NULL	NUMBER	ID of the package interface id in KDLV_PACKAGES_INT table
PACKAGE_ID	NULL	NUMBER	If not null, used to validate against the request_id in KDLV_PACKAGES
PACKAGE_NUMBER	NULL	VARCHAR2(40)	If not null, used to validate against the request_number in KDLV_PACKAGES
PROCESS_PHASE	NULL	NUMBER	Common column among interface tables. Used to determine which phase a record is at: Pending, Deriving, Validating, Importing or Completed
PROCESS_STATUS	NULL	NUMBER	Common column among interface tables. Used to determine the current status of the interface record: Pending, In Process, Errored or Completed
CREATED_BY	NULL	NUMBER	Identifier for the user that created the record
CREATED_BY_USERNAME	NULL	VARCHAR2(200)	Username that created this record
CREATION_DATE	NULL	DATE	Date record was created
SOURCE_CODE	NULL	VARCHAR2(30)	Common column among interface tables. Used to differentiate interface records by their point of origin
SEQ	NULL	NUMBER	Sequence number
PACKAGE_LINE_ID	NULL	NUMBER	If not null, used to validate against KDLV_PACKAGE_LINES. If null, derive from

Column Name	Null?	Data Type	Description
OBJECT_TYPE_ID	NULL	NUMBER	KDLV_PACKAGE_LINES_S If not null, used to validate against KDLV_OBJECT_TYPES. If null, derive from OBJECT_TYPE_NAME
OBJECT_TYPE_NAME	NULL	VARCHAR2(80)	If OBJECT_TYPE_ID not null, ignore this column, otherwise validate against KDLV_OBJECT_TYPES
OBJECT_NAME	NULL	VARCHAR2(300)	Do we try to populate this from the object type definition and the parameter column values?
APP_CODE	NULL	VARCHAR2(30)	If not null, validate against the distinct APP_CODES in KDLV_ENVIRONMENT_APPS
PARAMETER_SET_CONTEXT_ID	NULL	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	NULL	VARCHAR2(200)	Package line parameter
VISIBLE_PARAMETER1	NULL	VARCHAR2(200)	Package line parameter
PARAMETER2	NULL	VARCHAR2(200)	Package line parameter
VISIBLE_PARAMETER2	NULL	VARCHAR2(200)	Package line parameter
PARAMETER3	NULL	VARCHAR2(200)	Package line parameter
VISIBLE_PARAMETER3	NULL	VARCHAR2(200)	Package line parameter
PARAMETER4	NULL	VARCHAR2(200)	Package line parameter
VISIBLE_PARAMETER4	NULL	VARCHAR2(200)	Package line parameter
PARAMETER5	NULL	VARCHAR2(200)	Package line parameter
VISIBLE_PARAMETER5	NULL	VARCHAR2(200)	Package line parameter
PARAMETER6	NULL	VARCHAR2(200)	Package line parameter
VISIBLE_PARAMETER6	NULL	VARCHAR2(200)	Package line parameter
PARAMETER7	NULL	VARCHAR2(200)	Package line parameter
VISIBLE_PARAMETER7	NULL	VARCHAR2(200)	Package line parameter
PARAMETER8	NULL	VARCHAR2(200)	Package line parameter
VISIBLE_PARAMETER8	NULL	VARCHAR2(200)	Package line parameter
PARAMETER9	NULL	VARCHAR2(200)	Package line parameter
VISIBLE_PARAMETER9	NULL	VARCHAR2(200)	Package line parameter
PARAMETER10	NULL	VARCHAR2(200)	Package line parameter
VISIBLE_PARAMETER10	NULL	VARCHAR2(200)	Package line parameter
PARAMETER11	NULL	VARCHAR2(200)	Package line parameter
VISIBLE_PARAMETER11	NULL	VARCHAR2(200)	Package line parameter
PARAMETER12	NULL	VARCHAR2(200)	Package line parameter
VISIBLE_PARAMETER12	NULL	VARCHAR2(200)	Package line parameter
PARAMETER13	NULL	VARCHAR2(200)	Package line parameter
VISIBLE_PARAMETER13	NULL	VARCHAR2(200)	Package line parameter
PARAMETER14	NULL	VARCHAR2(200)	Package line parameter
VISIBLE_PARAMETER14	NULL	VARCHAR2(200)	Package line parameter
PARAMETER15	NULL	VARCHAR2(200)	Package line parameter
VISIBLE_PARAMETER15	NULL	VARCHAR2(200)	Package line parameter
PARAMETER16	NULL	VARCHAR2(200)	Package line parameter
VISIBLE_PARAMETER16	NULL	VARCHAR2(200)	Package line parameter
PARAMETER17	NULL	VARCHAR2(200)	Package line parameter
VISIBLE_PARAMETER17	NULL	VARCHAR2(200)	Package line parameter
PARAMETER18	NULL	VARCHAR2(200)	Package line parameter
VISIBLE_PARAMETER18	NULL	VARCHAR2(200)	Package line parameter
PARAMETER19	NULL	VARCHAR2(200)	Package line parameter
VISIBLE_PARAMETER19	NULL	VARCHAR2(200)	Package line parameter

Column Name	Null?	Data Type	Description
PARAMETER20	NULL	VARCHAR2 (200)	Package line parameter
VISIBLE_PARAMETER20	NULL	VARCHAR2 (200)	Package line parameter
PARAMETER21	NULL	VARCHAR2 (200)	Package line parameter
VISIBLE_PARAMETER21	NULL	VARCHAR2 (200)	Package line parameter
PARAMETER22	NULL	VARCHAR2 (200)	Package line parameter
VISIBLE_PARAMETER22	NULL	VARCHAR2 (200)	Package line parameter
PARAMETER23	NULL	VARCHAR2 (200)	Package line parameter
VISIBLE_PARAMETER23	NULL	VARCHAR2 (200)	Package line parameter
PARAMETER24	NULL	VARCHAR2 (200)	Package line parameter
VISIBLE_PARAMETER24	NULL	VARCHAR2 (200)	Package line parameter
PARAMETER25	NULL	VARCHAR2 (200)	Package line parameter
VISIBLE_PARAMETER25	NULL	VARCHAR2 (200)	Package line parameter
PARAMETER26	NULL	VARCHAR2 (200)	Package line parameter
VISIBLE_PARAMETER26	NULL	VARCHAR2 (200)	Package line parameter
PARAMETER27	NULL	VARCHAR2 (200)	Package line parameter
VISIBLE_PARAMETER27	NULL	VARCHAR2 (200)	Package line parameter
PARAMETER28	NULL	VARCHAR2 (200)	Package line parameter
VISIBLE_PARAMETER28	NULL	VARCHAR2 (200)	Package line parameter
PARAMETER29	NULL	VARCHAR2 (200)	Package line parameter
VISIBLE_PARAMETER29	NULL	VARCHAR2 (200)	Package line parameter
PARAMETER30	NULL	VARCHAR2 (200)	Package line parameter
VISIBLE_PARAMETER30	NULL	VARCHAR2 (200)	Package line parameter
RELEASE_FLAG	NULL	VARCHAR2 (1)	Whether or not to release after creation
USER_DATA_SET_CONTEXT_ID	NULL	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA1	NULL	VARCHAR2 (200)	User data segment
USER_DATA2	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA2	NULL	VARCHAR2 (200)	User data segment
USER_DATA3	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA3	NULL	VARCHAR2 (200)	User data segment
USER_DATA4	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA4	NULL	VARCHAR2 (200)	User data segment
USER_DATA5	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA5	NULL	VARCHAR2 (200)	User data segment
USER_DATA6	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA6	NULL	VARCHAR2 (200)	User data segment
USER_DATA7	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA7	NULL	VARCHAR2 (200)	User data segment
USER_DATA8	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA8	NULL	VARCHAR2 (200)	User data segment
USER_DATA9	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA9	NULL	VARCHAR2 (200)	User data segment
USER_DATA10	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA10	NULL	VARCHAR2 (200)	User data segment
USER_DATA11	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA11	NULL	VARCHAR2 (200)	User data segment
USER_DATA12	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA12	NULL	VARCHAR2 (200)	User data segment
USER_DATA13	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA13	NULL	VARCHAR2 (200)	User data segment
USER_DATA14	NULL	VARCHAR2 (200)	User data segment

Column Name	Null?	Data Type	Description
VISIBLE_USER_DATA14	NULL	VARCHAR2(200)	User data segment
USER_DATA15	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA15	NULL	VARCHAR2(200)	User data segment
USER_DATA16	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA16	NULL	VARCHAR2(200)	User data segment
USER_DATA17	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA17	NULL	VARCHAR2(200)	User data segment
USER_DATA18	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA18	NULL	VARCHAR2(200)	User data segment
USER_DATA19	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA19	NULL	VARCHAR2(200)	User data segment
USER_DATA20	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA20	NULL	VARCHAR2(200)	User data segment
OBJECT_REVISION	NULL	VARCHAR2(300)	Revision of the object
SOURCE_PACKAGE_LINE_ID	NULL	NUMBER	Identifier of the original Package Line for this Distribution placeholder Package Line
ENABLED_FLAG	NULL	VARCHAR2(1)	Denote whether this Distribution Package Line is enabled or disabled

#### Indexes

Index Name	Index Type	Sequence	Column Name
KDLV_PACKAGE_LINES_INT_N1	NOT UNIQUE	1	PACKAGE_LINE_INTERFACE_ID
KDLV_PACKAGE_LINES_INT_N1	NOT UNIQUE	2	GROUP_ID
KDLV_PACKAGE_LINES_INT_N2	NOT UNIQUE	1	GROUP_ID
KDLV_PACKAGE_LINES_INT_N2	NOT UNIQUE	2	PACKAGE_INTERFACE_ID
KDLV_PACKAGE_LINES_INT_N3	NOT UNIQUE	1	PACKAGE_NUMBER
KDLV_PACKAGE_LINES_INT_N3	NOT UNIQUE	2	SEQ

#### Sequences

Sequence Name	Column Name
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	NULL	NUMBER	System-generated identifier
GROUP_ID	NULL	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	NULL	NUMBER	ID of a package
PACKAGE_ID	NULL	NUMBER	If not null, used to validate against the package_id in KDLV_PACKAGES
PACKAGE_NUMBER	NULL	VARCHAR2(40)	If not null, used to validate against the package_number in KDLV_PACKAGES
PROCESS_PHASE	NULL	NUMBER	Common column among interface tables. Used to determine which phase a record is at: Pending, Deriving, Validating, Importing or Completed
PROCESS_STATUS	NULL	NUMBER	Common column among interface tables. Used to determine the current status of the interface record: Pending, In Process, Errored or Completed
CREATED_BY	NULL	NUMBER	Identifier for the user that created the record
CREATED_BY_USERNAME	NULL	VARCHAR2(200)	Username that created this record
CREATION_DATE	NULL	DATE	Date record was created
SOURCE_CODE	NULL	VARCHAR2(30)	Common column among interface tables. Used to differentiate interface records by their point of origin
NOTE	NULL	CLOB	Note for a particular package
REPLACE_NOTE_FLAG	NULL	VARCHAR2(1)	Whether or not to replace the existing note

*Indexes*

Index Name	Index Type	Sequence	Column Name
KDLV_PACKAGE_NOTES_INT_N1	NOT UNIQUE	1	PACKAGE_NOTE_INTERFACE_ID
KDLV_PACKAGE_NOTES_INT_N1	NOT UNIQUE	2	GROUP_ID
KDLV_PACKAGE_NOTES_INT_N2	NOT UNIQUE	1	GROUP_ID
KDLV_PACKAGE_NOTES_INT_N2	NOT UNIQUE	2	PACKAGE_INTERFACE_ID
KDLV_PACKAGE_NOTES_INT_N3	NOT UNIQUE	1	PACKAGE_NUMBER

*Sequences*

Sequence Name	Column Name
KDLV_INTERFACES_S	PACKAGE_NOTE_INTERFACE_ID
KNTA_INTERFACE_GROUPS_S	GROUP_ID



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## 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
KDLV_PACKAGES	PACKAGE_ID	PACKAGE_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KWFL_PENDING_EXEC_OBJECTS	BATCH_ID	BATCH_ID
KWFL_STEP_TRANSACTIONS	STEP_TRANSACTION_ID	STEP_TRANSACTION_ID

### Column Descriptions

Column Name	Null?	Data Type	Description
PACKAGE_ID	NOT NULL	NUMBER	Package ID. Refers to KDLV_PACKAGES.
BATCH_ID	NOT NULL	NUMBER	The execution batch id used to launch the mainframe job. Refers to KWFL_PENDING_EXEC_OBJECTS
STEP_TRANSACTION_ID	NOT NULL	NUMBER	Identifies the step transaction in KWFL_STEP_TRANSACTIONS that resulted in the mainframe job submission. STEP_TRANSACTION_ID is required to write back status results to the KWFL_STEP_TRANSACTIONS table.
STATUS	NOT NULL	VARCHAR2(30)	The result of the job's execution upon completion of the job.
VISIBLE_USER_STATUS_VALUE	NULL	VARCHAR2(200)	The visible result of the status that is shown to the user.
RESULT_VALUE	NULL	VARCHAR2(200)	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(200)	The absolute path (on the app server) to the JCL file that was submitted.
FILENAME	NOT NULL	VARCHAR2(200)	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
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 have 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
KDLV_PACKAGES	PACKAGE_ID	PACKAGE_ID
KDLV_PACKAGE_LINES	PACKAGE_LINE_ID	PACKAGE_LINE_ID
KENV_ENVIRONMENTS	ENVIRONMENT_ID	DEST_ENVIRONMENT_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KWFL_PENDING_EXEC_OBJECTS	BATCH_ID	BATCH_ID
KWFL_STEP_TRANSACTIONS	STEP_TRANSACTION_ID	STEP_TRANSACTION_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
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	NULL	VARCHAR2(128)	Database Link used to get the status of concurrent requests submitted to other remote databases running Oracle Applications
CONC_REQ_SUBMISSION_CODE	NOT NULL	VARCHAR2(30)	Combination of Status and Phase used by Oracle Applications to track the status of concurrent requests submissions. If 'INVALID' then this request has not been submitted.
STATUS	NOT NULL	VARCHAR2(30)	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	NULL	VARCHAR2(200)	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	NULL	VARCHAR2(200)	Holds the result value to be

Column Name	Null?	Data Type	Description
CHANGED_FLAG	NOT NULL	VARCHAR2(1)	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 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	NULL	NUMBER	The Package Line ID. Refers to KDLV_PACKAGE_LINES
DEST_ENVIRONMENT_ID	NULL	NUMBER	Environment ID of the environment to which the job was submitted. Refers to KENV_ENVIRONMENTS. This column is null if this was a single environment execution. If it is for an environment group, it contains one destination environment ID from the group.
TOP_INSTANCE_SOURCE_TYPE_CODE	NOT NULL	VARCHAR2(30)	Indicates the type of workflow that submitted this concurrent request (package, distribution)
DIST_LINE_INSTANCE_ID	NULL	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	NOT UNIQUE	1	PACKAGE_ID
KDLV_PENDING_PACKAGES_N2	NOT UNIQUE	1	STEP_TRANSACTION_ID
KDLV_PENDING_PACKAGES_N3	NOT UNIQUE	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
KDLV_RESPONSES	RESPONSE_ID	PARENT_RESPONSE_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

### Column Descriptions

Column Name	Null?	Data Type	Description
RESPONSE_ID	NOT NULL	NUMBER	System-generated identifier
PARENT_RESPONSE_ID	NULL	NUMBER	Used to link multi-line prompts, including menu prompts
MODULE	NOT NULL	VARCHAR2(40)	Currently, this field is either 'ADPATCH' or 'ADADMIN_<function>'. Wth the VERSION value, this column identifies a unique set of responses to use during processing. In order to use Patch*Applicator, the value must begin with 'ADADMIN' or 'ADPATCH'.
VERSION	NOT NULL	VARCHAR2(40)	The product version associated with the prompts
PROMPT_TYPE	NOT NULL	VARCHAR2(240)	Identifies the prompt type. (A command parameter, multi-line prompt, sql response, token response, value, menu item)
PROMPT	NOT NULL	VARCHAR2(240)	The prompt to search for
RESPONSE	NULL	VARCHAR2(500)	The response that will be issued if the prompt is found
ENCRYPT_FLAG	NOT NULL	VARCHAR2(1)	Signifies the response should be encrypted (e.g. it is a password)
EXIT_FLAG	NOT NULL	VARCHAR2(1)	Exit after processing this prompt
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user that created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NULL	NUMBER	Identifier for the user that last updated the record
NEXT_MODULE	NULL	VARCHAR2(40)	Next module to respond to (used when interacting with menus)
NEXT_VERSION	NULL	VARCHAR2(40)	Next version to respond to (used when interacting with menus)
BUFFER_LINES	NULL	NUMBER	Number of buffered lines to search for a menu item
EXECUTION_FLAG	NULL	VARCHAR2(1)	Whether or not this is an execution (used when interacting with menus). If this value is Y, the next menu found will cause ksc_respond to load a new set of responses per the NEXT_MODULE and NEXT_VERSION values
ACTION	NULL	VARCHAR2(200)	Show the action taken in conjunction with this response. Action is in addition to the normal response processing.

Column Name	Null?	Data Type	Description
DEFAULT_PROMPT_TYPE	NULL	VARCHAR2 (240)	

*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 sheduler. This allows the user to immediately run the interface but also allow for scheduled processing.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KDLV_PACKAGES	PACKAGE_ID	PACKAGE_ID
KDLV_PACKAGE_LINES	PACKAGE_LINE_ID	PACKAGE_LINE_ID
KNTA_USERS	USER_ID	CREATED_BY
KWFL_WORKFLOW_INSTANCE_STEPS	WORKFLOW_INSTANCE_STEP_ID	WORKFLOW_INSTANCE_STEP_ID
KWFL_WORKFLOW_STEPS	WORKFLOW_STEP_ID	WORKFLOW_STEP_ID

### Column Descriptions

Column Name	Null?	Data Type	Description
TRANSACTION_INTERFACE_ID	NULL	NUMBER	System-generated identifier
GROUP_ID	NULL	NUMBER	Common column among interface tables. This value is used to tie records in the interface tables together. Most of database processing is done based on this value
PROCESS_PHASE	NULL	NUMBER	Common column, indicates which phase a record is at: Pending, Deriving, Validating, Importing or Completed
PROCESS_STATUS	NULL	NUMBER	Common column, indicates the current status of the interface record: Pending, In Process, Errored or Completed
CREATED_BY	NULL	NUMBER	Identifier for the user that created the record
CREATED_BY_USERNAME	NULL	VARCHAR2(200)	Username that creates the record
CREATION_DATE	NULL	DATE	Date record was created
SOURCE_CODE	NULL	VARCHAR2(30)	Common column, used to differentiate interface records by their point of origin
PACKAGE_ID	NULL	NUMBER	ID of a Package
PACKAGE_NUMBER	NULL	VARCHAR2(40)	Assigned number of a Package
PACKAGE_LINE_ID	NULL	NUMBER	ID of a Package Line
PACKAGE_LINE_SEQ	NULL	NUMBER	Sequence number of a Package Line
WORKFLOW_INSTANCE_STEP_ID	NULL	NUMBER	ID of an instance of a specific workflow step
WORKFLOW_STEP_ID	NULL	NUMBER	ID of a specific step in a workflow
WORKFLOW_STEP_NAME	NULL	VARCHAR2(80)	Name of a step in a workflow
RESULT_VALUE	NULL	VARCHAR2(200)	Hidden value of a workflow status
VISIBLE_RESULT_VALUE	NULL	VARCHAR2(200)	Visible value of a workflow status
EXECUTE_FLAG	NULL	VARCHAR2(1)	Whether or not a specific step is executable
COMMENTS	NULL	VARCHAR2(2000)	Comments
SCHEDULE_DATE	NULL	DATE	Scheduled date for transaction

*Indexes*

Index Name	Index Type	Sequence	Column Name
KDLV_TRANSACTIONS_INT_N1	NOT UNIQUE	1	TRANSACTION_INTERFACE_ID
KDLV_TRANSACTIONS_INT_N2	NOT UNIQUE	1	GROUP_ID
KDLV_TRANSACTIONS_INT_N2	NOT UNIQUE	2	TRANSACTION_INTERFACE_ID
KDLV_TRANSACTIONS_INT_N3	NOT UNIQUE	1	PACKAGE_NUMBER

*Sequences*

This table does not use any sequences.

## KDLV\_WORKFLOW\_EXTN

This table contains additional information for Deliver Packages. This information is configured through Deliver Workflow. The information stored here relates to Participant Restrictions and Key Fields Segmentation.

### Foreign Keys

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

### Column Descriptions

Column Name	Null?	Data Type	Description
WORKFLOW_EXTN_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user 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(30)	Code that specifies whether the Workflow security is restricted to a particular group(s)
ASSIGNED_TO_FILTER_CODE	NOT NULL	VARCHAR2(30)	Code that specifies what the Workflow Assigned To filter is set to
ASSIGNED_GRP_FILTER_CODE	NOT NULL	VARCHAR2(30)	Code that specifies what the Workflow Assigned To Group filter is set to
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	Used to differentiate interface records by their point of origin.
SOURCE	NULL	VARCHAR2(100)	Denotes the external source of the workflow

### 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	Column Name
KDLV_WORKFLOW_EXTN_S	WORKFLOW_EXTN_ID



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## KDRV\_ACTION\_ITEMS

This table contains all the action items for projects, sub-projects and tasks.

### Foreign Keys

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

### Column Descriptions

Column Name	Null?	Data Type	Description
ACTION_ITEM_ID	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	The ID of the project that owns this action item
PRIORITY_CODE	NOT NULL	VARCHAR2(30)	User-definable priority code ( i.e. High, Normal, Low ...)
STATUS_CODE	NOT NULL	VARCHAR2(30)	User-definable status code (i.e. Open, On Hold, Complete...)
ACTION_ITEM	NOT NULL	VARCHAR2(1800)	Action item description
REQUIRED_FLAG	NOT NULL	VARCHAR2(1)	A value of "Y" indicates this action item must be completed before the task is allowed to change to the completed state, a value of "N" will not prevent task state change.

### Indexes

Index Name	Index Type	Sequence	Column Name
KDRV_ACTION_ITEMS_N1	NOT UNIQUE	1	PROJECT_ID
KDRV_ACTION_ITEMS_U1	UNIQUE	1	ACTION_ITEM_ID

### Sequences

Sequence Name	Column Name
KDRV_ACTION_ITEMS_S	ACTION_ITEM_ID

## KDRV\_ASSIGNMENTS

This table has all the resources/project managers associated with a project or task. The resource/project manager can be a user or security\_group. This table is mainly used for reports and security, and is automatically maintained by the kdrv\_projects\_t1 trigger.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KDRV_PROJECTS	PROJECT_ID	PROJECT_ID
KDRV_PROJECTS	PROJECT_ID	MASTER_PROJECT_ID
KNTA_SECURITY_GROUPS	SECURITY_GROUP_ID	SOURCE_ID
KNTA_USERS	USER_ID	SOURCE_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KRSC_SKILLS	SKILL_ID	BOOKED_SKILL_ID

### Column Descriptions

Column Name	Null?	Data Type	Description
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
PROJECT_ID	NOT NULL	NUMBER	The ID of a corresponding row in KDRV_PROJECTS table
SOURCE_ID	NOT NULL	NUMBER	Resource Identifier, can be a user or security group.
RESOURCE_TYPE_CODE	NOT NULL	VARCHAR2(30)	Resource type, specifies whether the record corresponds to a USER or a SECURITY_GROUP
MASTER_PROJECT_ID	NOT NULL	NUMBER	Master project identifier of the project or task to which the resource is assigned
SCHEDULED_EFFORT	NULL	NUMBER	Scheduled number of hours that this resource will work on the task. Null if Resource Type is not a user.
BOOKED_SKILL_ID	NULL	NUMBER	The Skill the User who works on the task will use. Null if Resource Type is not a user.

### Indexes

Index Name	Index Type	Sequence	Column Name
KDRV_ASSIGNMENTS_N1	NOT UNIQUE	1	MASTER_PROJECT_ID
KDRV_ASSIGNMENTS_N1	NOT UNIQUE	2	RESOURCE_TYPE_CODE
KDRV_ASSIGNMENTS_N1	NOT UNIQUE	3	SOURCE_ID
KDRV_ASSIGNMENTS_N2	NOT UNIQUE	1	SOURCE_ID
KDRV_ASSIGNMENTS_N2	NOT UNIQUE	2	RESOURCE_TYPE_CODE
KDRV_ASSIGNMENTS_U1	UNIQUE	1	ASSIGNMENT_ID
KDRV_ASSIGNMENTS_U2	UNIQUE	1	PROJECT_ID
KDRV_ASSIGNMENTS_U2	UNIQUE	2	RESOURCE_TYPE_CODE
KDRV_ASSIGNMENTS_U2	UNIQUE	3	SOURCE_ID

*Sequences*

Sequence Name

Column Name

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KDRV\_ASSIGNMENTS\_S

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ASSIGNMENT\_ID

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## KDRV\_BASELINES

The KDRV\_BASELINES table contains names and descriptions of each project baseline that has been created for Drive projects.

### Foreign Keys

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

### Column Descriptions

Column Name	Null?	Data Type	Description
BASELINE_ID	NOT NULL	NUMBER	Unique identifier for this baseline.
CREATION_DATE	NOT NULL	DATE	Date and time the project baseline was created.
CREATED_BY	NOT NULL	NUMBER	Identifier of the user that created this project baseline.
LAST_UPDATE_DATE	NOT NULL	DATE	Date and time the baseline information contained in this table was last updated.
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier of the last user to update the baseline information in this table.
PROJECT_ID	NOT NULL	NUMBER	Identifier of the project this baseline was created from.
BASELINE_NAME	NOT NULL	VARCHAR2(200)	Name of this baseline.
ACTIVE_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating whether this baseline is currently active. Every project must have one active baseline. Possible values are "Y" and "N".
DESCRIPTION	NULL	VARCHAR2(300)	Brief description of this baseline.

### Indexes

Index Name	Index Type	Sequence	Column Name
KDRV_BASELINES_N1	NOT UNIQUE	1	PROJECT_ID
KDRV_BASELINES_U1	UNIQUE	1	BASELINE_ID

### Sequences

Sequence Name	Column Name
KDRV_BASELINES_S	BASELINE_ID

## KDRV\_BASELINE\_ASSIGNMENTS

This table contains all the resources/project managers associated with a project or task at the time the baseline was created. Data in this table corresponds to the data found in KDRV\_ASSIGNMENTS.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KDRV_BASELINE_PROJECTS	BASELINE_PROJECT_ID	BASELINE_PROJECT_ID
KDRV_PROJECTS	PROJECT_ID	MASTER_PROJECT_ID
KDRV_PROJECTS	PROJECT_ID	PROJECT_ID
KNTA_SECURITY_GROUPS	SECURITY_GROUP_ID	SOURCE_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	SOURCE_ID
KRSC_SKILLS	SKILL_ID	BOOKED_SKILL_ID

### Column Descriptions

Column Name	Null?	Data Type	Description
BASELINE_ASSIGNMENT_ID	NOT NULL	NUMBER	Unique identifier for this project/task assignment.
BASELINE_PROJECT_ID	NOT NULL	NUMBER	Identifier of the baselined project.
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 of the project this assignment was created for.
SOURCE_ID	NOT NULL	NUMBER	Resource identifier, can be either a user or security group. The type is determined by the RESOURCE_TYPE_CODE column.
SOURCE_NAME	NOT NULL	VARCHAR2(40)	Name of the resource associated with this assignment. If the resource is a security group it will be the security group name, otherwise it is the username.
SOURCE_FULL_NAME	NOT NULL	VARCHAR2(80)	If this resource is a user, this column contains the first and last name of the user separated by a space, and the security group name otherwise.
RESOURCE_TYPE_CODE	NOT NULL	VARCHAR2(30)	Defines the type of resource this assignment was created for. Can be either "USER" or "SECURITY_GROUP"
MASTER_PROJECT_ID	NOT NULL	NUMBER	Identifier of the master project this project/task assignment is contained within.
SCHEDULED_EFFORT	NULL	NUMBER	Amount of effort, in hours, this resource is scheduled to work on this project/task.
BOOKED_SKILL_ID	NULL	NUMBER	Identifier of the skill that has been booked for this project/task which is associated with this resource
BOOKED_SKILL_NAME	NULL	VARCHAR2(200)	Name of the skill that has been

Column Name	Null?	Data Type	Description
			booked for this project/task which is associated with this resource. Denormalized at the time of baseline creation.

*Indexes*

Index Name	Index Type	Sequence	Column Name
KDRV_BASELINE_ASSIGNMENTS_N1	NOT UNIQUE	1	BASELINE_PROJECT_ID
KDRV_BASELINE_ASSIGNMENTS_U1	UNIQUE	1	BASELINE_ASSIGNMENT_ID

*Sequences*

Sequence Name	Column Name
KDRV_BASELINE_ASSIGNMENTS_S	BASELINE_ASSIGNMENT_ID

## KDRV\_BASELINE\_DETAILS

The KDRV\_BASELINE\_DETAILS table contains project detail information found in the KDRV\_PROJECT\_DETAILS table at the time the project baseline was created.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KDRV_BASELINE_PROJECTS	BASELINE_PROJECT_ID	BASELINE_PROJECT_ID
KDRV_PROJECTS	PROJECT_ID	PROJECT_ID
KDRV_PROJECT_DETAILS	PROJECT_DETAIL_ID	PROJECT_DETAIL_ID
KDRV_PROJECT_TEMPLATES	PROJECT_TEMPLATE_ID	PROJECT_TEMPLATE_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

### Column Descriptions

Column Name	Null?	Data Type	Description
BASELINE_DETAIL_ID	NOT NULL	NUMBER	Unique identifier for this project baseline detail record.
BASELINE_PROJECT_ID	NOT NULL	NUMBER	Identifier of the project baseline this record was created for.
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_DETAIL_ID	NOT NULL	NUMBER	Identifier of the project detail record this baseline was created from.
PROJECT_ID	NOT NULL	NUMBER	Identifier of the project this details row corresponds to.
PROJECT_TEMPLATE_ID	NULL	NUMBER	Identifier of the template if a there is a project template associated with this project.
PARAMETER_SET_CONTEXT_ID	NULL	NUMBER	Identifier of the parameter set context which defines the fields associated with this project from the project template.
PARAMETER1	NULL	VARCHAR2 (250)	Project Detail parameter.
VISIBLE_PARAMETER1	NULL	VARCHAR2 (250)	Project Detail parameter.
PARAMETER2	NULL	VARCHAR2 (250)	Project Detail parameter.
VISIBLE_PARAMETER2	NULL	VARCHAR2 (250)	Project Detail parameter.
PARAMETER3	NULL	VARCHAR2 (250)	Project Detail parameter.
VISIBLE_PARAMETER3	NULL	VARCHAR2 (250)	Project Detail parameter.
PARAMETER4	NULL	VARCHAR2 (250)	Project Detail parameter.
VISIBLE_PARAMETER4	NULL	VARCHAR2 (250)	Project Detail parameter.
PARAMETER5	NULL	VARCHAR2 (250)	Project Detail parameter.
VISIBLE_PARAMETER5	NULL	VARCHAR2 (250)	Project Detail parameter.
PARAMETER6	NULL	VARCHAR2 (250)	Project Detail parameter.
VISIBLE_PARAMETER6	NULL	VARCHAR2 (250)	Project Detail parameter.
PARAMETER7	NULL	VARCHAR2 (250)	Project Detail parameter.
VISIBLE_PARAMETER7	NULL	VARCHAR2 (250)	Project Detail parameter.
PARAMETER8	NULL	VARCHAR2 (250)	Project Detail parameter.
VISIBLE_PARAMETER8	NULL	VARCHAR2 (250)	Project Detail parameter.

Column Name	Null?	Data Type	Description
PARAMETER9	NULL	VARCHAR2 (250)	Project Detail parameter.
VISIBLE_PARAMETER9	NULL	VARCHAR2 (250)	Project Detail parameter.
PARAMETER10	NULL	VARCHAR2 (250)	Project Detail parameter.
VISIBLE_PARAMETER10	NULL	VARCHAR2 (250)	Project Detail parameter.
PARAMETER11	NULL	VARCHAR2 (250)	Project Detail parameter.
VISIBLE_PARAMETER11	NULL	VARCHAR2 (250)	Project Detail parameter.
PARAMETER12	NULL	VARCHAR2 (250)	Project Detail parameter.
VISIBLE_PARAMETER12	NULL	VARCHAR2 (250)	Project Detail parameter.
PARAMETER13	NULL	VARCHAR2 (250)	Project Detail parameter.
VISIBLE_PARAMETER13	NULL	VARCHAR2 (250)	Project Detail parameter.
PARAMETER14	NULL	VARCHAR2 (250)	Project Detail parameter.
VISIBLE_PARAMETER14	NULL	VARCHAR2 (250)	Project Detail parameter.
PARAMETER15	NULL	VARCHAR2 (250)	Project Detail parameter.
VISIBLE_PARAMETER15	NULL	VARCHAR2 (250)	Project Detail parameter.
PARAMETER16	NULL	VARCHAR2 (250)	Project Detail parameter.
VISIBLE_PARAMETER16	NULL	VARCHAR2 (250)	Project Detail parameter.
PARAMETER17	NULL	VARCHAR2 (250)	Project Detail parameter.
VISIBLE_PARAMETER17	NULL	VARCHAR2 (250)	Project Detail parameter.
PARAMETER18	NULL	VARCHAR2 (250)	Project Detail parameter.
VISIBLE_PARAMETER18	NULL	VARCHAR2 (250)	Project Detail parameter.
PARAMETER19	NULL	VARCHAR2 (250)	Project Detail parameter.
VISIBLE_PARAMETER19	NULL	VARCHAR2 (250)	Project Detail parameter.
PARAMETER20	NULL	VARCHAR2 (250)	Project Detail parameter.
VISIBLE_PARAMETER20	NULL	VARCHAR2 (250)	Project Detail parameter.
PARAMETER21	NULL	VARCHAR2 (250)	Project Detail parameter.
VISIBLE_PARAMETER21	NULL	VARCHAR2 (250)	Project Detail parameter.
PARAMETER22	NULL	VARCHAR2 (250)	Project Detail parameter.
VISIBLE_PARAMETER22	NULL	VARCHAR2 (250)	Project Detail parameter.
PARAMETER23	NULL	VARCHAR2 (250)	Project Detail parameter.
VISIBLE_PARAMETER23	NULL	VARCHAR2 (250)	Project Detail parameter.
PARAMETER24	NULL	VARCHAR2 (250)	Project Detail parameter.
VISIBLE_PARAMETER24	NULL	VARCHAR2 (250)	Project Detail parameter.
PARAMETER25	NULL	VARCHAR2 (250)	Project Detail parameter.
VISIBLE_PARAMETER25	NULL	VARCHAR2 (250)	Project Detail parameter.
PARAMETER26	NULL	VARCHAR2 (250)	Project Detail parameter.
VISIBLE_PARAMETER26	NULL	VARCHAR2 (250)	Project Detail parameter.
PARAMETER27	NULL	VARCHAR2 (250)	Project Detail parameter.
VISIBLE_PARAMETER27	NULL	VARCHAR2 (250)	Project Detail parameter.
PARAMETER28	NULL	VARCHAR2 (250)	Project Detail parameter.
VISIBLE_PARAMETER28	NULL	VARCHAR2 (250)	Project Detail parameter.
PARAMETER29	NULL	VARCHAR2 (250)	Project Detail parameter.
VISIBLE_PARAMETER29	NULL	VARCHAR2 (250)	Project Detail parameter.
PARAMETER30	NULL	VARCHAR2 (250)	Project Detail parameter.
VISIBLE_PARAMETER30	NULL	VARCHAR2 (250)	Project Detail parameter.
PARAMETER31	NULL	VARCHAR2 (250)	Project Detail parameter.
VISIBLE_PARAMETER31	NULL	VARCHAR2 (250)	Project Detail parameter.
PARAMETER32	NULL	VARCHAR2 (250)	Project Detail parameter.
VISIBLE_PARAMETER32	NULL	VARCHAR2 (250)	Project Detail parameter.
PARAMETER33	NULL	VARCHAR2 (250)	Project Detail parameter.
VISIBLE_PARAMETER33	NULL	VARCHAR2 (250)	Project Detail parameter.
PARAMETER34	NULL	VARCHAR2 (250)	Project Detail parameter.
VISIBLE_PARAMETER34	NULL	VARCHAR2 (250)	Project Detail parameter.





Column Name	Null?	Data Type	Description
PARAMETER61	NULL	VARCHAR2 (250)	Project Detail parameter.
VISIBLE_PARAMETER61	NULL	VARCHAR2 (250)	Project Detail parameter.
PARAMETER62	NULL	VARCHAR2 (250)	Project Detail parameter.
VISIBLE_PARAMETER62	NULL	VARCHAR2 (250)	Project Detail parameter.
PARAMETER63	NULL	VARCHAR2 (250)	Project Detail parameter.
VISIBLE_PARAMETER63	NULL	VARCHAR2 (250)	Project Detail parameter.
PARAMETER64	NULL	VARCHAR2 (250)	Project Detail parameter.
VISIBLE_PARAMETER64	NULL	VARCHAR2 (250)	Project Detail parameter.
PARAMETER65	NULL	VARCHAR2 (250)	Project Detail parameter.
VISIBLE_PARAMETER65	NULL	VARCHAR2 (250)	Project Detail parameter.
PARAMETER66	NULL	VARCHAR2 (250)	Project Detail parameter.
VISIBLE_PARAMETER66	NULL	VARCHAR2 (250)	Project Detail parameter.
PARAMETER67	NULL	VARCHAR2 (250)	Project Detail parameter.
VISIBLE_PARAMETER67	NULL	VARCHAR2 (250)	Project Detail parameter.
PARAMETER68	NULL	VARCHAR2 (250)	Project Detail parameter.
VISIBLE_PARAMETER68	NULL	VARCHAR2 (250)	Project Detail parameter.
PARAMETER69	NULL	VARCHAR2 (250)	Project Detail parameter.
VISIBLE_PARAMETER69	NULL	VARCHAR2 (250)	Project Detail parameter.
PARAMETER70	NULL	VARCHAR2 (250)	Project Detail parameter.
VISIBLE_PARAMETER70	NULL	VARCHAR2 (250)	Project Detail parameter.
PARAMETER71	NULL	VARCHAR2 (250)	Project Detail parameter.
VISIBLE_PARAMETER71	NULL	VARCHAR2 (250)	Project Detail parameter.
PARAMETER72	NULL	VARCHAR2 (250)	Project Detail parameter.
VISIBLE_PARAMETER72	NULL	VARCHAR2 (250)	Project Detail parameter.
PARAMETER73	NULL	VARCHAR2 (250)	Project Detail parameter.
VISIBLE_PARAMETER73	NULL	VARCHAR2 (250)	Project Detail parameter.
PARAMETER74	NULL	VARCHAR2 (250)	Project Detail parameter.
VISIBLE_PARAMETER74	NULL	VARCHAR2 (250)	Project Detail parameter.
PARAMETER75	NULL	VARCHAR2 (250)	Project Detail parameter.
VISIBLE_PARAMETER75	NULL	VARCHAR2 (250)	Project Detail parameter.
PARAMETER76	NULL	VARCHAR2 (1800)	Project Detail parameter.
VISIBLE_PARAMETER76	NULL	VARCHAR2 (1800)	Project Detail parameter.
PARAMETER77	NULL	VARCHAR2 (1800)	Project Detail parameter.
VISIBLE_PARAMETER77	NULL	VARCHAR2 (1800)	Project Detail parameter.
PARAMETER78	NULL	VARCHAR2 (1800)	Project Detail parameter.
VISIBLE_PARAMETER78	NULL	VARCHAR2 (1800)	Project Detail parameter.
PARAMETER79	NULL	VARCHAR2 (1800)	Project Detail parameter.
VISIBLE_PARAMETER79	NULL	VARCHAR2 (1800)	Project Detail parameter.
PARAMETER80	NULL	VARCHAR2 (1800)	Project Detail parameter.
VISIBLE_PARAMETER80	NULL	VARCHAR2 (1800)	Project Detail parameter.
PARAMETER81	NULL	VARCHAR2 (1800)	Project Detail parameter.
VISIBLE_PARAMETER81	NULL	VARCHAR2 (1800)	Project Detail parameter.
PARAMETER82	NULL	VARCHAR2 (1800)	Project Detail parameter.
VISIBLE_PARAMETER82	NULL	VARCHAR2 (1800)	Project Detail parameter.
PARAMETER83	NULL	VARCHAR2 (1800)	Project Detail parameter.
VISIBLE_PARAMETER83	NULL	VARCHAR2 (1800)	Project Detail parameter.
PARAMETER84	NULL	VARCHAR2 (1800)	Project Detail parameter.
VISIBLE_PARAMETER84	NULL	VARCHAR2 (1800)	Project Detail parameter.
PARAMETER85	NULL	VARCHAR2 (1800)	Project Detail parameter.
VISIBLE_PARAMETER85	NULL	VARCHAR2 (1800)	Project Detail parameter.
PARAMETER86	NULL	VARCHAR2 (1800)	Project Detail parameter.
VISIBLE_PARAMETER86	NULL	VARCHAR2 (1800)	Project Detail parameter.

Column Name	Null?	Data Type	Description
PARAMETER87	NULL	VARCHAR2 (1800)	Project Detail parameter.
VISIBLE_PARAMETER87	NULL	VARCHAR2 (1800)	Project Detail parameter.
PARAMETER88	NULL	VARCHAR2 (1800)	Project Detail parameter.
VISIBLE_PARAMETER88	NULL	VARCHAR2 (1800)	Project Detail parameter.
PARAMETER89	NULL	VARCHAR2 (1800)	Project Detail parameter.
VISIBLE_PARAMETER89	NULL	VARCHAR2 (1800)	Project Detail parameter.
PARAMETER90	NULL	VARCHAR2 (1800)	Project Detail parameter.
VISIBLE_PARAMETER90	NULL	VARCHAR2 (1800)	Project Detail parameter.
PARAMETER91	NULL	VARCHAR2 (1800)	Project Detail parameter.
VISIBLE_PARAMETER91	NULL	VARCHAR2 (1800)	Project Detail parameter.
PARAMETER92	NULL	VARCHAR2 (1800)	Project Detail parameter.
VISIBLE_PARAMETER92	NULL	VARCHAR2 (1800)	Project Detail parameter.
PARAMETER93	NULL	VARCHAR2 (1800)	Project Detail parameter.
VISIBLE_PARAMETER93	NULL	VARCHAR2 (1800)	Project Detail parameter.
PARAMETER94	NULL	VARCHAR2 (1800)	Project Detail parameter.
VISIBLE_PARAMETER94	NULL	VARCHAR2 (1800)	Project Detail parameter.
PARAMETER95	NULL	VARCHAR2 (1800)	Project Detail parameter.
VISIBLE_PARAMETER95	NULL	VARCHAR2 (1800)	Project Detail parameter.
PARAMETER96	NULL	VARCHAR2 (1800)	Project Detail parameter.
VISIBLE_PARAMETER96	NULL	VARCHAR2 (1800)	Project Detail parameter.
PARAMETER97	NULL	VARCHAR2 (1800)	Project Detail parameter.
VISIBLE_PARAMETER97	NULL	VARCHAR2 (1800)	Project Detail parameter.
PARAMETER98	NULL	VARCHAR2 (1800)	Project Detail parameter.
VISIBLE_PARAMETER98	NULL	VARCHAR2 (1800)	Project Detail parameter.
PARAMETER99	NULL	VARCHAR2 (1800)	Project Detail parameter.
VISIBLE_PARAMETER99	NULL	VARCHAR2 (1800)	Project Detail parameter.
PARAMETER100	NULL	VARCHAR2 (1800)	Project Detail parameter.
VISIBLE_PARAMETER100	NULL	VARCHAR2 (1800)	Project Detail parameter.

*Indexes*

Index Name	Index Type	Sequence	Column Name
KDRV_BASELINE_DETAILS_N1	NOT UNIQUE	1	BASELINE_PROJECT_ID
KDRV_BASELINE_DETAILS_U1	UNIQUE	1	BASELINE_DETAIL_ID

*Sequences*

Sequence Name	Column Name
KDRV_BASELINE_DETAILS_S	BASELINE_DETAIL_ID

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## KDRV\_BASELINE\_DISP\_COLUMNS

This table contains the list of baseline information columns to be displayed when viewing baseline information for a project.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KDRV_PROJECTS	PROJECT_ID	MASTER_PROJECT_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

### Column Descriptions

Column Name	Null?	Data Type	Description
BASELINE_DISP_COLUMN_ID	NOT NULL	NUMBER	Unique identifier for this record.
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.
MASTER_PROJECT_ID	NOT NULL	NUMBER	Identifier of the master project this baseline column is being configured for.
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Whether the column will be visible for the referenced master project. Valid values are "Y" and "N".
COLUMN_NAME	NOT NULL	VARCHAR2(40)	Name of the baseline column this configuration is controlling.

### Indexes

Index Name	Index Type	Sequence	Column Name
KDRV_BASELINE_DISP_COLUMNS_N1	NOT UNIQUE	1	MASTER_PROJECT_ID
KDRV_BASELINE_DISP_COLUMNS_U1	UNIQUE	1	BASELINE_DISP_COLUMN_ID

### Sequences

Sequence Name	Column Name
KDRV_BASELINE_DISP_COLUMNS_S	BASELINE_DISP_COLUMN_ID

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## KDRV\_BASELINE\_PREDECESSORS

This table contains a list of predecessors defined for this project/task at the time the project baseline was created. This information is copied from the KDRV\_PREDECESSORS table.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KDRV_BASELINE_PROJECTS	BASELINE_PROJECT_ID	BASELINE_PROJECT_ID
KDRV_PROJECTS	PROJECT_ID	PREDECESSOR_PROJECT_ID
KDRV_PROJECTS	PROJECT_ID	PROJECT_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	CREATED_BY

### Column Descriptions

Column Name	Null?	Data Type	Description
BASELINE_PREDECESSOR_ID	NOT NULL	NUMBER	Unique identifier for this record.
BASELINE_PROJECT_ID	NOT NULL	NUMBER	Identifier of the project baseline this was created for.
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 of the project that is the successor.
PREDECESSOR_PROJECT_ID	NOT NULL	NUMBER	Identifier of the project that is the predecessor.

### Indexes

Index Name	Index Type	Sequence	Column Name
KDRV_BASELINE_PREDECESSORS_N1	NOT UNIQUE	1	BASELINE_PROJECT_ID
KDRV_BASELINE_PREDECESSORS_U1	UNIQUE	1	BASELINE_PREDECESSOR_ID

### Sequences

Sequence Name	Column Name
KDRV_BASELINE_PREDECESSORS_S	BASELINE_PREDECESSOR_ID

## KDRV\_BASELINE\_PROJECTS

This table contains all the header information of a baselined projects and tasks. The information in this table is copied from the KDRV\_PROJECTS table at the time a baseline is created.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_STATUSES	STATUS_ID	AUTO_UPDATE_STATUS_ID
KCST_CURRENCY_LINES	CURRENCY_LINE_ID	CURRENCY_LINE_ID
KDRV_BASELINES	BASELINE_ID	BASELINE_ID
KDRV_PROJECTS	PROJECT_ID	MASTER_PROJECT_ID
KDRV_PROJECTS	PROJECT_ID	PARENT_PROJECT_ID
KDRV_PROJECTS	PROJECT_ID	PROJECT_ID
KDRV_PROJECT_TEMPLATES	PROJECT_TEMPLATE_ID	PROJECT_TEMPLATE_ID
KDRV_STATES	STATE_ID	STATE_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
KRSC_SKILLS	SKILL_ID	SKILL_ID
KTMG_ACTIVITIES	ACTIVITY_ID	ACTIVITY_ID

### Column Descriptions

Column Name	Null?	Data Type	Description
BASELINE_PROJECT_ID	NOT NULL	NUMBER	Unique identifier for this baseline project record.
BASELINE_ID	NOT NULL	NUMBER	Identifier of the baseline this project information is associated with.
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 of the project that this baseline information was created for.
PROJECT_NAME	NOT NULL	VARCHAR2(300)	Name of the project.
PROJECT_TYPE_CODE	NOT NULL	VARCHAR2(30)	Indicates whether this row corresponds to a project or task. Projects will have the value "PROJECT" and tasks will have the value "TASK".
TEMPLATE_FLAG	NOT NULL	VARCHAR2(1)	Y or N flag. If 'Y' it means that the record is part of project template and 'N' means the record is part of a project.
PROJECT_TEMPLATE_ID	NULL	NUMBER	Identifier that denotes what template was used for creating this project.
DESCRIPTION	NULL	VARCHAR2(300)	Short description of the selected project.
STATE_ID	NOT NULL	NUMBER	State identifier for the project.
DEPARTMENT_CODE	NULL	VARCHAR2(30)	Lookup code for 'DEPT'.
CONFIDENCE_CODE	NULL	VARCHAR2(30)	Lookup code for 'DRV_CONFIDENCE'.
PRIORITY	NULL	NUMBER	Numeric value between 1 and 999

Column Name	Null?	Data Type	Description
SCHEDULED_START_DATE	NOT NULL	DATE	that specifies the priority of a project. A higher value indicates a higher priority. Scheduled start date of this project/task.
SCHEDULED_FINISH_DATE	NOT NULL	DATE	Scheduled finish date of this project/task.
SCHEDULED_EFFORT	NOT NULL	NUMBER	Total scheduled effort for this project/task.
SCHEDULED_DURATION	NOT NULL	NUMBER	Scheduled duration of this project/task.
ACTUAL_START_DATE	NULL	DATE	The date work on this project/task was actually started.
ACTUAL_FINISH_DATE	NULL	DATE	The date work on this project/task was actually completed.
ACTUAL_EFFORT	NULL	NUMBER	The total effort actually spent on this project/task.
ACTUAL_DURATION	NULL	NUMBER	The total actual duration from start to finish of this project/task.
PERCENT_COMPLETE	NULL	NUMBER	Percentage of this project/task that has been completed.
ESTIMATED_FINISH_DATE	NULL	DATE	Date this project/task is estimated to be completed.
ESTIMATED_REMAINING_DURATION	NULL	NUMBER	Amount of duration estimated to remain for this project/task.
ESTIMATED_REMAINING_EFFORT	NULL	NUMBER	Amount of effort estimated to remain for this project/task.
SCHEDULING_CONSTRAINT_CODE	NOT NULL	VARCHAR2(30)	Lookup for "DRV_SCHEDULING_CONSTRAINTS". Defines the type of scheduling constraint created for this project/task.
SCHEDULING_CONSTRAINT_DATE	NULL	DATE	Date associated with the defined scheduling constraint.
RESOURCE_USER_ID_LIST	NULL	VARCHAR2(2000)	A KNTA_MULTI.Multi_Delimiter separated list of user identifiers assigned to the project/task.
RESOURCE_GROUP_ID_LIST	NULL	VARCHAR2(2000)	A KNTA_MULTI.Multi_Delimiter separated list of security group identifiers assigned to the project/task.
PREDECESSOR_PROJECT_ID_LIST	NULL	VARCHAR2(2000)	A KNTA_MULTI.Multi_Delimiter separated list of project identifiers that precedes this project or task.
PROJECT_PATH_ID_LIST	NOT NULL	VARCHAR2(600)	A KNTA_MULTI.Multi_Delimiter separated list of parent project identifiers in the order of project hierarchy.
PARENT_PROJECT_ID	NOT NULL	NUMBER	Identifier of the parent project.
MASTER_PROJECT_ID	NOT NULL	NUMBER	Identifier of the master project.
SEQUENCE_NUMBER	NOT NULL	NUMBER	Sequence of this project/task within its parent project.
REQUIRES_RESCHEDULE_FLAG	NOT NULL	VARCHAR2(1)	"Y" or "N" value indicating whether a change made in this project requires it to be rescheduled.
HAS_NOTIFICATIONS_FLAG	NOT NULL	VARCHAR2(1)	"Y" or "N" value indicating whether there are notifications defined for this task.
HAS_CUSTOM_FIELDS_FLAG	NOT NULL	VARCHAR2(1)	"Y" or "N" value indicating whether custom fields are associated with this project.
UPDATED_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether or not the notes of this project/task have been

Column Name	Null?	Data Type	Description
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	updated. This value is used by the audit triggers. For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.
USER_DATA_SET_CONTEXT_ID	NULL	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA1	NULL	VARCHAR2(250)	User data segment
USER_DATA2	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA2	NULL	VARCHAR2(250)	User data segment
USER_DATA3	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA3	NULL	VARCHAR2(250)	User data segment
USER_DATA4	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA4	NULL	VARCHAR2(250)	User data segment
USER_DATA5	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA5	NULL	VARCHAR2(250)	User data segment
USER_DATA6	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA6	NULL	VARCHAR2(250)	User data segment
USER_DATA7	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA7	NULL	VARCHAR2(250)	User data segment
USER_DATA8	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA8	NULL	VARCHAR2(250)	User data segment
USER_DATA9	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA9	NULL	VARCHAR2(250)	User data segment
USER_DATA10	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA10	NULL	VARCHAR2(250)	User data segment
USER_DATA11	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA11	NULL	VARCHAR2(250)	User data segment
USER_DATA12	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA12	NULL	VARCHAR2(250)	User data segment
USER_DATA13	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA13	NULL	VARCHAR2(250)	User data segment
USER_DATA14	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA14	NULL	VARCHAR2(250)	User data segment
USER_DATA15	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA15	NULL	VARCHAR2(250)	User data segment
USER_DATA16	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA16	NULL	VARCHAR2(250)	User data segment
USER_DATA17	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA17	NULL	VARCHAR2(250)	User data segment
USER_DATA18	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA18	NULL	VARCHAR2(250)	User data segment
USER_DATA19	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA19	NULL	VARCHAR2(250)	User data segment
USER_DATA20	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA20	NULL	VARCHAR2(250)	User data segment
SYNCH_TASK_ID	NULL	NUMBER	For records that are part of a project which is synchronized with



Column Name	Null?	Data Type	Description
AUTO_UPDATE_STATUS_ID	NULL	NUMBER	an external system (such as Microsoft Project), stores the ID of the matching record in that system.
VISIBLE_STATE_NAME	NULL	VARCHAR2(100)	Identifier for Request status when a task is auto-updated by one Request. The state displayed for a project which includes any pending entity information for product integration.
MILESTONE_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether or not this task is defined as a milestone. A value of "Y" indicates this is a milestone while a value of "N" indicates it is not.
MANUALLY_SET_MILESTONE_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether this task has been manually converted between a task and milestone or not. If a manual change has occurred, this value will be "Y" and this task will no longer be converted to a milestone by scheduled duration changes, otherwise the value will be "N".
AUTOMATIC_COMPLETION_FLAG	NOT NULL	VARCHAR2(1)	Determines whether this task should automatically complete when all blocking predecessors have completed. Valid values are "Y" and "N".
REQUIRED_BY_TEMPLATE_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether this task is marked in the template as a required milestone. If required, this value will be "Y" and the project manager will be unable to remove it from the project, it will have a value of "N" otherwise.
SUMMARY_CONDITION	NULL	VARCHAR2(30)	Health of the project at the time the baseline was taken. Valid values are "RED", "YELLOW" and "GREEN".
HAS_EXCEPTIONS_FLAG	NULL	VARCHAR2(1)	"Y" or "N" value indicating whether there are exceptions on this task.
HAS_CONSTRAINT_FLAG	NULL	VARCHAR2(1)	"Y" or "N" value indicating whether there are constraints on this task.
IS_ON_CRITICAL_PATH_FLAG	NULL	VARCHAR2(1)	"Y" or "N" value indicating whether this task is on the master project critical path.
AUTO_UPDATE_STATUS_NAME	NULL	VARCHAR2(80)	The state name displayed for a project which includes any pending entity information for product integration, denormalized at the time of baseline creation.
MASTER_PROJECT_NAME	NULL	VARCHAR2(80)	Name of the master project at the time the baseline was created.
CREATED_FROM_TEMPLATE_FLAG	NULL	VARCHAR2(1)	"Y" or "N" value indicating whether this project was created from a project template.
STATE_NAME	NULL	VARCHAR2(2000)	State name corresponding to the state id denormalized at the time the baseline was created.
SCHEDULED_EFFORT_LIST	NULL	VARCHAR2(2000)	Delimited list of effort in hours corresponding to the delimited list of users found in the RESOURCE_USER_ID_LIST column.
DEPARTMENT_NAME	NULL	VARCHAR2(4000)	Department visible value denormalized at the time the project baseline was taken.

Column Name	Null?	Data Type	Description
RESOURCE_NAME_LIST	NULL	VARCHAR2(4000)	User names of resources assigned with this project, denormalized at the time the project baseline was taken.
RESOURCE_FULL_NAME_LIST	NULL	VARCHAR2(4000)	Full names of resources assigned with this project, denormalized at the time the project baseline was taken.
RESOURCE_GROUP_NAME_LIST	NULL	VARCHAR2(4000)	Security group names of resources assigned with this project, denormalized at the time the project baseline was taken.
PROJECT_PATH_NAME_LIST	NULL	VARCHAR2(4000)	Project path name list, denormalized at the time the project baseline was taken.
RESOURCE_EMAIL_ADDRESS_LIST	NULL	VARCHAR2(4000)	Email addresses of resources assigned with this project, denormalized at the time the project baseline was taken.
ACTIVITY_ID	NULL	NUMBER	Activity identifier for the project.
ACTIVITY_NAME	NULL	VARCHAR2(80)	Activity name corresponding to the state id denormalized at the time the baseline was
CAPEX_OPEX_CODE	NOT NULL	VARCHAR2(10)	Identifier for the capital/operating cost type
OVERRIDE_ACTIVITY_FLAG	NOT NULL	VARCHAR2(1)	"Y" or "N" value indicating whether the activity was entered by user or inherited from parent project.
CURRENCY_LINE_ID	NULL	NUMBER	Identifier for the project baseline cost information. Foreign key to kcst_currency_lines table.
SKILL_ID	NULL	NUMBER	Identifier of the Skill in KRSC_SKILLS that is the desired Skill on a Task
SKILL_NAME	NULL	VARCHAR2(4000)	The name of the Skill that corresponds to SKILL_ID

#### Indexes

Index Name	Index Type	Sequence	Column Name
KDRV_BASELINE_PROJECTS_N1	NOT UNIQUE	1	BASELINE_ID
KDRV_BASELINE_PROJECTS_N3	NOT UNIQUE	1	PROJECT_ID
KDRV_BASELINE_PROJECTS_U1	UNIQUE	1	BASELINE_PROJECT_ID
KDRV_BASELINE_PROJECTS_U2	NOT UNIQUE	1	CURRENCY_LINE_ID

#### Sequences

Sequence Name	Column Name
KDRV_BASELINE_PROJECTS_S	BASELINE_PROJECT_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	NULL	VARCHAR2(100)	Name of the calendar
PARENT_CALENDAR_ID	NOT NULL	NUMBER	The ID of this calendar's parent, from which exceptions will be inherited.
CALENDAR_TYPE_CODE	NOT NULL	VARCHAR2(30)	The type of this calendar. Can be RESOURCE_CALENDAR, REGIONAL_CALENDAR, or HOLIDAY_CALENDAR
DEFAULT_CALENDAR_FLAG	NOT NULL	VARCHAR2(1)	Flag to indicate if this calendar is the system default
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flag to indicate if this calendar is enabled

### Indexes

Index Name	Index Type	Sequence	Column Name
KDRV_CALENDARS_N1	NOT UNIQUE	1	PARENT_CALENDAR_ID
KDRV_CALENDAR_U1	UNIQUE	1	CALENDAR_ID
KDRV_CALENDAR_U2	UNIQUE	1	CALENDAR_NAME

### Sequences

Sequence Name	Column Name
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
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_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	NULL	VARCHAR2(30)	Reason for this event
DESCRIPTION	NULL	VARCHAR2(200)	Description of the event
WORKING_DAY_FLAG	NOT NULL	VARCHAR2(1)	Y or N flag to indicate whether the day is ON or OFF
CALENDAR_ID	NOT NULL	NUMBER	Identifier of the calendar that uses this exception

### Indexes

Index Name	Index Type	Sequence	Column Name
KDRV_CALENDAR_EXCEPTION_U1	UNIQUE	1	CALENDAR_EXCEPTION_ID
KDRV_CALENDAR_EXCEPTION_U2	NOT UNIQUE	1	CALENDAR_ID

### Sequences

Sequence Name	Column Name
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(1)	Flag to indicate if Sunday is a working day by default
MONDAY_FLAG	NOT NULL	VARCHAR2(1)	Flag to indicate if Monday is a working day by default
TUESDAY_FLAG	NOT NULL	VARCHAR2(1)	Flag to indicate if Tuesday is a working day by default
WEDNESDAY_FLAG	NOT NULL	VARCHAR2(1)	Flag to indicate if Wednesday is a working day by default
THURSDAY_FLAG	NOT NULL	VARCHAR2(1)	Flag to indicate if Thursday is a working day by default
FRIDAY_FLAG	NOT NULL	VARCHAR2(1)	Flag to indicate if Friday is a working day by default
SATURDAY_FLAG	NOT NULL	VARCHAR2(1)	Flag to indicate if Saturday is a working day by default
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	Column Name
KDRV_CALENDAR_SETUPS_S	CALENDAR_SETUP_ID

## KDRV\_COLUMN\_OPTIONS

This table stored custom view configuration information for the project plan panel in the applet. Both column order and column width are saved per user per master project.

### Foreign Keys

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

### Column Descriptions

Column Name	Null?	Data Type	Description
COLUMN_OPTION_ID	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 customized the project view
PROJECT_ID	NOT NULL	NUMBER	Identifier of the master project for which this column was configured
OPTIONS_CODE	NULL	VARCHAR2(16)	Either "ORDER" to configure the column order, or "WIDTH" to configure the pixel width of the column.
SEQ	NULL	NUMBER	Option value for the Sequence column.
EXCEPTION_SUMMARY_CONDITION	NULL	NUMBER	Option value for the Exception/Summary Condition column.
SCHEDULE_INDICATOR	NULL	NUMBER	Option value for the Scheduling Indicator column.
CUSTOM_FIELDS_INDICATOR	NULL	NUMBER	Option value for the Custom Fields Indicator column.
NOTIFICATION_INDICATOR	NULL	NUMBER	Option value for the Notification Indicator column.
SCHEDULING_CONSTRAINT	NULL	NUMBER	Option value for the Scheduling Constraint Indicator column.
PROJECT_NAME	NULL	NUMBER	Option value for the Project Name column.
PROJECT_STATE	NULL	NUMBER	Option value for the Project State column.
SCHED_DURATION	NULL	NUMBER	Option value for the Scheduled Duration column.
SCHED Effort	NULL	NUMBER	Option value for the Scheduled Effort column.
SCHED_START_DATE	NULL	NUMBER	Option value for the Scheduled Start Date column.
SCHED_FINISH_DATE	NULL	NUMBER	Option value for the Scheduled Finish Date column.
PREDECESSOR	NULL	NUMBER	Option value for the Predecessor column.
RESOURCE_PROJ_MANAGER	NULL	NUMBER	Option value for the Project Manager column.
RESOURCE_GROUP	NULL	NUMBER	Option value for the Resource Group column.

Column Name	Null?	Data Type	Description
LAST_UPDATE_DATE_OPTS	NULL	NUMBER	Option value for the Last Update Date column.
PERCENT_COMPLETE	NULL	NUMBER	Option value for the Percent Complete column.
CONFIDENCE	NULL	NUMBER	Option value for the Confidence column.
EST_REMAINING_DURATION	NULL	NUMBER	Option value for the Estimated Remaining Duration column.
EST_REMAINING_EFFORT	NULL	NUMBER	Option value for the Estimated Remaining Effort column.
EST_FINISH_DATE	NULL	NUMBER	Option value for the Estimated Finish Date column.
ACTUAL_DURATION	NULL	NUMBER	Option value for the Actual Duration column.
ACTUAL_EFFORT	NULL	NUMBER	Option value for the Actual Effort column.
ACTUAL_START_DATE	NULL	NUMBER	Option value for the Actual Start Date column.
ACTUAL_FINISH_DATE	NULL	NUMBER	Option value for the Actual Finish Date column.
DEPARTMENT	NULL	NUMBER	Option value for the Department column.
PRIORITY	NULL	NUMBER	Option value for the Priority column.
DESCRIPTION	NULL	NUMBER	Option value for the Description column.
PROJECT_ID_OPTS	NULL	NUMBER	Option value for the Project ID column.
COST_HEALTH	NULL	NUMBER	Option value for the Cost Health column.
PLANNED_COST_L	NULL	NUMBER	Option value for the Planned Labor Cost column.
PLANNED_COST_NL	NULL	NUMBER	Option value for the Planned Non-Labor Cost column.
PLANNED_COST_TOTAL	NULL	NUMBER	Option value for the Planned Total Cost column.
ACTUAL_COST_L	NULL	NUMBER	Option value for the Actual Labor Cost column.
ACTUAL_COST_NL	NULL	NUMBER	Option value for the Actual Non-Labor Cost column.
ACTUAL_COST_TOTAL	NULL	NUMBER	Option value for the Actual Total Cost column.
PLANNED_VALUE	NULL	NUMBER	Option value for the Planned Value column.
EARNED_VALUE	NULL	NUMBER	Option value for the Earned Value column.
COST_VARIANCE	NULL	NUMBER	Option value for the Cost Variance column.
SCHEDULE_VARIANCE	NULL	NUMBER	Option value for the Schedule Variance column.
COST_PERF_INDEX	NULL	NUMBER	Option value for the Cost Performance Index (CPI) column.
SCHED_PERF_INDEX	NULL	NUMBER	Option value for the Schedule Performance Index (SPI) column.
BASLINE_DEPARTMENT	NULL	NUMBER	Option value for the Baselined Department column.
BASLINE_DESCRIPTION	NULL	NUMBER	Option value for the Baselined Description column.
BASLINE_PLANNED_COST_TOTAL	NULL	NUMBER	Option value for the Baselined Planned Total Cost column.
BASLINE_PLANNED_COST_L	NULL	NUMBER	Option value for the Baselined Planned Labor Cost column.
BASLINE_PLANNED_COST_NL	NULL	NUMBER	Option value for the Baselined Planned Non-Labor Cost column.
BASLINE_PREDECESSOR	NULL	NUMBER	Option value for the Baselined Predecessor column.

Column Name	Null?	Data Type	Description
BASELINE_PRIORITY	NULL	NUMBER	Option value for the Baselined Priority column.
BASELINE_RESOURCE_PROJ_MANAGER	NULL	NUMBER	Option value for the Baselined Resource/Project Manager column.
BASELINE_RESOURCE_GROUP	NULL	NUMBER	Option value for the Baselined Resource Group column.
BASELINE_SCHED_DURATION	NULL	NUMBER	Option value for the Baselined Scheduled Duration column.
BASELINE_SCHED_EFFORT	NULL	NUMBER	Option value for the Baselined Effort column.
BASELINE_SCHED_START_DATE	NULL	NUMBER	Option value for the Baselined Start Date column.
BASELINE_SCHED_FINISH_DATE	NULL	NUMBER	Option value for the Baselined Finish Date column.
BASELINE_EXC_SUMMARY_CONDITION	NULL	NUMBER	Option value for the Baselined Exception/Summary Condition column.
ACTIVITY	NULL	NUMBER	Option value for the Activity column.
BASELINE_ACTIVITY	NULL	NUMBER	Option value for the Baselined Activity column.
PLAN_CAPITAL	NULL	NUMBER	Option value for the Planned Capital Total column.
PLAN_OPERATING	NULL	NUMBER	Option value for the Planned Operating Total column.
CAP_INDICATOR	NULL	NUMBER	Option value for the Capital Cost Indicator column.
BASELINE_PLAN_CAPEX_TOTAL_LCL	NULL	NUMBER	Option value for the Baseline Planned Capital Total column.
BASELINE_PLAN_OPEX_TOTAL_LCL	NULL	NUMBER	Option value for the Baseline Planned Operating Total column.
SKILL_ID	NULL	NUMBER	Option value for the Skill column.
BASELINE_SKILL_ID	NULL	NUMBER	Option value for the Baselined Skill column.

#### Indexes

Index Name	Index Type	Sequence	Column Name
KDRV_COLUMN_OPTIONS_N1	NOT UNIQUE	1	USER_ID
KDRV_COLUMN_OPTIONS_N1	NOT UNIQUE	2	PROJECT_ID
KDRV_COLUMN_OPTIONS_U1	UNIQUE	1	COLUMN_OPTION_ID

#### Sequences

Sequence Name	Column Name
KDRV_COLUMN_OPTIONS_S	COLUMN_OPTION_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
KCST_CURRENCIES	CURRENCY_ID	LOCAL_CURRENCY_ID
KDRV_PROJECTS	PROJECT_ID	PROJECT_ID
KNTA_PERIODS	PERIOD_ID	PERIOD_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

### 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	NULL	NUMBER	Planned cost value in local currency
PLANNED_VALUE_BSE	NULL	NUMBER	Planned cost value in base currency
EARNED_VALUE_LCL	NULL	NUMBER	Earned value in local currency
EARNED_VALUE_BSE	NULL	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	Column Name
KDRV_COST_METRICS_BY_PERIOD_S	COST_METRICS_BY_PERIOD_ID

## KDRV\_CRITICAL\_PATH\_TASKS

The KDRV\_CRITICAL\_PATH\_TASKS table contains tasks that are a part of their master project's critical path. These tasks get populated when the master project is scheduled, or the user has chosen to calculate the critical path of the project from the Drive menus. One row will exist for every task on a master project critical path.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KDRV_PROJECTS	PROJECT_ID	TASK_ID
KDRV_PROJECTS	PROJECT_ID	MASTER_PROJECT_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

### Column Descriptions

Column Name	Null?	Data Type	Description
CRITICAL_PATH_TASK_ID	NOT NULL	NUMBER	Unique identifier for this critical path task
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
MASTER_PROJECT_ID	NOT NULL	NUMBER	Identifier of the master project of which this task is part of the critical path for.
TASK_ID	NOT NULL	NUMBER	Identifier of the task on the critical path.

### Indexes

Index Name	Index Type	Sequence	Column Name
KDRV_CRITICAL_PATH_TASKS_N1	NOT UNIQUE	1	MASTER_PROJECT_ID
KDRV_CRITICAL_PATH_TASKS_N2	NOT UNIQUE	1	TASK_ID
KDRV_CRITICAL_PATH_TASKS_U1	UNIQUE	1	CRITICAL_PATH_TASK_ID

### Sequences

Sequence Name	Column Name
KDRV_CRITICAL_PATH_TASKS_S	CRITICAL_PATH_TASK_ID

## KDRV\_GANTT\_OPTIONS

The KDRV\_GANTT\_OPTIONS table stores the configuration of the Gantt display options, the print wizard, and the image export wizard. The settings are kept per user per master project.

### Foreign Keys

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

### Column Descriptions

Column Name	Null?	Data Type	Description
GANTT_OPTION_ID	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.
GANTT_OPTION_NAME	NOT NULL	VARCHAR2(80)	Code to identify which option this value is defined for.
GANTT_OPTION_HIDDEN_VALUE	NULL	VARCHAR2(2000)	The hidden value code for this display option.
GANTT_OPTION_VISIBLE_VALUE	NULL	VARCHAR2(2000)	The visible value for this display option.
GANTT_OPTION_TYPE_CODE	NOT NULL	VARCHAR2(80)	Defines the set of options this value applies to. The current sets are "DISPLAY" to control the Gantt chart display, "EXPORT" to store the last used image export settings, and "PRINT" for the last used project printing configuration.
USER_ID	NOT NULL	NUMBER	Identifier of the user that configured these Gantt options.
PROJECT_ID	NOT NULL	NUMBER	Identifier of the master project for which these options were configured. This value must be a master project identifier.

### Indexes

Index Name	Index Type	Sequence	Column Name
KDRV_GANTT_OPTIONS_N1	NOT UNIQUE	1	USER_ID
KDRV_GANTT_OPTIONS_N1	NOT UNIQUE	2	PROJECT_ID
KDRV_GANTT_OPTIONS_N1	NOT UNIQUE	3	GANTT_OPTION_TYPE_CODE
KDRV_GANTT_OPTIONS_U1	UNIQUE	1	GANTT_OPTION_ID

*Sequences*

Sequence Name

Column Name

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KDRV\_GANTT\_OPTIONS\_S

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GANTT\_OPTION\_ID

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## KDRV\_PENDING\_PROJECT\_CHANGES

This table contains a list of projects and tasks which require an update once the project/task row in KDRV\_PROJECTS is unlocked. Two types of pending updates can be scheduled in this table, "DEPENDENT" updates for successors of changed projects/tasks that could not be locked at the time of change, and "PARENT" for parents that could not be locked for rolled up project information changes.

### Foreign Keys

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

### Column Descriptions

Column Name	Null?	Data Type	Description
PENDING_PROJECT_CHANGE_ID	NOT NULL	NUMBER	Unique identifier for this pending project change
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 of the project/task that requires an update once the lock is available.
CHANGE_TYPE_CODE	NOT NULL	VARCHAR2(30)	Either "DEPENDENT" or "PARENT". Indicates the type of calculations that need to occur for this project/task.
ATTEMPTS	NULL	NUMBER	The number of attempts that have been made to lock and change this project/task by the pending project change service. This number is not used for anything, and is purely informational.

### Indexes

Index Name	Index Type	Sequence	Column Name
KDRV_PENDING_PROJ_CHANGES_U1	UNIQUE	1	PENDING_PROJECT_CHANGE_ID

### Sequences

Sequence Name	Column Name
KDRV_PENDING_PROJECT_CHANGES_S	PENDING_PROJECT_CHANGE_ID

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## KDRV\_PREDECESSORS

This table has all the predecessors associated with a project or task. This table is mainly used by reports and the scheduling engine. It is automatically maintained by the `kdrv_projects_t1` trigger.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KDRV_PROJECTS	PROJECT_ID	PROJECT_ID
KDRV_PROJECTS	PROJECT_ID	PREDECESSOR_PROJECT_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

### Column Descriptions

Column Name	Null?	Data Type	Description
PREDECESSOR_ID	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	The ID of a corresponding row in KDRV_PROJECTS table
PREDECESSOR_PROJECT_ID	NOT NULL	NUMBER	The predecessor ID of a corresponding row in KDRV_PROJECTS table

### Indexes

Index Name	Index Type	Sequence	Column Name
KDRV_PREDECESSORS_N1	NOT UNIQUE	1	PREDECESSOR_PROJECT_ID
KDRV_PREDECESSORS_U1	UNIQUE	1	PREDECESSOR_ID
KDRV_PREDECESSORS_U2	UNIQUE	1	PROJECT_ID
KDRV_PREDECESSORS_U2	UNIQUE	2	PREDECESSOR_PROJECT_ID

### Sequences

Sequence Name	Column Name
KDRV_PREDECESSORS_S	PREDECESSOR_ID

# KDRV\_PRJ\_ROLLUP\_BREAKDOWN

The table to store the breakdown values of projects/timesheets for budget and staffing profile rollup. The actuals can either come from the project entries or the timesheet entries depending on the project setting. The table is used internally to store the breakdown values created by the rollup breakdown services or the force rollup functionality.

## Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KDRV_PROJECTS	MASTER_PROJECT_ID	MASTER_PROJECT_ID
KDRV_PROJECTS	PROJECT_ID	PROJECT_ID
KNTA_PERIODS	PERIOD_ID	PERIOD_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	RESOURCE_ID
KRSC_SKILLS	SKILL_ID	SKILL_ID

## Column Descriptions

Column Name	Null?	Data Type	Description
PRJ_ROLLUP_BREAKDOWN_ID	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
BASELINE_FLAG	NOT NULL	VARCHAR2(1)	Indicate if this record is a breakdown for baseline values in the project.
PROJECT_ID	NOT NULL	NUMBER	The project id for the project/task that is being broken down.
MASTER_PROJECT_ID	NOT NULL	NUMBER	The master project id the project/task belongs to.
PERIOD_ID	NOT NULL	NUMBER	The period this breakdown value belongs to.
RESOURCE_ID	NULL	NUMBER	The resource for this breakdown value.
SKILL_ID	NULL	NUMBER	The skill for this breakdown value.
SCHEDULED_EFFORT	NULL	NUMBER	The scheduled effort broken for this resource in this period.
ACTUAL_EFFORT	NULL	NUMBER	The actual effort broken for this resource in this period.

## Indexes

Index Name	Index Type	Sequence	Column Name
KDRV_PRJ_ROLLUP_BREAKDOWN_N1	NOT UNIQUE	1	PERIOD_ID
KDRV_PRJ_ROLLUP_BREAKDOWN_N2	NOT UNIQUE	1	PROJECT_ID
KDRV_PRJ_ROLLUP_BREAKDOWN_N3	NOT UNIQUE	1	RESOURCE_ID
KDRV_PRJ_ROLLUP_BREAKDOWN_N4	NOT UNIQUE	1	SKILL_ID
KDRV_PRJ_ROLLUP_BREAKDOWN_N5	NOT UNIQUE	1	MASTER_PROJECT_ID
KDRV_PRJ_ROLLUP_BREAKDOWN_U1	UNIQUE	1	PRJ_ROLLUP_BREAKDOWN_ID

*Sequences*

Sequence Name

Column Name

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KDRV\_PRJ\_ROLLUP\_BREAKDOWN\_S

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PRJ\_ROLLUP\_BREAKDOWN\_ID



# KDRV\_PROJECTS

This table contains all the header information of a Project or task defined in Drive.

## Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCST_CURRENCY_LINES	CURRENCY_LINE_ID	CURRENCY_LINE_ID
KDRV_PROJECTS	PROJECT_ID	MASTER_PROJECT_ID
KDRV_PROJECTS	PROJECT_ID	PARENT_PROJECT_ID
KDRV_PROJECT_TEMPLATES	PROJECT_TEMPLATE_ID	PROJECT_TEMPLATE_ID
KDRV_STATES	STATE_ID	STATE_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
KRSC_SKILLS	SKILL_ID	SKILL_ID
KTMG_ACTIVITIES	ACTIVITY_ID	ACTIVITY_ID

## Column Descriptions

Column Name	Null?	Data Type	Description
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.
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated.
PROJECT_NAME	NOT NULL	VARCHAR2(300)	Name of the Project.
PROJECT_TYPE_CODE	NOT NULL	VARCHAR2(30)	Identifier for Project type. Value will be 'PROJECT' for projects and 'TASK' for tasks.
TEMPLATE_FLAG	NOT NULL	VARCHAR2(1)	Y or N flag. If 'Y' it means that the record is part of project template and 'N' means the record is part of a project.
PROJECT_TEMPLATE_ID	NULL	NUMBER	Identifier that denotes what template was used for creating this project
DESCRIPTION	NULL	VARCHAR2(300)	Short description of the selected project.
STATE_ID	NOT NULL	NUMBER	State identifier for the project
DEPARTMENT_CODE	NULL	VARCHAR2(30)	Lookup code for 'DEPT'.
CONFIDENCE_CODE	NULL	VARCHAR2(30)	Lookup code for 'DRV_CONFIDENCE'
PRIORITY	NULL	NUMBER	Numeric value that specifies the priority of the project. A higher number indicates a higher priority.
SCHEDULED_START_DATE	NOT NULL	DATE	Scheduled start date of the project
SCHEDULED_FINISH_DATE	NOT NULL	DATE	Scheduled finish date of the project
SCHEDULED_EFFORT	NOT NULL	NUMBER	Scheduled effort for the project
SCHEDULED_DURATION	NOT NULL	NUMBER	Scheduled duration of the project
ACTUAL_START_DATE	NULL	DATE	Actual start start date of the project
ACTUAL_FINISH_DATE	NULL	DATE	Actual finish date of the project
ACTUAL_EFFORT	NULL	NUMBER	Actual effort for the project
ACTUAL_DURATION	NULL	NUMBER	Actual duration of the project

Column Name	Null?	Data Type	Description
PERCENT_COMPLETE	NULL	NUMBER	Percentage complete
ESTIMATED_FINISH_DATE	NULL	DATE	Estimated finish date of the project
ESTIMATED_REMAINING_DURATION	NULL	NUMBER	Estimated remaining duration of the project
ESTIMATED_REMAINING_EFFORT	NULL	NUMBER	Estimated remaining effort for the project
SCHEDULING_CONSTRAINT_CODE	NOT NULL	VARCHAR2(30)	Lookup code for 'DRV_SCHEDULING_CONSTRAINTS'
SCHEDULING_CONSTRAINT_DATE	NULL	DATE	Scheduling constraint date
RESOURCE_USER_ID_LIST	NULL	VARCHAR2(2000)	A KNTA_MULTI.Multi_Delimiter separated list of resource identifiers assigned to the project or task.
RESOURCE_GROUP_ID_LIST	NULL	VARCHAR2(2000)	A KNTA_MULTI.Multi_Delimiter separated list of security group identifiers assigned to the project or task.
PREDECESSOR_PROJECT_ID_LIST	NULL	VARCHAR2(4000)	A KNTA_MULTI.Multi_Delimiter separated list of project identifiers that precedes this project or task.
PROJECT_PATH_ID_LIST	NOT NULL	VARCHAR2(600)	A KNTA_MULTI.Multi_Delimiter separated list of parent project identifiers in the order of project hierarchy.
PARENT_PROJECT_ID	NOT NULL	NUMBER	Identifier for the parent project.
MASTER_PROJECT_ID	NOT NULL	NUMBER	Identifier for the master project
SEQUENCE_NUMBER	NOT NULL	NUMBER	Sort order in which project appears in its immediate parent project
REQUIRES_RESCHEDULE_FLAG	NOT NULL	VARCHAR2(1)	Y or N indicator flag that denote requirement for rescheduling
HAS_NOTIFICATIONS_FLAG	NOT NULL	VARCHAR2(1)	Y or N indicator flag for notifications
HAS_CUSTOM_FIELDS_FLAG	NOT NULL	VARCHAR2(1)	Y or N indicator flag for custom fields
UPDATED_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether or not the notes this record has been updated, this column is used by audit triggers.
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.
USER_DATA_SET_CONTEXT_ID	NULL	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA1	NULL	VARCHAR2(250)	User data segment
USER_DATA2	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA2	NULL	VARCHAR2(250)	User data segment
USER_DATA3	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA3	NULL	VARCHAR2(250)	User data segment
USER_DATA4	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA4	NULL	VARCHAR2(250)	User data segment
USER_DATA5	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA5	NULL	VARCHAR2(250)	User data segment
USER_DATA6	NULL	VARCHAR2(250)	User data segment

Column Name	Null?	Data Type	Description
VISIBLE_USER_DATA6	NULL	VARCHAR2 (250)	User data segment
USER_DATA7	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA7	NULL	VARCHAR2 (250)	User data segment
USER_DATA8	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA8	NULL	VARCHAR2 (250)	User data segment
USER_DATA9	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA9	NULL	VARCHAR2 (250)	User data segment
USER_DATA10	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA10	NULL	VARCHAR2 (250)	User data segment
USER_DATA11	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA11	NULL	VARCHAR2 (250)	User data segment
USER_DATA12	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA12	NULL	VARCHAR2 (250)	User data segment
USER_DATA13	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA13	NULL	VARCHAR2 (250)	User data segment
USER_DATA14	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA14	NULL	VARCHAR2 (250)	User data segment
USER_DATA15	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA15	NULL	VARCHAR2 (250)	User data segment
USER_DATA16	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA16	NULL	VARCHAR2 (250)	User data segment
USER_DATA17	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA17	NULL	VARCHAR2 (250)	User data segment
USER_DATA18	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA18	NULL	VARCHAR2 (250)	User data segment
USER_DATA19	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA19	NULL	VARCHAR2 (250)	User data segment
USER_DATA20	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA20	NULL	VARCHAR2 (250)	User data segment
SYNCH_TASK_ID	NULL	NUMBER	For records that are part of a project which is synchronized with an external system (such as Microsoft Project), stores the ID of the matching record in that system.
AUTO_UPDATE_STATUS_ID	NULL	NUMBER	Identifer for Request status when a task is auto-updated by one Request
VISIBLE_STATE_NAME	NULL	VARCHAR2 (100)	The state displayed for a project which includes any pending entity information for product integration
MILESTONE_FLAG	NOT NULL	VARCHAR2 (1)	Indicates whether or not this task is defined as a milestone. A value of "Y" indicates this is a milestone while a value of "N" indicates it is not.
MANUALLY_SET_MILESTONE_FLAG	NOT NULL	VARCHAR2 (1)	Indicates whether this task has been manually converted between a task and milestone or not. If a manual change has occurred, this value will be "Y" and this task will no longer be converted to a milestone by scheduled duration changes, otherwise the value will be "N".
AUTOMATIC_COMPLETION_FLAG	NOT NULL	VARCHAR2 (1)	Determines whether this task should automatically complete when all blocking predecessors have completed. Valid values are "Y"

Column Name	Null?	Data Type	Description
REQUIRED_BY_TEMPLATE_FLAG	NOT NULL	VARCHAR2(1)	and "N". Indicates whether this task is marked in the template as a required milestone. If required, this value will be "Y" and the project manager will be unable to remove it from the project, it will have a value of "N" otherwise.
SCHEDULED_EFFORT_LIST	NULL	VARCHAR2(2000)	Delimited list of effort in hours corresponding to the delimited list of users found in the RESOURCE_USER_ID_LIST column.
CREATED_FROM_TEMPLATE_FLAG	NULL	VARCHAR2(1)	Indicates whether or not this project was created from a project template. A value of "Y" indicates it was, "N" otherwise.
REQUIRES_RESCHEDULE_REASON	NULL	VARCHAR2(100)	Contains code indicating why this project requires rescheduling. This code is associated with a message shown to the project manager in the scheduling indicator tooltip.
ACTIVITY_ID	NULL	NUMBER	Identifier of Activity for the project/task
CAPEX_OPEX_CODE	NOT NULL	VARCHAR2(10)	Indicate the type of capital/operating cost
OVERRIDE_ACTIVITY_FLAG	NOT NULL	VARCHAR2(1)	Y or N indicating whether the activity is entered by user or inherited from parent project.
CURRENCY_LINE_ID	NULL	NUMBER	Identifier of cost information for the project/task.
SKILL_ID	NULL	NUMBER	Identifier of the Skill in KRSC_SKILLS that is the desired Skill for use on a Task

#### Indexes

Index Name	Index Type	Sequence	Column Name
KDRV_PROJECTS_N1	NOT UNIQUE	1	PARENT_PROJECT_ID
KDRV_PROJECTS_N1	NOT UNIQUE	2	SEQUENCE_NUMBER
KDRV_PROJECTS_N10	NOT UNIQUE	1	PROJECT_TEMPLATE_ID
KDRV_PROJECTS_N2	NOT UNIQUE	1	PROJECT_PATH_ID_LIST
KDRV_PROJECTS_N3	NOT UNIQUE	1	MASTER_PROJECT_ID
KDRV_PROJECTS_N4	NOT UNIQUE	1	PROJECT_NAME
KDRV_PROJECTS_N5	NOT UNIQUE	1	STATE_ID
KDRV_PROJECTS_N6	NOT UNIQUE	1	SCHEDULED_START_DATE
KDRV_PROJECTS_N7	NOT UNIQUE	1	SCHEDULED_FINISH_DATE
KDRV_PROJECTS_N8	NOT UNIQUE	1	ACTUAL_START_DATE
KDRV_PROJECTS_N9	NOT UNIQUE	1	ACTUAL_FINISH_DATE
KDRV_PROJECTS_U1	UNIQUE	1	PROJECT_ID
KDRV_PROJECTS_U2	NOT UNIQUE	1	CURRENCY_LINE_ID

#### Sequences

Sequence Name	Column Name
KDRV_PROJECTS_S	PROJECT_ID

# KDRV\_PROJECT\_DETAILS

This table contains some extra information for the project header and its custom fields.

## Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KDRV_PROJECTS	PROJECT_ID	PROJECT_ID
KDRV_PROJECT_TEMPLATES	PROJECT_TEMPLATE_ID	PROJECT_TEMPLATE_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

## Column Descriptions

Column Name	Null?	Data Type	Description
PROJECT_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
PROJECT_ID	NOT NULL	NUMBER	The ID of a corresponding row in KDRV_PROJECTS table
PROJECT_TEMPLATE_ID	NULL	NUMBER	Project template identifier
PARAMETER_SET_CONTEXT_ID	NULL	NUMBER	The identifier of the parameter set context associated with the Project Type chosen for this Project.
PARAMETER1	NULL	VARCHAR2 (250)	Project Detail parameter
VISIBLE_PARAMETER1	NULL	VARCHAR2 (250)	Project Detail parameter
PARAMETER2	NULL	VARCHAR2 (250)	Project Detail parameter
VISIBLE_PARAMETER2	NULL	VARCHAR2 (250)	Project Detail parameter
PARAMETER3	NULL	VARCHAR2 (250)	Project Detail parameter
VISIBLE_PARAMETER3	NULL	VARCHAR2 (250)	Project Detail parameter
PARAMETER4	NULL	VARCHAR2 (250)	Project Detail parameter
VISIBLE_PARAMETER4	NULL	VARCHAR2 (250)	Project Detail parameter
PARAMETER5	NULL	VARCHAR2 (250)	Project Detail parameter
VISIBLE_PARAMETERS5	NULL	VARCHAR2 (250)	Project Detail parameter
PARAMETER6	NULL	VARCHAR2 (250)	Project Detail parameter
VISIBLE_PARAMETER6	NULL	VARCHAR2 (250)	Project Detail parameter
PARAMETER7	NULL	VARCHAR2 (250)	Project Detail parameter
VISIBLE_PARAMETER7	NULL	VARCHAR2 (250)	Project Detail parameter
PARAMETER8	NULL	VARCHAR2 (250)	Project Detail parameter
VISIBLE_PARAMETER8	NULL	VARCHAR2 (250)	Project Detail parameter
PARAMETER9	NULL	VARCHAR2 (250)	Project Detail parameter
VISIBLE_PARAMETER9	NULL	VARCHAR2 (250)	Project Detail parameter
PARAMETER10	NULL	VARCHAR2 (250)	Project Detail parameter
VISIBLE_PARAMETER10	NULL	VARCHAR2 (250)	Project Detail parameter
PARAMETER11	NULL	VARCHAR2 (250)	Project Detail parameter
VISIBLE_PARAMETER11	NULL	VARCHAR2 (250)	Project Detail parameter
PARAMETER12	NULL	VARCHAR2 (250)	Project Detail parameter
VISIBLE_PARAMETER12	NULL	VARCHAR2 (250)	Project Detail parameter
PARAMETER13	NULL	VARCHAR2 (250)	Project Detail parameter
VISIBLE_PARAMETER13	NULL	VARCHAR2 (250)	Project Detail parameter





Column Name	Null?	Data Type	Description
PARAMETER66	NULL	VARCHAR2 (250)	Project Detail parameter
VISIBLE_PARAMETER66	NULL	VARCHAR2 (250)	Project Detail parameter
PARAMETER67	NULL	VARCHAR2 (250)	Project Detail parameter
VISIBLE_PARAMETER67	NULL	VARCHAR2 (250)	Project Detail parameter
PARAMETER68	NULL	VARCHAR2 (250)	Project Detail parameter
VISIBLE_PARAMETER68	NULL	VARCHAR2 (250)	Project Detail parameter
PARAMETER69	NULL	VARCHAR2 (250)	Project Detail parameter
VISIBLE_PARAMETER69	NULL	VARCHAR2 (250)	Project Detail parameter
PARAMETER70	NULL	VARCHAR2 (250)	Project Detail parameter
VISIBLE_PARAMETER70	NULL	VARCHAR2 (250)	Project Detail parameter
PARAMETER71	NULL	VARCHAR2 (250)	Project Detail parameter
VISIBLE_PARAMETER71	NULL	VARCHAR2 (250)	Project Detail parameter
PARAMETER72	NULL	VARCHAR2 (250)	Project Detail parameter
VISIBLE_PARAMETER72	NULL	VARCHAR2 (250)	Project Detail parameter
PARAMETER73	NULL	VARCHAR2 (250)	Project Detail parameter
VISIBLE_PARAMETER73	NULL	VARCHAR2 (250)	Project Detail parameter
PARAMETER74	NULL	VARCHAR2 (250)	Project Detail parameter
VISIBLE_PARAMETER74	NULL	VARCHAR2 (250)	Project Detail parameter
PARAMETER75	NULL	VARCHAR2 (250)	Project Detail parameter
VISIBLE_PARAMETER75	NULL	VARCHAR2 (250)	Project Detail parameter
PARAMETER76	NULL	VARCHAR2 (1800)	Project Detail parameter
VISIBLE_PARAMETER76	NULL	VARCHAR2 (1800)	Project Detail parameter
PARAMETER77	NULL	VARCHAR2 (1800)	Project Detail parameter
VISIBLE_PARAMETER77	NULL	VARCHAR2 (1800)	Project Detail parameter
PARAMETER78	NULL	VARCHAR2 (1800)	Project Detail parameter
VISIBLE_PARAMETER78	NULL	VARCHAR2 (1800)	Project Detail parameter
PARAMETER79	NULL	VARCHAR2 (1800)	Project Detail parameter
VISIBLE_PARAMETER79	NULL	VARCHAR2 (1800)	Project Detail parameter
PARAMETER80	NULL	VARCHAR2 (1800)	Project Detail parameter
VISIBLE_PARAMETER80	NULL	VARCHAR2 (1800)	Project Detail parameter
PARAMETER81	NULL	VARCHAR2 (1800)	Project Detail parameter
VISIBLE_PARAMETER81	NULL	VARCHAR2 (1800)	Project Detail parameter
PARAMETER82	NULL	VARCHAR2 (1800)	Project Detail parameter
VISIBLE_PARAMETER82	NULL	VARCHAR2 (1800)	Project Detail parameter
PARAMETER83	NULL	VARCHAR2 (1800)	Project Detail parameter
VISIBLE_PARAMETER83	NULL	VARCHAR2 (1800)	Project Detail parameter
PARAMETER84	NULL	VARCHAR2 (1800)	Project Detail parameter
VISIBLE_PARAMETER84	NULL	VARCHAR2 (1800)	Project Detail parameter
PARAMETER85	NULL	VARCHAR2 (1800)	Project Detail parameter
VISIBLE_PARAMETER85	NULL	VARCHAR2 (1800)	Project Detail parameter
PARAMETER86	NULL	VARCHAR2 (1800)	Project Detail parameter
VISIBLE_PARAMETER86	NULL	VARCHAR2 (1800)	Project Detail parameter
PARAMETER87	NULL	VARCHAR2 (1800)	Project Detail parameter
VISIBLE_PARAMETER87	NULL	VARCHAR2 (1800)	Project Detail parameter
PARAMETER88	NULL	VARCHAR2 (1800)	Project Detail parameter
VISIBLE_PARAMETER88	NULL	VARCHAR2 (1800)	Project Detail parameter
PARAMETER89	NULL	VARCHAR2 (1800)	Project Detail parameter
VISIBLE_PARAMETER89	NULL	VARCHAR2 (1800)	Project Detail parameter
PARAMETER90	NULL	VARCHAR2 (1800)	Project Detail parameter
VISIBLE_PARAMETER90	NULL	VARCHAR2 (1800)	Project Detail parameter
PARAMETER91	NULL	VARCHAR2 (1800)	Project Detail parameter
VISIBLE_PARAMETER91	NULL	VARCHAR2 (1800)	Project Detail parameter



Column Name	Null?	Data Type	Description
PARAMETER92	NULL	VARCHAR2 (1800)	Project Detail parameter
VISIBLE_PARAMETER92	NULL	VARCHAR2 (1800)	Project Detail parameter
PARAMETER93	NULL	VARCHAR2 (1800)	Project Detail parameter
VISIBLE_PARAMETER93	NULL	VARCHAR2 (1800)	Project Detail parameter
PARAMETER94	NULL	VARCHAR2 (1800)	Project Detail parameter
VISIBLE_PARAMETER94	NULL	VARCHAR2 (1800)	Project Detail parameter
PARAMETER95	NULL	VARCHAR2 (1800)	Project Detail parameter
VISIBLE_PARAMETER95	NULL	VARCHAR2 (1800)	Project Detail parameter
PARAMETER96	NULL	VARCHAR2 (1800)	Project Detail parameter
VISIBLE_PARAMETER96	NULL	VARCHAR2 (1800)	Project Detail parameter
PARAMETER97	NULL	VARCHAR2 (1800)	Project Detail parameter
VISIBLE_PARAMETER97	NULL	VARCHAR2 (1800)	Project Detail parameter
PARAMETER98	NULL	VARCHAR2 (1800)	Project Detail parameter
VISIBLE_PARAMETER98	NULL	VARCHAR2 (1800)	Project Detail parameter
PARAMETER99	NULL	VARCHAR2 (1800)	Project Detail parameter
VISIBLE_PARAMETER99	NULL	VARCHAR2 (1800)	Project Detail parameter
PARAMETER100	NULL	VARCHAR2 (1800)	Project Detail parameter
VISIBLE_PARAMETER100	NULL	VARCHAR2 (1800)	Project Detail parameter

*Indexes*

Index Name	Index Type	Sequence	Column Name
KDRV_PROJECT_DETAILS_U1	UNIQUE	1	PROJECT_DETAIL_ID
KDRV_PROJECT_DETAILS_U2	UNIQUE	1	PROJECT_ID

*Sequences*

Sequence Name	Column Name
KDRV_PROJECT_DETAILS_S	PROJECT_DETAIL_ID

## KDRV\_PROJECT\_FIELD\_SETUPS

All the field level configurations of a Master Project or Top Project of a Template are stored in this table.

### Foreign Keys

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

### Column Descriptions

Column Name	Null?	Data Type	Description
PROJECT_FIELD_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
PROJECT_SETUP_ID	NOT NULL	NUMBER	Project setup identifier
FIELD_TOKEN	NOT NULL	VARCHAR2(40)	Standard Field token for identifying the field
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Y or N flag, denotes whether the field is enabled for editing
MANAGER_ONLY_FLAG	NOT NULL	VARCHAR2(1)	Y or N flag, denotes whether the field is visible to and editable by Project Managers
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific nterface or migrator name, etc.)
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.

### Indexes

Index Name	Index Type	Sequence	Column Name
KDRV_PROJECT_FIELD_SETUPS_U1	UNIQUE	1	PROJECT_FIELD_SETUP_ID
KDRV_PROJECT_FIELD_SETUPS_U2	UNIQUE	1	PROJECT_SETUP_ID
KDRV_PROJECT_FIELD_SETUPS_U2	UNIQUE	2	FIELD_TOKEN

### Sequences

Sequence Name	Column Name
KDRV_PROJECT_FIELD_SETUPS_S	PROJECT_FIELD_SETUP_ID

## KDRV\_PROJECT\_SETUPS

This table contains the setup details that go with a Master project or Project Template. Each Master Project and Top Project of a Template should have a record in this table.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KDRV_PROJECTS	PROJECT_ID	SOURCE_ID
KNTA_ENTITIES	ENTITY_ID	SOURCE_ENTITY_ID
KNTA_REGIONS	REGION_ID	REGION_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	CREATED_BY

### Column Descriptions

Column Name	Null?	Data Type	Description
PROJECT_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
SOURCE_ENTITY_ID	NOT NULL	NUMBER	Project entity Identifier
SOURCE_ID	NOT NULL	NUMBER	Project Identifier
SCHEDULING_METHOD_CODE	NOT NULL	VARCHAR2(30)	Lookup code for 'DRV_SCHEDULING_METHOD_CODE'
SCHEDULING_DAYS_SELECTION_CODE	NOT NULL	VARCHAR2(30)	Lookup code for 'DRV_SCHEDULING_DAYS_SELECTION_CODE'
SCHEDULE_DEFAULT_START_DATE	NULL	DATE	Default start for tasks that do not have predecessors
SECURITY_RESTRICTION_CODE	NOT NULL	VARCHAR2(30)	Lookup code for 'DRV_SECURITY_RESTRICTION'
DISP_EXCEPTION_INDICATOR_FLAG	NOT NULL	VARCHAR2(1)	Y or N flag for displaying exception indicators
DISP_SCHEDULE_INDICATOR_FLAG	NOT NULL	VARCHAR2(1)	Y or N flag for displaying scheduling indicators
DISP_CUSTOM_FIELDS_IND_FLAG	NOT NULL	VARCHAR2(1)	Y or N flag for displaying custom field indicators
DISP_CONSTRAINT_IND_FLAG	NOT NULL	VARCHAR2(1)	Y or N flag for displaying constraint indicators
DISP_NOTIF_INDICATOR_FLAG	NOT NULL	VARCHAR2(1)	Y or N flag for displaying notifications indicators
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.
SYNCH_MODE_CODE	NULL	VARCHAR2(30)	If this project is synchronized with an external system (such as Microsoft Project), stores the synchronization mode. (Lookup code for 'SYNCH_MODE'.)
SYNCH_RESOURCE_MAP_CODE	NULL	VARCHAR2(30)	If this project is synchronized with an external system (such as

Column Name	Null?	Data Type	Description
SYNCH_FILE_NAME	NULL	VARCHAR2(200)	Microsoft Project), stores the synchronization resource mapping style. (Lookup code for 'SYNCH_RESOURCE_MAP'.) If this project is synchronized with an external system (such as Microsoft Project), stores the name of the external file currently synchronized with this project.
SYNCH_FILE_LOCATION	NULL	VARCHAR2(4000)	If this project is synchronized with an external system (such as Microsoft Project), stores the filesystem location of the external file currently synchronized with this project.
INCLUDE_ALL_RESOURCES_FLAG	NOT NULL	VARCHAR2(1)	Y or N flag to allow all Users to become resources for this Project Setup
WORKLOAD_FLAG	NOT NULL	VARCHAR2(1)	Y or N flag to denote whether the tasks in the project will be considered load against resource's workload capacity by Resource Management
WORKLOAD_CATEGORY_CODE	NULL	VARCHAR2(30)	Lookup code for 'RSC - Workload Category Code' to describe which part of the workload category do the tasks belong
COST_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Y or N flag to denote whether cost manager is enabled or not
COST_SECURITY_RESTRICTION_CODE	NULL	NUMBER	Cost security restriction setting: 1 - all users; 2 - master project manager only; 3 - all project manager; 4 - participants only; 5 - project team only
DISP_COST_INDICATOR_FLAG	NOT NULL	VARCHAR2(1)	Y or N flag to denote whether to display cost indicator
REGION_ID	NOT NULL	NUMBER	Identifier for region
DISP_CAPITALIZED_IND_FLAG	NOT NULL	VARCHAR2(1)	Y or N flag to denote whether to display capitalized indicator
CAPEX_OPEX_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Y or N flag to denote whether CapEx and OpEx are enabled
TM_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Y or N flag to denote whether to use Time Management to track Actual Effort or Actual Labor Cost
TM_TIME_TARGET_LEVEL	NULL	NUMBER	This indicates which level of project hierarchy is used for time target - use 1 for master Projects, 2 and above for sub-projects and -1 for tasks
PLAN_LABOR_COST_INPUT_CODE	NULL	VARCHAR2(10)	Lookup code for Plan Labor Cost Input - either AUTO for automatically calculating cost and MANUAL for manual entries
ACTUAL_LABOR_COST_INPUT_CODE	NULL	VARCHAR2(10)	Lookup code for Actual Labor Cost Input - AUTO for automatically calculating cost based on project plan information, AUTO_TM for automatically calculating cost based on Timesheets or MANUAL for manual entries

*Indexes*

Index Name	Index Type	Sequence	Column Name
KDRV_PROJECT_SETUPS_N1	NOT UNIQUE	1	REGION_ID
KDRV_PROJECT_SETUPS_U1	UNIQUE	1	PROJECT_SETUP_ID
KDRV_PROJECT_SETUPS_U2	UNIQUE	1	SOURCE_ENTITY_ID
KDRV_PROJECT_SETUPS_U2	UNIQUE	2	SOURCE_ID

*Sequences*

Sequence Name	Column Name
KDRV_PROJECT_SETUPS_S	PROJECT_SETUP_ID

# KDRV\_PROJECT\_TEAMS

KDRV\_PROJECT\_TEAMS stores resources (users) who are part of a Project Setup.

## Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KDRV_PROJECT_SETUPS	PROJECT_SETUP_ID	PROJECT_SETUP_ID
KNTA_USERS	USER_ID	RESOURCE_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

## Column Descriptions

Column Name	Null?	Data Type	Description
PROJECT_TEAM_ID	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_SETUP_ID	NOT NULL	NUMBER	The Project Setup this resource is part of
RESOURCE_ID	NOT NULL	VARCHAR2(30)	User ID of this resource
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.

## Indexes

Index Name	Index Type	Sequence	Column Name
KDRV_PROJECT_TEAMS_N1	NOT UNIQUE	1	PROJECT_SETUP_ID
KDRV_PROJECT_TEAMS_U1	UNIQUE	1	PROJECT_TEAM_ID

## Sequences

Sequence Name	Column Name
KDRV_PROJECT_TEAMS_S	PROJECT_TEAM_ID

## KDRV\_PROJECT\_TEMPLATES

This table contains all the project template header details. The projects and tasks associated with the templates are stored in the KDRV\_PROJECTS table, and the TEMPLATE\_TOP\_PROJECT\_ID points to the top most project that contains all sub-projects and tasks.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KDRV_PROJECTS	PROJECT_ID	TEMPLATE_TOP_PROJECT_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
PROJECT_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
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
PROJECT_TEMPLATE_NAME	NOT NULL	VARCHAR2(100)	Name of the Project Template
DESCRIPTION	NULL	VARCHAR2(300)	Description
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Y or N flag, denotes whether the template is enabled
TEMPLATE_OWNER_ID_LIST	NULL	VARCHAR2(2000)	A KNTA_MULTI.Multi_Delimiter separated list of owner identifiers assigned to the project or task.
DEPARTMENT_CODE	NULL	VARCHAR2(30)	Lookup code for 'DEPT'
TEMPLATE_TOP_PROJECT_ID	NOT NULL	NUMBER	Top project identifier
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.
USER_DATA_SET_CONTEXT_ID	NULL	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA1	NULL	VARCHAR2(250)	User data segment
USER_DATA2	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA2	NULL	VARCHAR2(250)	User data segment
USER_DATA3	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA3	NULL	VARCHAR2(250)	User data segment
USER_DATA4	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA4	NULL	VARCHAR2(250)	User data segment
USER_DATA5	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA5	NULL	VARCHAR2(250)	User data segment

Column Name	Null?	Data Type	Description
USER_DATA6	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA6	NULL	VARCHAR2 (250)	User data segment
USER_DATA7	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA7	NULL	VARCHAR2 (250)	User data segment
USER_DATA8	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA8	NULL	VARCHAR2 (250)	User data segment
USER_DATA9	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA9	NULL	VARCHAR2 (250)	User data segment
USER_DATA10	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA10	NULL	VARCHAR2 (250)	User data segment
USER_DATA11	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA11	NULL	VARCHAR2 (250)	User data segment
USER_DATA12	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA12	NULL	VARCHAR2 (250)	User data segment
USER_DATA13	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA13	NULL	VARCHAR2 (250)	User data segment
USER_DATA14	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA14	NULL	VARCHAR2 (250)	User data segment
USER_DATA15	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA15	NULL	VARCHAR2 (250)	User data segment
USER_DATA16	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA16	NULL	VARCHAR2 (250)	User data segment
USER_DATA17	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA17	NULL	VARCHAR2 (250)	User data segment
USER_DATA18	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA18	NULL	VARCHAR2 (250)	User data segment
USER_DATA19	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA19	NULL	VARCHAR2 (250)	User data segment
USER_DATA20	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA20	NULL	VARCHAR2 (250)	User data segment

*Indexes*

Index Name	Index Type	Sequence	Column Name
KDRV_PROJECT_TEMPLATES_U1	UNIQUE	1	PROJECT_TEMPLATE_ID
KDRV_PROJECT_TEMPLATES_U2	UNIQUE	1	PROJECT_TEMPLATE_NAME

*Sequences*

Sequence Name	Column Name
KDRV_PROJECT_TEMPLATES_S	PROJECT_TEMPLATE_ID



## 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(30)	Name, which users see, representing this Roll-up Method (this row)
PROJECT_FIELD_DATA_TYPE	NOT NULL	VARCHAR2(30)	Data type of the Project field that this Roll-up Method can operate on
TASK_FIELD_DATA_TYPE	NOT NULL	VARCHAR2(30)	Data type of the Task field that this Roll-up Method can operate on
DESCRIPTION	NULL	VARCHAR2(300)	Free-form description explaining the behavior of this Roll-up Method
ROLLUP_METHOD_CLASS_NAME	NOT NULL	VARCHAR2(300)	Name of a java class, including the full package path, that will execute the roll-up computations on the client side Project Plan when a Task is updated
IGNORED_STATE_ID_LIST	NULL	VARCHAR2(300)	List of Project and Task states ids that the Roll-up Method should use to ignore a Project/Task node if the node's state is in this list, both the java class and the update sql should respect this list
UPDATE_VALUES_SQL	NOT NULL	VARCHAR2(1600)	Parameterized sql update statement for executing roll-up computations when a Task is updated
SYSTEM_FLAG	NOT NULL	VARCHAR2(1)	Denote whether users can derive Roll-up Setups from this Roll-up Method. System Roll-up Methods are not displayed to the end user.

### Indexes

Index Name	Index Type	Sequence	Column Name
KDRV_ROLLUP_METHODS_U1	UNIQUE	1	ROLLUP_METHOD_ID

### Sequences

Sequence Name	Column Name
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(1)	Denote whether this Roll-up Setup should be runned when a Task is updated
DESCRIPTION	NULL	VARCHAR2(300)	Free-form description for this Roll-up Setup
ROLLUP_METHOD_ID	NOT NULL	NUMBER	Identifier of the Roll-up Method that this Roll-up Setup is derived from
ROLLUP_ORDER	NOT NULL	NUMBER	Execution order of this Roll-up Setup with respect to the other Roll-up Setups, a lower numbered order gets executed first
PROJECT_COLUMN_NAME	NULL	VARCHAR2(80)	Name of the data column to store the roll-up result in a Project node
TASK_COLUMN_NAME	NULL	VARCHAR2(80)	Name of the data column to read values from Task nodes for computing the roll-up result
ROLLUP_METHOD_CLASS_NAME	NOT NULL	VARCHAR2(300)	Name of a java class, including the full package path, that will execute the roll-up computations on the client side project plan when a Task is updated
IGNORED_STATE_ID_LIST	NULL	VARCHAR2(300)	List of Project and Task states ids that the Roll-up Method should use to ignore a Project/Task node if the node's state is in this list, both the java class and the update sql should respect this list
RESOLVED_UPDATE_SQL	NOT NULL	VARCHAR2(2000)	Sql update statement with Project column name, Task column name and ignored state id list parameters resolved for executing roll-up computations when a Task is updated

*Indexes*

Index Name	Index Type	Sequence	Column Name
KDRV_ROLLUP_SETUPS_U1	UNIQUE	1	ROLLUP_SETUP_ID

*Sequences*

Sequence Name	Column Name
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	NOT NULL	NUMBER	Project or task entity id, used for differentiating states of project from tasks.
STATE_NAME	NOT NULL	VARCHAR2(100)	Name of the state
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Y or N flag denotes whether the state is enabled
SEND_NOTIFICATIONS_FLAG	NULL	VARCHAR2(1)	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	Column Name
KDRV_STATES_S	STATE_ID

---

## KDRV\_STATE\_CHANGE\_HISTORY

This table contains the history of state changes for a project.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KDRV_PROJECTS	PROJECT_ID	PROJECT_ID
KDRV_STATES	STATE_ID	PARENT_STATE_ID
KDRV_STATES	STATE_ID	FROM_STATE_ID
KDRV_STATES	STATE_ID	TO_STATE_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

### Column Descriptions

Column Name	Null?	Data Type	Description
STATE_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
PROJECT_ID	NOT NULL	NUMBER	Project identifier
FROM_STATE_ID	NOT NULL	NUMBER	Old state identifier
TO_STATE_ID	NOT NULL	NUMBER	New state identifier
PARENT_STATE_ID	NULL	NUMBER	State identifier of parent project, this is required for notifications.

### Indexes

Index Name	Index Type	Sequence	Column Name
KDRV_STATE_CHANGE_HISTORY_N1	NOT UNIQUE	1	PROJECT_ID
KDRV_STATE_CHANGE_HISTORY_U1	UNIQUE	1	STATE_CHANGE_ID

### Sequences

Sequence Name	Column Name
KDRV_STATE_CHANGE_HISTORY_S	STATE_CHANGE_ID

## KDRV\_SYNCH\_HISTORY

KDRV\_SYNCH\_HISTORY stores an audit record for each synchronization of a Kintana Drive Project with an external project management system (such as Microsoft Project). Information stored includes when the synchronization occurred and details about the synchronization.

### Foreign Keys

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

### Column Descriptions

Column Name	Null?	Data Type	Description
SYNCH_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
PROJECT_ID	NOT NULL	NUMBER	The ID of the Kintana Drive Project that was synchronized.
SYNCH_TYPE_CODE	NOT NULL	VARCHAR2(30)	The type of synchronization. (Lookup code for 'SYNCH_TYPE'.)
SYNCH_MODE_CODE	NOT NULL	VARCHAR2(30)	The synchronization mode. (Lookup code for 'SYNCH_MODE'.)
SYNCH_RESOURCE_MAP_CODE	NOT NULL	VARCHAR2(30)	The resource mapping style used by the synchronization. (Lookup code for 'SYNCH_RESOURCE_MAP'.)
SYNCH_FILE_NAME	NOT NULL	VARCHAR2(200)	The name of the external file that was synchronized.
SYNCH_FILE_LOCATION	NOT NULL	VARCHAR2(4000)	The filesystem location of the external file that was synchronized.

### Indexes

Index Name	Index Type	Sequence	Column Name
KDRV_SYNCH_HISTORY_N1	NOT UNIQUE	1	CREATED_BY
KDRV_SYNCH_HISTORY_N1	NOT UNIQUE	2	CREATION_DATE
KDRV_SYNCH_HISTORY_N2	NOT UNIQUE	1	PROJECT_ID
KDRV_SYNCH_HISTORY_N2	NOT UNIQUE	2	CREATION_DATE
KDRV_SYNCH_HISTORY_U1	UNIQUE	1	SYNCH_HISTORY_ID

### Sequences

Sequence Name	Column Name
KDRV_SYNCH_HISTORY_S	SYNCH_HISTORY_ID

## KDRV\_SYNCH\_RESOURCE\_MAP

KDRV\_SYNCH\_RESOURCE\_MAP stores the mapping between each assigned resource (Kintana User ID) on a synchronized Kintana Drive Project, and the name of the corresponding resource in the external project being synchronized with (such as a Microsoft Project resource).

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KDRV_PROJECTS	PROJECT_ID	MASTER_PROJECT_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
SYNCH_RESOURCE_MAP_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user 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
MASTER_PROJECT_ID	NOT NULL	NUMBER	ID of the Kintana master project.
USER_ID	NOT NULL	NUMBER	ID of a Kintana User assigned on the project.
TARGET_RESOURCE_NAME	NOT NULL	VARCHAR2(200)	Name of the corresponding resource in the external system (such as a Microsoft Project resource).

### Indexes

Index Name	Index Type	Sequence	Column Name
KDRV_SYNCH_RESOURCE_MAP_N1	NOT UNIQUE	1	MASTER_PROJECT_ID
KDRV_SYNCH_RESOURCE_MAP_U1	UNIQUE	1	SYNCH_RESOURCE_MAP_ID

### Sequences

Sequence Name	Column Name
KDRV_SYNCH_RESOURCE_MAP_S	SYNCH_RESOURCE_MAP_ID

# KDRV\_TRANSACTIONS

This table holds the audit trail for the PARAMETER field values and its prompt in the project header.

In the project template screen, you have the capability to indicate if the "transaction history" (audit trail) should be maintained for a particular field in the project header. If transaction history is turned on for a field, whenever the value of that field changes in a project, a record is logged in this table.

## Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KDRV_PROJECTS	PROJECT_ID	PROJECT_ID
KDRV_PROJECT_TEMPLATES	PROJECT_TEMPLATE_ID	PROJECT_TEMPLATE_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
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	The project for which this audit trail is created.
PROJECT_TEMPLATE_ID	NULL	NUMBER	Project template identifier
COLUMN_NAME	NULL	VARCHAR2(30)	Column that is being audited in this record. This refers to a particular field.
OLD_VISIBLE_COLUMN_VALUE	NULL	VARCHAR2(1800)	Original visible column value is stored here.
OLD_COLUMN_VALUE	NULL	VARCHAR2(1800)	Original column value is stored here.
NEW_VISIBLE_COLUMN_VALUE	NULL	VARCHAR2(1800)	New visible column value is stored here.
NEW_COLUMN_VALUE	NULL	VARCHAR2(1800)	New column value is stored here.
COLUMN_PROMPT	NULL	VARCHAR2(100)	This is the current prompt for the column.

## Indexes

Index Name	Index Type	Sequence	Column Name
KDRV_TRANSACTIONS_N1	NOT UNIQUE	1	PROJECT_ID
KDRV_TRANSACTIONS_U1	UNIQUE	1	TRANSACTION_ID

## Sequences

Sequence Name	Column Name
KDRV_TRANSACTIONS_S	TRANSACTION_ID



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## 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(1)	Flag to indicate if this date is a working day
CALENDAR_ID	NOT NULL	NUMBER	Identifier for the calendar which uses this information

### Indexes

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

### Sequences

Sequence Name	Column Name
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(80)	Data Source name
DESCRIPTION	NULL	VARCHAR2(240)	Description of the Data Source
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULL	VARCHAR2(100)	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(1)	A flat to indicate whether this Data Source is enabled to be used.
RESTRICT_ACCESS_FLAG	NOT NULL	VARCHAR2(1)	If the value is Y, the Data Source security checks are made.
BASE_FROM_CLAUSE	NULL	VARCHAR2(4000)	The default FROM clause of the query that is used to load the data for this Data Source.
BASE_WHERE_CLAUSE	NULL	CLOB	The default WHERE clause of the query that is used to load the data for this Data Source.
BASE_ORDER_BY_CLAUSE	NULL	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	NULL	VARCHAR2(4000)	The default GROUP BY clause of the query that is used to load the data for this Data Source.
BASE_HAVING_CLAUSE	NULL	VARCHAR2(4000)	The default HAVING clause of the query that is used to load the data for this Data Source.
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
TIMEOUT	NULL	NUMBER	Time in seconds after which the Data Source query will be timed out.
LIMIT_RESULTS_FLAG	NOT NULL	VARCHAR2(1)	Flag that determines if the Data Source has a limit on the number of results
USE_BIND_VARIABLES_FLAG	NOT NULL	VARCHAR2(1)	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

Column Name	Null?	Data Type	Description
			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	Column Name
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	NULL	VARCHAR2(1800)	The description for the purpose of this column.
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.
DB_COLUMN	NULL	VARCHAR2(1000)	The database column name of this column.
COLUMN_TYPE	NOT NULL	VARCHAR2(30)	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(100)	Unique name of the column.
COLUMN_ALIAS	NOT NULL	VARCHAR2(30)	Unique alias for the column.
HYPERLINK_TYPE	NULL	VARCHAR2(30)	Type of the hyperlink.
HYPERLINK_ENTITY_DB_COLUMN	NULL	VARCHAR2(1000)	The database column name containing the entity for this hyperlink column.
HYPERLINK_TEXT	NULL	VARCHAR2(1000)	Custom Hyperlink defined by user.
CURRENCY_BASE_DB_COLUMN	NULL	VARCHAR2(1000)	The database column name containing the base currency for this currency column.
CURRENCY_ID_DB_COLUMN	NULL	VARCHAR2(1000)	The database column name containing the currency id for this currency column.
CURRENCY_LOCAL_DB_COLUMN	NULL	VARCHAR2(1000)	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	NOT UNIQUE	1	DATA_SOURCE_ID
KDSH_DATA_SOURCE_COLUMNS_U1	UNIQUE	1	DATA_SOURCE_COLUMN_ID

*Sequences*

Sequence Name	Column Name
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_PARAMETER_SET_FIELDS	PARAMETER_SET_FIELD_ID	PARAMETER_SET_FIELD_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KRML_PARAMETER_SET_FLDS_COPY	PARAMETER_SET_FIELD_ID	PARAMETER_SET_FIELD_ID

### Column Descriptions

Column Name	Null?	Data Type	Description
DATA_SOURCE_FILTER_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user 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	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.
PARAMETER_SET_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	NULL	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	Column Name
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	NULL	VARCHAR2(2000)	Module could not be distributed for the reason mentioned here.

### Indexes

Index Name	Index Type	Sequence	Column Name
KDSH_DISTRIBUTION_ERRORS_N1	NOT UNIQUE	1	MODULE_DISTRIBUTION_ID
KDSH_DISTRIBUTION_ERRORS_N2	NOT UNIQUE	1	USER_ID
KDSH_DISTRIBUTION_ERRORS_U1	UNIQUE	1	DISTRIBUTION_ERROR_ID

### Sequences

Sequence Name	Column Name
KDSH_DISTRIBUTION_ERRORS_S	DISTRIBUTION_ERROR_ID

## KDSH\_DISTRIBUTION\_USERS

Module can be distributed individual users defined in this 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	NOT UNIQUE	1	MODULE_DISTRIBUTION_ID
KDSH_DISTRIBUTION_USERS_N2	NOT UNIQUE	1	USER_ID
KDSH_DISTRIBUTION_USERS_U1	UNIQUE	1	DISTRIBUTION_USER_ID

### Sequences

Sequence Name	Column Name
KDSH_DISTRIBUTION_USERS_S	DISTRIBUTION_USER_ID



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## 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	NOT UNIQUE	1	MODULE_DISTRIBUTION_ID
KDSH_DIST_IMPACTED_USERS_U1	UNIQUE	1	DIST_IMPACTED_USER_ID

### Sequences

Sequence Name	Column Name
KDSH_DIST_IMPACTED_USERS_S	DIST_IMPACTED_USER_ID

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## 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
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KRSC_ORG_UNITS	ORG_UNIT_ID	ORG_UNIT_ID

### 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	NOT UNIQUE	1	MODULE_DISTRIBUTION_ID
KDSH_DIST_ORG_UNITS_N2	NOT UNIQUE	1	ORG_UNIT_ID
KDSH_DIST_ORG_UNITS_U1	UNIQUE	1	DIST_ORG_UNIT_ID

### Sequences

Sequence Name	Column Name
KDSH_DIST_ORG_UNITS_S	DIST_ORG_UNIT_ID

## KDSH\_DIST\_SECURITY\_GRP\_S

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_GRP_S_N1	NOT UNIQUE	1	MODULE_DISTRIBUTION_ID
KDSH_DIST_SECURITY_GRP_S_N2	NOT UNIQUE	1	SECURITY_GROUP_ID
KDSH_DIST_SECURITY_GRP_S_U1	UNIQUE	1	DIST_SECURITY_GRP_ID

### Sequences

Sequence Name	Column Name
KDSH_DIST_SECURITY_GRP_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(80)	Internal field
FILTER_FIELD_TOKEN	NOT NULL	VARCHAR2(200)	This is Hidden value. E.g., H_ASSIGNED_TO_USER_ID
FILTER_FIELD_PROMPT	NOT NULL	VARCHAR2(200)	This is Visible value. E.g., Assigned To
FILTER_VALUE_TOKEN	NOT NULL	VARCHAR2(200)	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	NOT UNIQUE	1	PORTLET_ID
KDSH_DYNAMIC_FILTERS_U1	UNIQUE	1	DYNAMIC_FILTER_ID

### Sequences

Sequence Name	Column Name
KDSH_DYNAMIC_FILTERS_S	DYNAMIC_FILTER_ID

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## 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(80)	Name of the Module
DESCRIPTION	NOT NULL	VARCHAR2(1800)	Module's description
DEFAULT_DASHBOARD_FLAG	NOT NULL	VARCHAR2(1)	Is this module a default dashboard module? Only one module can be default dashboard module.
DEFAULT_DASHBOARD_CODE	NULL	VARCHAR2(30)	Defines the default dashboard mechanism; Published or Distributed.
LAST_PUBLISHED_DATE	NULL	DATE	Date when this module was last published
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	Internal field
SOURCE	NULL	VARCHAR2(100)	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	Column Name
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(30)	Possible values are: Publish, Distribute Module, Distribute Page, Distribute Portlet, Remove Publication
STATUS_CODE	NOT NULL	VARCHAR2(80)	Status of the distribution transaction.
PERCENT_COMPLETE	NOT NULL	NUMBER	Defines quantitatively the amount of transaction that is complete.
NOTIFY_USERS_FLAG	NOT NULL	VARCHAR2(1)	Defines if the transaction involves notification.
NOTIFY_TO_AS_BCC_FLAG	NOT NULL	VARCHAR2(1)	Defines if notify all the impacted users as BCC.
REMOVE_ALL_PUB_USERS_FLAG	NOT NULL	VARCHAR2(1)	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	NOT UNIQUE	1	MODULE_ID
KDSH_MODULE_DISTRIBUTIONS_U1	UNIQUE	1	MODULE_DISTRIBUTION_ID

## Sequences

Sequence Name	Column Name
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_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USER_PAGE_TABS	USER_PAGE_TAB_ID	USER_PAGE_TAB_ID

### 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	NOT UNIQUE	1	MODULE_DISTRIBUTION_ID
KDSH_MODULE_DIST_PAGES_N2	NOT UNIQUE	1	USER_PAGE_TAB_ID
KDSH_MODULE_DIST_PAGES_U1	UNIQUE	1	MODULE_DIST_PAGE_ID

### Sequences

Sequence Name	Column Name
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(1)	Place the portlet on the first available user-controlled page?
NEW_PAGE_NAME	NULL	VARCHAR2(80)	Create a new page and place the portlet on that page.

### Indexes

Index Name	Index Type	Sequence	Column Name
KDSH_MODULE_DIST_PORTLETS_N1	NOT UNIQUE	1	MODULE_DISTRIBUTION_ID
KDSH_MODULE_DIST_PORTLETS_N2	NOT UNIQUE	1	PORTLET_ID
KDSH_MODULE_DIST_PORTLETS_U1	UNIQUE	1	MODULE_DIST_PORTLET_ID

### Sequences

Sequence Name	Column Name
KDSH_MODULE_DIST_PORTLETS_S	MODULE_DIST_PORTLET_ID



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## 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_MODULES	MODULE_ID	MODULE_ID
KDSH_MODULE_DISTRIBUTIONS	MODULE_DISTRIBUTION_ID	MODULE_DISTRIBUTION_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	NOT UNIQUE	1	MODULE_DISTRIBUTION_ID
KDSH_PUBLISHED_MODULE_USERS_N2	NOT UNIQUE	1	MODULE_ID
KDSH_PUBLISHED_MODULE_USERS_U1	UNIQUE	1	PUBLISHED_MODULE_USER_ID

### Sequences

Sequence Name	Column Name
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
KACC_ACCELERATORS	ACCELERATOR_ID	DEFAULT_ACCELERATOR_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
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(80)	The name of the environment
DESCRIPTION	NULL	VARCHAR2(240)	The description of the environment
LOCATION	NULL	VARCHAR2(240)	The physical location of the machine (used for reporting only)
SERVER_NAME	NULL	VARCHAR2(100)	The DNS name or IP Address of the server.
SERVER_TYPE_CODE	NULL	VARCHAR2(30)	Lookup code for 'SERVER_TYPE_CODE'; defines the operating system of the server
SERVER_USERNAME	NULL	VARCHAR2(30)	The default username used when connecting via FTP, SCP, Telnet, or SSH to the machine
SERVER_PASSWORD	NULL	VARCHAR2(200)	(ENCRYPTED) The password used when connecting to the machine
SERVER_NT_DOMAIN	NULL	VARCHAR2(80)	The domain of the Windows NT server
SERVER_BASE_PATH	NULL	VARCHAR2(80)	The initial path for this environment; the server will change to this directory after successfully connecting
SERVER_CON_PROTOCOL	NULL	VARCHAR2(30)	Lookup code for 'CONNECTION_PROTOCOL'; defines the protocol for interaction connections to this server
SERVER_TRANSFER_PROTOCOL	NULL	VARCHAR2(30)	Lookup code for 'TRANSFER_PROTOCOL'; defines the protocol for file transfers to and from this server
CLIENT_NAME	NULL	VARCHAR2(100)	The DNS name or IP address of the client
CLIENT_TYPE_CODE	NULL	VARCHAR2(30)	Lookup code for 'SERVER_TYPE_CODE'; defines the operating system of the client.
CLIENT_USERNAME	NULL	VARCHAR2(30)	The default username used when connecting via FTP, SCP, Telnet, or SSH to the machine
CLIENT_PASSWORD	NULL	VARCHAR2(200)	(ENCRYPTED) The password used when connecting to the machine
CLIENT_NT_DOMAIN	NULL	VARCHAR2(80)	The NT Domain of the client machine

Column Name	Null?	Data Type	Description
CLIENT_BASE_PATH	NULL	VARCHAR2(80)	The initial path for this environment; the client will change to this directory after successfully connecting
CLIENT_CON_PROTOCOL	NULL	VARCHAR2(30)	Lookup code for 'CONNECTION_PROTOCOL'; defines the protocol for interaction connections to this client
CLIENT_TRANSFER_PROTOCOL	NULL	VARCHAR2(30)	Lookup code for 'TRANSFER_PROTOCOL'; defines the protocol for file transfers to and from this client
DB_NAME	NULL	VARCHAR2(100)	The database name for this environment's associated database
DB_ORACLE_SID	NULL	VARCHAR2(30)	The \$ORACLE_SID for the database
DB_CONNECTION_STRING	NULL	VARCHAR2(30)	The connection string (from tnsnames.ora) for the database
DB_USERNAME	NULL	VARCHAR2(30)	The default username for connecting to or executing scripts against the database
DB_PASSWORD	NULL	VARCHAR2(200)	(ENCRYPTED) The password used when connecting to or executing scripts against the database
DB_VERSION	NULL	VARCHAR2(40)	The database version for the database (used for reporting only)
DB_LINK	NULL	VARCHAR2(130)	Database link
DB_PORT_NUMBER	NULL	NUMBER	Port number -- used mainly in environment comparison
DATABASE_TYPE	NOT NULL	VARCHAR2(40)	Type of database. Current valid values include Oracle, SQL Server
MSSQL_DB_NAME	NULL	VARCHAR2(30)	Name of database ( for SQL Server )
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Determines whether this environment can serve as a source or destination database for a workflow
SERVER_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Whether or not to enable server for this environment
CLIENT_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Whether or not to enable client for this environment
DATABASE_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Whether or not to enable database for this environment
DEFAULT_ACCELERATOR_ID	NULL	NUMBER	Default accelerator associated with the environment
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update
USER_DATA_SET_CONTEXT_ID	NULL	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA1	NULL	VARCHAR2(200)	User data segment
USER_DATA2	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA2	NULL	VARCHAR2(200)	User data segment
USER_DATA3	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA3	NULL	VARCHAR2(200)	User data segment
USER_DATA4	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA4	NULL	VARCHAR2(200)	User data segment
USER_DATA5	NULL	VARCHAR2(200)	User data segment

Column Name	Null?	Data Type	Description
VISIBLE_USER_DATA5	NULL	VARCHAR2 (200)	User data segment
USER_DATA6	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA6	NULL	VARCHAR2 (200)	User data segment
USER_DATA7	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA7	NULL	VARCHAR2 (200)	User data segment
USER_DATA8	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA8	NULL	VARCHAR2 (200)	User data segment
USER_DATA9	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA9	NULL	VARCHAR2 (200)	User data segment
USER_DATA10	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA10	NULL	VARCHAR2 (200)	User data segment
USER_DATA11	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA11	NULL	VARCHAR2 (200)	User data segment
USER_DATA12	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA12	NULL	VARCHAR2 (200)	User data segment
USER_DATA13	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA13	NULL	VARCHAR2 (200)	User data segment
USER_DATA14	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA14	NULL	VARCHAR2 (200)	User data segment
USER_DATA15	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA15	NULL	VARCHAR2 (200)	User data segment
USER_DATA16	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA16	NULL	VARCHAR2 (200)	User data segment
USER_DATA17	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA17	NULL	VARCHAR2 (200)	User data segment
USER_DATA18	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA18	NULL	VARCHAR2 (200)	User data segment
USER_DATA19	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA19	NULL	VARCHAR2 (200)	User data segment
USER_DATA20	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA20	NULL	VARCHAR2 (200)	User data segment
DB_JDBC_URL	NULL	VARCHAR2 (2000)	

*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	Column Name
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 Kintana 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
KENV_ENVIRONMENTS	ENVIRONMENT_ID	ENVIRONMENT_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
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(30)	The code for the application
APP_NAME	NOT NULL	VARCHAR2(80)	The full name of the application
ENVIRONMENT_ID	NOT NULL	NUMBER	System-generated identifier
SERVER_BASE_PATH	NULL	VARCHAR2(80)	The initial path for this environment; the server will change to this directory after successfully connecting
SERVER_USERNAME	NULL	VARCHAR2(30)	The default username used when connecting via FTP or Telnet to the machine
SERVER_PASSWORD	NULL	VARCHAR2(200)	(ENCRYPTED) The password used when connecting to the machine
CLIENT_USERNAME	NULL	VARCHAR2(30)	The default username used when connecting via FTP or Telnet to the machine
CLIENT_PASSWORD	NULL	VARCHAR2(200)	(ENCRYPTED) The password used when connecting to the machine
CLIENT_BASE_PATH	NULL	VARCHAR2(80)	The initial path for this environment; the client will change to this directory after successfully connecting
DB_USERNAME	NULL	VARCHAR2(30)	The default username for connecting to or executing scripts against the database
DB_PASSWORD	NULL	VARCHAR2(200)	(ENCRYPTED) The password used when connecting to or executing scripts against the database
DB_LINK	NULL	VARCHAR2(130)	The database link from the Kintana schema to the "apps" user on this database
DB_NAME	NULL	VARCHAR2(30)	Database name used for SQL Server only
DESCRIPTION	NULL	VARCHAR2(240)	The description of the environment
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Determines whether this environment can serve as a source or

Column Name	Null?	Data Type	Description
USER_DATA_SET_CONTEXT_ID	NULL	NUMBER	destination database for a workflow Parameter set context identifier for the user data fields
USER_DATA1	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA1	NULL	VARCHAR2(200)	User data segment
USER_DATA2	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA2	NULL	VARCHAR2(200)	User data segment
USER_DATA3	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA3	NULL	VARCHAR2(200)	User data segment
USER_DATA4	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA4	NULL	VARCHAR2(200)	User data segment
USER_DATA5	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA5	NULL	VARCHAR2(200)	User data segment
USER_DATA6	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA6	NULL	VARCHAR2(200)	User data segment
USER_DATA7	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA7	NULL	VARCHAR2(200)	User data segment
USER_DATA8	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA8	NULL	VARCHAR2(200)	User data segment
USER_DATA9	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA9	NULL	VARCHAR2(200)	User data segment
USER_DATA10	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA10	NULL	VARCHAR2(200)	User data segment
USER_DATA11	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA11	NULL	VARCHAR2(200)	User data segment
USER_DATA12	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA12	NULL	VARCHAR2(200)	User data segment
USER_DATA13	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA13	NULL	VARCHAR2(200)	User data segment
USER_DATA14	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA14	NULL	VARCHAR2(200)	User data segment
USER_DATA15	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA15	NULL	VARCHAR2(200)	User data segment
USER_DATA16	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA16	NULL	VARCHAR2(200)	User data segment
USER_DATA17	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA17	NULL	VARCHAR2(200)	User data segment
USER_DATA18	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA18	NULL	VARCHAR2(200)	User data segment
USER_DATA19	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA19	NULL	VARCHAR2(200)	User data segment
USER_DATA20	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA20	NULL	VARCHAR2(200)	User data segment

*Indexes*

Index Name	Index Type	Sequence	Column Name
KENV_ENV_APPS_N1	NOT UNIQUE	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

Column Name

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KENV\_ENV\_APPS\_S

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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
KDLV_OBJECT_TYPES	OBJECT_TYPE_ID	OBJECT_TYPE_ID
KDLV_PACKAGE_LINES	PACKAGE_LINE_ID	LAST_PACKAGE_LINE_ID
KENV_ENVIRONMENTS	ENVIRONMENT_ID	ENVIRONMENT_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_MIGRATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KWFL_WORKFLOW_STEPS	WORKFLOW_STEP_ID	LAST_WORKFLOW_STEP_ID

### Column Descriptions

Column Name	Null?	Data Type	Description
ENV_CONTENT_ID	NULL	NUMBER	System-generated identifier
CREATION_DATE	NULL	DATE	Date record was created
CREATED_BY	NULL	NUMBER	Identifier for the user that created the record
LAST_UPDATE_DATE	NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NULL	NUMBER	Identifier for the user that last updated the record
ENVIRONMENT_ID	NULL	NUMBER	Environment identifier
OBJECT_TYPE_ID	NULL	NUMBER	Object Type identifier
OBJECT_NAME	NULL	VARCHAR2(300)	Identifies which parameter column of the object will contain the name of an instance of that object.
SOURCE_CODE	NULL	VARCHAR2(30)	It can be manual or automatic. Automatic if it is triggered by Package and manual if it is triggered by external interface or custom code.
SOURCE_NAME	NULL	VARCHAR2(100)	It is a free form field for entering the source
LAST_MIGRATION_DATE	NULL	DATE	The last date in which an object is migrated to/from the environment
LAST_MIGRATED_BY	NULL	NUMBER	The last user to conduct a migration in this environment
LAST_PACKAGE_LINE_ID	NULL	NUMBER	The last Package Line that was executed againsts this environment
LAST_WORKFLOW_STEP_ID	NULL	NUMBER	The final workflow step that was executed againsts this environment
USER_DATA_SET_CONTEXT_ID	NULL	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA1	NULL	VARCHAR2(200)	User data segment
USER_DATA2	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA2	NULL	VARCHAR2(200)	User data segment
USER_DATA3	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA3	NULL	VARCHAR2(200)	User data segment
USER_DATA4	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA4	NULL	VARCHAR2(200)	User data segment



Column Name	Null?	Data Type	Description
USER_DATA5	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA5	NULL	VARCHAR2 (200)	User data segment
USER_DATA6	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA6	NULL	VARCHAR2 (200)	User data segment
USER_DATA7	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA7	NULL	VARCHAR2 (200)	User data segment
USER_DATA8	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA8	NULL	VARCHAR2 (200)	User data segment
USER_DATA9	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA9	NULL	VARCHAR2 (200)	User data segment
USER_DATA10	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA10	NULL	VARCHAR2 (200)	User data segment
USER_DATA11	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA11	NULL	VARCHAR2 (200)	User data segment
USER_DATA12	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA12	NULL	VARCHAR2 (200)	User data segment
USER_DATA13	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA13	NULL	VARCHAR2 (200)	User data segment
USER_DATA14	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA14	NULL	VARCHAR2 (200)	User data segment
USER_DATA15	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA15	NULL	VARCHAR2 (200)	User data segment
USER_DATA16	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA16	NULL	VARCHAR2 (200)	User data segment
USER_DATA17	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA17	NULL	VARCHAR2 (200)	User data segment
USER_DATA18	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA18	NULL	VARCHAR2 (200)	User data segment
USER_DATA19	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA19	NULL	VARCHAR2 (200)	User data segment
USER_DATA20	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA20	NULL	VARCHAR2 (200)	User data segment
OBJECT_REVISION	NULL	VARCHAR2 (200)	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	NOT UNIQUE	1	ENVIRONMENT_ID
KENV_ENV_CONTENTS_N1	NOT UNIQUE	2	OBJECT_TYPE_ID
KENV_ENV_CONTENTS_N1	NOT UNIQUE	3	OBJECT_NAME
KENV_ENV_CONTENTS_N2	NOT UNIQUE	1	OBJECT_TYPE_ID
KENV_ENV_CONTENTS_N2	NOT UNIQUE	2	OBJECT_NAME
KENV_ENV_CONTENTS_U1	UNIQUE	1	ENV_CONTENT_ID

*Sequences*

Sequence Name	Column Name
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
KDLV_OBJECT_TYPES	OBJECT_TYPE_ID	OBJECT_TYPE_ID
KDLV_PACKAGE_LINES	PACKAGE_LINE_ID	LAST_PACKAGE_LINE_ID
KENV_ENVIRONMENTS	ENVIRONMENT_ID	ENVIRONMENT_ID
KENV_ENV_CONTENTS	ENV_CONTENT_ID	ENV_CONTENT_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_MIGRATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KWFL_WORKFLOW_STEPS	WORKFLOW_STEP_ID	LAST_WORKFLOW_STEP_ID

## Column Descriptions

Column Name	Null?	Data Type	Description
ENV_CONTENT_ID	NULL	NUMBER	System-generated identifier
CREATION_DATE	NULL	DATE	Date record was created
CREATED_BY	NULL	NUMBER	Identifier for the user that created the record
LAST_UPDATE_DATE	NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NULL	NUMBER	Identifier for the user that last updated the record
ENVIRONMENT_ID	NULL	NUMBER	Environment Identifier
OBJECT_TYPE_ID	NULL	NUMBER	Object type identifier
OBJECT_NAME	NULL	VARCHAR2(300)	Identifies which parameter column of the object will contain the name of an instance of that object.
SOURCE_CODE	NULL	VARCHAR2(30)	It can be manual or automatic. Automatic if it is triggered by a Package and manual if it is triggered by external interface or custom code.
SOURCE_NAME	NULL	VARCHAR2(100)	It is a free form field for entering the source
LAST_MIGRATION_DATE	NULL	DATE	The last migration date of the object to/from this environment.
LAST_MIGRATED_BY	NULL	NUMBER	The last user to conduct a migration to/from this environment
LAST_PACKAGE_LINE_ID	NULL	NUMBER	The last Package Line that was executed against this environment
LAST_WORKFLOW_STEP_ID	NULL	NUMBER	The final workflow step that was executed against this environment
USER_DATA_SET_CONTEXT_ID	NULL	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA1	NULL	VARCHAR2(200)	User data segment
USER_DATA2	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA2	NULL	VARCHAR2(200)	User data segment
USER_DATA3	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA3	NULL	VARCHAR2(200)	User data segment
USER_DATA4	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA4	NULL	VARCHAR2(200)	User data segment

Column Name	Null?	Data Type	Description
USER_DATA5	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA5	NULL	VARCHAR2 (200)	User data segment
USER_DATA6	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA6	NULL	VARCHAR2 (200)	User data segment
USER_DATA7	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA7	NULL	VARCHAR2 (200)	User data segment
USER_DATA8	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA8	NULL	VARCHAR2 (200)	User data segment
USER_DATA9	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA9	NULL	VARCHAR2 (200)	User data segment
USER_DATA10	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA10	NULL	VARCHAR2 (200)	User data segment
USER_DATA11	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA11	NULL	VARCHAR2 (200)	User data segment
USER_DATA12	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA12	NULL	VARCHAR2 (200)	User data segment
USER_DATA13	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA13	NULL	VARCHAR2 (200)	User data segment
USER_DATA14	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA14	NULL	VARCHAR2 (200)	User data segment
USER_DATA15	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA15	NULL	VARCHAR2 (200)	User data segment
USER_DATA16	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA16	NULL	VARCHAR2 (200)	User data segment
USER_DATA17	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA17	NULL	VARCHAR2 (200)	User data segment
USER_DATA18	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA18	NULL	VARCHAR2 (200)	User data segment
USER_DATA19	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA19	NULL	VARCHAR2 (200)	User data segment
USER_DATA20	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA20	NULL	VARCHAR2 (200)	User data segment
OBJECT_REVISION	NULL	VARCHAR2 (200)	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	NOT UNIQUE	1	ENVIRONMENT_ID
KENV_ENV_CONTENTS_HIST_N1	NOT UNIQUE	2	OBJECT_TYPE_ID
KENV_ENV_CONTENTS_HIST_N1	NOT UNIQUE	3	OBJECT_NAME
KENV_ENV_CONTENTS_HIST_N2	NOT UNIQUE	1	OBJECT_TYPE_ID
KENV_ENV_CONTENTS_HIST_N2	NOT UNIQUE	2	OBJECT_NAME
KENV_ENV_CONTENTS_HIST_U1	UNIQUE	1	ENV_CONTENT_ID

*Sequences*

This table does not use any sequences.

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## 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(100)	Name of the environment group
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flag to determine whether the environment group is currently enabled
PARALLEL_FLAG	NOT NULL	VARCHAR2(1)	Flag to determine whether environment executions should take place in parallel or serially
DESCRIPTION	NULL	VARCHAR2(240)	Description of the environment group
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update

### Indexes

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

### Sequences

Sequence Name	Column Name
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
EXECUTION_SEQ	NULL	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	NOT UNIQUE	1	ENV_GROUP_ID
KENV_ENV_GROUP_ENVS_N2	NOT UNIQUE	1	ENVIRONMENT_ID
KENV_ENV_GROUP_ENVS_U1	UNIQUE	1	ENV_GROUP_ENV_ID

### Sequences

Sequence Name	Column Name
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	NULL	VARCHAR2(30)	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	Column Name
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
KENV_ENVIRONMENTS	ENVIRONMENT_ID	SOURCE_ID
KENV_ENVIRONMENTS	ENVIRONMENT_ID	SUCCEEDED_DEST_ENV_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KWFL_STEP_TRANSACTIONS	STEP_TRANSACTION_ID	STEP_TRANSACTION_ID
KWFL_WORKFLOW_STEPS	WORKFLOW_STEP_ID	WORKFLOW_STEP_ID

### Column Descriptions

Column Name	Null?	Data Type	Description
GROUP_EXEC_RESULT_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user 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
SOURCE_TABLE	NOT NULL	VARCHAR2(30)	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	Column Name
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(80)	Defines the host class. Either "Windows Hosts" or "UNIX Hosts."
OS_FILE_DELIMITER	NOT NULL	VARCHAR2(5)	Identifies the slash type for this operating system ('/' or '\')
DESCRIPTION	NULL	VARCHAR2(240)	The description of the host
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	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	Column Name
KENV_HOST_CLASSES_S	HOST_CLASS_ID



## KENV\_HOST\_CLASS\_MEMBERS

KENV\_HOST\_CLASS\_MEMBERS is an internal table used by Kintana Deliver to group operating systems into host classes.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KENV_HOST_CLASSES	HOST_CLASS_ID	HOST_CLASS_ID
KNTA_USERS	USER_ID	CREATED_BY
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	NULL	VARCHAR2(30)	Lookup code for 'HOST_TYPE_CODE'; defines the operating system type for this host type
DESCRIPTION	NULL	VARCHAR2(240)	Description of the host class member
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Determines whether Deliver recognizes this class of server
SQL_COMMAND	NULL	VARCHAR2(80)	A SQL statement command

### Indexes

Index Name	Index Type	Sequence	Column Name
KENV_HOST_CLASS_MEMBERS_N1	NOT UNIQUE	1	HOST_CLASS_ID
KENV_HOST_CLASS_MEMBERS_U1	UNIQUE	1	HOST_CLASS_MEMBER_ID

### Sequences

Sequence Name	Column Name
KENV_HOST_CLASS_MEMBERS_S	HOST_CLASS_MEMBER_ID

## 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(30)	Not used. Reserved for future use
EXPRESSION	NULL	VARCHAR2(200)	Regular expression to search for
SUBSTITUTION	NULL	VARCHAR2(200)	The substitution text
GLOBAL_FLAG	NOT NULL	VARCHAR2(1)	IF 'Y', the substitution is a global one for the entire line
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user 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

### Indexes

Index Name	Index Type	Sequence	Column Name
KENV_MAINFRAME_PARAMS_U1	UNIQUE	1	PARAMETER_ID

### Sequences

Sequence Name	Column Name
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
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
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

### 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
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
DESCRIPTION	NULL	VARCHAR2(240)	A description for the object
ORIGINAL_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Original value of Enabled Flag for seeded rows
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	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(80)	The source of the object (Oracle, SQL Server, or filesystem)
TABLE_NAME	NULL	VARCHAR2(80)	For database objects, the name of the table
PARENT_OBJECT_ID	NULL	NUMBER	If the Object Level is not 0, the identifier for the parent object within the hierarchy
SELECT_CONDITION	NULL	VARCHAR2(2000)	For database objects, the WHERE condition that restricts what objects are queried
SELECT_SQL	NULL	CLOB	For database objects, the specific SQL used to query the objects
SELECT_ORDERBY	NULL	VARCHAR2(2000)	For database objects, the ORDER BY clause used to sort the objects

### Indexes

Index Name	Index Type	Sequence	Column Name
KENV_OBJECTS_U1	UNIQUE	1	OBJECT_ID

*Sequences*

This table 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(80)	Displayed name of the attribute
COLUMN_NAME	NULL	VARCHAR2(2000)	For database objects, the actual column that is queried
COLUMN_ALIAS	NOT NULL	VARCHAR2(80)	For database objects, the alias for the column that is queried
OBJECT_ID	NULL	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
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
DESCRIPTION	NULL	VARCHAR2(240)	A description for the attribute
ORIGINAL_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Original value of Enabled Flag for seeded rows
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether or not the attribute is used in comparisons
ORIGINAL_ALWAYS_DISPLAY_FLAG	NOT NULL	VARCHAR2(1)	Original value of Always Display Flag for seeded rows
ALWAYS_DISPLAY_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether the attribute is displayed if there are no differences between two objects and the Only Report Differences flag on the comparison reports is set to Yes
ORIGINAL_COMPARE_FLAG	NOT NULL	VARCHAR2(1)	Original value of Compare Flag for seeded rows
COMPARE_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether the attribute is compared for differences when comparing two objects
TYPE	NOT NULL	NUMBER	The data type for the attribute (number, character, date, etc.)
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

Enter a description for KINS\_DEPLOYMENTS here, and verify the Temp Table Flag is correct.

### *Foreign Keys*

This table does not have any foreign keys.

### *Column Descriptions*

Column Name	Null?	Data Type	Description
DEPLOYMENT_ID	NOT NULL	VARCHAR2(40)	System-generated identifier
VERSION	NOT NULL	VARCHAR2(10)	
DEPLOYED_DATE	NULL	DATE	
DESCRIPTION	NULL	VARCHAR2(80)	

### *Indexes*

This table does not have any indexes.

### *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	NULL	NUMBER	The timeout value for the command prior to upgrading to 5.5.
NEW_TIMEOUT_VALUE	NULL	NUMBER	The re-calculated timeout value for the command after upgrading to 5.5.
UPDATED_DATE	NULL	DATE	The date on which the command timeout was recalculated.
DESCRIPTION	NULL	VARCHAR2(80)	

### Indexes

This table does not have any indexes.

### Sequences

This table does not use any sequences.



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## 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
<UNKNOWN> KNTA_USERS	<UNKNOWN> USER_ID	UPGRADE_RUN_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(20)	Version number of the product
PATCH_NUMBER	NULL	VARCHAR2(20)	Patch number of the product
SOURCE	NOT NULL	VARCHAR2(200)	The script that resulted in this message
MESSAGE_TYPE	NOT NULL	VARCHAR2(30)	Indicates whether the message is a warning or error
MESSAGE	NULL	CLOB	The text of the message

### Indexes

Index Name	Index Type	Sequence	Column Name
KINS_UPGRADE_LOGS_N1	NOT UNIQUE	1	UPGRADE_RUN_ID
KINS_UPGRADE_LOGS_N1	NOT UNIQUE	2	SOURCE
KINS_UPGRADE_LOGS_U1	UNIQUE	1	UPGRADE_LOG_ID

### Sequences

Sequence Name	Column Name
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(80)	A text description of the privileges associated with this grant
ACCESS_GRANT_KEY	NOT NULL	NUMBER	Constant identifier for this access grant
PRODUCT_ID	NULL	NUMBER	Identifier for the product this access grant is associated with
DESCRIPTION	NULL	VARCHAR2(200)	Description of the access grant
CATEGORY	NOT NULL	VARCHAR2(100)	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_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
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
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	
SOURCE	NULL	VARCHAR2(100)	

### 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	Column Name
KNTA_ACCESS_SECURITY_S	ACCESS_SECURITY_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(40)	The name of the app server property
DESCRIPTION	NULL	VARCHAR2(240)	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	Column Name
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	NULL	VARCHAR2(30)	Mode of the server

### *Indexes*

This table does not have 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 Kintana configuration file (server.conf) as well as internal server parameters initialized when the Kintana 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 Kintana 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 Kintana 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(40)	The name of the property, such as "BASE_URL"
VALUE	NULL	VARCHAR2(1000)	The value of the property, such as "http://server.kintana.com/kintana/"
SERVER_NAME	NULL	VARCHAR2(80)	The name of the Kintana 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	NOT UNIQUE	1	KEY
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
KACC_ACCELERATORS	ACCELERATOR_ID	ACCELERATOR_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

### Column Descriptions

Column Name	Null?	Data Type	Description
ARCHIVE_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user 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(80)	Filename of bundles to be downloaded by clients
ARCHIVE_NAME	NOT NULL	VARCHAR2(80)	Archive names contained within the bundles
ARCHIVE_TYPE	NULL	VARCHAR2(20)	Archive types or extensions of the archives (zip or jar)
VERSION	NOT NULL	VARCHAR2(10)	Version number of the archive
ACCELERATOR_ID	NULL	NUMBER	Identifier for an accelerator bundle

### Indexes

This table does not have any indexes.

### Sequences

This table does not use any sequences.

## KNTA\_COMMANDS

KNTA\_COMMANDS is a common table to all of the products in the Kintana suite. 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
KCRT_REQUEST_TYPES	REQUEST_TYPE_ID	PARENT_ID
KDLV_OBJECT_TYPES	OBJECT_TYPE_ID	PARENT_ID
KNTA_ENTITIES	ENTITY_ID	PARENT_ENTITY_ID
KNTA_REPORT_TYPES	REPORT_TYPE_ID	PARENT_ID
KNTA_SPECIAL_COMMAND_TYPES	SPECIAL_COMMAND_TYPE_ID	PARENT_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	CREATED_BY
KNTA_VALIDATIONS	VALIDATION_ID	PARENT_ID
KWFL_WORKFLOW_STEPS	WORKFLOW_STEP_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.
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(80)	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	NULL	VARCHAR2(2000)	The condition to evaluate to determine whether or not to run the command steps
DESCRIPTION	NULL	VARCHAR2(240)	A description of the command
TIMEOUT_SECONDS	NULL	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(1)	Determines whether or not the command will exit on failure. (NOT YET IMPLEMENTED).
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Whether or not the command was enabled.



Column Name	Null?	Data Type	Description
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update

*Indexes*

Index Name	Index Type	Sequence	Column Name
KNTA_COMMANDS_N1	NOT UNIQUE	1	PARENT_ENTITY_ID
KNTA_COMMANDS_N1	NOT UNIQUE	2	PARENT_ID
KNTA_COMMANDS_N1	NOT UNIQUE	3	COMMAND_SEQ
KNTA_COMMANDS_U1	UNIQUE	1	COMMAND_ID

*Sequences*

Sequence Name	Column Name
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 Kintana 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	NULL	VARCHAR2(2000)	The command itself (e.g. ksc_copy_server_server)
DESCRIPTION	NULL	VARCHAR2(240)	A description of the command
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Whether or not the command step has been enabled. (Currently not updateable using the command builder.)
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update

### Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_COMMAND_STEPS_N1	NOT UNIQUE	1	COMMAND_ID
KNTA_COMMAND_STEPS_N1	NOT UNIQUE	2	STEP_SEQ
KNTA_COMMAND_STEPS_U1	UNIQUE	1	COMMAND_STEP_ID

*Sequences*

Sequence Name

Column Name

---

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	NULL	VARCHAR2(30)	This identifies the package which generated this debug message.
BLOCK_NAME	NULL	VARCHAR2(30)	This identifies the procedure or function which generated this debug message.
DEBUG_COMMENT	NULL	VARCHAR2(2000)	This is the text of the debug message.

### Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_DEBUG_MESSAGES_N1	NOT UNIQUE	1	DEBUG_SESSION_ID
KNTA_DEBUG_MESSAGES_N1	NOT UNIQUE	2	DEBUG_MESSAGE_ID
KNTA_DEBUG_MESSAGES_N2	NOT UNIQUE	1	CREATION_DATE

### Sequences

Sequence Name	Column Name
KNTA_DEBUG_MESSAGES_S	DEBUG_MESSAGE_ID
KNTA_DEBUG_SESSIONS_S	DEBUG_SESSION_ID

# KNTA\_DEFAULT\_HELP\_CONTENTS

Enter a description for KNTA\_DEFAULT\_HELP\_CONTENTS here, and verify the Temp Table Flag is correct.

## Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
<UNKNOWN>	<UNKNOWN>	PARENT_ENTITY_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
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	
ENTITY_PRIMARY_KEY	NOT NULL	NUMBER	
PARENT_ENTITY_ID	NOT NULL	NUMBER	
PARENT_ENTITY_PRIMARY_KEY	NOT NULL	NUMBER	
HELP_CONTENTS	NOT NULL	CLOB	
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	
SOURCE	NULL	VARCHAR2(100)	

## Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_DEFAULT_HELP_CONTENTS_N1	NOT UNIQUE	1	PARENT_ENTITY_ID
KNTA_DEFAULT_HELP_CONTENTS_N1	NOT UNIQUE	2	PARENT_ENTITY_PRIMARY_KEY
KNTA_DEFAULT_HELP_CONTENTS_U1	UNIQUE	1	DEFAULT_HELP_CONTENT_ID

## Sequences

Sequence Name	Column Name
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_ENTITIES	ENTITY_ID	PARENT_ENTITY_ID
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	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

## Column Descriptions

Column Name	Null?	Data Type	Description
DOCUMENT_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user that created the record
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NOT NULL	NUMBER	Identifier for the user that last updated the record
NAME	NOT NULL	VARCHAR2(200)	File name minus extension
EXTENSION	NULL	VARCHAR2(50)	Extension
CHECKED_OUT_BY	NULL	NUMBER	user id
CHECKED_OUT_DATE	NULL	DATE	date
CHECKED_IN_BY	NOT NULL	NUMBER	user id
CHECKED_IN_DATE	NOT NULL	DATE	date
DESCRIPTION	NULL	VARCHAR2(1800)	description
AUTHOR	NULL	VARCHAR2(200)	author, free-form text
FILESIZE	NOT NULL	NUMBER	file size
VERSION_NUMBER	NOT NULL	NUMBER	version number
KEYWORDS	NULL	VARCHAR2(1800)	key words
VERSION_COMMENT	NULL	VARCHAR2(200)	version comment
PARENT_ENTITY_ID	NULL	NUMBER	e.g. request
PARENT_PRIMARY_KEY	NULL	NUMBER	e.g. containing request id
DOCUMENT_TYPE_ID	NULL	VARCHAR2(30)	Reference or component
DOCUMENT HOLDER_ID	NULL	NUMBER	Component index

## Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_DOCUMENTS_N1	NOT UNIQUE	1	PARENT_ENTITY_ID
KNTA_DOCUMENTS_N1	NOT UNIQUE	2	PARENT_PRIMARY_KEY
KNTA_DOCUMENTS_N2	NOT UNIQUE	1	DOCUMENT_TYPE_ID
KNTA_DOCUMENTS_N2	NOT UNIQUE	2	DOCUMENT HOLDER_ID
KNTA_DOCUMENTS_U1	UNIQUE	1	DOCUMENT_ID

*Sequences*

Sequence Name

Column Name

---

KNTA\_DOCUMENTS\_S

---

DOCUMENT\_ID

# KNTA\_ENTITIES

KNTA\_ENTITIES stores information about the database tables that make up a business category within Kintana. The information here supports token evaluation and database-level locking of records.

## Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_ENTITIES	ENTITY_ID	PARENT_ENTITY_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
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(30)	The name for the entity
ENTITY_SHORT_NAME	NOT NULL	VARCHAR2(30)	The short name for the entity
DESCRIPTION	NULL	VARCHAR2(240)	Description of the entity
TOKEN_PREFIX	NULL	VARCHAR2(30)	The prefix used in token evaluation when referencing a token for an entity
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether or not the entity is available for use
TABLE_NAME	NULL	VARCHAR2(30)	The database table that stores data for the entity
PRIMARY_KEY	NULL	VARCHAR2(30)	The name of the column that stores the unique identifier for the table
USER_PRIMARY_KEY	NULL	VARCHAR2(30)	The name of the column that stores the unique user-defined name for the table
PARENT_ENTITY_ID	NULL	NUMBER	The identifier for the parent entity of the current entity
PARENT_FOREIGN_KEY	NULL	VARCHAR2(30)	The name of the column in the associated table that uniquely identifies a row in the parent table
PARSE_PACKAGE_NAME	NULL	VARCHAR2(30)	The name of the database package used to determine context information for any notification trigger on the table
PARSE_FUNCTION_NAME	NULL	VARCHAR2(30)	The name of the function within the database package used to determine context information for any notification trigger on the table
VALIDATION_ID	NULL	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	NOT UNIQUE	1	PARENT_ENTITY_ID
KNTA_ENTITIES_U1	UNIQUE	1	ENTITY_ID
KNTA_ENTITIES_U2	UNIQUE	1	TOKEN_PREFIX

*Sequences*

Sequence Name	Column Name
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(30)	Name of the business function that groups the entities together
DESCRIPTION	NULL	VARCHAR2(240)	Description of the group
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	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	Column Name
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
KNTA_ENTITY_GROUP_MEMBERS_U2	UNIQUE	1	ENTITY_GROUP_ID
KNTA_ENTITY_GROUP_MEMBERS_U2	UNIQUE	2	ENTITY_ID

### Sequences

Sequence Name	Column Name
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_ENTITIES	ENTITY_ID	PARENT_ENTITY_ID
KNTA_ENTITIES	ENTITY_ID	CHILD_ENTITY_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

### 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(30)	For example, indicates if we are restricting workflow based on sec group (SG_WF), app_code based on sec group (SG_APP) or object type based on workflow (WF_OBJ)
PARENT_ENTITY_ID	NOT NULL	NUMBER	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(80)	The primary key id of the parent entity instance
CHILD_VALUE	NOT NULL	VARCHAR2(80)	The primary key id of the child entity instance
EXCLUDE_FLAG	NOT NULL	VARCHAR2(1)	Indicates if this is an exclusion or an inclusion (currently all are exclusions)
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update

*Indexes*

Index Name	Index Type	Sequence	Column Name
KNTA_ENTITY_RESTRICTIONS_N1	NOT UNIQUE	1	CHILD_VALUE
KNTA_ENTITY_RESTRICTIONS_N1	NOT UNIQUE	2	PARENT_VALUE
KNTA_ENTITY_RESTRICTIONS_N1	NOT UNIQUE	3	RESTRICTION_TYPE
KNTA_ENTITY_RESTRICTIONS_N2	NOT UNIQUE	1	PARENT_VALUE
KNTA_ENTITY_RESTRICTIONS_N2	NOT UNIQUE	2	RESTRICTION_TYPE
KNTA_ENTITY_RESTRICTIONS_U1	UNIQUE	1	ENTITY_RESTRICTION_ID

*Sequences*

Sequence Name	Column Name
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(30)	Access type for the security group. Two possible value 'USER' or 'EDIT' and stored in lookup table
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Whether the association is enabled
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update

### Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_ENTITY_SECURITY_N1	NOT UNIQUE	1	ENTITY_ID
KNTA_ENTITY_SECURITY_N1	NOT UNIQUE	2	ENTITY_VALUE
KNTA_ENTITY_SECURITY_N2	NOT UNIQUE	1	SECURITY_GROUP_ID
KNTA_ENTITY_SECURITY_U1	UNIQUE	1	ENTITY_SECURITY_ID

### Sequences

Sequence Name	Column Name
KNTA_ENTITY_SECURITY_S	ENTITY_SECURITY_ID

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## KNTA\_ENTITY\_TABLES

KNTA\_ENTITY\_TABLES stores the hierarchy of the interface tables used by each of the Kintana migrators.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_ENTITIES	ENTITY_ID	ENTITY_ID
KNTA_ENTITY_TABLES	ENTITY_TABLE_ID	PARENT_TABLE_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

### 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(30)	The name of the interface table that is used in migrating a business entity
DESCRIPTION	NULL	VARCHAR2(200)	The description of the table within the hierarchy
ENABLED_FLAG	NULL	VARCHAR2(1)	Indicates whether or not the interface table is enabled for the business entity
PARENT_TABLE_ID	NULL	NUMBER	The identifier for the parent interface table

### Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_ENTITY_TABLES_N1	NOT UNIQUE	1	ENTITY_ID
KNTA_ENTITY_TABLES_U1	UNIQUE	1	ENTITY_TABLE_ID

### Sequences

This table does not use any sequences.

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## 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(40)	The specific token that can used for an entity
TOKEN_NAME	NOT NULL	VARCHAR2(40)	The name of the token
TOKEN_SHORT_NAME	NULL	VARCHAR2(20)	The short name of the token. This is displayed as a column header on Package notifications.
DESCRIPTION	NULL	VARCHAR2(240)	A description for the token
ENTITY_ID	NOT NULL	NUMBER	The entity identifier to which this token belongs
DEFAULT_COLUMN_SIZE	NULL	NUMBER	The default column size for the token, when displayed in a notification detail column
ENCRYPTED_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether the value for the token is stored in encrypted form
COLUMN_NAME	NULL	VARCHAR2(80)	The name of the column in the table (KNTA_ENTITIES.TABLE_NAME) that from which the token gets its value
TOKEN_SQL	NULL	VARCHAR2(2000)	A SQL statement that is used to evaluate a token to its value
RECIPIENT_TYPE_CODE	NULL	VARCHAR2(30)	If the token evaluates to a recipient (user, security group, or email address), this is the type of recipient
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	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

Column Name

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KNTA\_ENTITY\_TOKENS\_S

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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
KDRV_PROJECTS	PROJECT_ID	SOURCE_ID
KNTA_ENTITIES	ENTITY_ID	SOURCE_ENTITY_ID
KNTA_EXCEPTION_RULES	EXCEPTION_RULE_ID	EXCEPTION_RULE_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

## 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
SOURCE_ID	NOT NULL	NUMBER	Source identifier, could be an identifier of a project, task, request, package or package line
EXCEPTION_MESSAGE VIOLATION	NULL	VARCHAR2(2000)	Exception message text
VIOLATION	NULL	VARCHAR2(250)	Violation attribute

## Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_EXCEPTIONS_N1	NOT UNIQUE	1	SOURCE_ENTITY_ID
KNTA_EXCEPTIONS_N1	NOT UNIQUE	2	SOURCE_ID
KNTA_EXCEPTIONS_N2	NOT UNIQUE	1	EXCEPTION_RULE_ID
KNTA_EXCEPTIONS_N3	NOT UNIQUE	1	EXCEPTION_ID

## Sequences

Sequence Name	Column Name
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
KDRV_PROJECTS	PROJECT_ID	SOURCE_ID
KNTA_ENTITIES	ENTITY_ID	SOURCE_ENTITY_ID
KNTA_EXCEPTION_RULE_TYPES	EXCEPTION_RULE_TYPE_ID	EXCEPTION_RULE_TYPE_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

### 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
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(1)	Y or N flag, denotes whether the rule is enabled
INCLUDE_IN_ROLLUP_FLAG	NOT NULL	VARCHAR2(1)	Y or N flag, specifies whether this rule is considered for summary condition calculation
PARSED_CONDITION	NULL	VARCHAR2(2000)	Parsed SQL statement (for future use)
PARAMETER_SET_CONTEXT_ID	NULL	NUMBER	The identifier of the parameter set context associated with this Exception rule
PARAMETER1	NULL	VARCHAR2(250)	Exception detail parameter
VISIBLE_PARAMETER1	NULL	VARCHAR2(250)	Exception detail parameter
PARAMETER2	NULL	VARCHAR2(250)	Exception detail parameter
VISIBLE_PARAMETER2	NULL	VARCHAR2(250)	Exception detail parameter
PARAMETER3	NULL	VARCHAR2(250)	Exception detail parameter
VISIBLE_PARAMETER3	NULL	VARCHAR2(250)	Exception detail parameter
PARAMETER4	NULL	VARCHAR2(250)	Exception detail parameter
VISIBLE_PARAMETER4	NULL	VARCHAR2(250)	Exception detail parameter
PARAMETER5	NULL	VARCHAR2(250)	Exception detail parameter
VISIBLE_PARAMETERS5	NULL	VARCHAR2(250)	Exception detail parameter
PARAMETER6	NULL	VARCHAR2(250)	Exception detail parameter
VISIBLE_PARAMETER6	NULL	VARCHAR2(250)	Exception detail parameter
PARAMETER7	NULL	VARCHAR2(250)	Exception detail parameter
VISIBLE_PARAMETER7	NULL	VARCHAR2(250)	Exception detail parameter

Column Name	Null?	Data Type	Description
PARAMETER8	NULL	VARCHAR2(250)	Exception detail parameter
VISIBLE_PARAMETER8	NULL	VARCHAR2(250)	Exception detail parameter
PARAMETER9	NULL	VARCHAR2(250)	Exception detail parameter
VISIBLE_PARAMETER9	NULL	VARCHAR2(250)	Exception detail parameter
PARAMETER10	NULL	VARCHAR2(250)	Exception detail parameter
VISIBLE_PARAMETER10	NULL	VARCHAR2(250)	Exception detail parameter
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.

#### Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_EXCEPTION_RULES_N1	NOT UNIQUE	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	Column Name
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(100)	Name of the rule type
DESCRIPTION	NULL	VARCHAR2(300)	Description
ROLLUP_EXCEPTION_FLAG	NOT NULL	VARCHAR2(1)	Y or N flag, denotes whether this rule type is considered in the rollup calculations
DEFAULT_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Y or N flag, denotes whether the rule created from this type is enabled by default
DEFAULT_INCLUDE_IN_ROLLUP_FLAG	NOT NULL	VARCHAR2(1)	Y or N flag, denotes whether the rule created from this type is included in the rollup calculations by default
CONDITION	NULL	CLOB	Condition SQL statement for evaluating an exception
DISPLAYED_RULE	NULL	VARCHAR2(2000)	Rule displayed to the user
ICON_NAME	NULL	VARCHAR2(100)	Name of the icon for this exception rule type
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.
USER_DATA_SET_CONTEXT_ID	NULL	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA1	NULL	VARCHAR2(250)	User data segment
USER_DATA2	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA2	NULL	VARCHAR2(250)	User data segment

Column Name	Null?	Data Type	Description
USER_DATA3	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA3	NULL	VARCHAR2 (250)	User data segment
USER_DATA4	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA4	NULL	VARCHAR2 (250)	User data segment
USER_DATA5	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA5	NULL	VARCHAR2 (250)	User data segment
USER_DATA6	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA6	NULL	VARCHAR2 (250)	User data segment
USER_DATA7	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA7	NULL	VARCHAR2 (250)	User data segment
USER_DATA8	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA8	NULL	VARCHAR2 (250)	User data segment
USER_DATA9	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA9	NULL	VARCHAR2 (250)	User data segment
USER_DATA10	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA10	NULL	VARCHAR2 (250)	User data segment
USER_DATA11	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA11	NULL	VARCHAR2 (250)	User data segment
USER_DATA12	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA12	NULL	VARCHAR2 (250)	User data segment
USER_DATA13	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA13	NULL	VARCHAR2 (250)	User data segment
USER_DATA14	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA14	NULL	VARCHAR2 (250)	User data segment
USER_DATA15	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA15	NULL	VARCHAR2 (250)	User data segment
USER_DATA16	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA16	NULL	VARCHAR2 (250)	User data segment
USER_DATA17	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA17	NULL	VARCHAR2 (250)	User data segment
USER_DATA18	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA18	NULL	VARCHAR2 (250)	User data segment
USER_DATA19	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA19	NULL	VARCHAR2 (250)	User data segment
USER_DATA20	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA20	NULL	VARCHAR2 (250)	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	Column Name
KNTA_EXCEPTION_RULE_TYPES_S	EXCEPTION_RULE_TYPE_ID

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## 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(50)	The External product interfaced with kintana.
SYNCH_DATE	NULL	DATE	The last time this record was modified.
FORMATTED_DATE	NULL	VARCHAR2(50)	String representation of the date if required by the third party interface.
DESCRIPTION	NULL	VARCHAR2(240)	Description regarding the third party interface.

### Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_EXTERNAL_SYNC_N1	NOT UNIQUE	1	EXTERNAL_SYNC_ID
KNTA_EXTERNAL_SYNC_N1	NOT UNIQUE	2	EXTERNAL_PRODUCT
KNTA_EXTERNAL_SYNC_U1	UNIQUE	1	EXTERNAL_SYNC_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_ENTITIES	ENTITY_ID	PARENT_ENTITY_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	AUTHOR_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY

### 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
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	NULL	VARCHAR2(30)	Currently only applicable for Request notes, stores the request status id
NOTE_CONTEXT_VISIBLE_VALUE	NULL	VARCHAR2(80)	Currently only applicable for Request notes, stores the request status name
OLD_COLUMN_VALUE	NULL	VARCHAR2(1800)	Column's previous hidden value
OLD_VISIBLE_COLUMN_VALUE	NULL	VARCHAR2(1800)	Column's previous visible value
NEW_COLUMN_VALUE	NULL	VARCHAR2(1800)	Column's new hidden value
NEW_VISIBLE_COLUMN_VALUE	NULL	VARCHAR2(1800)	Column's new visible value
COLUMN_PROMPT	NOT NULL	VARCHAR2(80)	Prompt of the field that was changed

### Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_FIELD_CHANGE_NOTES_N1	NOT UNIQUE	1	PARENT_ENTITY_PRIMARY_KEY
KNTA_FIELD_CHANGE_NOTES_N1	NOT UNIQUE	2	PARENT_ENTITY_ID
KNTA_FIELD_CHANGE_NOTES_U1	UNIQUE	1	FIELD_CHANGE_NOTE_ID



*Sequences*

Sequence Name

Column Name

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KNTA\_FIELD\_CHANGE\_NOTES\_S

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FIELD\_CHANGE\_NOTE\_ID

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## 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_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_VALIDATIONS	VALIDATION_ID	VALIDATION_ID
KNTA_VALIDATION_PROFILES	VALIDATION_PROFILE_ID	VALIDATION_PROFILE_ID

### Column Descriptions

Column Name	Null?	Data Type	Description
FIELD_FILTER_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user 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	NULL	NUMBER	Validation to be used for a selected filter
VALIDATION_PROFILE_ID	NOT NULL	NUMBER	Validation Profile of the field
FILTER_CODE	NOT NULL	VARCHAR2(30)	Filter Code for this particular relationship between Validation Profile and Validation

### Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_FIELD_FILTERS_N1	NOT UNIQUE	1	VALIDATION_PROFILE_ID
KNTA_FIELD_FILTERS_U1	UNIQUE	1	FIELD_FILTER_ID

### Sequences

Sequence Name	Column Name
KNTA_FIELD_FILTERS_S	FIELD_FILTER_ID

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## 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_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
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(80)	Name of the field group
DESCRIPTION	NULL	VARCHAR2(240)	A description of the field group
ENTITY_ID	NULL	NUMBER	Identifier for the entity which is associated with this field group
TABLE_NAME	NOT NULL	VARCHAR2(30)	The name of the database table that stores the group's field values
INTERFACE_TABLE_NAME	NOT NULL	VARCHAR2(30)	The name of the database table that the request open interface will use to import data into the field group's table

### 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_PARAMETER_SET_FIELDS	PARAMETER_SET_FIELD_ID	PARAMETER_SET_FIELD_ID
KNTA_SECURITY_GROUPS	SECURITY_GROUP_ID	SECURITY_GROUP_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	USER_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY

### Column Descriptions

Column Name	Null?	Data Type	Description
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(30)	The code of the type of security linked to this step
SECURITY_GROUP_ID	NULL	NUMBER	The security group ID of the security group linked as security to the field
USER_ID	NULL	NUMBER	The user ID of the user linked as security to the field
TOKEN_TYPE_CODE	NULL	VARCHAR2(30)	Either 'STANDARD' if token linked is a standard kintana token or 'USER_DEFINED' if the token linked is user defined
TOKEN	NULL	VARCHAR2(80)	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(1)	This flag indicates whether or not the field is editable by the defined security
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	This flag indicates whether or not this field security is enabled
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update

*Indexes*

Index Name	Index Type	Sequence	Column Name
KNTA_FIELD_SECURITY_N1	NOT UNIQUE	1	PARAMETER_SET_FIELD_ID
KNTA_FIELD_SECURITY_N1	NOT UNIQUE	2	SECURITY_GROUP_ID
KNTA_FIELD_SECURITY_N1	NOT UNIQUE	3	SECURITY_TYPE_CODE
KNTA_FIELD_SECURITY_N2	NOT UNIQUE	1	PARAMETER_SET_FIELD_ID
KNTA_FIELD_SECURITY_N2	NOT UNIQUE	2	USER_ID
KNTA_FIELD_SECURITY_N2	NOT UNIQUE	3	SECURITY_TYPE_CODE
KNTA_FIELD_SECURITY_N3	NOT UNIQUE	1	PARAMETER_SET_FIELD_ID
KNTA_FIELD_SECURITY_N3	NOT UNIQUE	2	TOKEN
KNTA_FIELD_SECURITY_N3	NOT UNIQUE	3	SECURITY_TYPE_CODE
KNTA_FIELD_SECURITY_U1	UNIQUE	1	FIELD_SECURITY_ID

*Sequences*

Sequence Name	Column Name
KNTA_FIELD_SECURITY_S	FIELD_SECURITY_ID

# KNTA\_HELP\_CONTENTS

Enter a description for KNTA\_HELP\_CONTENTS here, and verify the Temp Table Flag is correct.

## Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
<UNKNOWN>	<UNKNOWN>	PARENT_ENTITY_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
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	
ENTITY_PRIMARY_KEY	NOT NULL	NUMBER	
PARENT_ENTITY_ID	NOT NULL	NUMBER	
PARENT_ENTITY_PRIMARY_KEY	NOT NULL	NUMBER	
HELP_CONTENTS	NOT NULL	CLOB	
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	
SOURCE	NULL	VARCHAR2(100)	

## Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_HELP_CONTENTS_N1	NOT UNIQUE	1	PARENT_ENTITY_ID
KNTA_HELP_CONTENTS_N1	NOT UNIQUE	2	PARENT_ENTITY_PRIMARY_KEY
KNTA_HELP_CONTENTS_U1	UNIQUE	1	HELP_CONTENT_ID

## Sequences

Sequence Name	Column Name
KNTA_HELP_CONTENTS_S	HELP_CONTENT_ID

## KNTA\_I18N\_RESOURCES

This table holds all the language specific resources used by Kintana. The resources are extracted into property files for JAVA code. The PL/SQL code refers to these resources directly through KNTA\_I18N\_RESOURCE.GET function calls.

### Foreign Keys

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

### Column Descriptions

Column Name	Null?	Data Type	Description
RESOURCE_ID	NOT NULL	NUMBER	System-generated identifier
KEY	NOT NULL	VARCHAR2(100)	The key to identify a resource
VALUE	NOT NULL	VARCHAR2(2000)	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(50)	The product which uses this resource (KNTA, KCRT, etc)
DESCRIPTION	NULL	VARCHAR2(2000)	A description of the resource. This is used by the translators to translate contextually.
LANGUAGE_CODE	NOT NULL	VARCHAR2(50)	A concatenation of oracle nls_language and nls_territory
TRANSLATABLE	NULL	VARCHAR2(1)	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(10)	Indicates whether the resource is used only in applet code, jsp code or in reports.
BUNDLE_MODIFIED	NULL	VARCHAR2(1)	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	Column Name
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
<UNKNOWN>	TRANSACTION_ID	INTERFACE_SOURCE_ID
KCRT_CONTACTS_INT	CONTACT_INTERFACE_ID	INTERFACE_SOURCE_ID
KCRT_REQUESTS_INT	TRANSACTION_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
KDLV_PACKAGE_NOTES_INT	PACKAGE_NOTE_INTERFACE_ID	INTERFACE_SOURCE_ID
KDLV_TRANSACTIONS_INT	TRANSACTION_INTERFACE_ID	INTERFACE_SOURCE_ID
KDRV_PROJECTS_INT	TRANSACTION_ID	INTERFACE_SOURCE_ID
KNTA_MESSAGE_TYPES	MESSAGE_TYPE_ID	MESSAGE_TYPE_ID
KNTA_USERS_INT	TRANSACTION_ID	INTERFACE_SOURCE_ID
KWFL_STEP_TRANSITIONS_INT	TRANSACTION_ID	INTERFACE_SOURCE_ID
KWFL_TRANSACTIONS_INT	TRANSACTION_ID	INTERFACE_SOURCE_ID

### Column Descriptions

Column Name	Null?	Data Type	Description
INTERFACE_ERROR_ID	NOT NULL	NUMBER	System-generated identifier
INTERFACE_TABLE_NAME	NOT NULL	VARCHAR2(30)	Name of the interface table that caused the error
INTERFACE_SOURCE_ID	NOT NULL	NUMBER	ID of the interface table record that caused the error
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	NULL	VARCHAR2(100)	Name of the error message
MESSAGE	NULL	VARCHAR2(2000)	Error message

### Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_INTERFACE_ERRORS_N1	NOT UNIQUE	1	GROUP_ID
KNTA_INTERFACE_ERRORS_N1	NOT UNIQUE	2	INTERFACE_SOURCE_ID
KNTA_INTERFACE_ERRORS_N2	NOT UNIQUE	1	INTERFACE_SOURCE_ID
KNTA_INTERFACE_ERRORS_N2	NOT UNIQUE	2	GROUP_ID
KNTA_INTERFACE_ERRORS_N3	NOT UNIQUE	1	INTERFACE_ERROR_ID

### Sequences

Sequence Name	Column Name
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
KCRT_REQUESTS	REQUEST_ID	ENTITY_PRIMARY_KEY_ID
KDLV_PACKAGES	PACKAGE_ID	ENTITY_PRIMARY_KEY_ID
KNTA_ENTITIES	ENTITY_ID	ENTITY_ID
KNTA_REPORT_SUBMISSIONS	REPORT_SUBMISSION_ID	ENTITY_PRIMARY_KEY_ID
KNTA_SERVER_RESTARTS	SERVER_RESTART_ID	SERVER_RESTART_ID
KNTA_USERS	USER_ID	LAUNCHED_BY_USER_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.
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(200)	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	Column Name
KNTA_INTERRUPTED_EXECUTIONS_S	INTERRUPTED_EXECUTION_ID

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## 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(129)	A concatenation of Oracle NLS language and territory codes
ISO_LANG_CODE	NOT NULL	VARCHAR2(30)	An ISO language code recognized by the Java VM
ISO_COUNTRY_CODE	NOT NULL	VARCHAR2(80)	An ISO country code recognized by the Java VM
INSTALLED_LANGUAGE_FLAG	NOT NULL	VARCHAR2(1)	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.

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## 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	NULL	NUMBER	Identifier for the user that tried to connect
USERNAME	NOT NULL	VARCHAR2(200)	The username of the user that tried to connect
CLIENT_ADDRESS	NOT NULL	VARCHAR2(30)	The IP address the client attempted to connect from
SUCCESS_FLAG	NOT NULL	VARCHAR2(1)	Whether or not the logon was completed successfully
FAILURE_MESSAGE_NAME	NULL	VARCHAR2(30)	The reason for failure if the attempt failed

### Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_LOGON_ATTEMPTS_N1	NOT UNIQUE	1	USERNAME
KNTA_LOGON_ATTEMPTS_U1	UNIQUE	1	LOGON_ATTEMPT_ID
KNTA_LOGON_ATTEMPTS_U2	UNIQUE	1	USER_ID
KNTA_LOGON_ATTEMPTS_U2	UNIQUE	2	CREATION_DATE
KNTA_LOGON_ATTEMPTS_U2	UNIQUE	3	LOGON_ATTEMPT_ID

### Sequences

Sequence Name	Column Name
KNTA_LOGON_ATTEMPTS_S	LOGON_ATTEMPT_ID

## KNTA\_LOOKUPS

The KNTA\_LOOKUPS table stores all of the static values used in validations for Kintana products. Each row includes a code and a meaning for that code. Kintana 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_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
LOOKUP_TYPE	NOT NULL	VARCHAR2(80)	Defines the type of lookup (e.g. "HOST_CLASS")
LOOKUP_CODE	NOT NULL	VARCHAR2(40)	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
SEQ	NOT NULL	NUMBER	Uniquely sequences the lookup codes within a given lookup type
MEANING	NOT NULL	VARCHAR2(80)	The meaning displayed to the user in screens, reports, etc.
DESCRIPTION	NULL	VARCHAR2(240)	Description for the lookup value
DEFAULT_FLAG	NOT NULL	VARCHAR2(1)	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(1)	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(1)	Determines whether this lookup code is active or not; disabled lookup codes are not shown in drop list components
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update
USER_DATA_SET_CONTEXT_ID	NULL	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA1	NULL	VARCHAR2(200)	User data segment

Column Name	Null?	Data Type	Description
USER_DATA2	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA2	NULL	VARCHAR2 (200)	User data segment
USER_DATA3	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA3	NULL	VARCHAR2 (200)	User data segment
USER_DATA4	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA4	NULL	VARCHAR2 (200)	User data segment
USER_DATA5	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA5	NULL	VARCHAR2 (200)	User data segment
USER_DATA6	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA6	NULL	VARCHAR2 (200)	User data segment
USER_DATA7	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA7	NULL	VARCHAR2 (200)	User data segment
USER_DATA8	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA8	NULL	VARCHAR2 (200)	User data segment
USER_DATA9	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA9	NULL	VARCHAR2 (200)	User data segment
USER_DATA10	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA10	NULL	VARCHAR2 (200)	User data segment
USER_DATA11	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA11	NULL	VARCHAR2 (200)	User data segment
USER_DATA12	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA12	NULL	VARCHAR2 (200)	User data segment
USER_DATA13	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA13	NULL	VARCHAR2 (200)	User data segment
USER_DATA14	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA14	NULL	VARCHAR2 (200)	User data segment
USER_DATA15	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA15	NULL	VARCHAR2 (200)	User data segment
USER_DATA16	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA16	NULL	VARCHAR2 (200)	User data segment
USER_DATA17	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA17	NULL	VARCHAR2 (200)	User data segment
USER_DATA18	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA18	NULL	VARCHAR2 (200)	User data segment
USER_DATA19	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA19	NULL	VARCHAR2 (200)	User data segment
USER_DATA20	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA20	NULL	VARCHAR2 (200)	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.

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## KNTA\_MESSAGES

KNTA\_MESSAGES stores all of the error, warning and informational messages that Kintana product displays.

### Foreign Keys

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

### 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(80)	The name of the message
MESSAGE_TYPE_ID	NOT NULL	NUMBER	Message type identifier
PRODUCT_CODE	NOT NULL	VARCHAR2(30)	The associated product for the message
LANGUAGE_CODE	NOT NULL	VARCHAR2(30)	A concatenation of Oracle NLS language and territory
DYNAMIC_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether the DISPLAY_TEXT field allows string substitutions (currently, this field is informational only)
DISPLAY_TEXT	NULL	VARCHAR2(2000)	The text displayed to the user
ERROR_CAUSE	NULL	VARCHAR2(2000)	The reason for the error
SOLUTION	NULL	VARCHAR2(2000)	A description of how to resolve the error

### Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_MESSAGES_N1	NOT UNIQUE	1	PRODUCT_CODE
KNTA_MESSAGES_N1	NOT UNIQUE	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.

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## 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(80)	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.

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## KNTA\_NOTE\_ENTRIES

Stores the notes for all entities.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_ENTITIES	ENTITY_ID	PARENT_ENTITY_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	AUTHOR_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY

### 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
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	NULL	VARCHAR2(30)	Only applicable for request notes, stores the request status id
NOTE_CONTEXT_VISIBLE_VALUE	NULL	VARCHAR2(80)	Only applicable for request notes, stores the request status name
NOTE	NULL	CLOB	The text of the note

### Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_NOTE_ENTRIES_N1	NOT UNIQUE	1	PARENT_ENTITY_PRIMARY_KEY
KNTA_NOTE_ENTRIES_N1	NOT UNIQUE	2	PARENT_ENTITY_ID
KNTA_NOTE_ENTRIES_U1	UNIQUE	1	NOTE_ENTRY_ID

### Sequences

Sequence Name	Column Name
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 Kintana. 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 Create and Deliver 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_NOTIFICATION_COLUMNS	NOTIFICATION_COLUMN_ID	NOTIFICATION_COLUMN_ID
KNTA_NOTIFICATION_INTERVALS	INTERVAL_ID	INTERVAL_ID
KNTA_NOTIFICATION_TYPES	NOTIFICATION_TYPE_ID	NOTIFICATION_TYPE_ID
KNTA_NOTIF_TYPE_MESSAGES	NOTIF_TYPE_MESSAGE_ID	NOTIF_TYPE_MESSAGE_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

## 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
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
DESCRIPTION	NULL	VARCHAR2(240)	Description of notification
NOTIFICATION_TYPE_ID	NOT NULL	NUMBER	Notification type identifier
CONDITION_VALUE	NULL	VARCHAR2(80)	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	NULL	VARCHAR2(80)	The actual value of the event defined for the notification type
VISIBLE_EVENT_VALUE	NULL	VARCHAR2(80)	The visible value of the event defined for the notification type
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Whether or not this notification is enabled to create email notifications.
INTERVAL_ID	NOT NULL	NUMBER	Interval identifier
NOTIF_TYPE_MESSAGE_ID	NULL	NUMBER	Notif type message identifier
FROM_RECIPIENT_TYPE_CODE	NULL	VARCHAR2(30)	Specifies whether the From field represents an email address, username, token, etc.
FROM_TOKEN_TYPE_CODE	NULL	VARCHAR2(30)	Specifies whether it's a standard or a user-defined token.
FROM_ADDRESS	NULL	VARCHAR2(80)	From address listed in the header of an email.
SUBJECT	NULL	VARCHAR2(240)	Subject of the email notification
REPLY_TO_RECIPIENT_TYPE_CODE	NULL	VARCHAR2(30)	Specifies whether the Reply field represents an email address,

Column Name	Null?	Data Type	Description
REPLY_TO_TOKEN_TYPE_CODE	NULL	VARCHAR2(30)	username, token, etc. Specifies whether it's a standard or a user-defined token.
REPLY_TO_ADDRESS	NULL	VARCHAR2(80)	Reply To address listed in the header of an email.
CONTENT_TYPE_CODE	NULL	VARCHAR2(30)	Specifies the format of the email message.
PARENT_TEXT	NOT NULL	CLOB	The text with tokens defined for the specific notification
NOTIFICATION_COLUMN_ID	NULL	NUMBER	Notification column identifier - is referenced as the parent key of KNTA_NOTIFICATION_COLUMNS.
DELETE_FLAG	NOT NULL	VARCHAR2(1)	A flag to determine if obsolete email notifications should be mailed or deleted
REMINDER_DAYS	NULL	NUMBER	The number of days of no response to a notification after which another notification is sent
NOTIFICATION_SET_ID	NULL	NUMBER	Used interanally to group notifications
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULL	VARCHAR2(100)	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(50)	Indicates the format of notification output: HTML or plain text
PARAMETER_SET_FIELD_ID	NULL	NUMBER	Identifier of the field in the header type that the notification is tied to
SEND_ON_SUBMIT_FLAG	NOT NULL	VARCHAR2(1)	Flag to determine whether to send the notification on submit
MINUTE_OFFSET	NULL	NUMBER	Minutes to wait before notification is sent

#### Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_NOTIFICATIONS_N1	NOT UNIQUE	1	NOTIFICATION_TYPE_ID
KNTA_NOTIFICATIONS_N2	NOT UNIQUE	1	CONDITION_VALUE
KNTA_NOTIFICATIONS_N3	NOT UNIQUE	1	NOTIFICATION_SET_ID
KNTA_NOTIFICATIONS_U1	NOT UNIQUE	1	NOTIFICATION_ID

#### Sequences

Sequence Name	Column Name
KNTA_NOTIFICATIONS_S	NOTIFICATION_ID
KNTA_NOTIFICATION_SETS_S	NOTIFICATION_SET_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(80)	The token with brackets that needs to be substituted with a real value.
ENTITY_TOKEN_ID	NULL	NUMBER	Foreign Key to knta_entity_tokens
PARAMETER_SET_FIELD_ID	NULL	NUMBER	Foreign Key to knta_parameter_set_fields
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.

### Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_NOTIFICATION_COLUMNS_U1	UNIQUE	1	NOTIFICATION_COLUMN_ID
KNTA_NOTIFICATION_COLUMNS_U1	UNIQUE	2	COLUMN_SEQUENCE

### Sequences

Sequence Name	Column Name
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(30)	Name of the interval
DESCRIPTION	NULL	VARCHAR2(240)	Description of the interval
INTERVAL_TYPE_CODE	NOT NULL	VARCHAR2(30)	Code of type of interval (Periodic or Immediate)
START_TIME	NOT NULL	DATE	The time each day the interval should be activated
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(1)	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(1)	Flag to set interval active for the day
MONDAY_FLAG	NOT NULL	VARCHAR2(1)	Flag to set interval active for the day
TUESDAY_FLAG	NOT NULL	VARCHAR2(1)	Flag to set interval active for the day
WEDNESDAY_FLAG	NOT NULL	VARCHAR2(1)	Flag to set interval active for the day
THURSDAY_FLAG	NOT NULL	VARCHAR2(1)	Flag to set interval active for the day
FRIDAY_FLAG	NOT NULL	VARCHAR2(1)	Flag to set interval active for the day
SATURDAY_FLAG	NOT NULL	VARCHAR2(1)	Flag to set interval active for the day
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)

Column Name	Null?	Data Type	Description
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.

*Indexes*

Index Name	Index Type	Sequence	Column Name
KNTA_NOTIFICATION_INTERVALS_U1	UNIQUE	1	INTERVAL_ID
KNTA_NOTIFICATION_INTERVALS_U2	UNIQUE	1	INTERVAL_NAME

*Sequences*

Sequence Name	Column Name
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(30)	Email distribution type such as To, Cc, Bcc.
USER_ID	NULL	NUMBER	User id of user receiving the notification
SECURITY_GROUP_ID	NULL	NUMBER	Security group id of security group receiving the notification
EMAIL_ADDRESS	NULL	VARCHAR2(80)	Email address of the recipient receiving the notification
TOKEN_TYPE_CODE	NULL	VARCHAR2(30)	Standard token or user defined token
TOKEN	NULL	VARCHAR2(80)	Contains the user or email address of recipient.
RECIPIENT_TYPE_CODE	NULL	VARCHAR2(30)	Code of the type of TOKEN, either EMAIL_ADDRESS or USER
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.

### Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_NOTIFICATION_RECIPIENT_N1	NOT UNIQUE	1	NOTIFICATION_ID
KNTA_NOTIFICATION_RECIPIENT_U1	UNIQUE	1	NOTIFICATION_RECIPIENT_ID

*Sequences*

Sequence Name

Column Name

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KNTA\_NOTIFICATION\_RECIPIENTS\_S

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NOTIFICATION\_RECIPIENT\_ID

## KNTA\_NOTIFICATION\_TYPES

KNTA\_NOTIFICATION\_TYPES stores the definition for each type of notification provided in Kintana. The table stores default values as well as corresponding lookup values used in Kintana to build the user defined notifications.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_ENTITY_GROUPS	ENTITY_GROUP_ID	PARENT_ENTITY_GROUP_ID
KNTA_ENTITY_GROUPS	ENTITY_GROUP_ID	DETAIL_ENTITY_GROUP_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

### 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(30)	Name of notification type
DESCRIPTION	NULL	VARCHAR2(240)	Description of notification type
TABLE_NAME	NOT NULL	VARCHAR2(30)	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(30)	The name of the column in the TABLE_NAME that could trigger a notification
CONDITION_SQL	NULL	VARCHAR2(2000)	SQL run whose result is put in condition value in KNTA_NOTIFICATIONS_TEMP
EVENT_COLUMN	NULL	VARCHAR2(30)	A secondary column in the TABLE_NAME to further define a notification - this is the code for the status of the WF step or report submission.
VISIBLE_EVENT_COLUMN	NULL	VARCHAR2(30)	The name of the column in TABLE_NAME with the visible value of the event
PARENT_GROUP_COLUMN	NULL	VARCHAR2(30)	The name of the column in TABLE_NAME that is the ID of the entity to which the TABLE_NAME belongs.
DETAIL_GROUP_COLUMN	NULL	VARCHAR2(30)	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(1)	Determines if an insert in TABLE_NAME will trigger a notification
ON_UPDATE_FLAG	NOT NULL	VARCHAR2(1)	Determines if an update to TABLE_NAME will trigger a notification
ON_DELETE_FLAG	NOT NULL	VARCHAR2(1)	Determines if a delete to TABLE_NAME will trigger a notification



Column Name	Null?	Data Type	Description
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Determine if this notification type may be used to define notifications
PARENT_ENTITY_GROUP_ID	NULL	NUMBER	Entity group identifier for the header message.
DETAIL_ENTITY_GROUP_ID	NULL	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	Column Name
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	NULL	VARCHAR2(200)	The text that replaced the token.
DEFAULT_COLUMN_SIZE	NULL	NUMBER	The default column size from KNTA_ENTITY_TOKENS

### Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_NOTIF_TXN_COLUMNS_N1	NOT UNIQUE	1	NOTIF_TXN_DETAIL_ID
KNTA_NOTIF_TXN_COLUMNS_U1	UNIQUE	1	NOTIF_TXN_COLUMN_ID

### Sequences

Sequence Name	Column Name
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
KDLV_PACKAGE_LINES	PACKAGE_LINE_ID	DETAIL_KEY_ID
KDRV_STATE_CHANGE_HISTORY	STATE_CHANGE_ID	SOURCE_KEY_ID
KNTA_NOTIF_TXN_PARENTS	NOTIF_TXN_PARENT_ID	NOTIF_TXN_PARENT_ID
KNTA_REPORT_SUBMISSIONS	REPORT_SUBMISSION_ID	SOURCE_KEY_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KWFL_STEP_TRANSACTIONS	STEP_TRANSACTION_ID	SOURCE_KEY_ID

### Column Descriptions

Column Name	Null?	Data Type	Description
NOTIF_TXN_DETAIL_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user 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
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	NULL	NUMBER	Foreign Key to the table that triggered the event.
REMINDER_DATE	NULL	DATE	Date that the reminder should be sent.

### Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_NOTIF_TXN_DETAILS_N1	NOT UNIQUE	1	NOTIF_TXN_PARENT_ID
KNTA_NOTIF_TXN_DETAILS_N2	NOT UNIQUE	1	REMINDER_DATE
KNTA_NOTIF_TXN_DETAILS_U1	UNIQUE	1	NOTIF_TXN_DETAIL_ID

### Sequences

Sequence Name	Column Name
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_NOTIFICATIONS	NOTIFICATION_ID	NOTIFICATION_ID
KNTA_NOTIFICATION_INTERVALS	INTERVAL_ID	INTERVAL_ID
KNTA_REPORT_SUBMISSIONS	REPORT_SUBMISSION_ID	PARENT_KEY_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.
PARENT_KEY_ID	NOT NULL	NUMBER	Foreign Key to the KDLV_PACKAGES, KCRT_REQUESTS, or KNTA_REPORT_SUBMISSIONS table.
FROM_EMAIL_ADDRESS	NULL	VARCHAR2(80)	Value of the From header field of an email.
SUBJECT	NULL	VARCHAR2(240)	Subject of the e-mail from KNTA_NOTIFICATIONS
REPLY_TO_EMAIL_ADDRESS	NULL	VARCHAR2(80)	Value of the Reply To header field of an email.
CONTENT_TYPE_CODE	NULL	VARCHAR2(30)	Code indicating the format of the email.
PARENT_TEXT	NOT NULL	CLOB	Text of the e-mail with tokens resolved.
INTERVAL_ID	NOT NULL	NUMBER	Foreign Key to the interval defined for the notification.
NOTIFICATION_SENT_FLAG	NOT NULL	VARCHAR2(1)	Flag set to true if the notification has been sent.
REMINDER_FLAG	NOT NULL	VARCHAR2(1)	Flag set to true if a reminder should be sent.
NOTIFICATION_FORMAT_CODE	NOT NULL	VARCHAR2(50)	Indicates the format of notification output: HTML or plain text

*Indexes*

Index Name	Index Type	Sequence	Column Name
KNTA_NOTIF_TXN_PARENTS_N1	NOT UNIQUE	1	PARENT_KEY_ID
KNTA_NOTIF_TXN_PARENTS_N2	NOT UNIQUE	1	NOTIFICATION_ID
KNTA_NOTIF_TXN_PARENTS_U1	NOT UNIQUE	1	NOTIF_TXN_PARENT_ID

*Sequences*

Sequence Name	Column Name
KNTA_NOTIF_TXN_PARENTS_S	NOTIF_TXN_PARENT_ID

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## 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(80)	The e-mail address of the recipient.
DISTRIBUTION_TYPE_CODE	NOT NULL	VARCHAR2(30)	Email distribution type such as To, Cc, Bcc.

### Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_NOTIF_TXN_RECIPIENTS_N1	NOT UNIQUE	1	NOTIF_TXN_DETAIL_ID
KNTA_NOTIF_TXN_RECIPIENTS_U1	UNIQUE	1	NOTIF_TXN_RECIPIENT_ID

### Sequences

Sequence Name	Column Name
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(30)	name of the message
NOTIFICATION_TYPE_ID	NOT NULL	NUMBER	Foreign Key to KNTA_NOTIFICATION_TYPES table.
FROM_RECIPIENT_TYPE_CODE	NULL	VARCHAR2(30)	Code indicating the type of recipient it is, such as username, email address, etc. for the email's From field.
FROM_TOKEN_TYPE_CODE	NULL	VARCHAR2(30)	Specifies whether it is a standard token or a userdefined token.
FROM_ADDRESS	NULL	VARCHAR2(80)	Value of the From header field in the email.
SUBJECT	NULL	VARCHAR2(240)	Default subject for the e-mail message.
REPLY_TO_RECIPIENT_TYPE_CODE	NULL	VARCHAR2(30)	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	NULL	VARCHAR2(30)	Specifies whether it is a standard token or a userdefined token.
REPLY_TO_ADDRESS	NULL	VARCHAR2(80)	Value of the Reply To header field in the email.
CONTENT_TYPE_CODE	NULL	VARCHAR2(30)	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.
NOTIFICATION_COLUMN_ID	NULL	NUMBER	Foreign Key to KNTA_NOTIFICATION_COLUMNS. These are the default columns for the message.
DEFAULT_FLAG	NOT NULL	VARCHAR2(1)	Determines if this message is the default message for the notification type.
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Determines if this message can be used in a notification.
NOTIFICATION_FORMAT_CODE	NOT NULL	VARCHAR2(50)	Indicates the format of notification output: HTML or plain text

*Indexes*

Index Name	Index Type	Sequence	Column Name
KNTA_NOTIF_TYPE_MESSAGES_N1	NOT UNIQUE	1	NOTIFICATION_TYPE_ID
KNTA_NOTIF_TYPE_MESSAGES_U1	NOT UNIQUE	1	NOTIF_TYPE_MESSAGE_ID

*Sequences*

Sequence Name	Column Name
KNTA_NOTIF_TYPE_MESSAGES_S	NOTIF_TYPE_MESSAGE_ID



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## KNTA\_PAGES

A row is stored in this table for each Kintana web page with regular portlets. In Release 4.0, the only two pages are Home Page and Project Overview Page. The maximized page of a regular portlet does not need a 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
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(80)	The name that identifies this page
DESCRIPTION	NULL	VARCHAR2(240)	Comments on the page
TITLE	NOT NULL	VARCHAR2(80)	The HTML title of the page

### Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_PAGES_N1	NOT UNIQUE	1	PAGE_NAME
KNTA_PAGES_U1	UNIQUE	1	PAGE_ID

### Sequences

Sequence Name	Column Name
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_PAGES	PAGE_ID	PAGE_ID
KNTA_PORTLET_TYPES	PORTLET_TYPE_ID	PORTLET_TYPE_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

### 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
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.

### Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_PAGE_PORTLET_TYPES_N2	NOT UNIQUE	1	PORTLET_TYPE_ID
KNTA_PAGE_PORTLET_TYPES_N2	NOT UNIQUE	2	PAGE_ID
KNTA_PAGE_PORTLET_TYPES_U1	UNIQUE	1	PAGE_PORTLET_TYPE_ID

### Sequences

Sequence Name	Column Name
KNTA_PAGE_PORTLET_TYPES_S	PAGE_PORTLET_TYPE_ID

## KNTA\_PARAMETER\_SETS

KNTA\_PARAMETER\_SETS stores basic information about parameter sets defined in Kintana. 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_ENTITIES	ENTITY_ID	TOKEN_PREFIX_ENTITY_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

### 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(30)	The name for parameter set
PARAMETER_SET_TITLE	NULL	VARCHAR2(50)	The title for parameter set
DESCRIPTION	NULL	VARCHAR2(240)	Description of the token
PRODUCT_CODE	NULL	VARCHAR2(30)	Code of the product
PARAMETER_SET_TYPE	NOT NULL	VARCHAR2(30)	Type of the parameter
NUM_COLUMNS	NOT NULL	NUMBER	Number of columns
TABLE_NAME	NOT NULL	VARCHAR2(30)	The table that drives the parameter_set_context_id for each parameter set
CONTEXT_COLUMN	NULL	VARCHAR2(30)	The column that is used to derive the parameter_set_context_id for this particular parameter set
ORIGINAL_CONTEXT_COLUMN	NULL	VARCHAR2(30)	The seeded column that is used to derive the parameter_set_context_id for this particular parameter set.
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Determines whether parameter set contexts can be defined for this parameter set
TOKEN_PREFIX_ENTITY_ID	NULL	NUMBER	Token prefix id. Currently used by Request Type to implement rules
SECURITY_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	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
KNTA_PARAMETER_SETS_U2	UNIQUE	2	CONTEXT_COLUMN

*Sequences*

Sequence Name

Column Name

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KNTA\_PARAMETER\_SETS\_S

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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
CONTEXT_VALUE	NULL	VARCHAR2(200)	The value of the context for column CONTEXT_COLUMN in table TABLE_NAME as defined in KNTA_PARAMETER_SETS
VISIBLE_CONTEXT_VALUE	NULL	VARCHAR2(200)	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(1)	Determines whether this context is enabled for the given parameter set.
ENTITY_ID	NULL	NUMBER	Identifies the entity associated with the context.
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.
MDL_VIEW_NAME_ROOT	NULL	VARCHAR2(20)	Defines the root part of an MDL view name for this context. The term root is borrowed from linguist terms such that a word can have prefix, root and suffix. The system will try to default to parameter_set_context_id if possible
VISIBILITY_SEC_EXISTS_FLAG	NULL	VARCHAR2(1)	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	NOT UNIQUE	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	Column Name
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
<UNKNOWN>	FIELD_ID	FIELD_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_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	NULL	NUMBER	Field id
PROMPT	NOT NULL	VARCHAR2(50)	Prompt for the field
DESCRIPTION	NULL	VARCHAR2(240)	Description for the field
PARAMETER_TOKEN	NOT NULL	VARCHAR2(30)	The logical token that will be substituted with the actual value during command execution.
PARAMETER_COLUMN_NUMBER	NULL	NUMBER	Column's number of a specific parameter
PARAMETER_TABLE_NAME	NULL	VARCHAR2(30)	Table name of a specific parameter
PARAMETER_VALUE_COL_NAME	NULL	VARCHAR2(30)	Column name of a specific parameter
PARAMETER_VIS_VALUE_COL_NAME	NULL	VARCHAR2(30)	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	NULL	NUMBER	Default type of a parameter ( i.e none, constant or parameter )
VISIBLE_DEFAULT_CONST_VALUE	NULL	VARCHAR2(1800)	The visible constant value
DEFAULT_PARAMETER_TOKEN	NULL	VARCHAR2(30)	The name of the token that is evaluated to derive the default value for the parameter
PRODUCT_SCOPE_CODE	NOT NULL	VARCHAR2(40)	Code for the product scope
SECTION_ID	NULL	NUMBER	Identifier for the section where the parameter set fields belong
COLUMN_NUMBER	NULL	NUMBER	Column's number
ROW_NUMBER	NULL	NUMBER	Row's number
GRID_HEIGHT	NULL	NUMBER	grid height ( useful to draw components)
GRID_WIDTH	NULL	NUMBER	grid width ( useful to draw components)
COMPONENT_LINES	NULL	NUMBER	number of lines for mult-lined components ( like TextAreas )
DISPLAY_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether the parameter should be visible to the user

Column Name	Null?	Data Type	Description
DISPLAY_ONLY_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether the parameter is only displayed and not editable
UPDATEABLE_FLAG	NOT NULL	VARCHAR2(1)	Whether or not a field is updateable
REQUIRED_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether the parameter must be entered by the user
TRANS_HISTORY_FLAG	NOT NULL	VARCHAR2(1)	Whether or not to create a transaction history
NOTES_HISTORY_FLAG	NOT NULL	VARCHAR2(1)	Whether or not to create a note history
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether the parameter is currently is used or disabled
WORKBENCH_ONLY_FLAG	NOT NULL	VARCHAR2(1)	Indicate whether this field should be visible in workbench only ( i.e. not visible in Kintana )
MULTI_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether the parameter supports multi-autocomplete field.
VALIDATION_PROFILE_ID	NULL	NUMBER	Use only for header fields (ie Packages or Requests)
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.
CLEAR_RULE	NULL	VARCHAR2(500)	Contains a token name of a field that when changed, will clear the contents of this field.
DISPLAY_ONLY_RULE	NULL	VARCHAR2(200)	Contains a rule to set this field to be "display only" when the condition is met.
REQUIRED_RULE	NULL	VARCHAR2(200)	Contains a rule to set this field to be required when this condition is met.
BATCH_NUMBER	NULL	NUMBER	Used to support unlimited parameter fields. By default the batch_number is 1
SEARCH_VALIDATION_ID	NULL	NUMBER	Uniquely identifies which search validation is used by the parameter set field
SEARCHABLE_FLAG	NULL	VARCHAR2(1)	Used to indicate whether this field can be visible in search and filter pages.
VISIBLE_TO_ALL_FLAG	NOT NULL	VARCHAR2(1)	Flag to determine if the field is visible to all
EDITABLE_BY_ALL_FLAG	NOT NULL	VARCHAR2(1)	Flag to determine if the field is editable by all
TABLE_COLUMN_SEQUENCE	NULL	NUMBER	Sequence of the table column for the field
DISPLAY_TOTAL_FLAG	NULL	VARCHAR2(1)	Flag that determines whether or not to display totals
SOURCE_PARAMETER_SET_ID	NULL	NUMBER	Identifier that uniquely identifies the source parameter set
SOURCE_PARAMETER_SET_FIELD_ID	NULL	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	NOT UNIQUE	1	PARAMETER_SET_CONTEXT_ID
KNTA_PARAMETER_SET_FIELDS_N2	NOT UNIQUE	1	PROMPT
KNTA_PARAMETER_SET_FIELDS_N3	NOT UNIQUE	1	PARAMETER_TOKEN
KNTA_PARAMETER_SET_FIELDS_N4	NOT UNIQUE	1	SECTION_ID
KNTA_PARAMETER_SET_FIELDS_U1	UNIQUE	1	PARAMETER_SET_FIELD_ID

*Sequences*

Sequence Name	Column Name
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_SECURITY_GROUPS	SECURITY_GROUP_ID	ASSIGNED_TO_GROUP_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	ASSIGNED_TO_USER_ID
KWFL_WORKFLOWS	WORKFLOW_ID	WORKFLOW_ID

## Column Descriptions

Column Name	Null?	Data Type	Description
PARAM_RULE_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user 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(150)	The name of this rule
DESCRIPTION	NULL	VARCHAR2(300)	The description of this rule
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(30)	What event triggers this rule
RULE_SQL	NULL	VARCHAR2(2000)	For advanced rules: The SQL that is executed to determine values to populate fields
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Whether or not this rule is enabled
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update
RULE_TYPE_CODE	NOT NULL	VARCHAR2(30)	The rule type: SIMPLE or ADVANCED
WORKFLOW_ID	NULL	NUMBER	For simple rules: The workflow ID to populate when the rule is triggered
DEPARTMENT_CODE	NULL	VARCHAR2(30)	For simple rules: The Department code that will trigger this rule
APPLICATION	NULL	VARCHAR2(30)	For simple rules: The Application code that will trigger this rule
ASSIGNED_TO_USER_ID	NULL	NUMBER	For simple rules: The user ID to populate when the rule is triggered
ASSIGNED_TO_GROUP_ID	NULL	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	NOT UNIQUE	1	PARAMETER_SET_CONTEXT_ID
KNTA_PARAM_RULES_U1	UNIQUE	1	PARAM_RULE_ID

*Sequences*

Sequence Name	Column Name
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_PARAMETER_SET_FIELDS	PARAMETER_SET_FIELD_ID	PARAMETER_SET_FIELD_ID
KNTA_PARAM_RULES	PARAM_RULE_ID	PARAM_RULE_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

### 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	NULL	VARCHAR2(1800)	The visible value which will cause this dependency to succeed
PARAMETER	NULL	VARCHAR2(1800)	The hidden value which will cause this dependency to succeed
ALL_VALUES_FLAG	NOT NULL	VARCHAR2(1)	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	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update
CONDITION_CODE	NULL	VARCHAR2(200)	Comparison codes for rules other than simple equality.

### Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_PARAM_RULE_DPNDNCS_N1	NOT UNIQUE	1	PARAM_RULE_ID
KNTA_PARAM_RULE_DPNDNCS_U1	UNIQUE	1	PARAM_RULE_DEPENDENCY_ID

*Sequences*

Sequence Name

Column Name

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KNTA\_PARAM\_RULE\_DEPENDENCIES\_S

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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_PARAMETER_SET_FIELDS	PARAMETER_SET_FIELD_ID	PARAMETER_SET_FIELD_ID
KNTA_PARAM_RULES	PARAM_RULE_ID	PARAM_RULE_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

## 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.
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update

## Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_PARAM_RULE_RESULTS_N1	NOT UNIQUE	1	PARAMETER_SET_FIELD_ID
KNTA_PARAM_RULE_RESULTS_N2	NOT UNIQUE	1	PARAM_RULE_ID
KNTA_PARAM_RULE_RESULTS_U1	UNIQUE	1	PARAM_RULE_RESULT_ID

## Sequences

Sequence Name	Column Name
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_PARAMETER_SET_FIELDS	PARAMETER_SET_FIELD_ID	PARAMETER_SET_FIELD_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KRML_PARAMETER_SET_FLDS_COPY	PARAMETER_SET_FIELD_ID	PARAMETER_SET_FIELD_ID

### Column Descriptions

Column Name	Null?	Data Type	Description
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	NULL	VARCHAR2(1)	Flag that determines whether to allow a prompt for this field
ALLOW_DESCRIPTION_FLAG	NULL	VARCHAR2(1)	Flag that determines whether to allow a description for this field
ALLOW_ENABLED_FLAG	NULL	VARCHAR2(1)	Flag that determines whether the field is enabled
ALLOW_VALIDATION_FLAG	NULL	VARCHAR2(1)	Flag that determines whether the field allows validation
ALLOW_MULTI_FLAG	NULL	VARCHAR2(1)	Flag that determines whether the field allows multiple values
ALLOW_EDITABLE_FLAG	NULL	VARCHAR2(1)	Flag that determines whether the field is editable
ALLOW_TRANS_HISTORY_FLAG	NULL	VARCHAR2(1)	Flag that determines whether the field allows transaction history to be saved
ALLOW_DISP_IN_SEARCH_FLAG	NULL	VARCHAR2(1)	Flag that determines whether the field is displayed in a search
ALLOW_NOTES_HISTORY_FLAG	NULL	VARCHAR2(1)	Flag that determines whether the field will appear in the notes history section when the field is changed
ALLOW_SEARCH_VALIDATION_FLAG	NULL	VARCHAR2(1)	Flag that determines whether the field allows a search validation
ALLOW_DEFAULT_FLAG	NULL	VARCHAR2(1)	Flag that determines whether the field allows a default value
ALLOW_VISIBLE_SECURITY_FLAG	NULL	VARCHAR2(1)	Flag that determines whether to allow the security of the field to be visible
ALLOW_EDITABLE_SECURITY_FLAG	NULL	VARCHAR2(1)	Flag that determines whether to allow the security of the field to be editable

### Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_PARAM_SET_FLD_SETUPS_U1	UNIQUE	1	PARAM_SET_FLD_SETUP_ID

*Sequences*

Sequence Name

Column Name

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KNTA\_PARAM\_SET\_FLD\_SETUPS\_S

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PARAM\_SET\_FLD\_SETUP\_ID



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## KNTA\_PASSWORD\_CHANGES

List of old passwords previously used by all users. This table is used when password reuse is restricted by Kintana 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	NULL	VARCHAR2(200)	The old password

### Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_PASSWORD_CHANGES_N1	NOT UNIQUE	1	USER_ID
KNTA_PASSWORD_CHANGES_U1	UNIQUE	1	PASSWORD_CHANGE_ID

### Sequences

Sequence Name	Column Name
KNTA_PASSWORD_CHANGES_S	PASSWORD_CHANGE_ID

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## 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
KDRV_PROJECTS	PROJECT_ID	SOURCE_ID
KNTA_ENTITIES	ENTITY_ID	SOURCE_ENTITY_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

### 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	NULL	NUMBER	Number of times the system attempted to perform the exception run

### Indexes

This table does not have any indexes.

### 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 Kintana system.

## Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
<UNKNOWN>	<UNKNOWN>	SOURCE_ENTITY_ID
<UNKNOWN>	<UNKNOWN>	TARGET_ENTITY_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

## Column Descriptions

Column Name	Null?	Data Type	Description
PENDING_FLS_DENORM_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user 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	NULL	DATE	Date pending field level security transaction started
COMPLETE_DATE	NULL	DATE	Date pending field level security transaction completed
PENDING_STATE_CODE	NOT NULL	VARCHAR2(200)	State of particular pending field level security transaction
MESSAGE	NULL	VARCHAR2(4000)	Message field for misc. messages

## Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_PENDING_FLS_DENORM_N1	NOT UNIQUE	1	TARGET_ENTITY_ID
KNTA_PENDING_FLS_DENORM_N1	NOT UNIQUE	2	PENDING_STATE_CODE
KNTA_PENDING_FLS_DENORM_U1	UNIQUE	1	PENDING_FLS_DENORM_ID

## Sequences

Sequence Name	Column Name
KNTA_PENDING_FLS_DENORM_S	PENDING_FLS_DENORM_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_ENTITIES	ENTITY_ID	SOURCE_ENTITY_ID
KNTA_ENTITIES	ENTITY_ID	TARGET_ENTITY_ID
KNTA_PERIODS	PERIOD_ID	PERIOD_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	RESOURCE_USER_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.
TARGET_ENTITY_ID	NULL	NUMBER	Entity id of the target whose values need to be recalculated.
TARGET_ENTITY_PRIMARY_KEY	NULL	NUMBER	Primary key of the target whose values need to be recalculated.
PERIOD_ID	NULL	NUMBER	The period in which the rollup needs to be recalculated. Can be null.
RESOURCE_USER_ID	NULL	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	NOT UNIQUE	1	SOURCE_ENTITY_ID
KNTA_PENDING_ROLLUPS_N2	NOT UNIQUE	1	SOURCE_ENTITY_PRIMARY_KEY
KNTA_PENDING_ROLLUPS_N3	NOT UNIQUE	1	TARGET_ENTITY_ID
KNTA_PENDING_ROLLUPS_N4	NOT UNIQUE	1	TARGET_ENTITY_PRIMARY_KEY
KNTA_PENDING_ROLLUPS_U1	UNIQUE	1	PENDING_ROLLUP_ID

### Sequences

Sequence Name	Column Name
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_PERIOD_GROUPS	PERIOD_GROUP_ID	PERIOD_GROUP_ID
KNTA_PERIOD_TYPES	PERIOD_TYPE_ID	PERIOD_TYPE_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

## Column Descriptions

Column Name	Null?	Data Type	Description
PERIOD_ID	NOT NULL	NUMBER	System-generated identifier
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(30)	Either WEEK, MONTH, or YEAR
PERIOD_CODE	NOT NULL	VARCHAR2(30)	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(100)	Name of the period with the month names spelt out.
PERIOD_SHORT_NAME	NOT NULL	VARCHAR2(30)	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	NULL	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	NOT UNIQUE	1	START_DATE
KNTA_PERIODS_N1	NOT UNIQUE	2	END_DATE
KNTA_PERIODS_N1	NOT UNIQUE	3	PERIOD_TYPE
KNTA_PERIODS_N2	NOT UNIQUE	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
KNTA_PERIODS_U4	UNIQUE	2	PERIOD_TYPE_ID

*Sequences*

Sequence Name

Column Name

---

KNTA\_PERIODS\_S

---

PERIOD\_ID

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## 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_PERIODS	PERIOD_ID	PARENT_PERIOD_ID
KNTA_PERIODS	PERIOD_ID	CHILD_PERIOD_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

### 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(30)	Name of the period group
PARENT_PERIOD_ID	NULL	NUMBER	Parent period ID.
CHILD_PERIOD_ID	NULL	NUMBER	Child period ID.

### Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_PERIOD_GROUPS_N1	NOT UNIQUE	1	PARENT_PERIOD_ID
KNTA_PERIOD_GROUPS_N1	NOT UNIQUE	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	Column Name
KNTA_PERIOD_GROUPS_S	PERIOD_GROUP_ID

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## 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(100)	Name of the period type
DESCRIPTION	NOT NULL	VARCHAR2(250)	Short description of the period type
START_DAY_CODE	NOT NULL	VARCHAR2(30)	Identifier that identifies which day the period type starts on
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	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	Column Name
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(40)	Name of the parameter for the filter field
PARAMETER_HIDDEN_VALUE	NOT NULL	VARCHAR2(2000)	The hidden value of the parameter
PARAMETER_VISIBLE_VALUE	NOT NULL	VARCHAR2(2000)	The visible value of the parameter
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.

### Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_PERSONALIZATION_VALUES_N1	NOT UNIQUE	1	PERSONALIZATION_VALUE_SET_ID
KNTA_PERSONALIZATION_VALUES_U1	UNIQUE	1	PERSONALIZATION_VALUE_ID

### Sequences

Sequence Name	Column Name
KNTA_PERSONALIZATION_VALUES_S	PERSONALIZATION_VALUE_ID
KNTA_PERSON_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_PERSONALIZATION_VALUES	PERSONALIZATION_VALUE_SET_ID	PERSONALIZATION_VALUE_SET_ID
KNTA_PORTLET_COLUMNS	PORTLET_COLUMN_SET_ID	PORTLET_COLUMN_SET_ID
KNTA_PORTLET_TYPES	PORTLET_TYPE_ID	PORTLET_TYPE_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

### 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
USER_PAGE_TAB_ID	NOT NULL	NUMBER	The page and the tab that his portlet belongs to for a user.
PARAMETER_SET_CONTEXT_ID	NULL	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(80)	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	NULL	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	NULL	NUMBER	Identifies the set of personalization values for this portlet. See table KNTA_PERSONALIZATION_VALUES.
PERSON_VALUE_SET_CHANGED_FLAG	NOT NULL	VARCHAR2(1)	Whether this portlet has been personalized by the user
PORTLET_COLUMN_SET_ID	NULL	NUMBER	If this portlet's type has the layout type "TABLE" this should reference the portlet_column_set_id

Column Name	Null?	Data Type	Description
PORTLET_COL_SET_CHANGED_FLAG	NULL	VARCHAR2(1)	from KNTA_PORTLET_COLUMNS. Whether the user has personalized the columns in the portlet.
SELECT_CLAUSE	NULL	CLOB	The SELECT clause of the query that is used to load the data for this portlet.
FROM_CLAUSE	NULL	VARCHAR2(4000)	The FROM clause of the query that is used to load the data for this portlet.
WHERE_CLAUSE	NULL	CLOB	The WHERE clause of the query that is used to load the data for this portlet.
ORDER_BY_CLAUSE	NULL	VARCHAR2(4000)	The ORDER BY clause of the query that is used to load the data for this portlet.
GROUP_BY_CLAUSE	NULL	VARCHAR2(4000)	The GROUP BY clause of the query that is used to load the data for this portlet.
HAVING_CLAUSE	NULL	VARCHAR2(4000)	The HAVING clause of the query that is used to load the data for this portlet.
INVALID_FLAG	NULL	VARCHAR2(1)	Flag that determines if the portlet is invalid
MAX_PAGE_MAX_ROWS	NULL	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	NOT UNIQUE	1	USER_PAGE_TAB_ID
KNTA_PORTLETS_N2	NOT UNIQUE	1	PORTLET_TYPE_ID
KNTA_PORTLETS_U1	UNIQUE	1	PORTLET_ID

#### Sequences

Sequence Name	Column Name
KNTA_PORTLETS_S	PORTLET_ID

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## 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.
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.

### Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_PORTLET_COLUMNS_N1	NOT UNIQUE	1	PORTLET_COLUMN_SET_ID
KNTA_PORTLET_COLUMNS_U1	UNIQUE	1	PORTLET_COLUMN_ID

### Sequences

Sequence Name	Column Name
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_PORTLET_TYPES	PORTLET_TYPE_ID	PORTLET_TYPE_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

### 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	NULL	VARCHAR2(40)	The name of the parameter used to select the defaults for a portlet.
PARAMETER_VALUE	NULL	VARCHAR2(200)	If the portlet uses this parameter value, then the default clauses will be used from this portlet query.
SELECT_CLAUSE	NOT NULL	VARCHAR2(4000)	The default select clause for the query based on the parameter name and value.
FROM_CLAUSE	NOT NULL	VARCHAR2(2000)	The default from clause for the query based on the parameter name and value.
GROUP_BY_CLAUSE	NULL	VARCHAR2(2000)	The default group by clause for the query based on the parameter name and value.
ORDER_BY_CLAUSE	NULL	VARCHAR2(2000)	The default order by clause for the query based on the parameter name and value.
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.

*Indexes*

Index Name	Index Type	Sequence	Column Name
KNTA_PORTLET_QUERIES_N1	NOT UNIQUE	1	PORTLET_TYPE_ID
KNTA_PORTLET_QUERIES_U1	UNIQUE	1	PORTLET_QUERY_ID
KNTA_PORTLET_QUERIES_U2	UNIQUE	1	PORTLET_TYPE_ID
KNTA_PORTLET_QUERIES_U2	UNIQUE	2	PARAMETER_NAME
KNTA_PORTLET_QUERIES_U2	UNIQUE	3	PARAMETER_VALUE

*Sequences*

Sequence Name	Column Name
KNTA_PORTLET_QUERIES_S	PORTLET_QUERY_ID

## KNTA\_PORTLET\_SQL\_PARAMETERS

This table stores the tokens that are part of the portlet sql and its resolved values (if any). Not all tokens may be pre-resolved, some tokens 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(80)	Token that is part of the sql.
PARAMETER_RESOLVED_VALUE	NULL	VARCHAR2(4000)	Resolved value of the token. Not all tokens may be resolved.
SEQ	NOT NULL	NUMBER	Sequence in which the token was found in the sql.
RESOLVED_FLAG	NOT NULL	VARCHAR2(1)	Defines if the token was pre-resolved.
SQL_CLAUSE	NOT NULL	VARCHAR2(10)	Define the clause in which token appeared.

### Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_PORTLET_SQL_PARAMETERS_N1	NOT UNIQUE	1	PORTLET_ID
KNTA_PORTLET_SQL_PARAMETERS_U1	UNIQUE	1	PORTLET_SQL_PARAMETERS_ID

### Sequences

Sequence Name	Column Name
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_PERSONALIZATION_VALUES	PERSONALIZATION_VALUE_SET_ID	DEFAULT_PERSON_VALUE_SET_ID
KNTA_PORTLET_COLUMNS	PORTLET_COLUMN_SET_ID	DEFAULT_LAYOUT_SET_ID
KNTA_PORTLET_TYPES	PORTLET_TYPE_ID	PORTLET_TYPE_ID
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(80)	Name of the portlet.
DESCRIPTION	NULL	VARCHAR2(240)	Description of the portlet.
PORTLET_CATEGORY	NULL	VARCHAR2(80)	User defined category for the portlet.
PORTLET_URL	NOT NULL	VARCHAR2(200)	The relative URL location from the dashboard home for a portlet of this type.
PORTLET_MAX_URL	NULL	VARCHAR2(200)	The relative URL location from the dashboard home for the max page of a portlet of this type.
PORTLET_FILTER_URL	NULL	VARCHAR2(200)	The relative URL location from the dashboard home for the filter page of a portlet of this type.
PORTLET_ARRANGE_DATA_URL	NULL	VARCHAR2(200)	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(30)	Defines what product does this portlet belong to.
EDITABLE_FLAG	NOT NULL	VARCHAR2(1)	A flag to indicate whether an instance of this portlet type is editable.
MAXIMIZABLE_FLAG	NOT NULL	VARCHAR2(1)	A flag to indicate whether an instance of this portlet type is maximizable.
SINGLE_INSTANCE_FLAG	NOT NULL	VARCHAR2(1)	A flag to indicate whether only one instance of the portlet type is allowed per user.
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	A flat to indicate whether this portlet type is enabled to be instantiated.
DISPLAY_CONFIGURABLE_FLAG	NOT NULL	VARCHAR2(1)	Internal field, defines if the portlet columns can be configured in portlet builder.
FILTER_CONFIGURABLE_FLAG	NOT NULL	VARCHAR2(1)	Internal field, defines if the portlet filter fields be configured in portlet builder.



Column Name	Null?	Data Type	Description
RESTRICT_ACCESS_FLAG	NOT NULL	VARCHAR2(1)	If the value is Y, the portlet security checks are made.
FILTERABLE_FLAG	NOT NULL	VARCHAR2(1)	Internal field for backwards compatibility. Defines if the portlet data can be filtered.
REQUIRE_PERSONALIZATION_FLAG	NOT NULL	VARCHAR2(1)	Defines if the user should be forced to personalize the portlet (first time only) before viewing the data.
BASE_SELECT_CLAUSE	NULL	CLOB	The default SELECT clause of the query that is used to load the data for this portlet.
BASE_FROM_CLAUSE	NULL	VARCHAR2(4000)	The default FROM clause of the query that is used to load the data for this portlet.
BASE_WHERE_CLAUSE	NULL	CLOB	The default WHERE clause of the query that is used to load the data for this portlet.
BASE_ORDER_BY_CLAUSE	NULL	VARCHAR2(4000)	The default ORDER_BY clause of the query that is used to load the data for this portlet.
BASE_GROUP_BY_CLAUSE	NULL	VARCHAR2(4000)	The default GROUP_BY clause of the query that is used to load the data for this portlet.
BASE_HAVING_CLAUSE	NULL	VARCHAR2(4000)	The default HAVING clause of the query that is used to load the data for this portlet.
DEFAULT_TITLE	NOT NULL	VARCHAR2(80)	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	NULL	NUMBER	The default maximum number of rows displayed in a portlet of this type.
LAYOUT_TYPE_CODE	NOT NULL	VARCHAR2(30)	The layout type, table or form, of this portlet type.
DEFAULT_LAYOUT_SET_ID	NULL	NUMBER	The ID of the default layout set, usually column set, for this portlet type.
DEFAULT_PERSON_VALUE_SET_ID	NULL	NUMBER	The ID of the default personalization value set for this portlet type.
CLASS_OF_DATA_CAPSULE	NOT NULL	VARCHAR2(200)	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
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.
TIMEOUT	NULL	NUMBER	Time in seconds after which the portlet query will be timed out.
PARAM_JSP_URL	NULL	VARCHAR2(200)	Parameters that are passed to the Java Server Page URL for the portlet to be displayed properly
CONTROLLER_CLASS	NULL	VARCHAR2(200)	Java controller class for the portlet
DRILL_DOWN_SELECT_CLAUSE	NULL	VARCHAR2(2000)	SQL Select clause for drill down functionality for the portlet
LIMIT_RESULTS_FLAG	NOT NULL	VARCHAR2(1)	Flag that determines if the portlet

Column Name	Null?	Data Type	Description
PAGEABLE_FLAG	NOT NULL	VARCHAR2(1)	has a limit on the number of results Flag that determines whether the portlet is able to maximize to a full page
DEFAULT_MAX_PAGE_MAX_ROWS	NULL	NUMBER	Default maximum pages and maximum rows for the portlet
USE_BIND_VARIABLES_FLAG	NOT NULL	VARCHAR2(1)	If this flag is set to Yes, the portlet sql will use the bind variables. This makes the sql run faster, in most cases this should be set to Yes. There are cases in which this has to be set to No for the sql to work.
DATA_SOURCE_TYPE_CODE	NOT NULL	VARCHAR2(30)	

*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	Column Name
KNTA_PORTLET_TYPES_S	PORTLET_TYPE_ID

## 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_PORTLET_TYPES	PORTLET_TYPE_ID	PORTLET_TYPE_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

### 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	NULL	VARCHAR2(1000)	The description for the purpose of this column.
DB_COLUMN	NOT NULL	VARCHAR2(1000)	The database column name of this column.
COLUMN_TYPE	NOT NULL	VARCHAR2(30)	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.
PROMPT	NOT NULL	VARCHAR2(100)	The displayed prompt for this column.
MAXIMIZED_PROMPT	NOT NULL	VARCHAR2(200)	The displayed prompt for this column in the maximized view.
PIXEL_WIDTH	NULL	NUMBER	Internal field to calculate the pixels from the character width.
CHARACTER_WIDTH	NULL	NUMBER	Number of characters that the user wants to display in this column.
HYPERLINK_FLAG	NOT NULL	VARCHAR2(1)	A flag to indicate whether the data in this column should be hyperlinked.
HYPERLINK_TYPE_CODE	NULL	VARCHAR2(30)	Type of the hyperlink.
HYPERLINK_FILTER_COLUMNS	NULL	VARCHAR2(400)	Currently unused.
HYPERLINK_ENTITY_ID_COLUMN	NULL	VARCHAR2(30)	Identifier used to navigate to the hyperlink.
CUSTOM_HYPERLINK	NULL	VARCHAR2(1000)	Custom Hyperlink defined by user.
MANDATORY_FLAG	NOT NULL	VARCHAR2(1)	A flag to indicate whether this column is required in a portlet of the portlet type.
TRUNCATE_FLAG	NOT NULL	VARCHAR2(1)	A flag to indicate if the data in this column should be truncated.
TRUNCATE_LENGTH	NULL	NUMBER	If TRUNCATE_FLAG is "Y", this value determines the length at which the data should be truncated.
COLUMN_ALIAS	NOT NULL	VARCHAR2(30)	Unique alias for the column.
TOOL_TIP_FLAG	NOT NULL	VARCHAR2(1)	Defines if the column has tool-tip.
TOOL_TIP_COLUMN	NULL	VARCHAR2(30)	Defines what to display if the column has the tool-tip.
ALLOW_USER_SORT_BY_FLAG	NOT NULL	VARCHAR2(1)	Defines if the end-user can define the sort by in the filter page.

Column Name	Null?	Data Type	Description
DISPLAYABLE_FLAG	NOT NULL	VARCHAR2(1)	Defines if the column is displayed in the portlet.
DEFAULT_ORDER_BY_FLAG	NOT NULL	VARCHAR2(1)	Defines if this column is the default order by value in the filter page.
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.

*Indexes*

Index Name	Index Type	Sequence	Column Name
KNTA_PORTLET_TYPE_COLUMNS_N1	NOT UNIQUE	1	PORTLET_TYPE_ID
KNTA_PORTLET_TYPE_COLUMNS_U1	UNIQUE	1	PORTLET_TYPE_COLUMN_ID

*Sequences*

Sequence Name	Column Name
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.
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.
SEQUENCE	NULL	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	Column Name
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(30)	Type of the security i.e., security group or user.
SECURITY_GROUP_ID	NULL	NUMBER	If the type is security group, the security group that has access to add this portlet to dashboard.
USER_ID	NULL	NUMBER	If the type is user, the user that has access to add this portlet to dashboard.
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.

### Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_PORTLET_TYPE_SECURITY_N1	NOT UNIQUE	1	PORTLET_TYPE_ID
KNTA_PORTLET_TYPE_SECURITY_U1	UNIQUE	1	PORTLET_TYPE_SECURITY_ID

### Sequences

Sequence Name	Column Name
KNTA_PORTLET_TYPE_SECURITY_S	PORTLET_TYPE_SECURITY_ID

## KNTA\_PORTLET\_TYPE\_WS\_INFO

Enter a description for KNTA\_PORTLET\_TYPE\_WS\_INFO here, and verify the Temp Table Flag is correct.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_PORTLET_TYPES	PORTLET_TYPE_ID	PORTLET_TYPE_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_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	
URL	NOT NULL	VARCHAR2(2000)	
HTTP_USERNAME	NULL	VARCHAR2(200)	
HTTP_PASSWORD	NULL	VARCHAR2(200)	
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	
SOURCE	NULL	VARCHAR2(100)	

### 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	Column Name
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	NULL	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
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	NOT UNIQUE	1	GROUP_ID
KNTA_PREPARED_COMMANDS_U1	UNIQUE	1	PREPARED_COMMAND_ID

### Sequences

Sequence Name	Column Name
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	NULL	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
PREPARED_SPECIAL_COMMAND_ID	NULL	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	NOT UNIQUE	1	PREPARED_COMMAND_ID
KNTA_PREPARED_COMMAND_STEPS_U1	UNIQUE	1	PREPARED_COMMAND_STEP_ID

### Sequences

Sequence Name	Column Name
KNTA_PREPARED_COMMAND_STEPS_S	PREPARED_COMMAND_STEP_ID

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## KNTA\_PRODUCTS

KNTA\_PRODUCTS contains information about which products are available in Kintana. Currently it contains Create, Deliver, and Drive. 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(80)	A text name for the product
PRODUCT_KEY	NOT NULL	NUMBER	Constant identifier for this product
TEMP_NUM_LICENSE	NULL	NUMBER	Used for license reporting only, indicates the number of licenses for a specific server at start up
TEMP_EXPIRATION_DATE	NULL	DATE	Used for license reporting only, indicates the license expiration date for a specific server at start up
PRODUCT_DESCRIPTION	NULL	VARCHAR2(200)	

### 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
KCRT_REQUESTS	REQUEST_ID	SOURCE_ID
KDLV_PACKAGES	PACKAGE_ID	SOURCE_ID
KDRV_PROJECTS	PROJECT_ID	SOURCE_ID
KNTA_ENTITIES	ENTITY_ID	SOURCE_ENTITY_ID
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	PARAMETER_SET_CONTEXT_ID
KNTA_REFERENCES	REFERENCE_ID	REVERSE_REFERENCE_ID
KNTA_REF_RELATIONSHIPS	REF_RELATIONSHIP_ID	REF_RELATIONSHIP_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KREL_RELEASES	RELEASE_ID	SOURCE_ID

### Column Descriptions

Column Name	Null?	Data Type	Description
REFERENCE_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user 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
TARGET_TYPE_CODE	NOT NULL	VARCHAR2(30)	Entity ID of the target reference type
REF_RELATIONSHIP_ID	NULL	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	NULL	NUMBER	A reference to this table for its reverse reference row if it exists
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flag that determines whether or not this reference is enabled/in-effect
PARAMETER_SET_CONTEXT_ID	NULL	NUMBER	Set Context ID used to tell what fields to show in the dynamic panel
PARAMETER1	NULL	VARCHAR2(200)	Target entity member id
VISIBLE_PARAMETER1	NULL	VARCHAR2(200)	Target reference name
PARAMETER2	NULL	VARCHAR2(200)	Encrypted attachment filename or document url
VISIBLE_PARAMETER2	NULL	VARCHAR2(200)	Visible attachment filename or document url
PARAMETER3	NULL	VARCHAR2(200)	Reference Detail parameter
VISIBLE_PARAMETER3	NULL	VARCHAR2(200)	Reference Detail parameter
PARAMETER4	NULL	VARCHAR2(200)	Reference Detail parameter
VISIBLE_PARAMETER4	NULL	VARCHAR2(200)	Reference Detail parameter
PARAMETER5	NULL	VARCHAR2(200)	Reference Detail parameter
VISIBLE_PARAMETER5	NULL	VARCHAR2(200)	Reference Detail parameter
PARAMETER6	NULL	VARCHAR2(200)	Reference Detail parameter
VISIBLE_PARAMETER6	NULL	VARCHAR2(200)	Reference Detail parameter
PARAMETER7	NULL	VARCHAR2(200)	Reference Detail parameter

Column Name	Null?	Data Type	Description
VISIBLE_PARAMETER7	NULL	VARCHAR2(200)	Reference Detail parameter
PARAMETER8	NULL	VARCHAR2(200)	Reference Detail parameter
VISIBLE_PARAMETER8	NULL	VARCHAR2(200)	Reference Detail parameter
PARAMETER9	NULL	VARCHAR2(200)	Reference Detail parameter
VISIBLE_PARAMETER9	NULL	VARCHAR2(200)	Reference Detail parameter
PARAMETER10	NULL	VARCHAR2(200)	Description of the attachment or document url
VISIBLE_PARAMETER10	NULL	VARCHAR2(200)	Description of the attachment or document url
PARAMETER11	NULL	VARCHAR2(200)	Reference Detail parameter
VISIBLE_PARAMETER11	NULL	VARCHAR2(200)	Reference Detail parameter
PARAMETER12	NULL	VARCHAR2(200)	Reference Detail parameter
VISIBLE_PARAMETER12	NULL	VARCHAR2(200)	Reference Detail parameter
PARAMETER13	NULL	VARCHAR2(200)	Reference Detail parameter
VISIBLE_PARAMETER13	NULL	VARCHAR2(200)	Reference Detail parameter
PARAMETER14	NULL	VARCHAR2(200)	Reference Detail parameter
VISIBLE_PARAMETER14	NULL	VARCHAR2(200)	Reference Detail parameter
PARAMETER15	NULL	VARCHAR2(200)	Reference Detail parameter
VISIBLE_PARAMETER15	NULL	VARCHAR2(200)	Reference Detail parameter
PARAMETER16	NULL	VARCHAR2(200)	Reference Detail parameter
VISIBLE_PARAMETER16	NULL	VARCHAR2(200)	Reference Detail parameter
PARAMETER17	NULL	VARCHAR2(200)	Reference Detail parameter
VISIBLE_PARAMETER17	NULL	VARCHAR2(200)	Reference Detail parameter
PARAMETER18	NULL	VARCHAR2(200)	Reference Detail parameter
VISIBLE_PARAMETER18	NULL	VARCHAR2(200)	Reference Detail parameter
PARAMETER19	NULL	VARCHAR2(200)	Reference Detail parameter
VISIBLE_PARAMETER19	NULL	VARCHAR2(200)	Reference Detail parameter
PARAMETER20	NULL	VARCHAR2(200)	Reference Detail parameter
VISIBLE_PARAMETER20	NULL	VARCHAR2(200)	Reference Detail parameter
OVERRIDE_CODE	NULL	VARCHAR2(30)	Indicates whether a dependent reference has been overridden or not, and if so, the source of the override (user or system)

#### Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_REFERENCES_N1	NOT UNIQUE	1	SOURCE_ENTITY_ID
KNTA_REFERENCES_N1	NOT UNIQUE	2	SOURCE_ID
KNTA_REFERENCES_N2	NOT UNIQUE	1	REF_RELATIONSHIP_ID
KNTA_REFERENCES_N3	NOT UNIQUE	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	Column Name
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
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
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

## Column Descriptions

Column Name	Null?	Data Type	Description
REFRESH_GROUP_ID	NULL	NUMBER	System-generated identifier
REFRESH_GROUP_NAME	NULL	VARCHAR2(80)	User given name for the refresh run
CREATION_DATE	NULL	DATE	Date record was created
CREATED_BY	NULL	NUMBER	Identifier for the user that created the record
LAST_UPDATE_DATE	NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NULL	NUMBER	Identifier for the user that last updated the record
ENTITY_LAST_UPDATE_DATE	NULL	DATE	Date a record in the entity was last updated
REFRESHED_ENV_ID	NULL	NUMBER	Identifier for the Environment which was refreshed
FROM_ENV_ID	NULL	NUMBER	Identifier for the Environment from where ther refresh was done
STATUS_CODE	NULL	VARCHAR2(30)	Status of the refresh (OPEN/CLOSED)
USER_DATA_SET_CONTEXT_ID	NULL	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA1	NULL	VARCHAR2(200)	User data segment
USER_DATA2	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA2	NULL	VARCHAR2(200)	User data segment
USER_DATA3	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA3	NULL	VARCHAR2(200)	User data segment
USER_DATA4	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA4	NULL	VARCHAR2(200)	User data segment
USER_DATA5	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA5	NULL	VARCHAR2(200)	User data segment
USER_DATA6	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA6	NULL	VARCHAR2(200)	User data segment
USER_DATA7	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA7	NULL	VARCHAR2(200)	User data segment
USER_DATA8	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA8	NULL	VARCHAR2(200)	User data segment
USER_DATA9	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA9	NULL	VARCHAR2(200)	User data segment
USER_DATA10	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA10	NULL	VARCHAR2(200)	User data segment
USER_DATA11	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA11	NULL	VARCHAR2(200)	User data segment

Column Name	Null?	Data Type	Description
USER_DATA12	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA12	NULL	VARCHAR2 (200)	User data segment
USER_DATA13	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA13	NULL	VARCHAR2 (200)	User data segment
USER_DATA14	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA14	NULL	VARCHAR2 (200)	User data segment
USER_DATA15	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA15	NULL	VARCHAR2 (200)	User data segment
USER_DATA16	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA16	NULL	VARCHAR2 (200)	User data segment
USER_DATA17	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA17	NULL	VARCHAR2 (200)	User data segment
USER_DATA18	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA18	NULL	VARCHAR2 (200)	User data segment
USER_DATA19	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA19	NULL	VARCHAR2 (200)	User data segment
USER_DATA20	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA20	NULL	VARCHAR2 (200)	User data segment

*Indexes*

Index Name	Index Type	Sequence	Column Name
KNTA_REFRESH_GROUPS_N1	NOT UNIQUE	1	REFRESHED_ENV_ID
KNTA_REFRESH_GROUPS_N1	NOT UNIQUE	2	FROM_ENV_ID
KNTA_REFRESH_GROUPS_N2	NOT UNIQUE	1	FROM_ENV_ID
KNTA_REFRESH_GROUPS_N2	NOT UNIQUE	2	REFRESHED_ENV_ID
KNTA_REFRESH_GROUPS_U1	UNIQUE	1	REFRESH_GROUP_ID

*Sequences*

Sequence Name	Column Name
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
KNTA_REFRESH_GROUPS	REFRESH_GROUP_ID	REFRESH_GROUP_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_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	FROM_STEP_ID
KWFL_WORKFLOW_STEPS	WORKFLOW_STEP_ID	TO_STEP_ID

## Column Descriptions

Column Name	Null?	Data Type	Description
REFRESH_GROUP_ID	NULL	NUMBER	Refresh Group to which this line belongs
REFRESH_LINE_ID	NULL	NUMBER	System-generated identifier
CREATION_DATE	NULL	DATE	Date record was created
CREATED_BY	NULL	NUMBER	Identifier for the user that created the record
LAST_UPDATE_DATE	NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NULL	NUMBER	Identifier for the user that last updated the record
SOURCE_CODE	NULL	VARCHAR2(30)	Source for the line (MANUAL, DERIVED)
PACKAGE_ID	NULL	NUMBER	Identifier for the Package
PACKAGE_LINE_ID	NULL	NUMBER	Identifier for the Package Line
WORKFLOW_ID	NULL	NUMBER	Identifier for the Workflow to which the Package Line belongs
WORKFLOW_INSTANCE_ID	NULL	NUMBER	Identifier for the workflow instance
WORKFLOW_INSTANCE_STEP_ID	NULL	NUMBER	Identifier for the workflow instance step
FROM_STEP_ID	NULL	NUMBER	Identifier for the workflow step that was eligible before refresh
FROM_STEP_TRANSACTION_ID	NULL	NUMBER	Identifier for the workflow step transaction that was eligible before refresh
TO_STEP_ID	NULL	NUMBER	Identifier for the workflow step that will be eligible after refresh
STATUS_CODE	NULL	VARCHAR2(30)	Refresh status for the line (PENDING, COMPLETED, EXCLUDE)

*Indexes*

Index Name	Index Type	Sequence	Column Name
KNTA_REFRESH_LINES_N1	NOT UNIQUE	1	PACKAGE_ID
KNTA_REFRESH_LINES_N1	NOT UNIQUE	2	PACKAGE_LINE_ID
KNTA_REFRESH_LINES_N2	NOT UNIQUE	1	PACKAGE_LINE_ID
KNTA_REFRESH_LINES_N2	NOT UNIQUE	2	PACKAGE_ID
KNTA_REFRESH_LINES_U1	UNIQUE	1	REFRESH_GROUP_ID
KNTA_REFRESH_LINES_U1	UNIQUE	2	REFRESH_LINE_ID

*Sequences*

Sequence Name	Column Name
KNTA_REFRESH_LINES_S	REFRESH_LINE_ID



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## 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	NULL	NUMBER	System-generated identifier
REFRESH_GROUP_ID	NULL	NUMBER	Identifier for the refresh group to which this message belongs
REFRESH_LINE_ID	NULL	NUMBER	Identifier for the refresh line to which this message belongs
CREATION_DATE	NULL	DATE	Date record was created
CREATED_BY	NULL	NUMBER	Identifier for the user that created the record
LAST_UPDATE_DATE	NULL	DATE	Date record was last updated
LAST_UPDATED_BY	NULL	NUMBER	Identifier for the user that last updated the record
DETAIL_TEXT	NULL	VARCHAR2(2000)	Exception message

### Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_REFRESH_LINE_DETAILS_N1	NOT UNIQUE	1	REFRESH_GROUP_ID
KNTA_REFRESH_LINE_DETAILS_N1	NOT UNIQUE	2	REFRESH_LINE_ID
KNTA_REFRESH_LINE_DETAILS_U1	UNIQUE	1	REFRESH_LINE_DETAIL_ID

### Sequences

Sequence Name	Column Name
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_REF_RELATIONSHIPS	REF_RELATIONSHIP_ID	REVERSE_RELATIONSHIP_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

### 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(50)	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(30)	The entity type of the target entity
RELATIONSHIP_DESCRIPTION	NULL	VARCHAR2(240)	Description of the relationship name defined when a relationship is being displayed. It contains tokens [SOURCE_ID] and [TARGET_ID] to be replaced by Kintana to show the relevant information for the source and target entity
CREATION_DESCRIPTION	NULL	VARCHAR2(240)	Description of the relationship name when the relationship is being created. It contains tokens [SOURCE_ID] and [TARGET_ID] to be replaced by Kintana to show the relevant information for the source and target entity
REVERSE_RELATIONSHIP_ID	NULL	NUMBER	A reference to this table for its reverse relationship information if applicable
REL_BEHAVIOR_CODE	NOT NULL	VARCHAR2(30)	Categorizes the type of relationship between the source entity and target entity (eg, informational)
READ_ONLY_FLAG	NOT NULL	VARCHAR2(1)	Y or N flag to indicate if the relationship could be modified or deleted
SHOW_TARGET_TYPE_FLAG	NOT NULL	VARCHAR2(1)	Y or N flag to indicate whether the relationship is allowed to be used by user to create such relationship. This flag is for internal use.

*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.

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## KNTA\_REGIONS

This table stores information about the available regions.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCST_CURRENCIES	CURRENCY_ID	CURRENCY_ID
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
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(100)	Name of the region
DESCRIPTION	NULL	VARCHAR2(200)	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(1)	Flag indicating whether this region is enabled
ENTITY_LAST_UPDATE_DATE	NULL	DATE	Date a record in the entity was last updated

### Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_REGIONS_N1	NOT UNIQUE	1	CURRENCY_ID
KNTA_REGIONS_N2	NOT UNIQUE	1	CALENDAR_ID
KNTA_REGIONS_U1	UNIQUE	1	REGION_ID
KNTA_REGIONS_U2	UNIQUE	1	REGION_NAME

### Sequences

Sequence Name	Column Name
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	NULL	NUMBER	An identifier for the report containing the notifications
LINE_NUM	NULL	NUMBER	A number used to order the lines
LINE_TEXT	NULL	VARCHAR2(4000)	A line of notification text

### *Indexes*

This table does not have any indexes.

### *Sequences*

This table does not use any sequences.

## 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_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	PARAMETER_SET_CONTEXT_ID
KNTA_REPORT_TYPES	REPORT_TYPE_ID	REPORT_TYPE_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
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(1)	Whether the report is scheduled for periodic executions
SCHEDULED_TIME	NULL	DATE	Date/time when the report should run
REPEAT_UNTIL_DATE	NULL	DATE	Date/time when the recurrence ends
RECURRENCE_PATTERN_CODE	NULL	VARCHAR2(30)	Hours, days, weeks, etc. A knta_lookup type.
REPEAT_FREQUENCY	NULL	NUMBER	How often the report needs to run repeatedly
STATUS_CODE	NOT NULL	VARCHAR2(30)	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	NULL	NUMBER	Foreign key to table knta_parameter_set_contexts
PARAMETER1	NULL	VARCHAR2(200)	Report submission parameter for internal use
VISIBLE_PARAMETER1	NULL	VARCHAR2(200)	Report submission parameter for display purpose
PARAMETER2	NULL	VARCHAR2(200)	Report submission parameter for internal use
VISIBLE_PARAMETER2	NULL	VARCHAR2(200)	Report submission parameter for display purpose
PARAMETER3	NULL	VARCHAR2(200)	Report submission parameter for internal use
VISIBLE_PARAMETER3	NULL	VARCHAR2(200)	Report submission parameter for display purpose
PARAMETER4	NULL	VARCHAR2(200)	Report submission parameter for internal use
VISIBLE_PARAMETER4	NULL	VARCHAR2(200)	Report submission parameter for display purpose
PARAMETER5	NULL	VARCHAR2(200)	Report submission parameter for internal use
VISIBLE_PARAMETER5	NULL	VARCHAR2(200)	Report submission parameter for display purpose
PARAMETER6	NULL	VARCHAR2(200)	Report submission parameter for internal use
VISIBLE_PARAMETER6	NULL	VARCHAR2(200)	Report submission parameter for display purpose
PARAMETER7	NULL	VARCHAR2(200)	Report submission parameter for

Column Name	Null?	Data Type	Description
VISIBLE_PARAMETER7	NULL	VARCHAR2(200)	Report submission parameter for display purpose
PARAMETER8	NULL	VARCHAR2(200)	Report submission parameter for internal use
VISIBLE_PARAMETER8	NULL	VARCHAR2(200)	Report submission parameter for display purpose
PARAMETER9	NULL	VARCHAR2(200)	Report submission parameter for internal use
VISIBLE_PARAMETER9	NULL	VARCHAR2(200)	Report submission parameter for display purpose
PARAMETER10	NULL	VARCHAR2(200)	Report submission parameter for internal use
VISIBLE_PARAMETER10	NULL	VARCHAR2(200)	Report submission parameter for display purpose
PARAMETER11	NULL	VARCHAR2(200)	Report submission parameter for internal use
VISIBLE_PARAMETER11	NULL	VARCHAR2(200)	Report submission parameter for display purpose
PARAMETER12	NULL	VARCHAR2(200)	Report submission parameter for internal use
VISIBLE_PARAMETER12	NULL	VARCHAR2(200)	Report submission parameter for display purpose
PARAMETER13	NULL	VARCHAR2(200)	Report submission parameter for internal use
VISIBLE_PARAMETER13	NULL	VARCHAR2(200)	Report submission parameter for display purpose
PARAMETER14	NULL	VARCHAR2(200)	Report submission parameter for internal use
VISIBLE_PARAMETER14	NULL	VARCHAR2(200)	Report submission parameter for display purpose
PARAMETER15	NULL	VARCHAR2(200)	Report submission parameter for internal use
VISIBLE_PARAMETER15	NULL	VARCHAR2(200)	Report submission parameter for display purpose
PARAMETER16	NULL	VARCHAR2(200)	Report submission parameter for internal use
VISIBLE_PARAMETER16	NULL	VARCHAR2(200)	Report submission parameter for display purpose
PARAMETER17	NULL	VARCHAR2(200)	Report submission parameter for internal use
VISIBLE_PARAMETER17	NULL	VARCHAR2(200)	Report submission parameter for display purpose
PARAMETER18	NULL	VARCHAR2(200)	Report submission parameter for internal use
VISIBLE_PARAMETER18	NULL	VARCHAR2(200)	Report submission parameter for display purpose
PARAMETER19	NULL	VARCHAR2(200)	Report submission parameter for internal use
VISIBLE_PARAMETER19	NULL	VARCHAR2(200)	Report submission parameter for display purpose
PARAMETER20	NULL	VARCHAR2(200)	Report submission parameter for internal use
VISIBLE_PARAMETER20	NULL	VARCHAR2(200)	Report submission parameter for display purpose
PARAMETER21	NULL	VARCHAR2(200)	Report submission parameter for internal use
VISIBLE_PARAMETER21	NULL	VARCHAR2(200)	Report submission parameter for display purpose
PARAMETER22	NULL	VARCHAR2(200)	Report submission parameter for internal use
VISIBLE_PARAMETER22	NULL	VARCHAR2(200)	Report submission parameter for display purpose
PARAMETER23	NULL	VARCHAR2(200)	Report submission parameter for internal use

Column Name	Null?	Data Type	Description
VISIBLE_PARAMETER23	NULL	VARCHAR2(200)	Report submission parameter for display purpose
PARAMETER24	NULL	VARCHAR2(200)	Report submission parameter for internal use
VISIBLE_PARAMETER24	NULL	VARCHAR2(200)	Report submission parameter for display purpose
PARAMETER25	NULL	VARCHAR2(200)	Report submission parameter for internal use
VISIBLE_PARAMETER25	NULL	VARCHAR2(200)	Report submission parameter for display purpose
PARAMETER26	NULL	VARCHAR2(200)	Report submission parameter for internal use
VISIBLE_PARAMETER26	NULL	VARCHAR2(200)	Report submission parameter for display purpose
PARAMETER27	NULL	VARCHAR2(200)	Report submission parameter for internal use
VISIBLE_PARAMETER27	NULL	VARCHAR2(200)	Report submission parameter for display purpose
PARAMETER28	NULL	VARCHAR2(200)	Report submission parameter for internal use
VISIBLE_PARAMETER28	NULL	VARCHAR2(200)	Report submission parameter for display purpose
PARAMETER29	NULL	VARCHAR2(200)	Report submission parameter for internal use
VISIBLE_PARAMETER29	NULL	VARCHAR2(200)	Report submission parameter for display purpose
PARAMETER30	NULL	VARCHAR2(200)	Report submission parameter for internal use
VISIBLE_PARAMETER30	NULL	VARCHAR2(200)	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	NULL	VARCHAR2(100)	Filename of the HTML report
RELEASE_DATE	NULL	DATE	Date when report is release to run; required by workflow engine
PARAMETER31	NULL	VARCHAR2(200)	Report submission parameter for internal use
VISIBLE_PARAMETER31	NULL	VARCHAR2(200)	Report submission parameter for display purpose
PARAMETER32	NULL	VARCHAR2(200)	Report submission parameter for internal use
VISIBLE_PARAMETER32	NULL	VARCHAR2(200)	Report submission parameter for display purpose
PARAMETER33	NULL	VARCHAR2(200)	Report submission parameter for internal use
VISIBLE_PARAMETER33	NULL	VARCHAR2(200)	Report submission parameter for display purpose
PARAMETER34	NULL	VARCHAR2(200)	Report submission parameter for internal use
VISIBLE_PARAMETER34	NULL	VARCHAR2(200)	Report submission parameter for display purpose
PARAMETER35	NULL	VARCHAR2(200)	Report submission parameter for internal use
VISIBLE_PARAMETER35	NULL	VARCHAR2(200)	Report submission parameter for display purpose
PARAMETER36	NULL	VARCHAR2(200)	Report submission parameter for internal use
VISIBLE_PARAMETER36	NULL	VARCHAR2(200)	Report submission parameter for display purpose



Column Name	Null?	Data Type	Description
PARAMETER37	NULL	VARCHAR2(200)	Report submission parameter for internal use
VISIBLE_PARAMETER37	NULL	VARCHAR2(200)	Report submission parameter for display purpose
PARAMETER38	NULL	VARCHAR2(200)	Report submission parameter for internal use
VISIBLE_PARAMETER38	NULL	VARCHAR2(200)	Report submission parameter for display purpose
PARAMETER39	NULL	VARCHAR2(200)	Report submission parameter for internal use
VISIBLE_PARAMETER39	NULL	VARCHAR2(200)	Report submission parameter for display purpose
PARAMETER40	NULL	VARCHAR2(200)	Report submission parameter for internal use
VISIBLE_PARAMETER40	NULL	VARCHAR2(200)	Report submission parameter for display purpose
PARAMETER41	NULL	VARCHAR2(200)	Report submission parameter for internal use
VISIBLE_PARAMETER41	NULL	VARCHAR2(200)	Report submission parameter for display purpose
PARAMETER42	NULL	VARCHAR2(200)	Report submission parameter for internal use
VISIBLE_PARAMETER42	NULL	VARCHAR2(200)	Report submission parameter for display purpose
PARAMETER43	NULL	VARCHAR2(200)	Report submission parameter for internal use
VISIBLE_PARAMETER43	NULL	VARCHAR2(200)	Report submission parameter for display purpose
PARAMETER44	NULL	VARCHAR2(200)	Report submission parameter for internal use
VISIBLE_PARAMETER44	NULL	VARCHAR2(200)	Report submission parameter for display purpose
PARAMETER45	NULL	VARCHAR2(200)	Report submission parameter for internal use
VISIBLE_PARAMETER45	NULL	VARCHAR2(200)	Report submission parameter for display purpose
PARAMETER46	NULL	VARCHAR2(2000)	Report submission parameter for internal use
VISIBLE_PARAMETER46	NULL	VARCHAR2(2000)	Report submission parameter for display purpose
PARAMETER47	NULL	VARCHAR2(2000)	Report submission parameter for internal use
VISIBLE_PARAMETER47	NULL	VARCHAR2(2000)	Report submission parameter for display purpose
PARAMETER48	NULL	VARCHAR2(2000)	Report submission parameter for internal use
VISIBLE_PARAMETER48	NULL	VARCHAR2(2000)	Report submission parameter for display purpose
PARAMETER49	NULL	VARCHAR2(2000)	Report submission parameter for internal use
VISIBLE_PARAMETER49	NULL	VARCHAR2(2000)	Report submission parameter for display purpose
PARAMETER50	NULL	VARCHAR2(2000)	Report submission parameter for internal use
VISIBLE_PARAMETER50	NULL	VARCHAR2(2000)	Report submission parameter for display purpose
SIMPLE_NOTIFICATION_ID	NULL	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	NOT UNIQUE	1	REPORT_TYPE_ID
KNTA_REPORT_SUBMISSIONS_U1	UNIQUE	1	REPORT_SUBMISSION_ID

*Sequences*

Sequence Name	Column Name
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(80)	Name of the report type
DESCRIPTION	NULL	VARCHAR2(240)	Description of the report type
REQUIRE_LICENSE_CODE	NOT NULL	VARCHAR2(200)	Code for the specific license required to run this report type
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Determines whether or not the report type may be used for new report submissions
REPORT_VIEW_ACCESS_CODE	NOT NULL	VARCHAR2(30)	Link to view access value in Lookups
RESTRICT_NEW_FLAG	NOT NULL	VARCHAR2(1)	Determines whether new report types should be excluded automatically
REPORT_CATEGORY_CODE	NOT NULL	VARCHAR2(200)	A user configurable category that can be multi delimited
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update

### Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_REPORT_TYPES_N1	NOT UNIQUE	1	REQUIRE_LICENSE_CODE
KNTA_REPORT_TYPES_N2	NOT UNIQUE	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

Column Name

---

KNTA\_REPORT\_TYPES\_S

---

REPORT\_TYPE\_ID

## KNTA\_RESOLVED\_SEC\_TOKENS

Enter a description for KNTA\_RESOLVED\_SEC\_TOKENS here, and verify the Temp Table Flag is correct.

### 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	USER_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

### 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	
ENTITY_ID	NOT NULL	NUMBER	
SECURITY_TYPE_CODE	NOT NULL	VARCHAR2 (80)	
SECURITY_GROUP_ID	NULL	NUMBER	
USER_ID	NULL	NUMBER	
OBSOLETE_FLAG	NULL	VARCHAR2 (3)	
TOKEN	NULL	VARCHAR2 (80)	

### Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_RESOLVED_SEC_TOKENS_N1	NOT UNIQUE	1	ENTITY_PRIMARY_KEY
KNTA_RESOLVED_SEC_TOKENS_N1	NOT UNIQUE	2	ENTITY_ID
KNTA_RESOLVED_SEC_TOKENS_N1	NOT UNIQUE	3	TOKEN
KNTA_RESOLVED_SEC_TOKENS_N1	NOT UNIQUE	4	USER_ID
KNTA_RESOLVED_SEC_TOKENS_N2	NOT UNIQUE	1	ENTITY_PRIMARY_KEY
KNTA_RESOLVED_SEC_TOKENS_N2	NOT UNIQUE	2	ENTITY_ID
KNTA_RESOLVED_SEC_TOKENS_N2	NOT UNIQUE	3	TOKEN
KNTA_RESOLVED_SEC_TOKENS_N2	NOT UNIQUE	4	SECURITY_GROUP_ID
KNTA_RESOLVED_SEC_TOKENS_U1	UNIQUE	1	RESOLVED_SEC_TOKEN_ID

### Sequences

Sequence Name	Column Name
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
KCRT_REQUEST_SEARCH_COLUMNS	REQUEST_SEARCH_COLUMN_ID	PARENT_ID
KNTA_PARAMETER_SET_FIELDS	PARAMETER_SET_FIELD_ID	PARAMETER_SET_FIELD_ID
KNTA_PORTLETS	PORTLET_ID	PARENT_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KRML_PARAMETER_SET_FLDS_COPY	PARAMETER_SET_FIELD_ID	PARAMETER_SET_FIELD_ID

### Column Descriptions

Column Name	Null?	Data Type	Description
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	NULL	NUMBER	Identifier for the parameter set field associated with this column
TOKEN	NOT NULL	VARCHAR2(1000)	The search token name
PROMPT	NULL	VARCHAR2(1000)	The displayed name of the column
SEQ	NOT NULL	NUMBER	Sequence number, used to order the columns
PARENT_TYPE_CODE	NOT NULL	VARCHAR2(40)	Indicates the parent of the column (ie, kcr_request_search_columns or knta_portlets)
PARENT_ID	NOT NULL	NUMBER	Identifier for the parent (ie, kcr_request_search_column_id or portlet_id)
PIXEL_WIDTH	NULL	NUMBER	Width of the column in pixels
SORT_DATA_TYPE	NOT NULL	VARCHAR2(30)	Indicates how data should be typed during sort operations
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	
SOURCE	NULL	VARCHAR2(100)	

### Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_RESULT_COLUMNS_N1	NOT UNIQUE	1	PARENT_ID
KNTA_RESULT_COLUMNS_N1	NOT UNIQUE	2	PARENT_TYPE_CODE
KNTA_RESULT_COLUMNS_U1	UNIQUE	1	RESULT_COLUMN_ID

### Sequences

Sequence Name	Column Name
KNTA_RESULT_COLUMNS_S	RESULT_COLUMN_ID

## KNTA\_SAVED\_SEARCHES

All the searches of the Kintana interface that are saved are stored in this table.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_ENTITIES	ENTITY_ID	ENTITY_ID
KNTA_SEARCH_CATEGORIES	SEARCH_CATEGORY_ID	SEARCH_CATEGORY_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

### 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(80)	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.

### Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_SAVED_SEARCHES_N1	NOT UNIQUE	1	SEARCH_CATEGORY_ID
KNTA_SAVED_SEARCHES_U1	UNIQUE	1	SAVED_SEARCH_ID

### Sequences

Sequence Name	Column Name
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(40)	Name of the filter.
FILTER_HIDDEN_VALUE	NOT NULL	VARCHAR2(2000)	Hidden value for the filter
FILTER_VISIBLE_VALUE	NOT NULL	VARCHAR2(2000)	Visible value for the filter

### Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_SAVED_SEARCH_FILTERS_N1	NOT UNIQUE	1	SAVED_SEARCH_ID
KNTA_SAVED_SEARCH_FILTERS_U1	UNIQUE	1	SAVED_SEARCH_FILTER_ID

### Sequences

Sequence Name	Column Name
KNTA_SAVED_SEARCH_FILTERS_S	SAVED_SEARCH_FILTER_ID



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## KNTA\_SAVED\_SEARCH\_TYPES

There is one record for each saved search type supported in the Kintana Interface. 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_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
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(200)	The url for the search page jsp
RESULT_JSP	NOT NULL	VARCHAR2(200)	The url for the result page jsp

### Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_SAVED_SEARCH_TYPES_U1	UNIQUE	1	SAVED_SEARCH_TYPE_ID
KNTA_SAVED_SEARCH_TYPES_U2	UNIQUE	1	ENTITY_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(100)	A fully-qualified WorkerThread subclass name
SCHEDULED_TIME	NOT NULL	DATE	Scheduled time for the task; for a repetitive task, time for the next run.
TASK_DATA_ID	NULL	NUMBER	Foreign key to the owner table of this task, e.g. knta_report_submissions.
GROUP_ID	NULL	NUMBER	Used to group tasks together for serial execution.
SCHEDULED_TASK_RECUR_ID	NULL	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	NULL	NUMBER	Tasks with smaller priority sequence are run earlier.

### Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_SCHEDULED_TASKS_N1	NOT UNIQUE	1	GROUP_ID
KNTA_SCHEDULED_TASKS_N2	NOT UNIQUE	1	TASK_DATA_ID
KNTA_SCHEDULED_TASKS_U1	UNIQUE	1	SCHEDULED_TASK_ID

### Sequences

Sequence Name	Column Name
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(30)	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
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	NOT UNIQUE	1	SCHEDULED_TASK_ID
KNTA_SCHEDULED_TASK_RECUR_U1	UNIQUE	1	SCHEDULED_TASK_RECUR_ID

### Sequences

Sequence Name	Column Name
KNTA_SCHEDULED_TASK_RECUR_S	SCHEDULED_TASK_RECUR_ID

---

## KNTA\_SCREEN

The KNTA\_SCREEN table stores a reference list of the screens in the Kintana Products Suite 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_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
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(40)	The name of the user interface screen
DESCRIPTION	NULL	VARCHAR2(240)	Description for the screen
PRODUCT_ID	NULL	NUMBER	The Kintana product of which this screen is part; shared screens have no product reference
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Determines whether this screen is currently an active part of the Kintana user interface

### Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_SCREEN_U1	UNIQUE	1	SCREEN_ID
KNTA_SCREEN_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(80)	Name displayed to the user for the search category
USER_ID	NOT NULL	NUMBER	Identifier for the user who owns this search category
SEQ	NOT NULL	NUMBER	Relative order of this search category for a given user
EDITABLE_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether the user can edit the name or delete the category

### Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_SEARCH_CATEGORIES_N1	NOT UNIQUE	1	USER_ID
KNTA_SEARCH_CATEGORIES_U1	UNIQUE	1	SEARCH_CATEGORY_ID

### Sequences

Sequence Name	Column Name
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(80)	The name of the section
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)

### Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_SECTIONS_U1	UNIQUE	1	SECTION_ID

### Sequences

Sequence Name	Column Name
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_ENTITIES	PRIMARY_KEY	ENTITY_PRIMARY_KEY
KNTA_SECTIONS	SECTION_ID	SECTION_ID

### Column Descriptions

Column Name	Null?	Data Type	Description
SECTION_LAYOUT_ID	NOT NULL	NUMBER	System-generated identifier
SECTION_ID	NOT NULL	NUMBER	Identifier of the section which this record belongs to
SEQ	NOT NULL	NUMBER	Sequence number in which this section layout belongs to
SECTION_TYPE_CODE	NULL	VARCHAR2(30)	Section type identifier
ENTITY_ID	NULL	NUMBER	Entity type identifier
ENTITY_PRIMARY_KEY	NULL	NUMBER	Entity instance identifier
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
CREATION_DATE	NULL	DATE	Date record was created
LAST_UPDATE_DATE	NULL	DATE	Date record was last updated

### Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_SECTION_LAYOUTS_N1	NOT UNIQUE	1	ENTITY_ID
KNTA_SECTION_LAYOUTS_N1	NOT UNIQUE	2	ENTITY_PRIMARY_KEY
KNTA_SECTION_LAYOUTS_N1	NOT UNIQUE	3	SECTION_ID
KNTA_SECTION_LAYOUTS_N2	NOT UNIQUE	1	SECTION_ID
KNTA_SECTION_LAYOUTS_U1	UNIQUE	1	SECTION_LAYOUT_ID

### Sequences

Sequence Name	Column Name
KNTA_SECTION_LAYOUTS_S	SECTION_LAYOUT_ID

# KNTA\_SECURITY\_GROUPS

KNTA\_SECURITY\_GROUPS stores the definitions for each of the security groups defined in Kintana Product Suite.

## Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
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
KRSC_ORG_UNITS	ORG_UNIT_ID	ORG_UNIT_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	NULL	VARCHAR2(40)	The name of the security group
DESCRIPTION	NULL	VARCHAR2(240)	The description of the security group
RESTRICT_WF_FLAG	NULL	VARCHAR2(1)	Determines whether or not any new Workflows created at a later date are excluded from this security group
RESTRICT_APPCODE_FLAG	NULL	VARCHAR2(1)	Determines whether or not any new AppCodes created at a later date are excluded from this security group
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Determines whether the users and/or workflows may participate in this security group
USED_BY_PACKAGES_FLAG	NULL	VARCHAR2(1)	Determines whether or not members of this Security Group can be assigned to Packages
USED_BY_PROJECTS_FLAG	NULL	VARCHAR2(1)	Determines whether or not members of this Security Group can be used as resources in a Project
USED_BY_REQUESTS_FLAG	NULL	VARCHAR2(1)	Determines whether or not members of this Security Group can create and be assigned to Requests
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.
USER_DATA_SET_CONTEXT_ID	NULL	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA1	NULL	VARCHAR2(200)	User data segment



Column Name	Null?	Data Type	Description
USER_DATA2	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA2	NULL	VARCHAR2 (200)	User data segment
USER_DATA3	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA3	NULL	VARCHAR2 (200)	User data segment
USER_DATA4	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA4	NULL	VARCHAR2 (200)	User data segment
USER_DATA5	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA5	NULL	VARCHAR2 (200)	User data segment
USER_DATA6	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA6	NULL	VARCHAR2 (200)	User data segment
USER_DATA7	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA7	NULL	VARCHAR2 (200)	User data segment
USER_DATA8	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA8	NULL	VARCHAR2 (200)	User data segment
USER_DATA9	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA9	NULL	VARCHAR2 (200)	User data segment
USER_DATA10	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA10	NULL	VARCHAR2 (200)	User data segment
USER_DATA11	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA11	NULL	VARCHAR2 (200)	User data segment
USER_DATA12	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA12	NULL	VARCHAR2 (200)	User data segment
USER_DATA13	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA13	NULL	VARCHAR2 (200)	User data segment
USER_DATA14	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA14	NULL	VARCHAR2 (200)	User data segment
USER_DATA15	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA15	NULL	VARCHAR2 (200)	User data segment
USER_DATA16	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA16	NULL	VARCHAR2 (200)	User data segment
USER_DATA17	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA17	NULL	VARCHAR2 (200)	User data segment
USER_DATA18	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA18	NULL	VARCHAR2 (200)	User data segment
USER_DATA19	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA19	NULL	VARCHAR2 (200)	User data segment
USER_DATA20	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA20	NULL	VARCHAR2 (200)	User data segment
ORG_UNIT_ID	NULL	NUMBER	Identifier for the org unit whose members comprise this security group
CASCADING_FLAG	NOT NULL	VARCHAR2 (1)	Indicates whether members of descendant org units are included in this security group
USED_BY_TIME_SHEETS_FLAG	NULL	VARCHAR2 (1)	Indicates whether the security group can be used by time sheets
RESTRICT_CHARGE_CODES_FLAG	NOT NULL	VARCHAR2 (1)	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	NOT UNIQUE	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	Column Name
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(100)	Name of the parameter
VALUE	NULL	VARCHAR2(500)	Value of the parameter
DESCRIPTION	NULL	VARCHAR2(1000)	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	Column Name
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(100)	Name of the server parameter
DEFAULT_VALUE	NULL	VARCHAR2(500)	Default value of the server parameter
DESCRIPTION	NULL	VARCHAR2(1000)	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	Column Name
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 Kintana 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	NULL	NUMBER	Identifier to reference an accelerator
JAVA_CLASS	NOT NULL	VARCHAR2(100)	Name of the Java class that implements an execution service
SERVICE_ENABLED_PARAMETER	NULL	VARCHAR2(200)	Flag to indicate whether the service should be run
USE_SERVICE_CONTROLLER	NOT NULL	VARCHAR2(5)	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(200)	Name of the service corresponding to the Java class
RUN_IN_SEPARATE_THREAD	NOT NULL	VARCHAR2(1)	Flag to indicate whether the service should be run in a separate thread. Only used when USE_SERVICE_CONTROLLER is true.
LAST_RUN_DATE	NULL	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

Enter a description for KNTA\_SHARED\_LOCKS here, and verify the Temp Table Flag is correct.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
<UNKNOWN>	<UNKNOWN>	POOL_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
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	
ENTITY_PRIMARY_KEY	NOT NULL	NUMBER	
KINTANA_SERVER_NAME	NOT NULL	VARCHAR2(30)	
POOL_ID	NOT NULL	NUMBER	

### Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_SHARED_LOCKS_N1	NOT UNIQUE	1	ENTITY_ID
KNTA_SHARED_LOCKS_N1	NOT UNIQUE	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_SPECIAL_COMMAND_TYPES	SPECIAL_COMMAND_TYPE_ID	SPECIAL_COMMAND_TYPE_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
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(40)	The name of the parameter
PARAMETER_TOKEN	NOT NULL	VARCHAR2(120)	The default token to use for this value if no parameter is specified when the special command is invoked
DESCRIPTION	NULL	VARCHAR2(80)	Details of the parameter
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Whether this parameter is to be used ('Y' or 'N')
SPECIAL_COMMAND_TYPE_ID	NULL	NUMBER	Foreign key reference to the special command types table
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update

### Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_SPECIAL_CMD_PARAMS_N1	NOT UNIQUE	1	SPECIAL_COMMAND_TYPE_ID
KNTA_SPECIAL_CMD_PARAMS_U1	UNIQUE	1	PARAMETER_ID

### Sequences

Sequence Name	Column Name
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 Kintana 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_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
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(80)	Name of the special command.
DESCRIPTION	NULL	VARCHAR2(240)	Details
ENTITY_ID	NOT NULL	NUMBER	The entity identifier for the special command
ENABLED_FLAG	NULL	VARCHAR2(1)	Indicates whether the special command will be shown in the special command builder
EXPAND_FLAG	NULL	VARCHAR2(1)	'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	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update

### Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_SPECIAL_COMMAND_TYPES_U1	UNIQUE	1	SPECIAL_COMMAND_TYPE_ID
KNTA_SPECIAL_COMMAND_TYPES_U2	UNIQUE	1	SPECIAL_COMMAND_TYPE_NAME

*Sequences*

Sequence Name

Column Name

---

KNTA\_SPECIAL\_COMMAND\_TYPES\_S

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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(20)	The name of the stored query
USER_ID	NOT NULL	NUMBER	Indicates the user who can load and execute this stored query
WORKBENCH_CODE	NOT NULL	NUMBER	Indicates the workbench within which this stored query can be loaded and executed
QUERY_PARAMETER1	NULL	VARCHAR2(400)	Stored query segment
QUERY_PARAMETER2	NULL	VARCHAR2(400)	Stored query segment
QUERY_PARAMETER3	NULL	VARCHAR2(400)	Stored query segment
QUERY_PARAMETER4	NULL	VARCHAR2(400)	Stored query segment
QUERY_PARAMETER5	NULL	VARCHAR2(400)	Stored query segment
QUERY_PARAMETER6	NULL	VARCHAR2(400)	Stored query segment
QUERY_PARAMETER7	NULL	VARCHAR2(400)	Stored query segment
QUERY_PARAMETER8	NULL	VARCHAR2(400)	Stored query segment
QUERY_PARAMETER9	NULL	VARCHAR2(400)	Stored query segment
QUERY_PARAMETER10	NULL	VARCHAR2(400)	Stored query segment
QUERY_PARAMETER11	NULL	VARCHAR2(400)	Stored query segment
QUERY_PARAMETER12	NULL	VARCHAR2(400)	Stored query segment
QUERY_PARAMETER13	NULL	VARCHAR2(400)	Stored query segment
QUERY_PARAMETER14	NULL	VARCHAR2(400)	Stored query segment
QUERY_PARAMETER15	NULL	VARCHAR2(400)	Stored query segment
QUERY_PARAMETER16	NULL	VARCHAR2(400)	Stored query segment
QUERY_PARAMETER17	NULL	VARCHAR2(400)	Stored query segment
QUERY_PARAMETER18	NULL	VARCHAR2(400)	Stored query segment
QUERY_PARAMETER19	NULL	VARCHAR2(400)	Stored query segment
QUERY_PARAMETER20	NULL	VARCHAR2(400)	Stored query segment
QUERY_PARAMETER21	NULL	VARCHAR2(400)	Stored query segment
QUERY_PARAMETER22	NULL	VARCHAR2(400)	Stored query segment
QUERY_PARAMETER23	NULL	VARCHAR2(400)	Stored query segment
QUERY_PARAMETER24	NULL	VARCHAR2(400)	Stored query segment
QUERY_PARAMETER25	NULL	VARCHAR2(400)	Stored query segment

Column Name	Null?	Data Type	Description
QUERY_PARAMETER26	NULL	VARCHAR2 (400)	Stored query segment
QUERY_PARAMETER27	NULL	VARCHAR2 (400)	Stored query segment
QUERY_PARAMETER28	NULL	VARCHAR2 (400)	Stored query segment
QUERY_PARAMETER29	NULL	VARCHAR2 (400)	Stored query segment
QUERY_PARAMETER30	NULL	VARCHAR2 (400)	Stored query segment
QUERY_PARAMETER31	NULL	VARCHAR2 (400)	Stored query segment
QUERY_PARAMETER32	NULL	VARCHAR2 (400)	Stored query segment
QUERY_PARAMETER33	NULL	VARCHAR2 (400)	Stored query segment
QUERY_PARAMETER34	NULL	VARCHAR2 (400)	Stored query segment
QUERY_PARAMETER35	NULL	VARCHAR2 (400)	Stored query segment
QUERY_PARAMETER36	NULL	VARCHAR2 (400)	Stored query segment
QUERY_PARAMETER37	NULL	VARCHAR2 (400)	Stored query segment
QUERY_PARAMETER38	NULL	VARCHAR2 (400)	Stored query segment
QUERY_PARAMETER39	NULL	VARCHAR2 (400)	Stored query segment
QUERY_PARAMETER40	NULL	VARCHAR2 (400)	Stored query segment
QUERY_PARAMETER41	NULL	VARCHAR2 (400)	Stored query segment
QUERY_PARAMETER42	NULL	VARCHAR2 (400)	Stored query segment
QUERY_PARAMETER43	NULL	VARCHAR2 (400)	Stored query segment
QUERY_PARAMETER44	NULL	VARCHAR2 (400)	Stored query segment
QUERY_PARAMETER45	NULL	VARCHAR2 (400)	Stored query segment
QUERY_PARAMETER46	NULL	VARCHAR2 (400)	Stored query segment
QUERY_PARAMETER47	NULL	VARCHAR2 (400)	Stored query segment
QUERY_PARAMETER48	NULL	VARCHAR2 (400)	Stored query segment
QUERY_PARAMETER49	NULL	VARCHAR2 (400)	Stored query segment
QUERY_PARAMETER50	NULL	VARCHAR2 (400)	Stored query segment

*Indexes*

Index Name	Index Type	Sequence	Column Name
KNTA_STORED_QUERIES_U1	UNIQUE	1	QUERY_ID
KNTA_STORED_QUERIES_U2	UNIQUE	1	USER_ID
KNTA_STORED_QUERIES_U2	UNIQUE	2	WORKBENCH_CODE
KNTA_STORED_QUERIES_U2	UNIQUE	3	QUERY_NAME

*Sequences*

Sequence Name	Column Name
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_PARAMETER_SET_FIELDS	PARAMETER_SET_FIELD_ID	MAX_PARAMETER_SET_FIELD_ID
KNTA_STORED_QUERIES	QUERY_ID	QUERY_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_VALIDATIONS	VALIDATION_ID	VALIDATION_ID

### Column Descriptions

Column Name	Null?	Data Type	Description
QUERY_DETAIL_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user 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.
MAX_PARAMETER_SET_FIELD_ID	NOT NULL	NUMBER	Identifier for the knta_parameter_set_fields that this record will query.
PROMPT	NOT NULL	VARCHAR2(80)	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(40)	This is the token field that this record represents.
PARAMETER_SET_ID	NOT NULL	NUMBER	Identifier for the knta_parameter_sets, indicates the type of parameter this record represents.
CONDITION_CODE	NOT NULL	VARCHAR2(30)	Lookup code for the lookup type IS_QUERY_CONDITIONS.
VISIBLE_VALUE	NULL	VARCHAR2(2000)	This field represents the value that the user sees. For a workflow field they'll see the workflow name
HIDDEN_VALUE	NULL	VARCHAR2(2000)	This field represents the value that represents an identifier of the specified field. For a workflow field this column should contain the workflow id.
MULTI_LIST_FLAG	NOT NULL	VARCHAR2(1)	Indicates that this field is a multi list autocomplete field.
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Indicates that the current record is included in the construction of an advance query.
CONVERTED_COMPONENT_TYPE_CODE	NOT NULL	VARCHAR2(30)	Lookup code for the lookup type COMPONENT_TYPE, this is a converted component_type.

*Indexes*

Index Name	Index Type	Sequence	Column Name
KNTA_STORED_QUERY_DETAILS_N1	NOT UNIQUE	1	QUERY_ID
KNTA_STORED_QUERY_DETAILS_U1	UNIQUE	1	QUERY_DETAIL_ID

*Sequences*

Sequence Name	Column Name
KNTA_STORED_QUERY_DETAILS_S	QUERY_DETAIL_ID

# KNTA\_USERS

KNTA\_USERS stores the definition for each of the users who have access to Kintana. □

## Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KACC_ACCELERATORS	ACCELERATOR_ID	DEFAULT_ACCELERATOR_ID
KDRV_CALENDARS	CALENDAR_ID	CALENDAR_ID
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	USER_DATA_SET_CONTEXT_ID
KNTA_REGIONS	REGION_ID	REGION_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

## 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(200)	The username that will be used to log on
PASSWORD	NULL	VARCHAR2(200)	(ENCRYPTED) The password for the user
PASSWORD_EXPIRATION_DAYS	NULL	NUMBER	Number of days in which current password expires
PASSWORD_EXPIRATION_DATE	NULL	DATE	The effective date when the password for user id will expire
EMAIL_ADDRESS	NULL	VARCHAR2(80)	The E-Mail address of the user
FIRST_NAME	NOT NULL	VARCHAR2(30)	The user's first name
LAST_NAME	NOT NULL	VARCHAR2(30)	The user's last name
START_DATE	NULL	DATE	The start date for the user
END_DATE	NULL	DATE	The end date for the user
DEFAULT_ACCELERATOR_ID	NULL	NUMBER	Default accelerator associated with the user
USER_DATA_SET_CONTEXT_ID	NULL	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA1	NULL	VARCHAR2(200)	User data segment
USER_DATA2	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA2	NULL	VARCHAR2(200)	User data segment
USER_DATA3	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA3	NULL	VARCHAR2(200)	User data segment
USER_DATA4	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA4	NULL	VARCHAR2(200)	User data segment
USER_DATA5	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA5	NULL	VARCHAR2(200)	User data segment
USER_DATA6	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA6	NULL	VARCHAR2(200)	User data segment
USER_DATA7	NULL	VARCHAR2(200)	User data segment

Column Name	Null?	Data Type	Description
VISIBLE_USER_DATA7	NULL	VARCHAR2 (200)	User data segment
USER_DATA8	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA8	NULL	VARCHAR2 (200)	User data segment
USER_DATA9	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA9	NULL	VARCHAR2 (200)	User data segment
USER_DATA10	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA10	NULL	VARCHAR2 (200)	User data segment
USER_DATA11	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA11	NULL	VARCHAR2 (200)	User data segment
USER_DATA12	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA12	NULL	VARCHAR2 (200)	User data segment
USER_DATA13	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA13	NULL	VARCHAR2 (200)	User data segment
USER_DATA14	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA14	NULL	VARCHAR2 (200)	User data segment
USER_DATA15	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA15	NULL	VARCHAR2 (200)	User data segment
USER_DATA16	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA16	NULL	VARCHAR2 (200)	User data segment
USER_DATA17	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA17	NULL	VARCHAR2 (200)	User data segment
USER_DATA18	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA18	NULL	VARCHAR2 (200)	User data segment
USER_DATA19	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA19	NULL	VARCHAR2 (200)	User data segment
USER_DATA20	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA20	NULL	VARCHAR2 (200)	User data segment
AUTHENTICATION_MODE	NULL	VARCHAR2 (30)	The authentication mode (Kintana or LDAP) for the user
SOURCE_TYPE_CODE	NULL	VARCHAR2 (30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULL	VARCHAR2 (100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update
COMPANY	NULL	VARCHAR2 (30)	This is used to associate a user with a company
LOGON_IDENTIFIER	NOT NULL	VARCHAR2 (200)	The logon ID of the user. Used when Kintana is started in LOGON_ID mode.
DOMAIN	NULL	VARCHAR2 (80)	WINDOWS domain to use when logging in. Used for NTLM Authentication Mode.
PHONE_NUMBER	NULL	VARCHAR2 (30)	This is used to associate a user with a phone number
DEPARTMENT_CODE	NULL	VARCHAR2 (30)	This is used to associate a user with a department by means of a unique department identifier
LOCATION_CODE	NULL	VARCHAR2 (30)	This is used to associate a user with a location by means of a unique location identifier
MANAGER_USER_ID	NULL	NUMBER	This is used to associate a user with a manager by means of a unique manager identifier
RESOURCE_CATEGORY_CODE	NULL	VARCHAR2 (30)	This is used to associate a user



Column Name	Null?	Data Type	Description
PRIMARY_RESOURCE_SKILL_ID	NULL	NUMBER	with a resource category by means of a unique resource category identifier This is used to associate a user with a primary skill by means of a unique primary skill identifier
COST_RATE	NULL	NUMBER	This is used to associate a user with a cost rate
WORKLOAD_CAPACITY	NULL	NUMBER	This is used to associate a user with a workload capacity
RESOURCE_TITLE_CODE	NULL	VARCHAR2(30)	This is used to associate a user with a department by means of a unique department identifier
FULL_NAME	NULL	VARCHAR2(80)	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(1)	This is Y if the user has a specific region directly set to override inheritance

#### Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_USERS_FI1	NOT UNIQUE	1	SYS_NC00077\$
KNTA_USERS_FI2	NOT UNIQUE	1	SYS_NC00078\$
KNTA_USERS_FI3	NOT UNIQUE	1	SYS_NC00079\$
KNTA_USERS_N1	NOT UNIQUE	1	FIRST_NAME
KNTA_USERS_N2	NOT UNIQUE	1	LAST_NAME
KNTA_USERS_N3	NOT UNIQUE	1	MANAGER_USER_ID
KNTA_USERS_N4	NOT UNIQUE	1	PRIMARY_RESOURCE_SKILL_ID
KNTA_USERS_N5	NOT UNIQUE	1	FULL_NAME
KNTA_USERS_N6	NOT UNIQUE	1	DEPARTMENT_CODE
KNTA_USERS_N7	NOT UNIQUE	1	CALENDAR_ID
KNTA_USERS_N9	NOT UNIQUE	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	Column Name
KNTA_USERS_S	USER_ID

## KNTA\_USERS\_INT

Open Interface Table for the import of Kintana 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 Kintana User Interface Report.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KACC_ACCELERATORS	ACCELERATOR_ID	DEFAULT_ACCELERATOR_ID
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	USER_DATA_SET_CONTEXT_ID
KNTA_SCREENINGS	SCREEN_ID	SCREEN_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	DEST_CREATED_BY
KNTA_USERS	USER_ID	USER_ID
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

### Column Descriptions

Column Name	Null?	Data Type	Description
TRANSACTION_ID	NULL	NUMBER	System-generated identifier
GROUP_ID	NULL	NUMBER	A value from KNTA_INTERFACE_GROUPS_S . Is used to group together all records to be processed together.
EXISTS_FLAG	NULL	VARCHAR2(1)	Used to indicate if the user already exists in the system
PROCESS_PHASE	NULL	NUMBER	Indicates the current stage of the record as it is being processed
PROCESS_STATUS	NULL	NUMBER	Indicates the current disposition of the record.
CREATED_BY	NULL	NUMBER	Identifier for the user that created the record. The value should initially be set to 1.
CREATED_BY_USERNAME	NULL	VARCHAR2(200)	User that created the record in the source
CREATION_DATE	NULL	DATE	Date record was created
DEST_CREATED_BY	NULL	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	NULL	DATE	The date that the transaction is performed.
DEST_LAST_UPDATED_BY	NULL	NUMBER	Identifier for the user that last updated the record.
DEST_LAST_UPDATE_DATE	NULL	DATE	The date that the transaction is performed.
DEST_ENTITY_UPD_DATE	NULL	DATE	The date that the transaction is performed.
USER_ID	NULL	NUMBER	Unique identifier for the user.
DEST_USER_ID	NULL	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

Column Name	Null?	Data Type	Description
USERNAME	NULL	VARCHAR2(200)	Name of the user in the source.
DEST_USERNAME	NULL	VARCHAR2(200)	The username that will be used to Logon
PASSWORD	NULL	VARCHAR2(200)	The password for the user (will be defaulted from the report)
PASSWORD_EXPIRATION_DAYS	NULL	NUMBER	Number of days in which current password expires
PASSWORD_EXPIRATION_DATE	NULL	DATE	The effective date when the password for user id will expire
EMAIL_ADDRESS	NULL	VARCHAR2(80)	The E-Mail address of the user
FIRST_NAME	NULL	VARCHAR2(30)	The user's first name
LAST_NAME	NULL	VARCHAR2(30)	The user's last name
START_DATE	NULL	DATE	The start date for the user
END_DATE	NULL	DATE	The end date for the user
DEFAULT_ACCELERATOR_ID	NULL	NUMBER	Default accelerator ID of the user
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update
USER_DATA_SET_CONTEXT_ID	NULL	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA1	NULL	VARCHAR2(200)	User data segment
USER_DATA2	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA2	NULL	VARCHAR2(200)	User data segment
USER_DATA3	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA3	NULL	VARCHAR2(200)	User data segment
USER_DATA4	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA4	NULL	VARCHAR2(200)	User data segment
USER_DATA5	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA5	NULL	VARCHAR2(200)	User data segment
USER_DATA6	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA6	NULL	VARCHAR2(200)	User data segment
USER_DATA7	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA7	NULL	VARCHAR2(200)	User data segment
USER_DATA8	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA8	NULL	VARCHAR2(200)	User data segment
USER_DATA9	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA9	NULL	VARCHAR2(200)	User data segment
USER_DATA10	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA10	NULL	VARCHAR2(200)	User data segment
USER_DATA11	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA11	NULL	VARCHAR2(200)	User data segment
USER_DATA12	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA12	NULL	VARCHAR2(200)	User data segment
USER_DATA13	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA13	NULL	VARCHAR2(200)	User data segment
USER_DATA14	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA14	NULL	VARCHAR2(200)	User data segment
USER_DATA15	NULL	VARCHAR2(200)	User data segment

Column Name	Null?	Data Type	Description
VISIBLE_USER_DATA15	NULL	VARCHAR2(200)	User data segment
USER_DATA16	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA16	NULL	VARCHAR2(200)	User data segment
USER_DATA17	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA17	NULL	VARCHAR2(200)	User data segment
USER_DATA18	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA18	NULL	VARCHAR2(200)	User data segment
USER_DATA19	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA19	NULL	VARCHAR2(200)	User data segment
USER_DATA20	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA20	NULL	VARCHAR2(200)	User data segment
AUTHENTICATION_MODE	NULL	VARCHAR2(30)	Authentication Mode of the user. If user being imported from LDAP server, then will be automatically set to LDAP otherwise will be set to KINTANA
SCREEN_ID	NULL	NUMBER	Optional. Will be given a default value. Determines which screen is shown when the user logs on first
SHORTCUT_BAR_FLAG	NULL	VARCHAR2(1)	Optional. Will be given a default value. Determines whether or not the shortcut bar is shown in the screen manager
SHORTCUT_BAR_LOC_CODE	NULL	VARCHAR2(4)	Optional. Will be given a default value. Determines the position within the screen manager where the shortcut bar is displayed
SAVE_WINDOW_BOUNDS_FLAG	NULL	VARCHAR2(1)	Optional. Will be given a default value. Determines whether the size and location of the screen manager window are saved each time the user logs off; if saved, the settings are the default when the user next logs on
WINDOW_HEIGHT	NULL	NUMBER	Optional. Will be given a default value. Determines the default height of the screen manager window
WINDOW_WIDTH	NULL	NUMBER	Optional. Will be given a default value. Determines the default width of the screen manager window
WINDOW_X_LOCATION	NULL	NUMBER	Optional. Will be given a default value. Determines the horizontal position of the screen manager window
WINDOW_Y_LOCATION	NULL	NUMBER	Optional. Will be given a default value. Determines the vertical position of the screen manager window
REUSE_INTERNAL_FRAME_FLAG	NULL	VARCHAR2(1)	Optional. Will be given a default value. Determines whether multiple internal frames can be opened within each screen
SHOW_ALL_WORKFLOW_STEPS_FLAG	NULL	VARCHAR2(1)	Optional. Will be given a default value. Determines whether all workflow steps are shown within workflow status panels
SHOW_TRAVERSED_STEPS_FLAG	NULL	VARCHAR2(1)	Optional. Will be given a default value. Determines whether steps that have been traversed and are no longer active are shown within workflow status panels
NUM_BRANCH_STEPS_TO_SHOW	NULL	NUMBER	Optional. Will be given a default value. Determines how many steps of

Column Name	Null?	Data Type	Description
NUM_KNOWN_REACH_STEPS_TO_SHOW	NULL	NUMBER	each branch are shown within workflow status panels, if a currently active workflow step leads to several branches 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	NULL	VARCHAR2(1)	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	NULL	VARCHAR2(1)	Optional. Will be given a default value. Determines whether warning messages are displayed when you update a business entity that is used by another entity (for example, when you update a workflow that is used by a change request line)
HIDE_CANCELLED_CRL_FLAG	NULL	VARCHAR2(1)	Optional. Will be given a default value. Determines whether cancelled package lines are displayed in the Packages screen.
DEFAULT_BROWSER	NULL	VARCHAR2(300)	Default browser associated with the user
DEST_USER_PROFILE_ID	NULL	NUMBER	Should be left blank. Will be derived from KNTA_USER_PROFILES_S
COMPANY	NULL	VARCHAR2(30)	This is used to associate a user with a company
LOGON_IDENTIFIER	NULL	VARCHAR2(200)	The logon ID of the user. Used when Kintana is started in LOGON_ID mode.
DOMAIN	NULL	VARCHAR2(80)	WINDOWS domain to use when logging in. Used for NTLM Authentication Mode.
PHONE_NUMBER	NULL	VARCHAR2(30)	Contact number for the User.
COST_RATE	NULL	NUMBER	The dollar amount that this User costs the company per hour.
WORKLOAD_CAPACITY	NULL	NUMBER	The % of the workday the Resource can be scheduled for work within Kintana.
MAX_ROWS_PORTLETS	NULL	NUMBER	The default number or rows that this user should see in a Portlet.
DEPARTMENT_CODE	NULL	VARCHAR2(30)	Lookup code for 'DEPT'
DEPARTMENT_MEANING	NULL	VARCHAR2(80)	Lookup meaning for 'DEPT'
LOCATION_CODE	NULL	VARCHAR2(30)	Lookup code for 'RSC - Location'
LOCATION_MEANING	NULL	VARCHAR2(80)	Lookup meaning for 'RSC - Location'
MANAGER_USER_ID	NULL	NUMBER	Id of User who manages this User.
MANAGER_USERNAME	NULL	VARCHAR2(200)	Username corresponding to the manager.
MANAGER_LOGON_IDENTIFIER	NULL	VARCHAR2(200)	Logon Identifier (as defined in the KNTA_USERS table) corresponding to the manager.
RESOURCE_CATEGORY_CODE	NULL	VARCHAR2(30)	Lookup code for 'RSC - Resource Category'
RESOURCE_CATEGORY_MEANING	NULL	VARCHAR2(80)	Lookup meaning for 'RSC - Resource Category'
RESOURCE_TITLE_CODE	NULL	VARCHAR2(30)	Lookup code for 'RSC - Resource Title'
RESOURCE_TITLE_MEANING	NULL	VARCHAR2(80)	Lookup code for 'RSC - Resource Category'
PRODUCT_ID_LIST	NULL	VARCHAR2(200)	

*Indexes*

Index Name	Index Type	Sequence	Column Name
KNTA_USERS_INT_N1	NOT UNIQUE	1	GROUP_ID
KNTA_USERS_INT_N1	NOT UNIQUE	2	USERNAME
KNTA_USERS_INT_N2	NOT UNIQUE	1	GROUP_ID
KNTA_USERS_INT_N2	NOT UNIQUE	2	LOGON_IDENTIFIER
KNTA_USERS_INT_N3	NOT UNIQUE	1	GROUP_ID
KNTA_USERS_INT_N3	NOT UNIQUE	2	DEST_USER_ID
KNTA_USERS_INT_N4	NOT UNIQUE	1	GROUP_ID
KNTA_USERS_INT_N4	NOT UNIQUE	2	DEST_USERNAME
KNTA_USERS_INT_U1	NOT UNIQUE	1	TRANSACTION_ID

*Sequences*

This table does not use any sequences.

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## KNTA\_USER\_MENU\_STATES

This table stores data about the menu states for a given user for the Kintana Interface.

### Foreign Keys

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

### Column Descriptions

Column Name	Null?	Data Type	Description
SEQ	NOT NULL	NUMBER	System-generated identifier
USER_ID	NOT NULL	NUMBER	User that is associated with this particular menu state
STATE	NOT NULL	VARCHAR2(300)	Actual menu state data

### Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_USER_MENU_STATES_N1	NOT UNIQUE	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
KDSH_MODULES	MODULE_ID	PARENT_ID
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

### 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(40)	Parent type can be ROLE_ID or USER_ID. Role Id is currently used for internal purpose only.
PARENT_ID	NOT NULL	NUMBER	If the type is USER_ID then the user's actual id. If the type is ROLE_ID then the role id.
PAGE_ID	NOT NULL	NUMBER	This is the page on the dashboard. Currently only two are supported, home and project detail.
TAB_SEQ	NOT NULL	NUMBER	The sequence of the tab on the home page.
TAB_NAME	NOT NULL	VARCHAR2(80)	Name of the tab.
DESCRIPTION	NULL	VARCHAR2(240)	Tab description. Currently unused.
MODULE_ID	NULL	NUMBER	If the module was published, this column points back to the module from which this page was generated.
DASHBOARD_UPDATE_FLAG	NOT NULL	VARCHAR2(1)	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	NOT UNIQUE	1	PARENT_ID
KNTA_USER_PAGE_TABS_N1	NOT UNIQUE	2	PARENT_TYPE_CODE
KNTA_USER_PAGE_TABS_N1	NOT UNIQUE	3	PAGE_ID
KNTA_USER_PAGE_TABS_N2	NOT UNIQUE	1	MODULE_ID
KNTA_USER_PAGE_TABS_U1	UNIQUE	1	USER_PAGE_TAB_ID



*Sequences*

Sequence Name

Column Name

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KNTA\_USER\_PAGE\_TABS\_S

---

USER\_PAGE\_TAB\_ID

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## 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
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.

### Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_USER_PRODUCTS_N1	NOT UNIQUE	1	PRODUCT_ID
KNTA_USER_PRODUCTS_N1	NOT UNIQUE	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	Column Name
KNTA_USER_PRODUCTS_S	USER_PRODUCT_ID

## KNTA\_USER\_PROFILES

The KNTA\_USER\_PROFILES table stores profile settings for each Kintana 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_SCREENINGS	SCREEN_ID	SCREEN_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	USER_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY

### Column Descriptions

Column Name	Null?	Data Type	Description
USER_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 Kintana user associated with these profile settings
SCREEN_ID	NOT NULL	NUMBER	Determines which screen is shown first when the user logs on
SHORTCUT_BAR_FLAG	NOT NULL	VARCHAR2(1)	Determines whether or not the shortcut bar is shown in the screen manager
SHORTCUT_BAR_LOC_CODE	NOT NULL	VARCHAR2(4)	Determines the position within the screen manager where the shortcut bar is displayed
SAVE_WINDOW_BOUNDS_FLAG	NOT NULL	VARCHAR2(1)	Determines whether the size and location of the screen manager window are saved each time the user logs off; if saved, the settings are the default when the user next logs on
WINDOW_HEIGHT	NOT NULL	NUMBER	Determines the default height of the screen manager window
WINDOW_WIDTH	NOT NULL	NUMBER	Determines the default width of the screen manager window
WINDOW_X_LOCATION	NOT NULL	NUMBER	Determines the horizontal position of the screen manager window
WINDOW_Y_LOCATION	NOT NULL	NUMBER	Determines the vertical position of the screen manager window
REUSE_INTERNAL_FRAME_FLAG	NOT NULL	VARCHAR2(1)	Determines whether multiple internal frames can be opened within each screen
SHOW_ALL_WORKFLOW_STEPS_FLAG	NOT NULL	VARCHAR2(1)	Determines whether all workflow steps are shown within workflow status panels
SHOW_TRAVERSED_STEPS_FLAG	NOT NULL	VARCHAR2(1)	Determines whether steps that have been traversed and are no longer active are shown within workflow status panels
HIDE_IMMEDIATE_STEPS_FLAG	NOT NULL	VARCHAR2(1)	Determines whether or not workflow

Column Name	Null?	Data Type	Description
SHOW_CHANGE_WARNINGS_FLAG	NOT NULL	VARCHAR2(1)	steps based upon immediate executions and conditions are shown within workflow status panels 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(1)	Determines whether cancelled package lines are displayed in the Packages screen.
DEFAULT_BROWSER	NULL	VARCHAR2(300)	Field to store file and path of default browser. May also contain special command line parameters for browser.
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.
MAX_ROWS_PORTLETS	NOT NULL	NUMBER	Maximum number of results to be displayed on the maximized portlet.
CURRENCY_DISPLAY_CODE	NOT NULL	VARCHAR2(40)	Controls whether currency display is in local or base in portlets.

#### Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_USER_PROFILES_U1	UNIQUE	1	USER_PROFILE_ID
KNTA_USER_PROFILES_U2	UNIQUE	1	USER_ID

#### Sequences

Sequence Name	Column Name
KNTA_USER_PROFILES_S	USER_PROFILE_ID

## KNTA\_USER\_REGIONAL\_SETTINGS

The KNTA\_USER\_REGIONAL\_SETTINGS table stores regional settings for each Kintana 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	USER_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

### 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 Kintana user associated with these regional settings
DEFAULT_SETTING_FLAG	NOT NULL	VARCHAR2(1)	Determines whether the user has his default settings checked.
SHORT_DATE_FORMAT_CODE	NULL	VARCHAR2(50)	Determines the user's short date pattern preference.
MEDIUM_DATE_FORMAT_CODE	NULL	VARCHAR2(50)	Determines the user's medium date pattern preference.
LONG_DATE_FORMAT_CODE	NULL	VARCHAR2(50)	Determines the user's long date pattern preference.
DATE_SEPARATOR_CODE	NULL	VARCHAR2(10)	Determines the user's date separator preference.
HOUR_STYLE_FORMAT_CODE	NULL	VARCHAR2(50)	Determines the user's hour style preference.
AM_SYMBOL	NULL	VARCHAR2(10)	Determines the user's am symbol preference.
PM_SYMBOL	NULL	VARCHAR2(10)	Determines the user's pm symbol preference.
TIME_SEPARATOR	NULL	VARCHAR2(10)	Determines the user's time separator preference.
DECIMAL_SYMBOL	NULL	VARCHAR2(10)	Determines the user's decimal symbol preference.
NUM_DIGITS_IN_GROUP	NULL	NUMBER	Determines the user's number of digits in a group preference.
DIGIT_GROUP_SYMBOL	NULL	VARCHAR2(10)	Determines the user's Digit Group Symbol.
PERCENTAGE_SYMBOL	NULL	VARCHAR2(10)	Determines the user's Percent Symbol.
LANGUAGE_FORMAT_CODE	NULL	VARCHAR2(10)	Determines the user's ISO language code used to format dates/time and numbers.
REGION_FORMAT_CODE	NULL	VARCHAR2(10)	Determines the user's ISO Region code used to format dates/time and

Column Name	Null?	Data Type	Description
LANGUAGE_CODE	NULL	VARCHAR2(10)	Indicates the user's ISO Language code that is used as the language of display.
REGION_CODE	NULL	VARCHAR2(10)	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	Column Name
KNTA_USER_REGIONAL_SETTINGS_S	USER_REGIONAL_SETTINGS_ID

---

## KNTA\_USER\_SECTION\_STATES

Enter a description for KNTA\_USER\_SECTION\_STATES here, and verify the Temp Table Flag is correct.

### 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
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	
PAGE_NAME	NOT NULL	VARCHAR2(30)	
PARENT_PRIMARY_KEY	NULL	NUMBER	
SECTION_NAME	NOT NULL	VARCHAR2(200)	
EXPANDED_FLAG	NOT NULL	VARCHAR2(1)	

### 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	Column Name
KNTA_USER_SECTION_STATES_S	USER_SECTION_STATE_ID

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## 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
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.

### Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_USER_SECURITY_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	Column Name
KNTA_USER_SECURITY_S	USER_SECURITY_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_SECURITY_GROUPS	SECURITY_GROUP_ID	SECURITY_GROUP_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	DEST_CREATED_BY
KNTA_USERS	USER_ID	DEST_USER_ID
KNTA_USERS	USER_ID	USER_ID
KNTA_USERS	USER_ID	DEST_LAST_UPDATED_BY
KNTA_USERS_INT	TRANSACTION_ID	PARENT_TRANSACTION_ID
KNTA_USER_SECURITY	USER_SECURITY_ID	DEST_USER_SECURITY_ID
KNTA_USER_SECURITY	USER_SECURITY_ID	USER_SECURITY_ID

## Column Descriptions

Column Name	Null?	Data Type	Description
TRANSACTION_ID	NULL	NUMBER	System-generated identifier
PARENT_TRANSACTION_ID	NULL	NUMBER	The transaction id of the parent table being imported.
PARENT_TABLE_NAME	NULL	VARCHAR2(30)	Which table was this entity imported with
GROUP_ID	NULL	NUMBER	A value from KNTA_INTERFACE_GROUPS_S . Is used to group together all records to be processed together.
EXISTS_FLAG	NULL	VARCHAR2(1)	Used to indicate if the security group exists for the user
PROCESS_PHASE	NULL	NUMBER	Indicates the current stage of the record as it is being processed
PROCESS_STATUS	NULL	NUMBER	Indicates the current disposition of the record. The value should initially be set to 1
CREATED_BY	NULL	NUMBER	Identifier for the user that created the record in the source
CREATED_BY_USERNAME	NULL	VARCHAR2(200)	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	NULL	DATE	Date record was created
DEST_CREATED_BY	NULL	NUMBER	Identifier for the user that created the record in the destination
DEST_CREATION_DATE	NULL	DATE	The date the record is created in the destination.
DEST_LAST_UPDATED_BY	NULL	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	NULL	DATE	The date that the transaction is performed.
DEST_ENTITY_UPD_DATE	NULL	DATE	The date that the transaction is performed.
USER_SECURITY_ID	NULL	NUMBER	Internal identifier for a user security. This should normally be left blank and will be defaulted from KNTA_USER_SECURITY_S. If a

Column Name	Null?	Data Type	Description
DEST_USER_SECURITY_ID	NULL	NUMBER	value is entered, it should be derived from KNTA_USER_SECURITY_S sequence. Internal identifier for a user security. This should normally be left blank and will be defaulted from KNTA_USER_SECURITY_S. If a value is entered, it should be derived from KNTA_USER_SECURITY_S sequence.
USER_ID	NULL	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	NULL	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	NULL	NUMBER	Identifier of the security group the user is linked to
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.
LOGON_IDENTIFIER	NULL	VARCHAR2(200)	The logon ID of the user. Used when Kintana is started in LOGON_ID mode.
USERNAME	NULL	VARCHAR2(200)	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	NULL	VARCHAR2(40)	The Security Group Name that the user is going to associate with. The security group could not be existed in your Kintana system yet.
USER_SECURITY_ACTION	NULL	VARCHAR2(30)	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	NOT UNIQUE	1	GROUP_ID
KNTA_USER_SECURITY_INT_N1	NOT UNIQUE	2	USERNAME
KNTA_USER_SECURITY_INT_N2	NOT UNIQUE	1	GROUP_ID
KNTA_USER_SECURITY_INT_N2	NOT UNIQUE	2	LOGON_IDENTIFIER
KNTA_USER_SECURITY_INT_N3	NOT UNIQUE	1	GROUP_ID
KNTA_USER_SECURITY_INT_N3	NOT UNIQUE	2	DEST_USER_ID
KNTA_USER_SECURITY_INT_U1	NOT UNIQUE	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 Kintana 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(200)	Identifier of the Resource the user was trying to access
TIME_TO_LOAD	NOT NULL	NUMBER	Determines the loading time for the Resource to be rendered.
ACCESS_DATE	NOT NULL	DATE	Determines the Date of access for the resource.
ERROR	NULL	VARCHAR2(2000)	Determines if there were any errors in rendering a resource.
APP_SERVER	NULL	VARCHAR2(80)	Indicates the Kintana Server Name.
BROWSER	NULL	VARCHAR2(80)	Indicated the Browser and Version.

### Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_USER_SESSIONS_N1	NOT UNIQUE	1	CREATED_BY
KNTA_USER_SESSIONS_U1	UNIQUE	1	USER_SESSION_ID

### Sequences

Sequence Name	Column Name
KNTA_USER_SESSIONS_S	USER_SESSION_ID

# KNTA\_VALIDATIONS

KNTA\_VALIDATIONS stores all of the information about Kintana 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_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
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(80)	User primary key. The name of the validation.
DESCRIPTION	NULL	VARCHAR2(240)	Details about the validation.
COMPONENT_TYPE_CODE	NOT NULL	VARCHAR2(30)	Type of component. Examples include drop down lists, autocompletes, text fields, yes/no boxes, etc.
VALIDATION_TYPE_CODE	NULL	VARCHAR2(30)	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	NULL	NUMBER	Maximum number of characters allowed in the validation component. Useful for text fields and autocompletes.
DATA_MASK_CODE	NOT NULL	VARCHAR2(30)	The type of text allowed in the component. Options include ALPHA or NUMERIC.
DATA_DELIMITER	NULL	VARCHAR2(30)	For command-based validations, this is the delimiter used to separate columns of data returned by the execution engine.
DECIMAL_PLACES	NULL	NUMBER	The number of decimal places for a floating point validation.
DATE_FORMAT	NULL	VARCHAR2(30)	If using a date component, specifies the format of the date displayed in the text field.
TIME_FORMAT	NULL	VARCHAR2(30)	If displaying time in a date component, specifies the format of the time displayed in the text field.
LOOKUP_TYPE	NULL	VARCHAR2(80)	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	NULL	VARCHAR2(4000)	The SQL statement for SQL-validated

Column Name	Null?	Data Type	Description
BASE_FILE_NAME_FLAG	NOT NULL	VARCHAR2(1)	lists. 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	NULL	VARCHAR2(30)	The code used to determine the environment overriding behavior for the given validation.
ALT_ENV_ID	NULL	NUMBER	The ID of the overriding environment when static overriding is used.
ALT_ENV_TOKEN	NULL	VARCHAR2(200)	The token of the overriding environment when token-based overriding is used.
ALT_SVR_PATH	NULL	VARCHAR2(200)	The overriding server basepath.
ALT_CLI_PATH	NULL	VARCHAR2(200)	The overriding client basepath.
ORIGINAL_USE_IN_WORKFLOW_FLAG	NULL	VARCHAR2(1)	The original value of the USE_IN_WORKFLOW column that was seeded upon product install.
USE_IN_WORKFLOW_FLAG	NOT NULL	VARCHAR2(1)	Specifies if the validation is an available validation when adding new workflow steps. 'Y' or 'N'.
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether the validation can be used.
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.).
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.
USER_DATA_SET_CONTEXT_ID	NULL	NUMBER	Parameter set context identifier for the user data fields.
USER_DATA1	NULL	VARCHAR2(200)	User data segment.
VISIBLE_USER_DATA1	NULL	VARCHAR2(200)	User data segment.
USER_DATA2	NULL	VARCHAR2(200)	User data segment.
VISIBLE_USER_DATA2	NULL	VARCHAR2(200)	User data segment.
USER_DATA3	NULL	VARCHAR2(200)	User data segment.
VISIBLE_USER_DATA3	NULL	VARCHAR2(200)	User data segment.
USER_DATA4	NULL	VARCHAR2(200)	User data segment.
VISIBLE_USER_DATA4	NULL	VARCHAR2(200)	User data segment.
USER_DATA5	NULL	VARCHAR2(200)	User data segment.
VISIBLE_USER_DATA5	NULL	VARCHAR2(200)	User data segment.
USER_DATA6	NULL	VARCHAR2(200)	User data segment.
VISIBLE_USER_DATA6	NULL	VARCHAR2(200)	User data segment.
USER_DATA7	NULL	VARCHAR2(200)	User data segment.
VISIBLE_USER_DATA7	NULL	VARCHAR2(200)	User data segment.
USER_DATA8	NULL	VARCHAR2(200)	User data segment.
VISIBLE_USER_DATA8	NULL	VARCHAR2(200)	User data segment.
USER_DATA9	NULL	VARCHAR2(200)	User data segment.
VISIBLE_USER_DATA9	NULL	VARCHAR2(200)	User data segment.
USER_DATA10	NULL	VARCHAR2(200)	User data segment.
VISIBLE_USER_DATA10	NULL	VARCHAR2(200)	User data segment.
USER_DATA11	NULL	VARCHAR2(200)	User data segment.

Column Name	Null?	Data Type	Description
VISIBLE_USER_DATA11	NULL	VARCHAR2 (200)	User data segment.
USER_DATA12	NULL	VARCHAR2 (200)	User data segment.
VISIBLE_USER_DATA12	NULL	VARCHAR2 (200)	User data segment.
USER_DATA13	NULL	VARCHAR2 (200)	User data segment.
VISIBLE_USER_DATA13	NULL	VARCHAR2 (200)	User data segment.
USER_DATA14	NULL	VARCHAR2 (200)	User data segment.
VISIBLE_USER_DATA14	NULL	VARCHAR2 (200)	User data segment.
USER_DATA15	NULL	VARCHAR2 (200)	User data segment.
VISIBLE_USER_DATA15	NULL	VARCHAR2 (200)	User data segment.
USER_DATA16	NULL	VARCHAR2 (200)	User data segment.
VISIBLE_USER_DATA16	NULL	VARCHAR2 (200)	User data segment.
USER_DATA17	NULL	VARCHAR2 (200)	User data segment.
VISIBLE_USER_DATA17	NULL	VARCHAR2 (200)	User data segment.
USER_DATA18	NULL	VARCHAR2 (200)	User data segment.
VISIBLE_USER_DATA18	NULL	VARCHAR2 (200)	User data segment.
USER_DATA19	NULL	VARCHAR2 (200)	User data segment.
VISIBLE_USER_DATA19	NULL	VARCHAR2 (200)	User data segment.
USER_DATA20	NULL	VARCHAR2 (200)	User data segment.
VISIBLE_USER_DATA20	NULL	VARCHAR2 (200)	User data segment.
USER_INSTRUCTIONS	NULL	VARCHAR2 (4000)	
USE_BIND_VARIABLES_FLAG	NOT NULL	VARCHAR2 (1)	
PARAMETER1	NULL	VARCHAR2 (200)	
VISIBLE_PARAMETER1	NULL	VARCHAR2 (200)	
PARAMETER2	NULL	VARCHAR2 (200)	
VISIBLE_PARAMETER2	NULL	VARCHAR2 (200)	
PARAMETER3	NULL	VARCHAR2 (200)	
VISIBLE_PARAMETER3	NULL	VARCHAR2 (200)	
PARAMETER4	NULL	VARCHAR2 (200)	
VISIBLE_PARAMETER4	NULL	VARCHAR2 (200)	
PARAMETER5	NULL	VARCHAR2 (200)	
VISIBLE_PARAMETER5	NULL	VARCHAR2 (200)	
PARAMETER6	NULL	VARCHAR2 (200)	
VISIBLE_PARAMETER6	NULL	VARCHAR2 (200)	
PARAMETER7	NULL	VARCHAR2 (200)	
VISIBLE_PARAMETER7	NULL	VARCHAR2 (200)	
PARAMETER8	NULL	VARCHAR2 (200)	
VISIBLE_PARAMETER8	NULL	VARCHAR2 (200)	
PARAMETER9	NULL	VARCHAR2 (200)	
VISIBLE_PARAMETER9	NULL	VARCHAR2 (200)	
PARAMETER10	NULL	VARCHAR2 (200)	
VISIBLE_PARAMETER10	NULL	VARCHAR2 (200)	
PARAMETER11	NULL	VARCHAR2 (200)	
VISIBLE_PARAMETER11	NULL	VARCHAR2 (200)	
PARAMETER12	NULL	VARCHAR2 (200)	
VISIBLE_PARAMETER12	NULL	VARCHAR2 (200)	
PARAMETER13	NULL	VARCHAR2 (200)	
VISIBLE_PARAMETER13	NULL	VARCHAR2 (200)	
PARAMETER14	NULL	VARCHAR2 (200)	
VISIBLE_PARAMETER14	NULL	VARCHAR2 (200)	
PARAMETER15	NULL	VARCHAR2 (200)	
VISIBLE_PARAMETER15	NULL	VARCHAR2 (200)	
PARAMETER16	NULL	VARCHAR2 (200)	

Column Name	Null?	Data Type	Description
VISIBLE_PARAMETER16	NULL	VARCHAR2 (200)	
PARAMETER17	NULL	VARCHAR2 (200)	
VISIBLE_PARAMETER17	NULL	VARCHAR2 (200)	
PARAMETER18	NULL	VARCHAR2 (200)	
VISIBLE_PARAMETER18	NULL	VARCHAR2 (200)	
PARAMETER19	NULL	VARCHAR2 (200)	
VISIBLE_PARAMETER19	NULL	VARCHAR2 (200)	
PARAMETER20	NULL	VARCHAR2 (200)	
VISIBLE_PARAMETER20	NULL	VARCHAR2 (200)	

*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	Column Name
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
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KRML_PARAMETER_SET_FLDS_COPY	PARAMETER_SET_FIELD_ID	PARAMETER_SET_FIELD_ID

### Column Descriptions

Column Name	Null?	Data Type	Description
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
SEQUENCE	NOT NULL	NUMBER	Indicates the order in which filters for a validation are to be applied
FILTER_TYPE_CODE	NOT NULL	VARCHAR2(30)	Specifies the type of this filter
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.).
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.

### Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_VALIDATION_FILTERS_U1	UNIQUE	1	VALIDATION_FILTER_ID
KNTA_VALIDATION_FILTERS_U2	UNIQUE	1	PARAMETER_SET_FIELD_ID

### Sequences

Sequence Name	Column Name
KNTA_VALIDATION_FILTERS_S	VALIDATION_FILTER_ID

## KNTA\_VALIDATION\_PROFILES

KNTA\_VALIDATION\_PROFILES links the static fields within the Kintana screens to a validation. This layer of indirection allows a end user or Kintana consultant to change the validation associated with a fixed component.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_SCREEN	SCREEN_ID	SCREEN_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_VALIDATIONS	VALIDATION_ID	VALIDATION_ID
KNTA_VALIDATIONS	VALIDATION_ID	ORIGINAL_VALIDATION_ID
KNTA_VALIDATIONS	VALIDATION_ID	ALL_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.
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(80)	The name of the component.
COMPONENT_PROMPT	NULL	VARCHAR2(80)	The prompt string for the component.
ORIGINAL_COMPONENT_PROMPT	NULL	VARCHAR2(80)	The original value of the column COMPONENT_PROMPT that was seeded on product install.
COMPONENT_TABLE_NAME	NOT NULL	VARCHAR2(30)	The table in which the data from the component is saved.
COMPONENT_COLUMN_NAME	NOT NULL	VARCHAR2(30)	The column in which the data from the component is saved.
COMPONENT_DATATYPE	NULL	VARCHAR2(30)	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	NULL	VARCHAR2(200)	Description for the validation profile.
AUDIT_ELIGIBLE_FLAG	NOT NULL	VARCHAR2(1)	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(1)	'Y' if transaction history saved when the value in the component changes.
NOTES_HISTORY_FLAG	NOT NULL	VARCHAR2(1)	'Y' if notes history is recorded

Column Name	Null?	Data Type	Description
PRODUCT_CODE	NULL	VARCHAR2(30)	when this component changes. The product of which the component is a part.
USER_MAINTAINABLE_FLAG	NOT NULL	VARCHAR2(1)	'Y' if the user can update the profile.
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether this field is enabled with the Kintana screen.
WORKBENCH_ONLY_FLAG	NOT NULL	VARCHAR2(1)	'Y' if this profile is only used by fields on the Workbenches.
ALL_VALIDATION_ID	NULL	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(1)	Indicates whether or not this field can be used as the context field for context-sensitive user data.
VISIBLE_COLUMN_NAME	NULL	VARCHAR2(30)	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	NOT UNIQUE	1	SCREEN_ID
KNTA_VALIDATION_PROFILES_U1	UNIQUE	1	VALIDATION_PROFILE_ID
KNTA_VALIDATION_PROFILES_U2	UNIQUE	1	COMPONENT_NAME

#### Sequences

Sequence Name	Column Name
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_USERS	USER_DATA_SET_CONTEXT_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	CREATED_BY
KNTA_VALIDATIONS	VALIDATION_ID	VALIDATION_ID

### Column Descriptions

Column Name	Null?	Data Type	Description
VALIDATION_SQL_HEADER_ID	NOT NULL	NUMBER	System-generated identifier.
CREATED_BY	NOT NULL	NUMBER	Identifier for the user 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(30)	The text header to show at the top of this column.
DISPLAYED_FLAG	NOT NULL	VARCHAR2(1)	Specifies whether the header should be displayed to the user ('Y' or 'N').
COLUMN_WIDTH	NULL	NUMBER	For command-based validations, the width of the column of data returned by the execution engine.
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.).
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.

### Indexes

Index Name	Index Type	Sequence	Column Name
KNTA_VALIDATION_SQL_HEADERS_U1	UNIQUE	1	VALIDATION_SQL_HEADER_ID

### Sequences

Sequence Name	Column Name
KNTA_VALIDATION_SQL_HEADERS_S	VALIDATION_SQL_HEADER_ID

---

## KNTA\_VERSION\_HISTORY

This table records all product upgrades run against this Kintana instance, starting with Kintana 3.0

### Foreign Keys

This table does not have any foreign keys.

### Column Descriptions

Column Name	Null?	Data Type	Description
VERSION_HISTORY_ID	NOT NULL	NUMBER	System-generated identifier
VERSION_NUMBER	NOT NULL	VARCHAR2(20)	Version number of Kintana in the form X.X.X.X (eg 3.0.0.38)
UPGRADE_DATE	NOT NULL	DATE	The date on which this Kintana instance was upgraded to version VERSION_NUMBER

### Indexes

This table does not have any indexes.

### Sequences

Sequence Name	Column Name
KNTA_VERSION_HISTORY_S	VERSION_HISTORY_ID

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## 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(1)	Keeps track of whether or not users use ROI. Default is Y.
NET_PRESENT_VALUE_FLAG	NOT NULL	VARCHAR2(1)	Keeps track of whether or not users use NPV. Default is N.
CUSTOM_FIELD_VALUE_FLAG	NOT NULL	VARCHAR2(1)	Keeps track of whether or not users need to use a custom financial metric. Default is N.
PROJECT_CLASS_FLAG	NOT NULL	VARCHAR2(1)	Keeps track of whether or not users want to track entities in project class. Default is U.
ASSET_CLASS_FLAG	NOT NULL	VARCHAR2(1)	Keeps track of whether or not users want to track entities in asset class. Default is U.

### Indexes

This table does not have any indexes.

### Sequences

Sequence Name	Column Name
KPFM_CONFIGURATIONS_S	CONFIGURATION_ID

## KPFM\_LAST\_VISITED\_SCEN\_COMP

This table stores the most recently viewed scenario comparison for each user.

### Foreign Keys

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

### 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	NOT UNIQUE	1	SCEN_COMPARISON_ID
KPFM_LAST_VISITED_SCEN_COMP_U1	UNIQUE	1	LAST_VISITED_SCEN_COMP_ID
KPFM_LAST_VISITED_SCEN_COMP_U2	UNIQUE	1	USER_ID

### Sequences

Sequence Name	Column Name
KPFM_LAST_VISITED_SCEN_COMP_S	LAST_VISITED_SCEN_COMP_ID

## KPFM\_PORTFOLIO\_LIFE\_CYCLE

This table stores the history of PFM entity lifecycle from proposal to project to asset. Whenever a proposal spawns a project or when a project spawns an asset, a row is inserted in this table.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_REQUESTS	REQUEST_ID	FROM_REQUEST_ID
KCRT_REQUESTS	REQUEST_ID	TO_REQUEST_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

### Column Descriptions

Column Name	Null?	Data Type	Description
PORTFOLIO_LIFE_CYCLE_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user 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(30)	Spawning entity, this is either PROPOSAL or PROJECT.
TO_REQUEST_ID	NOT NULL	NUMBER	Spawned request ID.
TO_PFM_TYPE_CODE	NOT NULL	VARCHAR2(30)	Spawned entity, this is either PROJECT or ASSET.

### Indexes

Index Name	Index Type	Sequence	Column Name
KPFM_PORTFOLIO_LIFE_CYCLE_N1	UNIQUE	1	FROM_REQUEST_ID
KPFM_PORTFOLIO_LIFE_CYCLE_N2	NOT UNIQUE	1	TO_REQUEST_ID
KPFM_PORTFOLIO_LIFE_CYCLE_U1	UNIQUE	1	PORTFOLIO_LIFE_CYCLE_ID

### Sequences

Sequence Name	Column Name
KPFM_PORTFOLIO_LIFE_CYCLE_S	PORTFOLIO_LIFE_CYCLE_ID



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## KPFM\_SCENARIOS

This table stores the scenarios for each scenario comparison. Currently each scenario comparison should have three scenarios thus three rows in this table.

### Foreign Keys

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

### 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(100)	Name for the scenario
SCEN_COMPARISON_ID	NOT NULL	NUMBER	The scenario comparison ID this scenario belongs to
SEQ	NOT NULL	NUMBER	Sequence of the scenarios. This ranges from 1 to 3 and is to make sure scenarios always appear in the same order.

### Indexes

Index Name	Index Type	Sequence	Column Name
KPFM_SCENARIOS_N1	NOT UNIQUE	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	Column Name
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_PERIODS	PERIOD_ID	START_PERIOD_ID
KNTA_PERIODS	PERIOD_ID	END_PERIOD_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

### 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.
SCEN_COMPARISON_NAME	NOT NULL	VARCHAR2(100)	Name for scenario comparison.
DESCRIPTION	NULL	VARCHAR2(250)	Description for scenario comparison.
ACTIVE_FLAG	NOT NULL	VARCHAR2(1)	Whether or not this scenario comparison is active.

### Indexes

Index Name	Index Type	Sequence	Column Name
KPFM_SCENARIO_COMPARISONS_N1	NOT UNIQUE	1	CREATED_BY
KPFM_SCENARIO_COMPARISONS_U1	UNIQUE	1	SCEN_COMPARISON_ID
KPFM_SCENARIO_COMPARISONS_U2	UNIQUE	1	SCEN_COMPARISON_NAME

### Sequences

Sequence Name	Column Name
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
KCRT_REQUESTS	REQUEST_ID	REQUEST_ID
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
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.
INCLUDE_IN_SCENARIO_FLAG	NOT NULL	VARCHAR2(1)	Whether or not the scenario (specified in SCENARIO_ID column) includes the PFM entity (specified in REQUEST_ID) column. The value in this column is Y or N.
PLAN_PERIOD_OFFSET	NOT NULL	NUMBER	The offset between the scenario start and the what-if start.

### Indexes

Index Name	Index Type	Sequence	Column Name
KPFM_SCENARIO_CONTENTS_N1	NOT UNIQUE	1	SCEN_COMPARISON_ID
KPFM_SCENARIO_CONTENTS_N2	NOT UNIQUE	1	REQUEST_ID
KPFM_SCENARIO_CONTENTS_N3	NOT UNIQUE	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	Column Name
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
KNTA_USERS	USER_ID	USER_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KPFM_SCENARIO_COMPARISONS	SCEN_COMPARISON_ID	SCEN_COMPARISON_ID

### Column Descriptions

Column Name	Null?	Data Type	Description
SCEN_COMPARISON_ACCESS_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user 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(1)	Whether or not the user can edit basic info for the scenario comparison.
EDIT_CONTENT_FLAG	NOT NULL	VARCHAR2(1)	Whether or not the user can edit PFM entity content for the scenario comparison.
EDIT_SECURITY_FLAG	NOT NULL	VARCHAR2(1)	Whether or not the user can edit security info for the scenario comparison.
DELETE_SCEN_COMP_FLAG	NOT NULL	VARCHAR2(1)	Whether or not the user can delete the scenario comparison.

### Indexes

Index Name	Index Type	Sequence	Column Name
KPFM_SCEN_COMPARISON_ACCESS_N1	NOT UNIQUE	1	SCEN_COMPARISON_ID
KPFM_SCEN_COMPARISON_ACCESS_N2	NOT UNIQUE	1	USER_ID
KPFM_SCEN_COMPARISON_ACCESS_U1	UNIQUE	1	SCEN_COMPARISON_ACCESS_ID

### Sequences

Sequence Name	Column Name
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
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KPFM_SCENARIO_COMPARISONS	SCEN_COMPARISON_ID	SCEN_COMPARISON_ID

### Column Descriptions

Column Name	Null?	Data Type	Description
SCEN_COMP_CAPACITY_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user 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	NULL	NUMBER	The entity of capacity. This is either budget or resource pool entity ID.
ENTITY_PRIMARY_KEY	NULL	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	NOT UNIQUE	1	SCEN_COMPARISON_ID
KPFM_SCEN_COMP_CAPACITIES_N2	NOT UNIQUE	1	ENTITY_ID
KPFM_SCEN_COMP_CAPACITIES_N2	NOT UNIQUE	2	ENTITY_PRIMARY_KEY
KPFM_SCEN_COMP_CAPACITIES_U1	UNIQUE	1	SCEN_COMP_CAPACITY_ID

### Sequences

Sequence Name	Column Name
KPFM_SCEN_COMP_CAPACITIES_S	SCEN_COMP_CAPACITY_ID

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## 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
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_VALIDATIONS	VALIDATION_ID	VALIDATION_ID
KPFM_SCORE_DOMAINS	SCORE_DOMAIN_ID	SCORE_DOMAIN_ID

### 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	NOT UNIQUE	1	SCORE_DOMAIN_ID
KPFM_SCORE_CRITERIA_U1	UNIQUE	1	SCORE_CRITERION_ID
KPFM_SCORE_CRITERIA_U2	UNIQUE	1	VALIDATION_ID

### Sequences

Sequence Name	Column Name
KPFM_SCORE_CRITERIA_S	SCORE_CRITERION_ID

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## 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(200)	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	Column Name
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
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KPFM_SCORE_CRITERIA	SCORE_CRITERION_ID	SCORE_CRITERION_ID

### Column Descriptions

Column Name	Null?	Data Type	Description
SCORE_SELECTION_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user 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(200)	The name or description of the selection.

### Indexes

Index Name	Index Type	Sequence	Column Name
KPFM_SCORE_SELECTIONS_N1	NOT UNIQUE	1	SCORE_CRITERION_ID
KPFM_SCORE_SELECTIONS_U1	UNIQUE	1	SCORE_SELECTION_ID

### Sequences

Sequence Name	Column Name
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(80)	Name of the business objective
OWNER_IDS	NULL	VARCHAR2(200)	List of users that own this business objective
RELATIVE_PRIORITY	NULL	NUMBER	Relative priority of this business objective
STATE_CODE	NULL	VARCHAR2(30)	State of this business objective: see lookup type 'PMO - Business Objective States'
DESCRIPTION	NULL	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	Column Name
KPMO_BUSINESS_OBJECTIVES_S	BUSINESS_OBJECTIVE_ID

# KPMO\_PROGRAMS

This table contains all the information pertaining to a Program.

## Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
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
PROGRAM_ID	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
PROGRAM_NAME	NOT NULL	VARCHAR2(80)	Name of the program
PROGRAM_MANAGER	NULL	VARCHAR2(2000)	List of the program manager's program
DESCRIPTION	NULL	VARCHAR2(4000)	Description of the program
PROGRAM_BENEFIT	NULL	VARCHAR2(4000)	Benefit of the program
PROGRAM_STATE_CODE	NOT NULL	VARCHAR2(30)	State of this program: see lookup type 'PMO_PROGRAM_STATE'
STATUS_NOTES	NULL	VARCHAR2(4000)	Text notes for this program
RELATIVE_PRIORITY	NULL	NUMBER	Relative priority of this program
PROGRAM_ACCESS_TYPE_CODE	NOT NULL	VARCHAR2(30)	Specifies who can access the program
COST_ACCESS_TYPE_CODE	NOT NULL	VARCHAR2(30)	Specifies who can access the cost metrics for this program
SHOW_ISSUES_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether to track issues for this program
SHOW_SCOPE_CHANGES_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether to track scope changes for this program
SHOW_RISKS_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether to track risks for this program
SHOW_RESOURCE_REQUESTS_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether to track resource requests for this program
SHOW_COST_HEALTH_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether to track cost health for this program
COST_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether to track cost for this program
USER_DATA_SET_CONTEXT_ID	NULL	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA1	NULL	VARCHAR2(200)	User data segment
USER_DATA2	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA2	NULL	VARCHAR2(200)	User data segment
USER_DATA3	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA3	NULL	VARCHAR2(200)	User data segment
USER_DATA4	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA4	NULL	VARCHAR2(200)	User data segment
USER_DATA5	NULL	VARCHAR2(200)	User data segment

Column Name	Null?	Data Type	Description
VISIBLE_USER_DATA5	NULL	VARCHAR2 (200)	User data segment
USER_DATA6	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA6	NULL	VARCHAR2 (200)	User data segment
USER_DATA7	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA7	NULL	VARCHAR2 (200)	User data segment
USER_DATA8	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA8	NULL	VARCHAR2 (200)	User data segment
USER_DATA9	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA9	NULL	VARCHAR2 (200)	User data segment
USER_DATA10	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA10	NULL	VARCHAR2 (200)	User data segment
USER_DATA11	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA11	NULL	VARCHAR2 (200)	User data segment
USER_DATA12	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA12	NULL	VARCHAR2 (200)	User data segment
USER_DATA13	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA13	NULL	VARCHAR2 (200)	User data segment
USER_DATA14	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA14	NULL	VARCHAR2 (200)	User data segment
USER_DATA15	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA15	NULL	VARCHAR2 (200)	User data segment
USER_DATA16	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA16	NULL	VARCHAR2 (200)	User data segment
USER_DATA17	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA17	NULL	VARCHAR2 (200)	User data segment
USER_DATA18	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA18	NULL	VARCHAR2 (200)	User data segment
USER_DATA19	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA19	NULL	VARCHAR2 (200)	User data segment
USER_DATA20	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA20	NULL	VARCHAR2 (200)	User data segment

*Indexes*

Index Name	Index Type	Sequence	Column Name
KPMO_PROGRAMS_U1	UNIQUE	1	PROGRAM_ID
KPMO_PROGRAMS_U2	UNIQUE	1	PROGRAM_NAME

*Sequences*

Sequence Name	Column Name
KPMO_PROGRAMS_S	PROGRAM_ID

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## 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
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KPMO_BUSINESS_OBJECTIVES	BUSINESS_OBJECTIVE_ID	BUSINESS_OBJECTIVE_ID
KPMO_PROGRAMS	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	NOT UNIQUE	1	BUSINESS_OBJECTIVE_ID
KPMO_PROGRAM_BUSINESS_OBJ_N2	NOT UNIQUE	1	PROGRAM_ID
KPMO_PROGRAM_BUSINESS_OBJ_U1	UNIQUE	1	PROGRAM_BUSINESS_OBJ_ID

### Sequences

Sequence Name	Column Name
KPMO_PROGRAM_BUSINESS_OBJ_S	PROGRAM_BUSINESS_OBJ_ID

## KPMO\_PROGRAM\_CONFIGURATIONS

This table defines the indicator settings for a program.

### Foreign Keys

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

### Column Descriptions

Column Name	Null?	Data Type	Description
PROGRAM_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
PROGRAM_ID	NOT NULL	NUMBER	Identifier for the program
REQUEST_TYPE_CATEGORY	NOT NULL	VARCHAR2(30)	See lookup type 'PMO_REQUEST_TYPE'
COLOR	NOT NULL	VARCHAR2(30)	RED or YELLOW
COUNT	NOT NULL	NUMBER	The threshold at which the indicator is triggered
PARAMETER1	NULL	VARCHAR2(200)	Program configuration detail parameter
VISIBLE_PARAMETER1	NULL	VARCHAR2(200)	Program configuration detail parameter
PARAMETER2	NULL	VARCHAR2(200)	Program configuration detail parameter
VISIBLE_PARAMETER2	NULL	VARCHAR2(200)	Program configuration detail parameter
PARAMETER3	NULL	VARCHAR2(200)	Program configuration detail parameter
VISIBLE_PARAMETER3	NULL	VARCHAR2(200)	Program configuration detail parameter
PARAMETER4	NULL	VARCHAR2(200)	Program configuration detail parameter
VISIBLE_PARAMETER4	NULL	VARCHAR2(200)	Program configuration detail parameter
PARAMETER5	NULL	VARCHAR2(200)	Program configuration detail parameter
VISIBLE_PARAMETERS5	NULL	VARCHAR2(200)	Program configuration detail parameter
PARAMETER6	NULL	VARCHAR2(200)	Program configuration detail parameter
VISIBLE_PARAMETER6	NULL	VARCHAR2(200)	Program configuration detail parameter
PARAMETER7	NULL	VARCHAR2(200)	Program configuration detail parameter
VISIBLE_PARAMETER7	NULL	VARCHAR2(200)	Program configuration detail parameter
PARAMETER8	NULL	VARCHAR2(200)	Program configuration detail parameter
VISIBLE_PARAMETER8	NULL	VARCHAR2(200)	Program configuration detail parameter
PARAMETER9	NULL	VARCHAR2(200)	Program configuration detail parameter
VISIBLE_PARAMETER9	NULL	VARCHAR2(200)	Program configuration detail parameter

Column Name	Null?	Data Type	Description
PARAMETER10	NULL	VARCHAR2(200)	Program configuration detail parameter
VISIBLE_PARAMETER10	NULL	VARCHAR2(200)	Program configuration detail parameter

*Indexes*

Index Name	Index Type	Sequence	Column Name
KPMO_PROGRAM_CONFIGURATIONS_N1	NOT UNIQUE	1	PROGRAM_ID
KPMO_PROGRAM_CONFIGURATIONS_U1	UNIQUE	1	PROGRAM_CONFIGURATION_ID

*Sequences*

Sequence Name	Column Name
KPMO_PROGRAM_CONFIGURATIONS_S	PROGRAM_CONFIGURATION_ID

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## KPMO\_PROGRAM\_PROJECTS

This many-to-many cross-reference table joins Programs to their related Projects.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KDRV_PROJECTS	PROJECT_ID	PROJECT_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KPMO_PROGRAMS	PROGRAM_ID	PROGRAM_ID

### Column Descriptions

Column Name	Null?	Data Type	Description
PROGRAM_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
PROGRAM_ID	NOT NULL	NUMBER	Identifier for the program
PROJECT_ID	NOT NULL	NUMBER	Identifier for the project

### Indexes

Index Name	Index Type	Sequence	Column Name
KPMO_PROGRAM_PROJECTS_U1	UNIQUE	1	PROGRAM_PROJECT_ID
KPMO_PROGRAM_PROJECTS_U2	UNIQUE	1	PROGRAM_ID
KPMO_PROGRAM_PROJECTS_U2	UNIQUE	2	PROJECT_ID

### Sequences

Sequence Name	Column Name
KPMO_PROGRAM_PROJECTS_S	PROGRAM_PROJECT_ID

## KPMO\_PROGRAM\_SUMMARY

This table denormalizes the summary condition data for a program to reduce the number of times it must be calculated.

### Foreign Keys

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

### Column Descriptions

Column Name	Null?	Data Type	Description
PROGRAM_SUMMARY_ID	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
PROGRAM_ID	NOT NULL	NUMBER	Identifier for the program
ISSUE_SUMMARY	NULL	VARCHAR2(30)	Last calculated summary condition of the issues in this program
RISK_SUMMARY	NULL	VARCHAR2(30)	Last calculated summary condition of the risks in this program
RESOURCE_REQUEST_SUMMARY	NULL	VARCHAR2(30)	Last calculated summary condition of the resource requests in this program
SCOPE_CHANGE_SUMMARY	NULL	VARCHAR2(30)	Last calculated summary condition of the scope changes in this program
COST_SUMMARY	NULL	VARCHAR2(30)	Last calculated cost summary condition in this program

### Indexes

Index Name	Index Type	Sequence	Column Name
KPMO_PROGRAM_SUMMARY_U1	UNIQUE	1	PROGRAM_SUMMARY_ID
KPMO_PROGRAM_SUMMARY_U2	UNIQUE	1	PROGRAM_ID

### Sequences

Sequence Name	Column Name
KPMO_PROGRAM_SUMMARY_S	PROGRAM_SUMMARY_ID



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## KPMO\_SCHED\_PROGRAM\_CLEANUPS

Enter a description for KPMO\_SCHED\_PROGRAM\_CLEANUPS here, and verify the Temp Table Flag is correct.

### Foreign Keys

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

### Column Descriptions

Column Name	Null?	Data Type	Description
SCHED_PROGRAM_CLEANUP_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
PROGRAM_ID	NOT NULL	NUMBER	
PROGRAM_NAME	NOT NULL	VARCHAR2(80)	
CALLBACK_ATTEMPTS	NOT NULL	NUMBER	

### Indexes

Index Name	Index Type	Sequence	Column Name
KPMO_SCHED_PROGRAM_CLEANUPS_U1	UNIQUE	1	SCHED_PROGRAM_CLEANUP_ID

### Sequences

This table does not use any sequences.

# KREL\_DISTRIBUTIONS

Table containing Distributions created from the Release Screen.

## Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
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
KREL_RELEASES	RELEASE_ID	RELEASE_ID
KWFL_WORKFLOWS	WORKFLOW_ID	WORKFLOW_ID

## Column Descriptions

Column Name	Null?	Data Type	Description
DISTRIBUTION_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user 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(80)	Unique name within a Release.
STATUS_CODE	NOT NULL	VARCHAR2(30)	Status within Distribution's workflow. LOOKUP_TYPE = 'WF_PARENT_STATUS'
WORKFLOW_ID	NULL	NUMBER	Workflow ID. Refers to KWFL_WORKFLOWS.
FEEDBACK_FLAG	NOT NULL	VARCHAR2(1)	Whether FEEDBACK_CODE was fed back to original package lines.
FEEDBACK_CODE	NULL	VARCHAR2(30)	Value to feed back to original Package Lines. LOOKUP_TYPE = 'RM - Ready for Release'
DESCRIPTION	NULL	VARCHAR2(240)	Free-form description of the distribution.
USER_DATA_SET_CONTEXT_ID	NULL	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA1	NULL	VARCHAR2(200)	User data segment
USER_DATA2	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA2	NULL	VARCHAR2(200)	User data segment
USER_DATA3	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA3	NULL	VARCHAR2(200)	User data segment
USER_DATA4	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA4	NULL	VARCHAR2(200)	User data segment
USER_DATA5	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA5	NULL	VARCHAR2(200)	User data segment
USER_DATA6	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA6	NULL	VARCHAR2(200)	User data segment
USER_DATA7	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA7	NULL	VARCHAR2(200)	User data segment
USER_DATA8	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA8	NULL	VARCHAR2(200)	User data segment

Column Name	Null?	Data Type	Description
USER_DATA9	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA9	NULL	VARCHAR2 (200)	User data segment
USER_DATA10	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA10	NULL	VARCHAR2 (200)	User data segment
USER_DATA11	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA11	NULL	VARCHAR2 (200)	User data segment
USER_DATA12	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA12	NULL	VARCHAR2 (200)	User data segment
USER_DATA13	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA13	NULL	VARCHAR2 (200)	User data segment
USER_DATA14	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA14	NULL	VARCHAR2 (200)	User data segment
USER_DATA15	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA15	NULL	VARCHAR2 (200)	User data segment
USER_DATA16	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA16	NULL	VARCHAR2 (200)	User data segment
USER_DATA17	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA17	NULL	VARCHAR2 (200)	User data segment
USER_DATA18	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA18	NULL	VARCHAR2 (200)	User data segment
USER_DATA19	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA19	NULL	VARCHAR2 (200)	User data segment
USER_DATA20	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA20	NULL	VARCHAR2 (200)	User data segment

*Indexes*

Index Name	Index Type	Sequence	Column Name
KREL_DISTRIBUTIONS_N1	NOT UNIQUE	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	Column Name
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
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KREL_DISTRIBUTIONS	DISTRIBUTION_ID	DISTRIBUTION_ID

### 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	NOT UNIQUE	1	DISTRIBUTION_ID
KREL_DIST_RUN_GROUPS_U2	NOT UNIQUE	2	RUN_GROUP

### Sequences

Sequence Name	Column Name
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
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KREL_DIST_RUN_GROUPS	DIST_RUN_GROUP_ID	DIST_RUN_GROUP_ID

### 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	NULL	VARCHAR2(30)	The status code for the entire run group
STATUS_MEANING	NULL	VARCHAR2(80)	The status meaning for the entire run group
WORKFLOW_STEP_ID_PATH	NOT NULL	VARCHAR2(200)	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	NOT UNIQUE	1	DIST_RUN_GROUP_ID
KREL_DIST_RUN_GROUP_LOCKS_U2	NOT UNIQUE	2	WORKFLOW_STEP_ID_PATH

### Sequences

Sequence Name	Column Name
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
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KREL_DIST_RUN_GROUPS	DIST_RUN_GROUP_ID	DIST_RUN_GROUP_ID

### 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	NULL	VARCHAR2(30)	The status code for the entire run group
STATUS_MEANING	NULL	VARCHAR2(80)	The status meaning for the entire run group
WORKFLOW_STEP_ID_PATH	NOT NULL	VARCHAR2(200)	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	NOT UNIQUE	1	DIST_RUN_GROUP_ID
KREL_DIST_RUN_GROUP_STATUS_U2	NOT UNIQUE	2	WORKFLOW_STEP_ID_PATH

### Sequences

Sequence Name	Column Name
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	NULL	NUMBER	Parameter set context ID. Refers to KNTA_PARAMETER_SET_CONTEXTS.
PARAMETER1	NOT NULL	VARCHAR2(200)	Used for Release name.
VISIBLE_PARAMETER1	NULL	VARCHAR2(200)	Used for Release name.
PARAMETER2	NULL	VARCHAR2(200)	Used for Release status code.
VISIBLE_PARAMETER2	NULL	VARCHAR2(200)	Used for Release status meaning.
PARAMETER3	NULL	VARCHAR2(200)	Used for Release manager ID.
VISIBLE_PARAMETER3	NULL	VARCHAR2(200)	Used for Release manager name.
PARAMETER4	NULL	VARCHAR2(200)	Used for Release team ID.
VISIBLE_PARAMETER4	NULL	VARCHAR2(200)	Used for Release team name.
PARAMETER5	NULL	VARCHAR2(200)	Used for Release description.
VISIBLE_PARAMETER5	NULL	VARCHAR2(200)	Used for Release description.
PARAMETER6	NULL	VARCHAR2(200)	Used for Release group.
VISIBLE_PARAMETER6	NULL	VARCHAR2(200)	Used for Release group.
PARAMETER7	NULL	VARCHAR2(200)	Release parameter.
VISIBLE_PARAMETER7	NULL	VARCHAR2(200)	Release parameter.
PARAMETER8	NULL	VARCHAR2(200)	Release parameter.
VISIBLE_PARAMETER8	NULL	VARCHAR2(200)	Release parameter.
PARAMETER9	NULL	VARCHAR2(200)	Release parameter.
VISIBLE_PARAMETER9	NULL	VARCHAR2(200)	Release parameter.
PARAMETER10	NULL	VARCHAR2(200)	Release parameter.
VISIBLE_PARAMETER10	NULL	VARCHAR2(200)	Release parameter.
PARAMETER11	NULL	VARCHAR2(200)	Release parameter.
VISIBLE_PARAMETER11	NULL	VARCHAR2(200)	Release parameter.
PARAMETER12	NULL	VARCHAR2(200)	Release parameter.
VISIBLE_PARAMETER12	NULL	VARCHAR2(200)	Release parameter.
PARAMETER13	NULL	VARCHAR2(200)	Release parameter.
VISIBLE_PARAMETER13	NULL	VARCHAR2(200)	Release parameter.
PARAMETER14	NULL	VARCHAR2(200)	Release parameter.
VISIBLE_PARAMETER14	NULL	VARCHAR2(200)	Release parameter.
PARAMETER15	NULL	VARCHAR2(200)	Release parameter.

Column Name	Null?	Data Type	Description
VISIBLE_PARAMETER15	NULL	VARCHAR2 (200)	Release parameter.
PARAMETER16	NULL	VARCHAR2 (200)	Release parameter.
VISIBLE_PARAMETER16	NULL	VARCHAR2 (200)	Release parameter.
PARAMETER17	NULL	VARCHAR2 (200)	Release parameter.
VISIBLE_PARAMETER17	NULL	VARCHAR2 (200)	Release parameter.
PARAMETER18	NULL	VARCHAR2 (200)	Release parameter.
VISIBLE_PARAMETER18	NULL	VARCHAR2 (200)	Release parameter.
PARAMETER19	NULL	VARCHAR2 (200)	Release parameter.
VISIBLE_PARAMETER19	NULL	VARCHAR2 (200)	Release parameter.
PARAMETER20	NULL	VARCHAR2 (200)	Release parameter.
VISIBLE_PARAMETER20	NULL	VARCHAR2 (200)	Release parameter.
PARAMETER21	NULL	VARCHAR2 (200)	Release parameter.
VISIBLE_PARAMETER21	NULL	VARCHAR2 (200)	Release parameter.
PARAMETER22	NULL	VARCHAR2 (200)	Release parameter.
VISIBLE_PARAMETER22	NULL	VARCHAR2 (200)	Release parameter.
PARAMETER23	NULL	VARCHAR2 (200)	Release parameter.
VISIBLE_PARAMETER23	NULL	VARCHAR2 (200)	Release parameter.
PARAMETER24	NULL	VARCHAR2 (200)	Release parameter.
VISIBLE_PARAMETER24	NULL	VARCHAR2 (200)	Release parameter.
PARAMETER25	NULL	VARCHAR2 (200)	Release parameter.
VISIBLE_PARAMETER25	NULL	VARCHAR2 (200)	Release parameter.
PARAMETER26	NULL	VARCHAR2 (200)	Release parameter.
VISIBLE_PARAMETER26	NULL	VARCHAR2 (200)	Release parameter.
PARAMETER27	NULL	VARCHAR2 (200)	Release parameter.
VISIBLE_PARAMETER27	NULL	VARCHAR2 (200)	Release parameter.
PARAMETER28	NULL	VARCHAR2 (200)	Release parameter.
VISIBLE_PARAMETER28	NULL	VARCHAR2 (200)	Release parameter.
PARAMETER29	NULL	VARCHAR2 (200)	Release parameter.
VISIBLE_PARAMETER29	NULL	VARCHAR2 (200)	Release parameter.
PARAMETER30	NULL	VARCHAR2 (200)	Release parameter.
VISIBLE_PARAMETER30	NULL	VARCHAR2 (200)	Release parameter.

*Indexes*

Index Name	Index Type	Sequence	Column Name
KREL_RELEASES_U1	UNIQUE	1	RELEASE_ID
KREL_RELEASES_U2	UNIQUE	1	PARAMETER1

*Sequences*

Sequence Name	Column Name
KREL_RELEASES_S	RELEASE_ID



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## 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.
SEQ_PERIOD_TYPE_4	NULL	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	NULL	NUMBER	This column is reserved for future use.
SEQ_CUSTOM_2	NULL	NUMBER	This column is reserved for future use.
SEQ_CUSTOM_3	NULL	NUMBER	This column is reserved for future use.
SEQ_CUSTOM_4	NULL	NUMBER	This column is reserved for future use.
SEQ_CUSTOM_5	NULL	NUMBER	This column is reserved for future use.

### Indexes

Index Name	Index Type	Sequence	Column Name
KRML_CALENDAR_DAYS_N1	NOT UNIQUE	1	SEQ_PERIOD_TYPE_1
KRML_CALENDAR_DAYS_N2	NOT UNIQUE	1	SEQ_PERIOD_TYPE_2
KRML_CALENDAR_DAYS_N3	NOT UNIQUE	1	SEQ_PERIOD_TYPE_3
KRML_CALENDAR_DAYS_N4	NOT UNIQUE	1	SEQ_PERIOD_TYPE_4
KRML_CALENDAR_DAYS_U1	UNIQUE	1	CALENDAR_DATE

### Sequences

This table does not use any sequences.

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## 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_ENTITIES	ENTITY_ID	ENTITY_ID
KNTA_PARAMETER_SETS	PARAMETER_SET_ID	PARAMETER_SET_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

### 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
PARAMETER_SET_ID	NOT NULL	NUMBER	Identifies the parameter set that this view context is associated with
ENTITY_ID	NULL	NUMBER	Identifies the entity that this view context is associated with
CONTEXT_VALUE	NULL	VARCHAR2(200)	Identifies the entity context this view context is associated with
VISIBLE_CONTEXT_VALUE	NULL	VARCHAR2(200)	Used to identify the RML_VIEW_NAME_ROOT from the context value
RML_VIEW_NAME_ROOT	NULL	VARCHAR2(20)	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(1)	Mark to identify entries which are no longer used

### Indexes

Index Name	Index Type	Sequence	Column Name
KRML_CONTEXT_UPDATES_PK	UNIQUE	1	PARAMETER_SET_CONTEXT_ID

### Sequences

This table 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_ENTITIES	ENTITY_ID	ENTITY_ID
KNTA_PARAMETER_SETS	PARAMETER_SET_ID	PARAMETER_SET_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

### 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
PARAMETER_SET_ID	NOT NULL	NUMBER	Identifies the parameter set that this view context is associated with
ENTITY_ID	NULL	NUMBER	Identifies the entity that this view context is associated with
CONTEXT_VALUE	NULL	VARCHAR2(200)	Identifies the entity context this view context is associated with
VISIBLE_CONTEXT_VALUE	NULL	VARCHAR2(200)	Used to identify the RML_VIEW_NAME_ROOT from the context value
RML_VIEW_NAME_ROOT	NULL	VARCHAR2(20)	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(1)	Mark to identify entries which are no longer used

### Indexes

Index Name	Index Type	Sequence	Column Name
KRML_CONTEXT_UPDATES_COPY_PK	UNIQUE	1	PARAMETER_SET_CONTEXT_ID

### Sequences

This table 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_PARAMETER_SETS	PARAMETER_SET_ID	SOURCE_PARAMETER_SET_ID
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	PARAMETER_SET_CONTEXT_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
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
PARAMETER_SET_CONTEXT_ID	NOT NULL	NUMBER	Foreign key to KNTA_PARAMETER_SET_CONTEXTS
BATCH_NUMBER	NULL	NUMBER	Identifies which "batch" grouping this field belongs to
PARAMETER_COLUMN_NUMBER	NULL	NUMBER	Specifies in which column on this field's parent entity table to store this field's data
PROMPT	NULL	VARCHAR2(50)	Field prompt
PARAMETER_TOKEN	NULL	VARCHAR2(30)	Token name for this field
DESCRIPTION	NULL	VARCHAR2(240)	Field description
PARAMETER_TABLE_NAME	NULL	VARCHAR2(30)	For field group fields, this value is the table where the values are stored.
PARAMETER_VALUE_COL_NAME	NULL	VARCHAR2(30)	For field group fields, this value is the column where the hidden values are stored.
PARAMETER_VIS_VALUE_COL_NAME	NULL	VARCHAR2(30)	For field group fields, this value is the column where the visible values are stored.
SOURCE_PARAMETER_SET_ID	NULL	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.

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## 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
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KRML_VIEWS	BATCH_NUMBER	BATCH_NUMBER

### Column Descriptions

Column Name	Null?	Data Type	Description
PROCESS_MESSAGE_ID	NOT NULL	NUMBER	System-generated identifier
MESSAGE_TYPE	NOT NULL	VARCHAR2(30)	Type of message (for RML synchronization report)
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user 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	NULL	NUMBER	RML synchronization batch that this message belongs to
MESSAGE	NULL	VARCHAR2(2000)	Text to include in the RML synchronization report

### Indexes

Index Name	Index Type	Sequence	Column Name
KRML_PROCESS_MESSAGES_PK	UNIQUE	1	PROCESS_MESSAGE_ID

### Sequences

Sequence Name	Column Name
KRML_PROCESS_MESSAGES_S	PROCESS_MESSAGE_ID

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## 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(50)	Unique name of the control
VALUE	NULL	VARCHAR2(100)	Value of this control

### Indexes

Index Name	Index Type	Sequence	Column Name
KRML_SYSTEM_CONTROLS_PK	UNIQUE	1	SYSTEM_CONTROL_ID

### Sequences

This table 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(30)	The name of this RML view to be updated, if applicable
EXISTING_VIEW_NAME	NULL	VARCHAR2(100)	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.
DDL_ACTION	NOT NULL	VARCHAR2(50)	The action {CREATE, REPLACE, DROP}that will be taken on this view during synchronization of the Reporting Meta Layer
REASON_OF_DDL_ACTION	NULL	VARCHAR2(200)	Brief reason for the DDL action, to be displayed in the synchronization report
STATUS	NOT NULL	VARCHAR2(20)	Status of the DDL action {PENDING, SUCCEED, FAILED, ERROR}
ERROR	NULL	VARCHAR2(400)	Visible error message, if applicable
ORACLE_ERROR	NULL	VARCHAR2(2000)	Oracle error associated with the error message, if applicable
LAST_SUCCESSFUL_SYNC_DATE	NULL	DATE	Date this view was last successfully synchronized
BATCH_NUMBER	NULL	NUMBER	Identifier for a batch of views that are being assessed or synchronized in a single synch report
UPDATE_DOC_FLAG	NULL	VARCHAR2(1)	(Future use only) Indicator for whether this view's documentation needs to be updated
VIEW_COMMENTS	NULL	VARCHAR2(2000)	Comments
DDL_STATEMENT	NULL	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	Column Name
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_PARAMETER_SETS	PARAMETER_SET_ID	SOURCE_PARAMETER_SET_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
KRML_VIEWS	VIEW_ID	VIEW_ID

### Column Descriptions

Column Name	Null?	Data Type	Description
VIEW_COLUMN_ID	NOT NULL	NUMBER	System-generated identifier
VIEW_ID	NOT NULL	NUMBER	Identifies which RML view this column belongs to
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user 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
BATCH_NUMBER	NULL	NUMBER	Identifier for a batch of views that are being assessed or synchronized in a single synch report
PARAMETER_COLUMN_NUMBER	NULL	NUMBER	Specifies in which column on this field's parent entity table to store this field's data
PROMPT	NULL	VARCHAR2(50)	Field prompt
PARAMETER_TOKEN	NULL	VARCHAR2(30)	Token name for this field
DESCRIPTION	NULL	VARCHAR2(240)	Field description
PARAMETER_TABLE_NAME	NULL	VARCHAR2(30)	For field group fields, this value is the table where the values are stored.
PARAMETER_VALUE_COL_NAME	NULL	VARCHAR2(30)	For field group fields, this value is the column where the hidden values are stored.
PARAMETER_VIS_VALUE_COL_NAME	NULL	VARCHAR2(30)	For field group fields, this value is the column where the visible values are stored.
SOURCE_PARAMETER_SET_ID	NULL	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

Column Name

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KRML\_VIEW\_COLUMNS\_S

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VIEW\_COLUMN\_ID

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## 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_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	PARAMETER_SET_CONTEXT_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
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(1)	Indicates whether this view context is a driving context

### Indexes

Index Name	Index Type	Sequence	Column Name
KRML_VIEW_CONTEXTS_PK	UNIQUE	1	VIEW_CONTEXT_ID

### Sequences

Sequence Name	Column Name
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_PARAMETER_SETS	PARAMETER_SET_ID	DRIVING_PARAMETER_SET
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

### Column Descriptions

Column Name	Null?	Data Type	Description
VIEW_DEF_TEMPLATE_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user 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(200)	Name of the text file that stores this template
VIEW_CATEGORY_ID	NULL	NUMBER	(Future Use Only) Category this template belongs to
VIEW_NAME_PREFIX	NULL	VARCHAR2(10)	Prefix for all RML views generated by this template, if this template represents a driving context
STATIC_VIEW_NAME	NULL	VARCHAR2(30)	Full name of the RML view if this template does not represent a driving context
SOURCE	NOT NULL	VARCHAR2(30)	Source of this template
DRIVING_PARAMETER_SET	NULL	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	Column Name
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_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	USER_DATA_SET_CONTEXT_ID
KNTA_REGIONS	REGION_ID	REGION_ID
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

### 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(200)	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.
MANAGER_ID	NULL	NUMBER	Foreign key to the Kintana user who is the manager of this Organization Unit.
DEPARTMENT_CODE	NULL	VARCHAR2(30)	Lookup code for 'DEPT'
LOCATION_CODE	NULL	VARCHAR2(30)	Lookup code for 'RSC - Location'
CATEGORY_CODE	NULL	VARCHAR2(30)	Lookup code for 'RSC - Org Unit Category'
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flag is 'Y' if this is an active Org Unit, 'N' if obsolete or not yet in use
USER_DATA_SET_CONTEXT_ID	NULL	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA1	NULL	VARCHAR2(200)	User data segment
USER_DATA2	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA2	NULL	VARCHAR2(200)	User data segment
USER_DATA3	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA3	NULL	VARCHAR2(200)	User data segment
USER_DATA4	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA4	NULL	VARCHAR2(200)	User data segment
USER_DATA5	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA5	NULL	VARCHAR2(200)	User data segment
USER_DATA6	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA6	NULL	VARCHAR2(200)	User data segment
USER_DATA7	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA7	NULL	VARCHAR2(200)	User data segment
USER_DATA8	NULL	VARCHAR2(200)	User data segment

Column Name	Null?	Data Type	Description
VISIBLE_USER_DATA8	NULL	VARCHAR2(200)	User data segment
USER_DATA9	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA9	NULL	VARCHAR2(200)	User data segment
USER_DATA10	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA10	NULL	VARCHAR2(200)	User data segment
USER_DATA11	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA11	NULL	VARCHAR2(200)	User data segment
USER_DATA12	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA12	NULL	VARCHAR2(200)	User data segment
USER_DATA13	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA13	NULL	VARCHAR2(200)	User data segment
USER_DATA14	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA14	NULL	VARCHAR2(200)	User data segment
USER_DATA15	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA15	NULL	VARCHAR2(200)	User data segment
USER_DATA16	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA16	NULL	VARCHAR2(200)	User data segment
USER_DATA17	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA17	NULL	VARCHAR2(200)	User data segment
USER_DATA18	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA18	NULL	VARCHAR2(200)	User data segment
USER_DATA19	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA19	NULL	VARCHAR2(200)	User data segment
USER_DATA20	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA20	NULL	VARCHAR2(200)	User data segment
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
REGION_ID	NULL	NUMBER	The region for this org unit if it is directly specified
PRIMARY_FLAG	NOT NULL	VARCHAR2(1)	This is Y if this is a primary org unit

*Indexes*

Index Name	Index Type	Sequence	Column Name
KRSC_ORG_UNITS_N1	NOT UNIQUE	1	PARENT_ORG_UNIT_ID
KRSC_ORG_UNITS_N3	NOT UNIQUE	1	REGION_ID
KRSC_ORG_UNITS_U1	UNIQUE	1	ORG_UNIT_ID
KRSC_ORG_UNITS_U2	UNIQUE	1	ORG_UNIT_NAME

*Sequences*

Sequence Name	Column Name
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 Kintana from an external data source.

## Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	USER_DATA_SET_CONTEXT_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	MANAGER_ID
KRSC_ORG_UNITS	ORG_UNIT_ID	PARENT_ORG_UNIT_ID
KRSC_ORG_UNITS	ORG_UNIT_ID	ORG_UNIT_ID
KRSC_ORG_UNITS_INT	GROUP_ID	GROUP_ID
KRSC_ORG_UNIT_MEMBERS_INT	GROUP_ID	GROUP_ID

## Column Descriptions

Column Name	Null?	Data Type	Description
TRANSACTION_ID	NULL	NUMBER	System-generated identifier
GROUP_ID	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	NULL	VARCHAR2(1)	Used to indicate if the Organization Unit already exists in the system
PROCESS_PHASE	NULL	NUMBER	Indicates which phase a record is at: Pending, Deriving, Validating, Importing or Completed.
PROCESS_STATUS	NULL	NUMBER	Indicates the current status of the interface record: Pending, In Progress, Errored or Completed.
CREATED_BY	NULL	NUMBER	Identifier for the user that created the record
CREATED_BY_USERNAME	NULL	VARCHAR2(200)	Username corresponding to the 'CREATED_BY' column
CREATION_DATE	NULL	DATE	Date record was created
DEST_CREATED_BY	NULL	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	NULL	DATE	The date that the transaction is performed.
DEST_LAST_UPDATED_BY	NULL	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	NULL	DATE	The date that the transaction is performed.
DEST_ENTITY_UPD_DATE	NULL	DATE	The date that the transaction is performed.
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.

Column Name	Null?	Data Type	Description
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
ORG_UNIT_ID	NULL	NUMBER	The id of the Organization Unit to be added or updated.
ORG_UNIT_NAME	NULL	VARCHAR2(200)	The name of the Organization Unit to be added or updated.
PARENT_ORG_UNIT_ID	NULL	NUMBER	Id of the parent Organization Unit of the Organization Unit to be imported if it has a parent.
PARENT_ORG_UNIT_NAME	NULL	VARCHAR2(200)	The name of the parent Organization Unit of the Organization Unit to be imported if it has a parent.
MANAGER_ID	NULL	NUMBER	User id of the manager of this Organization Unit.
MANAGER_USERNAME	NULL	VARCHAR2(200)	Username of the manager of this Organization Unit.
MANAGER_LOGON_IDENTIFIER	NULL	VARCHAR2(200)	The logon identifier (from the KNTA_USERS table) of the manager of this Organization Unit
DEPARTMENT_CODE	NULL	VARCHAR2(30)	Lookup code for 'DEPT'
DEPARTMENT_MEANING	NULL	VARCHAR2(80)	Lookup meaning for 'DEPT'
LOCATION_CODE	NULL	VARCHAR2(30)	Lookup code for 'RSC - Location'
LOCATION_MEANING	NULL	VARCHAR2(80)	Lookup meaning for 'RSC - Location'
CATEGORY_CODE	NULL	VARCHAR2(30)	Lookup code for 'RSC - Org Unit Category'
CATEGORY_MEANING	NULL	VARCHAR2(80)	Lookup meaning for 'RSC - Org Unit Category'
ENABLED_FLAG	NULL	VARCHAR2(1)	Flag is 'Y' if this is an active Org Unit, 'N' if obsolete or not yet in use
USER_DATA_SET_CONTEXT_ID	NULL	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA1	NULL	VARCHAR2(200)	User data segment
USER_DATA2	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA2	NULL	VARCHAR2(200)	User data segment
USER_DATA3	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA3	NULL	VARCHAR2(200)	User data segment
USER_DATA4	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA4	NULL	VARCHAR2(200)	User data segment
USER_DATA5	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA5	NULL	VARCHAR2(200)	User data segment
USER_DATA6	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA6	NULL	VARCHAR2(200)	User data segment
USER_DATA7	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA7	NULL	VARCHAR2(200)	User data segment
USER_DATA8	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA8	NULL	VARCHAR2(200)	User data segment
USER_DATA9	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA9	NULL	VARCHAR2(200)	User data segment
USER_DATA10	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA10	NULL	VARCHAR2(200)	User data segment
USER_DATA11	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA11	NULL	VARCHAR2(200)	User data segment
USER_DATA12	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA12	NULL	VARCHAR2(200)	User data segment

Column Name	Null?	Data Type	Description
USER_DATA13	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA13	NULL	VARCHAR2 (200)	User data segment
USER_DATA14	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA14	NULL	VARCHAR2 (200)	User data segment
USER_DATA15	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA15	NULL	VARCHAR2 (200)	User data segment
USER_DATA16	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA16	NULL	VARCHAR2 (200)	User data segment
USER_DATA17	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA17	NULL	VARCHAR2 (200)	User data segment
USER_DATA18	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA18	NULL	VARCHAR2 (200)	User data segment
USER_DATA19	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA19	NULL	VARCHAR2 (200)	User data segment
USER_DATA20	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA20	NULL	VARCHAR2 (200)	User data segment

*Indexes*

Index Name	Index Type	Sequence	Column Name
KRSC_ORG_UNITS_INT_N1	NOT UNIQUE	1	GROUP_ID
KRSC_ORG_UNITS_INT_N1	NOT UNIQUE	2	ORG_UNIT_ID
KRSC_ORG_UNITS_INT_N2	NOT UNIQUE	1	GROUP_ID
KRSC_ORG_UNITS_INT_N2	NOT UNIQUE	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
KNTA_USERS	USER_ID	USER_ID
KRSC_ORG_UNITS	ORG_UNIT_ID	ORG_UNIT_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.
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)

### Indexes

Index Name	Index Type	Sequence	Column Name
KRSC_ORG_UNIT_MEMBERS_N1	NOT UNIQUE	1	ORG_UNIT_ID
KRSC_ORG_UNIT_MEMBERS_U1	UNIQUE	1	ORG_UNIT_MEMBER_ID

### Sequences

Sequence Name	Column Name
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 Kintana from an external data source.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	USER_ID
KRSC_ORG_UNITS	ORG_UNIT_ID	ORG_UNIT_ID
KRSC_ORG_UNITS_INT	GROUP_ID	GROUP_ID
KRSC_ORG_UNIT_MEMBERS	ORG_UNIT_MEMBER_ID	ORG_UNIT_MEMBER_ID
KRSC_ORG_UNIT_MEMBERS_INT	GROUP_ID	GROUP_ID

### Column Descriptions

Column Name	Null?	Data Type	Description
TRANSACTION_ID	NULL	NUMBER	System-generated identifier
GROUP_ID	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	NULL	VARCHAR2(1)	Used to indicate if the Organization Unit Member already exists in the system
PROCESS_PHASE	NULL	NUMBER	Indicates which phase a record is at: Pending, Deriving, Validating, Importing or Completed.
PROCESS_STATUS	NULL	NUMBER	Indicates the current status of the interface record: Pending, In Progress, Errored or Completed.
CREATED_BY	NULL	NUMBER	Identifier for the user that created the record
CREATED_BY_USERNAME	NULL	VARCHAR2(200)	Username for the user that created the record
CREATION_DATE	NULL	DATE	Date record was created
DEST_CREATED_BY	NULL	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	NULL	DATE	The date that the transaction is performed.
DEST_LAST_UPDATED_BY	NULL	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	NULL	DATE	The date that the transaction is performed.
DEST_ENTITY_UPD_DATE	NULL	DATE	The date that the transaction is performed.
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated

Column Name	Null?	Data Type	Description
ORG_UNIT_MEMBER_ID	NULL	NUMBER	by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.) The id of the Organization Unit Member to be added or updated.
ORG_UNIT_ID	NULL	NUMBER	The id of the Organization Unit that the member is to be added to.
ORG_UNIT_NAME	NULL	VARCHAR2(200)	The name of the Organization Unit that the member is to be added to.
USER_ID	NULL	NUMBER	The user id of the member to be added to the Organization Unit.
USERNAME	NULL	VARCHAR2(200)	The username of the member to be added to the Organization Unit.
LOGON_IDENTIFIER	NULL	VARCHAR2(200)	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	NOT UNIQUE	1	GROUP_ID
KRSC_ORG_UNIT_MEMBERS_INT_N1	NOT UNIQUE	2	ORG_UNIT_ID
KRSC_ORG_UNIT_MEMBERS_INT_N2	NOT UNIQUE	1	GROUP_ID
KRSC_ORG_UNIT_MEMBERS_INT_N2	NOT UNIQUE	2	ORG_UNIT_NAME
KRSC_ORG_UNIT_MEMBERS_INT_U1	UNIQUE	1	TRANSACTION_ID

#### Sequences

This table does not use any sequences.

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## KRSC\_PND\_ASSGN\_ON\_HOLD\_TEMP

Enter a description for KRSC\_PND\_ASSGN\_ON\_HOLD\_TEMP here, and verify the Temp Table Flag is correct.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
<UNKNOWN>	<UNKNOWN>	SOURCE_ENTITY_ID
KNTA_PENDING_EXCEPTIONS	SOURCE_ID	SOURCE_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY

### 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
SOURCE_ENTITY_ID	NOT NULL	NUMBER	
SOURCE_ID	NOT NULL	NUMBER	

### Indexes

Index Name	Index Type	Sequence	Column Name
KRSC_PND_ASSGN_ON_HOLD_TEMP_N1	NOT UNIQUE	1	SOURCE_ENTITY_ID
KRSC_PND_ASSGN_ON_HOLD_TEMP_N1	NOT UNIQUE	2	SOURCE_ID
KRSC_PND_ASSGN_ON_HOLD_TEMP_U1	UNIQUE	1	PENDING_ASSIGNMENT_ID

### Sequences

Sequence Name	Column Name
KRSC_PND_ASSGN_ON_HOLD_TEMP_S	PENDING_ASSIGNMENT_ID

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## KRSC\_RESOURCE\_SKILLS

Cross table between a Resource table and the Skills table. Defines the Skills and the proficiency of the Skills that a resource has.

### 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
KRSC_SKILLS	SKILL_ID	SKILL_ID

### Column Descriptions

Column Name	Null?	Data Type	Description
RESOURCE_SKILL_ID	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	Foreign key to the KNTA_USERS table. The User that has the Skill.
SKILL_ID	NOT NULL	NUMBER	Foreign key to the KRSC_SKILLS table. The Skill the User has.
PROFICIENCY_CODE	NOT NULL	VARCHAR2(30)	Lookup code for 'RSC - Skill Proficiency'. The Proficiency that the User has at the Skill.

### Indexes

Index Name	Index Type	Sequence	Column Name
KRSC_RESOURCE_SKILLS_N1	NOT UNIQUE	1	USER_ID
KRSC_RESOURCE_SKILLS_N2	NOT UNIQUE	1	SKILL_ID
KRSC_RESOURCE_SKILLS_U1	UNIQUE	1	RESOURCE_SKILL_ID

### Sequences

Sequence Name	Column Name
KRSC_RESOURCE_SKILLS_S	RESOURCE_SKILL_ID



## KRSC\_RSC\_POOLS

This table contains the header information for a Resource Pool.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_REQUESTS	REQUEST_ID	INITIATION_REQUEST_ID
KNTA_ENTITIES	ENTITY_ID	LINKED_ENTITY_ID
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	USER_DATA_SET_CONTEXT_ID
KNTA_PERIODS	PERIOD_ID	START_PERIOD_ID
KNTA_PERIODS	PERIOD_ID	END_PERIOD_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KPMO_PROGRAMS	PROGRAM_ID	LINKED_ENTITY_PRIMARY_KEY
KRSC_ORG_UNITS	ORG_UNIT_ID	LINKED_ENTITY_PRIMARY_KEY

### Column Descriptions

Column Name	Null?	Data Type	Description
RSC_POOL_ID	NOT NULL	NUMBER	System-generated identifier
RSC_POOL_NAME	NOT NULL	VARCHAR2(100)	User-defined name for the 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
ENTITY_LAST_UPDATE_DATE	NOT NULL	DATE	Date a record in the entity was last updated
STATUS_CODE	NOT NULL	VARCHAR2(30)	Lookup code for 'RSC_POOL_STATUS'
DESCRIPTION	NULL	VARCHAR2(250)	User defined description for the Resource Pool
INITIATION_REQUEST_ID	NULL	NUMBER	Foreign key to the Request used to initiate the creation of this Resource Pool.
ACTIVE_FLAG	NOT NULL	VARCHAR2(1)	Either 'Y' or 'N'. Informational and does not drive any functionality.
LINKED_ENTITY_ID	NULL	NUMBER	Entity id of the Entity for which this Resource Pool was created. A Resource Pool can be created for a Program, an Organization Unit or Unspecified (null).
LINKED_ENTITY_PRIMARY_KEY	NULL	NUMBER	The primary key id of the entity for which this Resource Pool was created. Can be null, a Program id, or a Organization Unit id.
START_PERIOD_ID	NOT NULL	NUMBER	Foreign key to the KNTA_PERIODS table. References the period in which this Resource Pool starts.
END_PERIOD_ID	NOT NULL	NUMBER	Foreign key to the KNTA_PERIODS table. References the last period that this Resource Pool spans.
USER_DATA_SET_CONTEXT_ID	NULL	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA1	NULL	VARCHAR2(250)	User data segment
USER_DATA2	NULL	VARCHAR2(250)	User data segment

Column Name	Null?	Data Type	Description
VISIBLE_USER_DATA2	NULL	VARCHAR2 (250)	User data segment
USER_DATA3	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA3	NULL	VARCHAR2 (250)	User data segment
USER_DATA4	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA4	NULL	VARCHAR2 (250)	User data segment
USER_DATA5	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA5	NULL	VARCHAR2 (250)	User data segment
USER_DATA6	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA6	NULL	VARCHAR2 (250)	User data segment
USER_DATA7	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA7	NULL	VARCHAR2 (250)	User data segment
USER_DATA8	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA8	NULL	VARCHAR2 (250)	User data segment
USER_DATA9	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA9	NULL	VARCHAR2 (250)	User data segment
USER_DATA10	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA10	NULL	VARCHAR2 (250)	User data segment
USER_DATA11	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA11	NULL	VARCHAR2 (250)	User data segment
USER_DATA12	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA12	NULL	VARCHAR2 (250)	User data segment
USER_DATA13	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA13	NULL	VARCHAR2 (250)	User data segment
USER_DATA14	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA14	NULL	VARCHAR2 (250)	User data segment
USER_DATA15	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA15	NULL	VARCHAR2 (250)	User data segment
USER_DATA16	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA16	NULL	VARCHAR2 (250)	User data segment
USER_DATA17	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA17	NULL	VARCHAR2 (250)	User data segment
USER_DATA18	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA18	NULL	VARCHAR2 (250)	User data segment
USER_DATA19	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA19	NULL	VARCHAR2 (250)	User data segment
USER_DATA20	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA20	NULL	VARCHAR2 (250)	User data segment

*Indexes*

Index Name	Index Type	Sequence	Column Name
KRSC_RSC_POOLS_N1	NOT UNIQUE	1	INITIATION_REQUEST_ID
KRSC_RSC_POOLS_N2	NOT UNIQUE	1	START_PERIOD_ID
KRSC_RSC_POOLS_N3	NOT UNIQUE	1	END_PERIOD_ID
KRSC_RSC_POOLS_U1	UNIQUE	1	RSC_POOL_ID
KRSC_RSC_POOLS_U2	UNIQUE	1	RSC_POOL_NAME

*Sequences*

Sequence Name

Column Name

---

KRSC\_RSC\_POOLS\_S

---

RSC\_POOL\_ID

## KRSC\_RSC\_POOL\_ACCESS

This table defines which users have access to modify the parent Resource Pool.

### 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
KRSC_RSC_POOLS	RSC_POOL_ID	RSC_POOL_ID

### Column Descriptions

Column Name	Null?	Data Type	Description
RSC_POOL_ACCESS_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
RSC_POOL_ID	NOT NULL	NUMBER	Foreign key to the Resource Pool for which access is being defined.
USER_ID	NOT NULL	NUMBER	Foreign key to KNTA_USERS. The User that is given access to the Resource Pool.
EDIT_BASIC_INFO	NOT NULL	VARCHAR2(1)	Flag to determine if the User can edit the header information of the Resource Pool.
EDIT_PLAN_INFO	NOT NULL	VARCHAR2(1)	Flag to determine if the User can edit the Resource Pool lines and Resource Pool Period.
EDIT_SECURITY	NOT NULL	VARCHAR2(1)	Flag to determine if the User can edit the Access to the Resource Pool. (I.E. this table)

### Indexes

Index Name	Index Type	Sequence	Column Name
KRSC_RSC_POOL_ACCESS_N1	NOT UNIQUE	1	RSC_POOL_ID
KRSC_RSC_POOL_ACCESS_N2	NOT UNIQUE	1	USER_ID
KRSC_RSC_POOL_ACCESS_U1	UNIQUE	1	RSC_POOL_ACCESS_ID

### Sequences

Sequence Name	Column Name
KRSC_RSC_POOL_ACCESS_S	RSC_POOL_ACCESS_ID

## KRSC\_RSC\_POOL\_LINES

Table contains a row for each Skill and/or Resource added to a Resource Pool.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
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
KNTA_USERS	USER_ID	USER_ID
KRSC_RSC_POOLS	RSC_POOL_ID	RSC_POOL_ID
KRSC_SKILLS	SKILL_ID	SKILL_ID

### Column Descriptions

Column Name	Null?	Data Type	Description
RSC_POOL_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
RSC_POOL_ID	NOT NULL	NUMBER	Foreign key to the parent Resource Pool for which these lines belong.
SKILL_ID	NOT NULL	NUMBER	Foreign key to the Skills table. Each line in a Resource Pool must have an associated Skill.
USER_ID	NULL	NUMBER	Foreign key to the Users table. Each line in a Resource Pool can have a specific user that will provide the required skill.
USER_COMMENT	NULL	VARCHAR2(250)	Not configurable. Always null.
STATUS_CODE	NULL	VARCHAR2(30)	Not configurable. Always null.
USER_DATA_SET_CONTEXT_ID	NULL	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA1	NULL	VARCHAR2(250)	User data segment
USER_DATA2	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA2	NULL	VARCHAR2(250)	User data segment
USER_DATA3	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA3	NULL	VARCHAR2(250)	User data segment
USER_DATA4	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA4	NULL	VARCHAR2(250)	User data segment
USER_DATA5	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA5	NULL	VARCHAR2(250)	User data segment
USER_DATA6	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA6	NULL	VARCHAR2(250)	User data segment
USER_DATA7	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA7	NULL	VARCHAR2(250)	User data segment
USER_DATA8	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA8	NULL	VARCHAR2(250)	User data segment
USER_DATA9	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA9	NULL	VARCHAR2(250)	User data segment
USER_DATA10	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA10	NULL	VARCHAR2(250)	User data segment

Column Name	Null?	Data Type	Description
USER_DATA11	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA11	NULL	VARCHAR2 (250)	User data segment
USER_DATA12	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA12	NULL	VARCHAR2 (250)	User data segment
USER_DATA13	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA13	NULL	VARCHAR2 (250)	User data segment
USER_DATA14	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA14	NULL	VARCHAR2 (250)	User data segment
USER_DATA15	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA15	NULL	VARCHAR2 (250)	User data segment
USER_DATA16	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA16	NULL	VARCHAR2 (250)	User data segment
USER_DATA17	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA17	NULL	VARCHAR2 (250)	User data segment
USER_DATA18	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA18	NULL	VARCHAR2 (250)	User data segment
USER_DATA19	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA19	NULL	VARCHAR2 (250)	User data segment
USER_DATA20	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA20	NULL	VARCHAR2 (250)	User data segment

*Indexes*

Index Name	Index Type	Sequence	Column Name
KRSC_RSC_POOL_LINES_N1	NOT UNIQUE	1	RSC_POOL_ID
KRSC_RSC_POOL_LINES_N2	NOT UNIQUE	1	SKILL_ID
KRSC_RSC_POOL_LINES_N3	NOT UNIQUE	1	USER_ID
KRSC_RSC_POOL_LINES_U1	UNIQUE	1	RSC_POOL_LINE_ID

*Sequences*

Sequence Name	Column Name
KRSC_RSC_POOL_LINES_S	RSC_POOL_LINE_ID

## KRSC\_RSC\_POOL\_LINE\_CELLS

This table contains a row for each Period defined in the Resource Pool for each Resource Pool Line. Each cell contains the number of full time equivalents the Skill (and/or Resource) will be available in each Period.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_PERIODS	PERIOD_ID	PERIOD_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KRSC_RSC_POOL_LINES	RSC_POOL_LINE_ID	RSC_POOL_LINE_ID

### Column Descriptions

Column Name	Null?	Data Type	Description
RSC_POOL_LINE_CELL_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
RSC_POOL_LINE_ID	NOT NULL	NUMBER	Foreign key to the parent Resource Line.
PERIOD_ID	NOT NULL	NUMBER	Foreign key to KNTA_PERIODS. The Period of time for which the full time equivalent defined will be available.
PLANNED_FTE	NULL	NUMBER	The number of Full Time Equivalents that will be available in the time period for the Resource Pool Line.

### Indexes

Index Name	Index Type	Sequence	Column Name
KRSC_RSC_POOL_LINE_CELLS_N1	NOT UNIQUE	1	RSC_POOL_LINE_ID
KRSC_RSC_POOL_LINE_CELLS_N2	NOT UNIQUE	1	RSC_POOL_LINE_ID
KRSC_RSC_POOL_LINE_CELLS_N2	NOT UNIQUE	2	PERIOD_ID
KRSC_RSC_POOL_LINE_CELLS_U1	UNIQUE	1	RSC_POOL_LINE_CELL_ID

### Sequences

Sequence Name	Column Name
KRSC_RSC_POOL_LINE_CELLS_S	RSC_POOL_LINE_CELL_ID

## KRSC\_RSC\_POOL\_PERIOD\_SUM

This table stores the resource pool sum by monthly period, org unit and skill id.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_PERIODS	PERIOD_ID	PERIOD_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KRSC_ORG_UNITS	ORG_UNIT_ID	ORG_UNIT_ID
KRSC_SKILLS	SKILL_ID	SKILL_ID
KTMG_PERIODS	PERIOD_ID	PERIOD_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
ORG_UNIT_ID	NOT NULL	NUMBER	The org unit that the resource pool FTE rolls up to.
SKILL_ID	NOT NULL	NUMBER	The skill ID of this period that rolls up to the org unit.
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

### 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	ORG_UNIT_ID
KRSC_RSC_POOL_PERIOD_SUM_U2	UNIQUE	2	SKILL_ID
KRSC_RSC_POOL_PERIOD_SUM_U2	UNIQUE	3	PERIOD_ID

### Sequences

Sequence Name	Column Name
KRSC_RSC_POOL_PERIOD_SUM_S	RSC_POOL_PERIOD_SUM_ID



## KRSC\_RSC\_POOL\_TXN\_HIST

For future use. This table gets updated each time a column/row in the KRSC\_RSC\_POOLS table gets updated. Not yet implemented.

### 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_RSC_POOLS	RSC_POOL_ID	RSC_POOL_ID

### Column Descriptions

Column Name	Null?	Data Type	Description
RSC_POOL_TXN_HIST_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
RSC_POOL_ID	NOT NULL	NUMBER	Foreign key the Resource Pool that was updated.
RSC_POOL_COLUMN_NAME	NOT NULL	VARCHAR2(32)	The column of the Resource Pool that was updated.
COLUMN_OLD_VALUE	NULL	VARCHAR2(250)	The old value of the column prior to update.
COLUMN_NEW_VALUE	NULL	VARCHAR2(250)	The new value of the column.

### Indexes

Index Name	Index Type	Sequence	Column Name
KRSC_RSC_POOL_TXN_HIST_N1	NOT UNIQUE	1	RSC_POOL_ID
KRSC_RSC_POOL_TXN_HIST_U1	UNIQUE	1	RSC_POOL_TXN_HIST_ID

### Sequences

Sequence Name	Column Name
KRSC_RSC_POOL_TXN_HIST_S	RSC_POOL_TXN_HIST_ID

# KRSC\_SKILLS

This table contains definitions for Skills.

## Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	USER_DATA_SET_CONTEXT_ID
KNTA_REGIONS	REGION_ID	REGION_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	CREATED_BY

## Column Descriptions

Column Name	Null?	Data Type	Description
SKILL_ID	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
SKILL_NAME	NOT NULL	VARCHAR2(200)	User defined name of the skill.
SKILL_CATEGORY_CODE	NULL	VARCHAR2(30)	Lookup code for 'RSC - Skill Category'
DESCRIPTION	NULL	VARCHAR2(300)	User defined description for the Skill.
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Either 'Y' or 'N'. Determines if this Skill can be chosen in Task Assignments, Resource Pool Lines, or Staffing Profile Lines.
USER_DATA_SET_CONTEXT_ID	NULL	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA1	NULL	VARCHAR2(200)	User data segment
USER_DATA2	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA2	NULL	VARCHAR2(200)	User data segment
USER_DATA3	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA3	NULL	VARCHAR2(200)	User data segment
USER_DATA4	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA4	NULL	VARCHAR2(200)	User data segment
USER_DATA5	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA5	NULL	VARCHAR2(200)	User data segment
USER_DATA6	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA6	NULL	VARCHAR2(200)	User data segment
USER_DATA7	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA7	NULL	VARCHAR2(200)	User data segment
USER_DATA8	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA8	NULL	VARCHAR2(200)	User data segment
USER_DATA9	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA9	NULL	VARCHAR2(200)	User data segment
USER_DATA10	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA10	NULL	VARCHAR2(200)	User data segment
USER_DATA11	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA11	NULL	VARCHAR2(200)	User data segment

Column Name	Null?	Data Type	Description
USER_DATA12	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA12	NULL	VARCHAR2 (200)	User data segment
USER_DATA13	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA13	NULL	VARCHAR2 (200)	User data segment
USER_DATA14	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA14	NULL	VARCHAR2 (200)	User data segment
USER_DATA15	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA15	NULL	VARCHAR2 (200)	User data segment
USER_DATA16	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA16	NULL	VARCHAR2 (200)	User data segment
USER_DATA17	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA17	NULL	VARCHAR2 (200)	User data segment
USER_DATA18	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA18	NULL	VARCHAR2 (200)	User data segment
USER_DATA19	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA19	NULL	VARCHAR2 (200)	User data segment
USER_DATA20	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA20	NULL	VARCHAR2 (200)	User data segment
AVERAGE_COST_RATE	NULL	NUMBER	The cost rate for the skill in the currency of the region of the skill
REGION_ID	NOT NULL	NUMBER	The region of the skill

#### Indexes

Index Name	Index Type	Sequence	Column Name
KRSC_SKILLS_N1	NOT UNIQUE	1	REGION_ID
KRSC_SKILLS_U1	UNIQUE	1	SKILL_ID
KRSC_SKILLS_U2	UNIQUE	1	SKILL_NAME

#### Sequences

Sequence Name	Column Name
KRSC_SKILLS_S	SKILL_ID

## KRSC\_SKILL\_RSC\_COST\_UPDATE

This table is used to store information required for updating various entities when a Skill Rate or Resource Rate is changed. This information is used by a service.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
<UNKNOWN>	<UNKNOWN>	SKILL_RSC_COST_UPDATE_ID
KCST_CURRENCIES	CURRENCY_ID	NEW_CURRENCY_ID
KCST_CURRENCIES	CURRENCY_ID	OLD_CURRENCY_ID
KDRV_PROJECTS	PROJECT_ID	TASK_ID
KNTA_USERS	USER_ID	RESOURCE_ID
KRSC_SKILLS	SKILL_ID	SKILL_ID

### Column Descriptions

Column Name	Null?	Data Type	Description
RESOURCE_ID	NULL	NUMBER	Identifier for the resource for which the rate has changed
OLD_COST_RATE	NULL	NUMBER	The old rate of the Skill or Resource
NEW_COST_RATE	NULL	NUMBER	The new rate of the Skill or Resource
TASK_ID	NOT NULL	NUMBER	Identifier for a Task that was locked the last time an update attempt was tried.
NUMBER_OF_ITERATIONS	NOT NULL	NUMBER	The number of times the service has tried to update the task identified by the TASK_ID column.
LAST_UPDATE_DATE	NOT NULL	DATE	Date record was last updated
OLD_CURRENCY_ID	NOT NULL	NUMBER	Identifier for the previous currency used by the Skill or Resource
NEW_CURRENCY_ID	NOT NULL	NUMBER	Identifier for the new currency used by the Skill or Resource
SKILL_ID	NULL	NUMBER	Identifier of the skill for which the rate has changed
SKILL_RSC_COST_UPDATE_ID	NOT NULL	NUMBER	System-generated identifier

### Indexes

Index Name	Index Type	Sequence	Column Name
KRSC_SKILL_RSC_COST_UPDATE_N1	NOT UNIQUE	1	TASK_ID
KRSC_SKILL_RSC_COST_UPDATE_N2	NOT UNIQUE	1	RESOURCE_ID
KRSC_SKILL_RSC_COST_UPDATE_N3	NOT UNIQUE	1	SKILL_ID
SYS_C00551618	UNIQUE	1	SKILL_RSC_COST_UPDATE_ID

### Sequences

Sequence Name	Column Name
KRSC_SKILL_RSC_COST_UPDATE_S	SKILL_RSC_COST_UPDATE_ID

## KRSC\_STAFF\_PROFS

This table defines the header information for Staffing Profiles.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_REQUESTS	REQUEST_ID	INITIATION_REQUEST_ID
KDRV_PROJECTS	PROJECT_ID	LINKED_ENTITY_PRIMARY_KEY
KNTA_ENTITIES	ENTITY_ID	LINKED_ENTITY_ID
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	USER_DATA_SET_CONTEXT_ID
KNTA_PERIODS	PERIOD_ID	END_PERIOD_ID
KNTA_PERIODS	PERIOD_ID	START_PERIOD_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KPMO_PROGRAMS	PROGRAM_ID	LINKED_ENTITY_PRIMARY_KEY
KRSC_ORG_UNITS	ORG_UNIT_ID	LINKED_ENTITY_PRIMARY_KEY
KRSC_RSC_POOLS	RSC_POOL_ID	DEFAULT_RSC_POOL_ID

### Column Descriptions

Column Name	Null?	Data Type	Description
STAFF_PROF_ID	NOT NULL	NUMBER	System-generated identifier
STAFF_PROF_NAME	NOT NULL	VARCHAR2(100)	User defined Staffing Profile name.
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
STATUS_CODE	NOT NULL	VARCHAR2(30)	Lookup code for 'STAFFING_PROFILE_STATUS'
DESCRIPTION	NULL	VARCHAR2(250)	User defined description for the Staffing Profile.
INITIATION_REQUEST_ID	NULL	NUMBER	Foreign key to the Request table. Will contain a Request Id if this Staffing Profile was initiated because of a Request.
WORKLOAD_CATEGORY_CODE	NULL	VARCHAR2(30)	Lookup code for 'RSC - Workload Category Code'
ACTIVE_FLAG	NOT NULL	VARCHAR2(1)	Either 'Y' or 'N'. Informational and does not drive any functionality.
LINKED_ENTITY_ID	NULL	NUMBER	The Entity type for which this Staffing Profile was created. Can be created for a Organization Unit, a Program or a Project.
LINKED_ENTITY_PRIMARY_KEY	NULL	NUMBER	Foreign key to the entity for which this Staffing Profile was created. Can be a Project Id, a Program Id, or an Organization Unit Id.
DEFAULT_RSC_POOL_ID	NULL	NUMBER	The Resource Pool that provides the capacity for the Staffing Profile.
ASSIGNMENT_FLAG	NOT NULL	VARCHAR2(1)	'Y' or 'N'. Determines if the Staffing Profile lines are considered load (i.e. Assignments) in Capacity visualizations.
START_PERIOD_ID	NOT NULL	NUMBER	Foreign key to the KNTA_PERIODS table. References the period in

Column Name	Null?	Data Type	Description
END_PERIOD_ID	NOT NULL	NUMBER	which this Staffing Profile starts. Foreign key to the KNTA_PERIODS table. References the last period that this Staffing Profile spans.
SHOW_ACTUALS_FLAG	NOT NULL	VARCHAR2(1)	'Y' or 'N'. Whether or not you want the Actual FTE cells to show up when viewing and modifying a Staffing Profile.
USER_DATA_SET_CONTEXT_ID	NULL	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA1	NULL	VARCHAR2(250)	User data segment
USER_DATA2	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA2	NULL	VARCHAR2(250)	User data segment
USER_DATA3	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA3	NULL	VARCHAR2(250)	User data segment
USER_DATA4	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA4	NULL	VARCHAR2(250)	User data segment
USER_DATA5	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA5	NULL	VARCHAR2(250)	User data segment
USER_DATA6	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA6	NULL	VARCHAR2(250)	User data segment
USER_DATA7	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA7	NULL	VARCHAR2(250)	User data segment
USER_DATA8	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA8	NULL	VARCHAR2(250)	User data segment
USER_DATA9	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA9	NULL	VARCHAR2(250)	User data segment
USER_DATA10	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA10	NULL	VARCHAR2(250)	User data segment
USER_DATA11	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA11	NULL	VARCHAR2(250)	User data segment
USER_DATA12	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA12	NULL	VARCHAR2(250)	User data segment
USER_DATA13	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA13	NULL	VARCHAR2(250)	User data segment
USER_DATA14	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA14	NULL	VARCHAR2(250)	User data segment
USER_DATA15	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA15	NULL	VARCHAR2(250)	User data segment
USER_DATA16	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA16	NULL	VARCHAR2(250)	User data segment
USER_DATA17	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA17	NULL	VARCHAR2(250)	User data segment
USER_DATA18	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA18	NULL	VARCHAR2(250)	User data segment
USER_DATA19	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA19	NULL	VARCHAR2(250)	User data segment
USER_DATA20	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA20	NULL	VARCHAR2(250)	User data segment
ENTRY_PERIOD_TYPE_ID	NOT NULL	NUMBER	Enter data quarterly or monthly.
ACTUALS_ROLLED_UP_FLAG	NOT NULL	VARCHAR2(1)	Y or N indicator flag showing whether actuals are rolled up

*Indexes*

Index Name	Index Type	Sequence	Column Name
KRSC_STAFF_PROFS_N1	NOT UNIQUE	1	DEFAULT_RSC_POOL_ID
KRSC_STAFF_PROFS_N2	NOT UNIQUE	1	INITIATION_REQUEST_ID
KRSC_STAFF_PROFS_N3	NOT UNIQUE	1	START_PERIOD_ID
KRSC_STAFF_PROFS_N4	NOT UNIQUE	1	END_PERIOD_ID
KRSC_STAFF_PROFS_N5	NOT UNIQUE	1	LINKED_ENTITY_PRIMARY_KEY
KRSC_STAFF_PROFS_N5	NOT UNIQUE	2	LINKED_ENTITY_ID
KRSC_STAFF_PROFS_U1	UNIQUE	1	STAFF_PROF_ID
KRSC_STAFF_PROFS_U2	UNIQUE	1	STAFF_PROF_NAME

*Sequences*

Sequence Name	Column Name
KRSC_STAFF_PROFS_S	STAFF_PROF_ID

## KRSC\_STAFF\_PROF\_ACCESS

This table defines which users have access to modify the parent Staffing Profile.

### Foreign Keys

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

### Column Descriptions

Column Name	Null?	Data Type	Description
STAFF_PROF_ACCESS_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	Foreign key to the Staffing Profile for which access is being defined.
USER_ID	NOT NULL	NUMBER	Foreign key to KNTA_USERS. The User that is given access to the Staffing Profile.
EDIT_BASIC_INFO	NOT NULL	VARCHAR2(1)	Flag to determine if the User can edit the header information of the Staffing Profile.
EDIT_PLAN_ACTUALS	NOT NULL	VARCHAR2(1)	Flag to determine if the User can edit the Staffing Profile lines and Staffing Profile Period.
EDIT_ACTUALS_ONLY	NOT NULL	VARCHAR2(1)	Flag to determine if the User can edit the actual efforts in the Staffing Profile lines.
EDIT_SECURITY	NOT NULL	VARCHAR2(1)	Flag to determine if the User can edit the Access to the Resource Pool. (I.E. this table)

### Indexes

Index Name	Index Type	Sequence	Column Name
KRSC_STAFF_PROF_ACCESS_N1	NOT UNIQUE	1	STAFF_PROF_ID
KRSC_STAFF_PROF_ACCESS_N2	NOT UNIQUE	1	USER_ID
KRSC_STAFF_PROF_ACCESS_U1	UNIQUE	1	STAFF_PROF_ACCESS_ID

### Sequences

Sequence Name	Column Name
KRSC_STAFF_PROF_ACCESS_S	STAFF_PROF_ACCESS_ID



# KRSC\_STAFF\_PROF\_LINES

Table contains a row for each Skill and/or Resource added to a Staffing Profile.

## Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
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
KNTA_USERS	USER_ID	USER_ID
KRSC_RSC_POOLS	RSC_POOL_ID	RSC_POOL_ID
KRSC_SKILLS	SKILL_ID	SKILL_ID
KRSC_STAFF_PROFS	STAFF_PROF_ID	STAFF_PROF_ID

## Column Descriptions

Column Name	Null?	Data Type	Description
STAFF_PROF_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
STAFF_PROF_ID	NOT NULL	NUMBER	Foreign key to the parent Staffing Profile for which these lines belong.
SKILL_ID	NULL	NUMBER	Foreign key to the Skills table. Each line in a Staffing Profile must have an associated Skill.
USER_ID	NULL	NUMBER	Foreign key to the Users table. Each line in a Staffing Profile can have a specific user that will provide the required skill.
RSC_POOL_ID	NULL	NUMBER	Foreign key to Resource Pools table. The Resource Pool from which this Skill or User is drawn.
USER_COMMENT	NULL	VARCHAR2(250)	User defined comment about the Skill assignment.
STATUS_CODE	NULL	VARCHAR2(30)	Not configurable. Always null.
USER_DATA_SET_CONTEXT_ID	NULL	NUMBER	Parameter set context identifier for the user data fields
USER_DATA1	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA1	NULL	VARCHAR2(250)	User data segment
USER_DATA2	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA2	NULL	VARCHAR2(250)	User data segment
USER_DATA3	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA3	NULL	VARCHAR2(250)	User data segment
USER_DATA4	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA4	NULL	VARCHAR2(250)	User data segment
USER_DATA5	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA5	NULL	VARCHAR2(250)	User data segment
USER_DATA6	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA6	NULL	VARCHAR2(250)	User data segment
USER_DATA7	NULL	VARCHAR2(250)	User data segment
VISIBLE_USER_DATA7	NULL	VARCHAR2(250)	User data segment
USER_DATA8	NULL	VARCHAR2(250)	User data segment

Column Name	Null?	Data Type	Description
VISIBLE_USER_DATA8	NULL	VARCHAR2 (250)	User data segment
USER_DATA9	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA9	NULL	VARCHAR2 (250)	User data segment
USER_DATA10	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA10	NULL	VARCHAR2 (250)	User data segment
USER_DATA11	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA11	NULL	VARCHAR2 (250)	User data segment
USER_DATA12	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA12	NULL	VARCHAR2 (250)	User data segment
USER_DATA13	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA13	NULL	VARCHAR2 (250)	User data segment
USER_DATA14	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA14	NULL	VARCHAR2 (250)	User data segment
USER_DATA15	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA15	NULL	VARCHAR2 (250)	User data segment
USER_DATA16	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA16	NULL	VARCHAR2 (250)	User data segment
USER_DATA17	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA17	NULL	VARCHAR2 (250)	User data segment
USER_DATA18	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA18	NULL	VARCHAR2 (250)	User data segment
USER_DATA19	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA19	NULL	VARCHAR2 (250)	User data segment
USER_DATA20	NULL	VARCHAR2 (250)	User data segment
VISIBLE_USER_DATA20	NULL	VARCHAR2 (250)	User data segment

*Indexes*

Index Name	Index Type	Sequence	Column Name
KRSC_STAFF_PROF_LINES_N1	NOT UNIQUE	1	STAFF_PROF_ID
KRSC_STAFF_PROF_LINES_N2	NOT UNIQUE	1	SKILL_ID
KRSC_STAFF_PROF_LINES_N3	NOT UNIQUE	1	USER_ID
KRSC_STAFF_PROF_LINES_N4	NOT UNIQUE	1	RSC_POOL_ID
KRSC_STAFF_PROF_LINES_U1	UNIQUE	1	STAFF_PROF_LINE_ID

*Sequences*

Sequence Name	Column Name
KRSC_STAFF_PROF_LINES_S	STAFF_PROF_LINE_ID

## KRSC\_STAFF\_PROF\_LINE\_CELLS

This table contains a row for each Period defined in the Staffing Profile for each Staffing Profile Line. Each cell contains the number of full time equivalents the Skill (and/or Resource) will be available in each Period.

### 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_STAFF_PROF_LINES	STAFF_PROF_LINE_ID	STAFF_PROF_LINE_ID
KTMG_PERIODS	PERIOD_ID	PERIOD_ID

### Column Descriptions

Column Name	Null?	Data Type	Description
STAFF_PROF_LINE_CELL_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_LINE_ID	NOT NULL	NUMBER	Foreign key to the parent Staffing Profile Line.
PERIOD_ID	NOT NULL	NUMBER	Foreign key to KNTA_PERIODS. The Period of time for which the full time equivalent defined is scheduled.
PLANNED_FTE	NULL	NUMBER	The scheduled number of FTEs for this Skill (or Skill/Resource).
ACTUAL_FTE	NULL	NUMBER	The actual number of FTEs that this Skill (or Skill/Resource) worked.

### Indexes

Index Name	Index Type	Sequence	Column Name
KRSC_STAFF_PROF_LINE_CELLS_N1	NOT UNIQUE	1	STAFF_PROF_LINE_ID
KRSC_STAFF_PROF_LINE_CELLS_N2	NOT UNIQUE	1	STAFF_PROF_LINE_ID
KRSC_STAFF_PROF_LINE_CELLS_N2	NOT UNIQUE	2	PERIOD_ID
KRSC_STAFF_PROF_LINE_CELLS_U1	UNIQUE	1	STAFF_PROF_LINE_CELL_ID

### Sequences

Sequence Name	Column Name
KRSC_STAFF_PROF_LINE_CELLS_S	STAFF_PROF_LINE_CELL_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_PERIODS	PERIOD_ID	PERIOD_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KRSC_STAFF_PROFS	STAFF_PROF_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.
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	NOT UNIQUE	1	STAFF_PROF_ID
KRSC_STAFF_PROF_PERIOD_SUM_N2	NOT UNIQUE	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	Column Name
KRSC_STAFF_PROF_PERIOD_SUM_S	STAFF_PROF_PERIOD_SUM_ID

## KRSC\_STAFF\_PROF\_TXN\_HIST

This table gets updated each time a column/row in the STATUS\_CODE of the KRSC\_STAFF\_PROFS table gets 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
KRSC_STAFF_PROFS	STAFF_PROF_ID	STAFF_PROF_ID

### Column Descriptions

Column Name	Null?	Data Type	Description
STAFF_PROF_TXN_HIST_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	Foreign key to the Staffing Profile that changed.
STAFF_PROF_COLUMN_NAME	NOT NULL	VARCHAR2(32)	The column in the Staffing Profile that changed. Always STATUS_CODE.
COLUMN_OLD_VALUE	NULL	VARCHAR2(250)	Old value of the column that changed.
COLUMN_NEW_VALUE	NULL	VARCHAR2(250)	New value of the column that changed.

### Indexes

Index Name	Index Type	Sequence	Column Name
KRSC_STAFF_PROF_TXN_HIST_N1	NOT UNIQUE	1	STAFF_PROF_ID
KRSC_STAFF_PROF_TXN_HIST_U1	UNIQUE	1	STAFF_PROF_TXN_HIST_ID

### Sequences

Sequence Name	Column Name
KRSC_STAFF_PROF_TXN_HIST_S	STAFF_PROF_TXN_HIST_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 Kintana 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
<UNKNOWN>	<UNKNOWN>	WORK_ITEM_ENTITY_ID
<UNKNOWN>	<UNKNOWN>	WORK_ITEM_ID
<UNKNOWN>	<UNKNOWN>	GROUP_ENTITY_ID
KCRT_FG_DEMAND_SCHEDULE_INT	GROUP_ID	GROUP_ID
KCRT_FG_MASTER_PROJ_REF_INT	GROUP_ID	GROUP_ID
KCRT_FG_PROG_ISSUE_INT	GROUP_ID	GROUP_ID
KCRT_FG_PROG_REFERENCE_INT	GROUP_ID	GROUP_ID
KCRT_FG_PROG_RESOURCE_REQ_INT	GROUP_ID	GROUP_ID
KCRT_FG_PROG_RISK_INT	GROUP_ID	GROUP_ID
KCRT_FG_PROG_SCOPE_CHANGE_INT	GROUP_ID	GROUP_ID
KCRT_FG_SLA_INT	GROUP_ID	GROUP_ID
KCRT_REQUESTS_INT	GROUP_ID	GROUP_ID
KCRT_REQUEST_DETAILS_INT	GROUP_ID	GROUP_ID
KCRT_REQ_HEADER_DETAILS_INT	GROUP_ID	GROUP_ID
KCRT_TABLE_ENTRIES_INT	GROUP_ID	GROUP_ID
KDLV_OM_DYNAMIC_SQL	GROUP_ID	GROUP_ID
KDLV_OM_TEMP	GROUP_ID	GROUP_ID
KDRV_PROJECTS_INT	GROUP_ID	GROUP_ID
KDRV_PROJECTS_TEMP	GROUP_ID	GROUP_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	USER_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KRSC_SKILLS	SKILL_ID	SKILL_ID
KWFL_WORKFLOW_STEPS_TEMP	GROUP_ID	GROUP_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(300)	The Request Id, the Task Name, or the Staffing Profile Line Cell Id
WORK_ITEM_ID	NOT NULL	NUMBER	Foreign key to Requests, Tasks, or Staffing Profile Line Cells.
USER_ID	NOT NULL	NUMBER	Foreign key to KNTA_USERS. The

Column Name	Null?	Data Type	Description
SKILL_ID	NOT NULL	NUMBER	User that is working on this assignment. Can be null. Foreign key to the KRSC_SKILLS table. The Skill used by the User working on this assignment. Cannot be null. Will point to the 'Unspecified' Skill if not specified.
GROUP_ENTITY_ID	NOT NULL	NUMBER	Foreign key to KNTA_ENTITIES. It is either the Request Type Entity Id, the Staffing Profile Entity Id, or the Project Entity Id (depending on if the Work Item Entity is a Request, a Task, or a Staffing Profile Line Cell)
GROUP_NAME	NOT NULL	VARCHAR2(300)	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.
WORKLOAD_CATEGORY_CODE	NULL	VARCHAR2(30)	Lookup code for 'RSC - Workload Category Code'
WORKLOAD_FLAG	NOT NULL	VARCHAR2(1)	'Y' or 'N'. Determines if this assignment should show up in workload visualizations.
PLAN_CALENDAR	NULL	VARCHAR2(4)	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	NULL	DATE	Scheduled Start Date (day and time) of the assignment.
PLAN_START_DAY	NULL	DATE	Scheduled Start Date at 00:00:00 hours.
PLAN_START_DAY_FRACTION	NULL	NUMBER	Fraction of first day that contributes to the scheduled duration.
PLAN_START_DAY_EFFORT	NULL	NUMBER	Number of hours scheduled on the first day of assignment.
PLAN_FINISH_DATE	NULL	DATE	Scheduled End Date (day and time) of the assignment.
PLAN_FINISH_DAY	NULL	DATE	Scheduled End Date at 00:00:00 hours.
PLAN_FINISH_DAY_FRACTION	NULL	NUMBER	Fraction of end day that contributes to the scheduled duration.
PLAN_FINISH_DAY_EFFORT	NULL	NUMBER	Number of hours scheduled on the last day of assignment.
PLAN_TOTAL_WORKDAYS	NULL	NUMBER	Scheduled duration.
PLAN_TOTAL_EFFORT	NULL	NUMBER	Scheduled Effort.
PLAN_WORKDAY_EFFORT	NULL	NUMBER	Number of hours scheduled to be worked on every day other than the first day or last day of the assignment.
ACTUAL_CALENDAR	NULL	VARCHAR2(4)	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	NULL	DATE	Actual Start Date (day and time) of the assignment.

Column Name	Null?	Data Type	Description
ACTUAL_START_DAY	NULL	DATE	Actual Start Date at 00:00:00 hours.
ACTUAL_START_DAY_FRACTION	NULL	NUMBER	Fraction of first day that contributes to the Actual duration.
ACTUAL_START_DAY_EFFORT	NULL	NUMBER	Number of hours actually worked the first day of assignment.
ACTUAL_FINISH_DATE	NULL	DATE	Actual End Date (day and time) of the assignment.
ACTUAL_FINISH_DAY	NULL	DATE	Actual End Date at 00:00:00 hours.
ACTUAL_FINISH_DAY_FRACTION	NULL	NUMBER	Fraction of end day that contributes to the Actual duration.
ACTUAL_FINISH_DAY_EFFORT	NULL	NUMBER	Number of hours actually worked the last day of assignment.
ACTUAL_TOTAL_WORKDAYS	NULL	NUMBER	Actual duration.
ACTUAL_TOTAL_EFFORT	NULL	NUMBER	Actual Effort.
ACTUAL_WORKDAY_EFFORT	NULL	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	NOT UNIQUE	1	WORK_ITEM_ENTITY_ID
KRSC_WORK_ITEM_ASSIGNMENTS_N1	NOT UNIQUE	2	WORK_ITEM_ID
KRSC_WORK_ITEM_ASSIGNMENTS_N10	NOT UNIQUE	1	PLAN_FINISH_DATE
KRSC_WORK_ITEM_ASSIGNMENTS_N11	NOT UNIQUE	1	ACTUAL_START_DATE
KRSC_WORK_ITEM_ASSIGNMENTS_N12	NOT UNIQUE	1	ACTUAL_FINISH_DATE
KRSC_WORK_ITEM_ASSIGNMENTS_N13	NOT UNIQUE	1	GROUP_ID
KRSC_WORK_ITEM_ASSIGNMENTS_N2	NOT UNIQUE	1	USER_ID
KRSC_WORK_ITEM_ASSIGNMENTS_N3	NOT UNIQUE	1	SKILL_ID
KRSC_WORK_ITEM_ASSIGNMENTS_N4	NOT UNIQUE	1	WORKLOAD_CATEGORY_CODE
KRSC_WORK_ITEM_ASSIGNMENTS_N5	NOT UNIQUE	1	PLAN_START_DAY
KRSC_WORK_ITEM_ASSIGNMENTS_N6	NOT UNIQUE	1	PLAN_FINISH_DAY
KRSC_WORK_ITEM_ASSIGNMENTS_N7	NOT UNIQUE	1	ACTUAL_START_DAY
KRSC_WORK_ITEM_ASSIGNMENTS_N8	NOT UNIQUE	1	ACTUAL_FINISH_DAY
KRSC_WORK_ITEM_ASSIGNMENTS_N9	NOT UNIQUE	1	PLAN_START_DATE
KRSC_WORK_ITEM_ASSIGNMENTS_U1	UNIQUE	1	WORK_ITEM_ASSIGNMENT_ID

#### Sequences

Sequence Name	Column Name
KRSC_WORK_ITEM_ASSIGNMENTS_S	WORK_ITEM_ASSIGNMENT_ID



# KTMG\_ACTIVITIES

This table stores information about Activities for Kintana's Time Management Module.

## 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
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
ACTIVITY_NAME	NOT NULL	VARCHAR2(80)	The name of the activity which this record represents
DESCRIPTION	NOT NULL	VARCHAR2(240)	The description of the activity which this record represents
DEFAULT_RATE_UNIT_CODE	NULL	VARCHAR2(30)	The identifier that identifies the default rate of the activity which this record represents
COST_RATE	NULL	NUMBER	Cost rate for the activity which this record represents
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flag that determines whether the current activity is enabled or not
CAPEX_OPEX_CODE	NULL	VARCHAR2(30)	Specify if the activity is a CAPEX or OPEX
CAPEX_CATEGORY_CODE	NULL	VARCHAR2(40)	Lookup code for 'TMG - Capex'. Determines the SOP-98-1 Category.

## Indexes

Index Name	Index Type	Sequence	Column Name
KTMG_ACTIVITIES_U1	UNIQUE	1	ACTIVITY_ID
KTMG_ACTIVITIES_U2	UNIQUE	1	ACTIVITY_NAME

## Sequences

Sequence Name	Column Name
KTMG_ACTIVITIES_S	ACTIVITY_ID

## KTMG\_ACTIVITY\_RULES

This table stores information about Activity Rules that are part of Kintana's 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
KTMG_ACTIVITIES	ACTIVITY_ID	ACTIVITY_ID

### Column Descriptions

Column Name	Null?	Data Type	Description
ACTIVITY_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
ACTIVITY_ID	NOT NULL	NUMBER	Activity identifier that identifies the activity in which this rule belongs to
WORK_ITEM_TYPE_CODE	NULL	VARCHAR2(30)	Identifier that identifies what type of work item this activity rule associates with
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flag that determines whether the current activity is enabled

### Indexes

Index Name	Index Type	Sequence	Column Name
KTMG_ACTIVITY_RULES_U1	UNIQUE	1	ACTIVITY_RULE_ID
KTMG_ACTIVITY_RULES_U2	UNIQUE	1	ACTIVITY_ID
KTMG_ACTIVITY_RULES_U2	UNIQUE	2	WORK_ITEM_TYPE_CODE

### Sequences

Sequence Name	Column Name
KTMG_ACTIVITY_RULES_S	ACTIVITY_RULE_ID

## KTMG\_CHARGE\_CODES

This table stores charge code data for use by Kintana's 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(80)	Name of the charge code record
DESCRIPTION	NOT NULL	VARCHAR2(240)	Description of the charge code record
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flag that determines whether the charge code is enabled
CHARGE_CODE_CATEGORY_CODE	NULL	VARCHAR2(30)	Identifier that identifies the category which the charge code belongs to
DEPARTMENT_CODE	NULL	VARCHAR2(30)	Department identifier of the charge code record
CLIENT_CODE	NULL	VARCHAR2(30)	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	Column Name
KTMG_CHARGE_CODES_S	CHARGE_CODE_ID

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## KTMG\_ORULE\_CHARGE\_CODES

This table stores information about Over-ride Rules associated with Charge Codes for Kintana's 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
KTMG_CHARGE_CODES	CHARGE_CODE_ID	CHARGE_CODE_ID
KTMG_OVERRIDE_RULES	VERRIDE_RULE_ID	VERRIDE_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
VERRIDE_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
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	VERRIDE_RULE_ID
KTMG_ORULE_CHARGE_CODES_U2	UNIQUE	2	CHARGE_CODE_ID

### Sequences

Sequence Name	Column Name
KTMG_ORULE_CHARGE_CODES_S	ORULE_CHARGE_CODE_ID

# KTMG\_OVERRIDE\_RULES

This table stores over-ride rules for Kintana's Time Management.

## Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_REQUESTS	REQUEST_ID	WORK_ITEM_ID
KCRT_REQUEST_TYPES	REQUEST_TYPE_ID	WORK_ITEM_SET_ID
KDLV_PACKAGES	PACKAGE_ID	WORK_ITEM_ID
KDRV_PROJECTS	PROJECT_ID	WORK_ITEM_ID
KDRV_PROJECTS	PROJECT_ID	WORK_ITEM_SET_ID
KNTA_REGIONS	REGION_ID	REGION_ID
KNTA_SECURITY_GROUPS	SECURITY_GROUP_ID	APPROVAL_ID
KNTA_SECURITY_GROUPS	SECURITY_GROUP_ID	BILLING_ID
KNTA_USERS	USER_ID	BILLING_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	APPROVAL_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KWFL_WORKFLOWS	WORKFLOW_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
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(80)	Name of the over-ride rule
DESCRIPTION	NULL	VARCHAR2(240)	Description of the over-ride rule
WORK_ITEM_TYPE_CODE	NULL	VARCHAR2(30)	Type identifier of the work item to which this rule belongs to
WORK_ITEM_SET_ID	NULL	NUMBER	Set identifier of the work set to which the work item belongs to
WORK_ITEM_ID	NULL	NUMBER	Work item identifier that identifies the work item to which the over-ride rule belongs to
DEPARTMENT_CODE	NULL	VARCHAR2(30)	Department identifier that identifies which department the over-ride rule applies to
RESOURCE_TITLE_CODE	NULL	VARCHAR2(30)	Title of the resource to which this over-ride rule belongs to
RATE_UNIT_CODE	NULL	VARCHAR2(30)	Identifier that identifies the rate unit
RATE	NULL	NUMBER	Rate for the over-ride rule
APPROVAL_TYPE_CODE	NULL	VARCHAR2(30)	Identifier that identifies the type of approval for the over-ride rule
APPROVAL_ID	NULL	NUMBER	Identifier for the approval for the over-ride rule
BILLING_TYPE_CODE	NULL	VARCHAR2(30)	Identifier that identifies the type of billing for the over-ride rule
BILLING_ID	NULL	NUMBER	Identifier for the billing of the over-ride rule
OVERRIDE_RESOURCE_CC_FLAG	NULL	VARCHAR2(1)	Flag that determines whether the resource charge code is over-ridden

Column Name	Null?	Data Type	Description
OVERRIDE_WORK_ALLOC_CC_FLAG	NULL	VARCHAR2(1)	Flag that determines whether the work allocation charge code is overridden
CHARGE_CODES_UPDATEABLE_FLAG	NULL	VARCHAR2(1)	Flag that determines whether the charge code for the over-ride rule is updatable
CHARGE_CODES_REQUIRED_FLAG	NULL	VARCHAR2(1)	Flag that determines whether a charge code is required for the over-ride rule
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flag that determines whether the current over-ride rule is enabled
REGION_ID	NULL	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	NOT UNIQUE	1	WORK_ITEM_TYPE_CODE
KTMG_OVERRIDE_RULES_N2	NOT UNIQUE	1	WORK_ITEM_SET_ID
KTMG_OVERRIDE_RULES_N3	NOT UNIQUE	1	WORK_ITEM_ID
KTMG_OVERRIDE_RULES_N4	NOT UNIQUE	1	RESOURCE_TITLE_CODE
KTMG_OVERRIDE_RULES_N5	NOT UNIQUE	1	DEPARTMENT_CODE
KTMG_OVERRIDE_RULES_U1	UNIQUE	1	OVERRIDE_RULE_ID
KTMG_OVERRIDE_RULES_U2	UNIQUE	1	OVERRIDE_RULE_NAME

*Sequences*

Sequence Name	Column Name
KTMG_OVERRIDE_RULES_S	OVERRIDE_RULE_ID

## KTMG\_PAGE\_COLUMNS

This table contains information for page columns for Kintana's Time Management Module

### 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(100)	Name of the page the column resides on
SEQ	NOT NULL	NUMBER	Sequence of the page column
COLUMN_NAME	NOT NULL	VARCHAR2(100)	Name of the page column
COLUMN_TITLE	NOT NULL	VARCHAR2(100)	Title of the page column
FIELD_WIDTH	NULL	NUMBER	Width of the field
NUMERIC_FLAG	NOT NULL	VARCHAR2(1)	Flag to determine whether the field is numeric
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flag to determine whether the page column is enabled

### Indexes

Index Name	Index Type	Sequence	Column Name
KTMG_PAGE_COLUMNS_U1	UNIQUE	1	PAGE_COLUMN_ID
KTMG_PAGE_COLUMNS_U2	UNIQUE	1	PAGE_NAME
KTMG_PAGE_COLUMNS_U2	UNIQUE	2	COLUMN_NAME
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	Column Name
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_PERIOD_TYPES	PERIOD_TYPE_ID	PERIOD_TYPE_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KTMG_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(80)	User defined name for the period.
PERIOD_TYPE_ID	NOT NULL	NUMBER	Foreign key to KTMG_PERIOD_TYPES table that determines the duration of the period.
START_DATE	NOT NULL	DATE	Date on which the period starts (inclusive).
END_DATE	NOT NULL	DATE	Date on which the period ends (inclusive).
SEQ	NOT NULL	NUMBER	The chronological order of the period with in the period type.

### Indexes

Index Name	Index Type	Sequence	Column Name
KTMG_PERIODS_N1	NOT UNIQUE	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	Column Name
KTMG_PERIODS_S	PERIOD_ID



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## 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(80)	User defined Period Type Name.
DESCRIPTION	NOT NULL	VARCHAR2(240)	User defined Description of the Period Type.
START_DAY_CODE	NULL	VARCHAR2(30)	The day of the week the Period Type commences. Monday for weekly and bi-weekly otherwise null.
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Determines if this Period Type is in use.
DURATION_CODE	NULL	VARCHAR2(30)	Code describing the length of time over which this Period Type extends.

### Indexes

Index Name	Index Type	Sequence	Column Name
KTMG_PERIOD_TYPES_N1	NOT UNIQUE	1	ENABLED_FLAG
KTMG_PERIOD_TYPES_U1	UNIQUE	1	PERIOD_TYPE_ID
KTMG_PERIOD_TYPES_U2	UNIQUE	1	PERIOD_TYPE_NAME

### Sequences

Sequence Name	Column Name
KTMG_PERIOD_TYPES_S	PERIOD_TYPE_ID

# KTMG\_POLICIES

Enter a description for KTMG\_POLICIES here, and verify the Temp Table\Flag is correct.

## Foreign Keys

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

## Column Descriptions

Column Name	Null?	Data Type	Description
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(80)	User defined name for the policy
DESCRIPTION	NULL	VARCHAR2(240)	Description of the policy
PERIOD_TYPE_ID	NOT NULL	NUMBER	Foreign key to KTMG_PERIOD_TYPES table that determines the duration of the period.
TIME_ENTRY_DURATION_CODE	NOT NULL	VARCHAR2(30)	Whether the user will be logging time by the day or some other defined period.
TIME_ENTRY_UNIT_CODE	NOT NULL	VARCHAR2(30)	If entering time by a Period, whether entering the time in hours or as a percent of the hours in the period.
PERIOD_HOURS_CALC_TYPE_CODE	NULL	VARCHAR2(30)	Lookup code for 'TMG - Time Period Calculation Types'. Determines how the number of hours in a period are calculated.
PERIOD_HOURS	NULL	NUMBER	Number of hours in the Period if the PERIOD_HOURS_CALC_TYPE_CODE is fixed.
WORKDAY_HOURS	NULL	NUMBER	Number of hours in a day if the PERIOD_HOURS_CALC_TYPE_CODE is the number of days times the hours in each day.
OVERRIDE_WORK_ALLOC_CC_FLAG	NOT NULL	VARCHAR2(1)	Either 'Y' or 'N'. Determines whether any existing Charge Codes for the Work Allocation will be overridden by the resource charge code.
DUPLICATE_ALLOWED_FLAG	NOT NULL	VARCHAR2(1)	Flag to specify duplicate time sheets (multiple time sheets for the same period) is allowed or not.
TIMESHEET_REQUIRED_FLAG	NOT NULL	VARCHAR2(1)	Flag to specify if the resource is required to fill in a time sheet.
MAX_HOURS_PER_DAY	NULL	NUMBER	Specifies allowed maximum total hours per day.
MAX_HOURS_PER_TIMESHEET	NULL	NUMBER	Specifies allowed maximum total hours per time sheet.
MIN_HOURS_PER_TIMESHEET	NULL	NUMBER	Specifies allowed minimum total

Column Name	Null?	Data Type	Description
MIN_MAX_HOURS_CALC_TYPE_CODE	NULL	VARCHAR2(30)	hours per time sheet. Lookup code for 'TMG - Time Period Calculation Types'. Determines how the number of hours in a period are calculated.
PREVENT_VIOLATION_FLAG	NOT NULL	VARCHAR2(1)	Flag to determine wheter the time sheet can be released when there is a violation on the policy.
GLOBAL_POLICY_FLAG	NOT NULL	VARCHAR2(1)	Specifies if the policy is the default policy for all resources without a policy.

*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	Column Name
KTMG_POLICIES_S	POLICY_ID

## KTMG\_POLICY\_CHARGE\_CODES

Enter a description for KTMG\_POLICY\_CHARGE\_CODES here, and verify the Temp Table\□  
Flag is correct.

### 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_CHARGE_CODES	CHARGE_CODE_ID	CHARGE_CODE_ID
KTMG_POLICIES	POLICY_ID	POLICY_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	Column Name
KTMG_POLICY_CHARGE_CODES_S	POLICY_CHARGE_CODE_ID

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## KTMG\_RESOURCE\_DELEGATIONS

This table defines dates over which one user can be substituted in for another user in the Time Management system for time sheet approvals.

### 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_USER_ID
KNTA_USERS	USER_ID	DELEGATED_TO_ID

### Column Descriptions

Column Name	Null?	Data Type	Description
RESOURCE_DELEGATION_ID	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_USER_ID	NOT NULL	NUMBER	Foreign key to Users table. Approver that is absent.
DELEGATED_TO_ID	NOT NULL	NUMBER	Foreign key to Users table. Substitute approver.
START_DATE	NULL	DATE	Date on which substitution begins (inclusive).
END_DATE	NULL	DATE	Date on which substitution concludes (inclusive).

### Indexes

Index Name	Index Type	Sequence	Column Name
KTMG_RESOURCE_DELEGATIONS_N1	NOT UNIQUE	1	RESOURCE_USER_ID
KTMG_RESOURCE_DELEGATIONS_N1	NOT UNIQUE	2	DELEGATED_TO_ID
KTMG_RESOURCE_DELEGATIONS_U1	UNIQUE	1	RESOURCE_DELEGATION_ID

### Sequences

Sequence Name	Column Name
KTMG_RESOURCE_DELEGATIONS_S	RESOURCE_DELEGATION_ID

## KTMG\_RESOURCE\_SETTINGS

This table defines the default characteristics for a User within the Time Management system.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_SECURITY_GROUPS	SECURITY_GROUP_ID	DEFAULT_APPROVAL_ID
KNTA_SECURITY_GROUPS	SECURITY_GROUP_ID	DEFAULT_BILLING_ID
KNTA_USERS	USER_ID	DEFAULT_APPROVAL_ID
KNTA_USERS	USER_ID	USER_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	DEFAULT_BILLING_ID
KTMG_POLICIES	POLICY_ID	POLICY_ID

### Column Descriptions

Column Name	Null?	Data Type	Description
RESOURCE_SETTING_ID	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	Foreign key to Users table. The User for which the defaults are being defined.
USERNAME	NOT NULL	VARCHAR2(200)	Username for the user_id as defined in the KNTA_USERS table.
DEFAULT_APPROVAL_TYPE_CODE	NULL	VARCHAR2(30)	Lookup code for 'TMG - Approval Types'. Time sheet can be approved by either an individual Resource, or all the Resources within a group.
DEFAULT_APPROVAL_ID	NULL	NUMBER	The User Id or Group Id of the Time Sheet approver.
DEFAULT_BILLING_TYPE_CODE	NULL	VARCHAR2(30)	Lookup code for 'TMG - Approval Types'. Billing can be approved by either an individual Resource, or all the Resources within a group.
DEFAULT_BILLING_ID	NULL	NUMBER	The User Id or Group Id of the Billing approver.
POLICY_ID	NULL	NUMBER	Foreign key to Time Sheet policy table.
NEVER_SEND_NOTIFICATIONS_FLAG	NOT NULL	VARCHAR2(1)	Specify whether the resource gets notifications like due and overdue

### Indexes

Index Name	Index Type	Sequence	Column Name
KTMG_RESOURCE_SETTINGS_N1	NOT UNIQUE	1	USERNAME
KTMG_RESOURCE_SETTINGS_U1	UNIQUE	1	RESOURCE_SETTING_ID
KTMG_RESOURCE_SETTINGS_U2	UNIQUE	1	USER_ID

*Sequences*

Sequence Name

Column Name

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KTMG\_RESOURCE\_SETTINGS\_S

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RESOURCE\_SETTING\_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_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
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(30)	Lookup code for 'TMG - Charge Code Filter Types'.
VALUE	NOT NULL	VARCHAR2(80)	The value (corresponding to the RESTRICTION_TYPE_CODE) that is allowed as a charge code.
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	'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	Column Name
KTMG_RES_GROUP_CC_RULES_S	RES_GROUP_CC_RULE_ID



# KTMG\_STATUS\_TRANSACTIONS

Enter a description for KTMG\_STATUS\_TRANSACTIONS here, and verify the Temp Table Flag is correct.

## Foreign Keys

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

## Column Descriptions

Column Name	Null?	Data Type	Description
STATUS_TRANSACTION_ID	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_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.
SOURCE_TYPE	NOT NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
OLD_STATUS_CODE	NULL	VARCHAR2(30)	Old status code prior to the transaction
NEW_STATUS_CODE	NULL	VARCHAR2(30)	New status code generated after the transaction

## Indexes

Index Name	Index Type	Sequence	Column Name
KTMG_STATUS_TRANSACTIONS_N1	NOT UNIQUE	1	SOURCE_ID
KTMG_STATUS_TRANSACTIONS_N1	NOT UNIQUE	2	SOURCE_TYPE
KTMG_STATUS_TRANSACTIONS_U1	UNIQUE	1	STATUS_TRANSACTION_ID

## Sequences

Sequence Name	Column Name
KTMG_STATUS_TRANSACTIONS_S	STATUS_TRANSACTION_ID

## KTMG\_TIME\_SHEETS

This table stores information about time sheets for Kintana's Time Management Module.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_SECURITY_GROUPS	SECURITY_GROUP_ID	APPROVAL_ID
KNTA_SECURITY_GROUPS	SECURITY_GROUP_ID	BILLING_ID
KNTA_USERS	USER_ID	APPROVAL_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	RESOURCE_USER_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	BILLING_ID
KTMG_PERIODS	PERIOD_ID	PERIOD_ID

### Column Descriptions

Column Name	Null?	Data Type	Description
TIME_SHEET_ID	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
RESOURCE_USER_ID	NOT NULL	NUMBER	Resource to which this time sheet belongs to (in User ID format)
SEQ	NOT NULL	NUMBER	Sequence of the time sheet
DESCRIPTION	NOT NULL	VARCHAR2(240)	Description of the time sheet
PERIOD_ID	NOT NULL	NUMBER	Identifier that identifies the period used for the time sheet
APPROVAL_TYPE_CODE	NULL	VARCHAR2(30)	Identifier that identifies the type of approval being used for the time sheet
APPROVAL_ID	NULL	NUMBER	Identifier to identify actual approval being used for the time sheet
BILLING_TYPE_CODE	NULL	VARCHAR2(30)	Identifier that identifies the type of billing used for the time sheet
BILLING_ID	NULL	NUMBER	Identifier to identify actualy billing used for the time sheet
LAST_APPROVED_BY	NULL	NUMBER	Resource that approved the time sheet
STATUS_CODE	NOT NULL	VARCHAR2(30)	Status code of the time sheet
MAX_HOURS_PER_DAY	NULL	NUMBER	Maximum Total Hours allowed per day on a time sheet
MAX_HOURS_PER_TIMESHEET	NULL	NUMBER	Maximum Total Hours allowed on a time sheet
MIN_HOURS_PER_TIMESHEET	NULL	NUMBER	Minimum Total Hours allowed on a time sheet
MIN_MAX_HOURS_CALC_TYPE_CODE	NULL	VARCHAR2(30)	Lookup code for 'TMG - Time Period Calculation Types'. Determines how the number of hours in a period are calculated.
PREVENT_VIOLATION_FLAG	NOT NULL	VARCHAR2(1)	Flag to determine wheter the time sheet can be released when there is a violation on the policy.
EXCEPTION_MESSAGE	NULL	VARCHAR2(2000)	List of exceptions in the time

Column Name	Null?	Data Type	Description
			sheet

*Indexes*

Index Name	Index Type	Sequence	Column Name
KTMG_TIME_SHEETS_N1	NOT UNIQUE	1	PERIOD_ID
KTMG_TIME_SHEETS_N2	NOT UNIQUE	1	RESOURCE_USER_ID
KTMG_TIME_SHEETS_U1	UNIQUE	1	TIME_SHEET_ID
KTMG_TIME_SHEETS_U2	UNIQUE	1	RESOURCE_USER_ID
KTMG_TIME_SHEETS_U2	UNIQUE	2	PERIOD_ID
KTMG_TIME_SHEETS_U2	UNIQUE	3	SEQ

*Sequences*

Sequence Name	Column Name
KTMG_TIME_SHEETS_S	TIME_SHEET_ID

# KTMG\_TIME\_SHEET\_LINES

This table stores information about Time Sheet Lines for Kintana's Time Management Module.

## Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
<UNKNOWN>	<UNKNOWN>	WORK_ITEM_ID
<UNKNOWN>	<UNKNOWN>	WORK_ITEM_SET_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KTMG_TIME_SHEETS	TIME_SHEET_ID	TIME_SHEET_ID

## Column Descriptions

Column Name	Null?	Data Type	Description
TIME_SHEET_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
TIME_SHEET_ID	NOT NULL	NUMBER	Identifier that identifies which time sheet this line is on
WORK_ITEM_ID	NOT NULL	NUMBER	Identifier that identifies which work item this time sheet line represents
WORK_ITEM_TYPE_CODE	NOT NULL	VARCHAR2(30)	Identifier that identifies the type of work item
WORK_ITEM_SET_ID	NULL	NUMBER	Identifier that identifies which set the work item belongs to
RATE_UNIT_CODE	NULL	VARCHAR2(30)	Identifier that identifies which type of rate is in use
RATE	NULL	NUMBER	Rate for the time sheet line
ACTUAL_RATE	NULL	NUMBER	Rate for the time sheet line with discounts taken into account
CHARGE_CODES_UPDATEABLE_FLAG	NULL	VARCHAR2(1)	Flag to determine if the charge code is updatable for the time sheet line
CHARGE_CODES_REQUIRED_FLAG	NULL	VARCHAR2(1)	Flag to determine if the charge code is required for the time sheet line
PARAMETER1	NULL	VARCHAR2(100)	Code for user defined parameter 1
VISIBLE_PARAMETER1	NULL	VARCHAR2(100)	Display for user defined parameter 1
PARAMETER2	NULL	VARCHAR2(100)	Code for user defined parameter 2
VISIBLE_PARAMETER2	NULL	VARCHAR2(100)	Display for user defined parameter 2
PARAMETER3	NULL	VARCHAR2(100)	Code for user defined parameter 3
VISIBLE_PARAMETER3	NULL	VARCHAR2(100)	Display for user defined parameter 3
PARAMETER4	NULL	VARCHAR2(100)	Code for user defined parameter 4
VISIBLE_PARAMETER4	NULL	VARCHAR2(100)	Display for user defined parameter 4
PARAMETER5	NULL	VARCHAR2(100)	Code for user defined parameter 5
VISIBLE_PARAMETERS5	NULL	VARCHAR2(100)	Display for user defined parameter 5
CURRENCY_ID	NULL	NUMBER	

*Indexes*

Index Name	Index Type	Sequence	Column Name
KTMG_TIME_SHEET_LINES_N1	NOT UNIQUE	1	WORK_ITEM_SET_ID
KTMG_TIME_SHEET_LINES_N1	NOT UNIQUE	2	WORK_ITEM_TYPE_CODE
KTMG_TIME_SHEET_LINES_N2	NOT UNIQUE	1	WORK_ITEM_ID
KTMG_TIME_SHEET_LINES_U1	UNIQUE	1	TIME_SHEET_LINE_ID
KTMG_TIME_SHEET_LINES_U2	UNIQUE	1	TIME_SHEET_ID
KTMG_TIME_SHEET_LINES_U2	UNIQUE	2	TIME_SHEET_LINE_ID
KTMG_TIME_SHEET_LINES_U3	UNIQUE	1	WORK_ITEM_ID
KTMG_TIME_SHEET_LINES_U3	UNIQUE	2	WORK_ITEM_TYPE_CODE
KTMG_TIME_SHEET_LINES_U3	UNIQUE	3	TIME_SHEET_ID

*Sequences*

Sequence Name	Column Name
KTMG_TIME_SHEET_LINES_S	TIME_SHEET_LINE_ID

## KTMG\_TIME\_SHEET\_LINE\_DETAILS

This table stores detailed information about a line in a time sheet in Kintana's Time Management Module.

### 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_ACTIVITIES	ACTIVITY_ID	ACTIVITY_ID
KTMG_TIME_SHEET_LINES	TIME_SHEET_LINE_ID	TIME_SHEET_LINE_ID

### Column Descriptions

Column Name	Null?	Data Type	Description
TIME_SHEET_LINE_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
TIME_SHEET_LINE_ID	NOT NULL	NUMBER	Identifier that identifies which line in the time sheet these details belong to
ACTUAL_DATE	NOT NULL	DATE	Actual date for the time sheet line
ACTUAL_UNIT_CODE	NOT NULL	VARCHAR2(30)	Identifier that identifies the type of unit for the time sheet line
ACTUAL_TIME	NOT NULL	NUMBER	Actual time for the time sheet line
ACTIVITY_ID	NULL	NUMBER	Identifier that identifies the activity the time sheet line

### Indexes

Index Name	Index Type	Sequence	Column Name
KTMG_TS_LINE_DETAILS_N1	NOT UNIQUE	1	TIME_SHEET_LINE_ID
KTMG_TS_LINE_DETAILS_U1	UNIQUE	1	TIME_SHEET_LINE_DETAIL_ID
KTMG_TS_LINE_DETAILS_U2	UNIQUE	1	TIME_SHEET_LINE_ID
KTMG_TS_LINE_DETAILS_U2	UNIQUE	2	TIME_SHEET_LINE_DETAIL_ID
KTMG_TS_LINE_DETAILS_U3	UNIQUE	1	TIME_SHEET_LINE_ID
KTMG_TS_LINE_DETAILS_U3	UNIQUE	2	ACTUAL_DATE
KTMG_TS_LINE_DETAILS_U3	UNIQUE	3	ACTIVITY_ID

### Sequences

Sequence Name	Column Name
KTMG_TIME_SHEET_LINE_DETAILS_S	TIME_SHEET_LINE_DETAIL_ID

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## KTMG\_TS\_LINE\_CHARGE\_CODES

This table stores information about

### 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_CHARGE_CODES	CHARGE_CODE_ID	CHARGE_CODE_ID
KTMG_TIME_SHEET_LINES	TIME_SHEET_LINE_ID	TIME_SHEET_LINE_ID

### Column Descriptions

Column Name	Null?	Data Type	Description
TS_LINE_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
TIME_SHEET_LINE_ID	NOT NULL	NUMBER	Identifier that identifies which time sheet line this charge code is associated with
CHARGE_CODE_ID	NOT NULL	NUMBER	Identifies what type of charge code this is
CHARGE_PERCENT	NOT NULL	NUMBER	Identifies the current charge percent

### Indexes

Index Name	Index Type	Sequence	Column Name
KTMG_TS_LINE_CHARGE_CODES_U1	UNIQUE	1	TS_LINE_CHARGE_CODE_ID
KTMG_TS_LINE_CHARGE_CODES_U2	UNIQUE	1	TIME_SHEET_LINE_ID
KTMG_TS_LINE_CHARGE_CODES_U2	UNIQUE	2	CHARGE_CODE_ID

### Sequences

Sequence Name	Column Name
KTMG_TS_LINE_CHARGE_CODES_S	TS_LINE_CHARGE_CODE_ID

# KTMG\_WORK\_ALLOCATIONS

This table stores information about Work Allocations for Kintana's Time Management Module.

## Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
<UNKNOWN>	<UNKNOWN>	WORK_ITEM_ID
<UNKNOWN>	<UNKNOWN>	WORK_ITEM_SET_ID
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	NULL	NUMBER	Identifier that identifies the work item set associated with the work item
WORK_ITEM_TYPE_CODE	NOT NULL	VARCHAR2(30)	Identifier that identifies the type of work item
TIME_UNIT_CODE	NOT NULL	VARCHAR2(30)	Identifier that identifies the type of time unit
ORIGINAL_BUDGETED_TIME	NULL	NUMBER	Original budgeted time for the work allocation
CURRENT_BUDGETED_TIME	NULL	NUMBER	Current budgeted time for the work allocation
STANDARD_DISCOUNT	NULL	NUMBER	Standard discount for the work allocation
BILLING_DISCOUNT	NULL	NUMBER	Billing discount for the work allocation
RESTRICT_RES_ACCESS_FLAG	NOT NULL	VARCHAR2(1)	Flag that determines if the work allocation has restricted access
STATUS_CODE	NOT NULL	VARCHAR2(30)	Status of the work allocation
CHARGE_CODES_UPDATEABLE_FLAG	NOT NULL	VARCHAR2(1)	Flag that determines if the charge code is updatable
CHARGE_CODES_REQUIRED_FLAG	NOT NULL	VARCHAR2(1)	Flag that determines if the charge code is required

## Indexes

Index Name	Index Type	Sequence	Column Name
KTMG_WORK_ALLOCATIONS_N1	NOT UNIQUE	1	WORK_ITEM_SET_ID
KTMG_WORK_ALLOCATIONS_N1	NOT UNIQUE	2	WORK_ITEM_TYPE_CODE
KTMG_WORK_ALLOCATIONS_U1	UNIQUE	1	WORK_ALLOCATION_ID
KTMG_WORK_ALLOCATIONS_U2	UNIQUE	1	WORK_ITEM_ID
KTMG_WORK_ALLOCATIONS_U2	UNIQUE	2	WORK_ITEM_TYPE_CODE



*Sequences*

Sequence Name

Column Name

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KTMG\_WORK\_ALLOCATIONS\_S

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WORK\_ALLOCATION\_ID

## KTMG\_WORK\_ALLOC\_CHARGE\_CODES

This table contains information about Work Allocation Charge Codes for Kintana's Time Management Module.

### 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_CHARGE_CODES	CHARGE_CODE_ID	CHARGE_CODE_ID
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
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	Column Name
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 Kintana's Time Management Module.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_PENDING_EXCEPTIONS	SOURCE_ID	SOURCE_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_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(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
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	Column Name
KTMG_WORK_ALLOC_RES_ACCESS_S	WORK_ALLOC_RES_ACCESS_ID

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## 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(30)	The last person to perform a check in
LAST_UPDATE_DATE	NOT NULL	DATE	Date of last check in
CREATED_BY	NOT NULL	VARCHAR2(30)	Person who created the file
CREATION_DATE	NOT NULL	DATE	Date the file was created
LOCKED_FLAG	NOT NULL	VARCHAR2(1)	Lock status of the file (Y/N)
REVISION_NUMBER	NOT NULL	VARCHAR2(30)	Revision number for the version of the file
LOG_MSG	NULL	VARCHAR2(200)	Log message for each revision checked into the Version Control
DESCRIPTION	NULL	VARCHAR2(200)	Description associated with the file
REFERENCE_ID	NULL	VARCHAR2(30)	The Reference number associated with each file (generally the Change Request number)
REFERENCE_TYPE_CODE	NULL	VARCHAR2(30)	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	NOT UNIQUE	1	FILE_ID
KVER_REVISIONS_N2	NOT UNIQUE	1	REVISION_NUMBER
KVER_REVISIONS_N3	NOT UNIQUE	1	LOCKED_FLAG
KVER_REVISIONS_U1	UNIQUE	1	REVISION_ID

### Sequences

Sequence Name	Column Name
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_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
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(50)	Name of the approval, which is also the default name of the defining workflow steps.
DESCRIPTION	NULL	VARCHAR2(240)	A description of the approval.
PRODUCT_SCOPE_CODE	NOT NULL	VARCHAR2(30)	Defined by lookup type PRODUCT_SCOPE_TYPE, and is either "AI", "RI", or "ALL".
RESULT_VALIDATION_ID	NOT NULL	NUMBER	Defines the possible values for the workflow step.
TIMEOUT_VALUE	NULL	NUMBER	The number of time units, given in TIMEOUT_UNIT_CODE, for the approval to timeout.
TIMEOUT_UNIT_CODE	NULL	VARCHAR2(30)	Unit of time for the Timeout of the approval. Can be "Minutes", "Hours", "Days", "Weeks", or "Weekdays". Defaults to "Days".
APPROVALS_REQUIRED_CODE	NOT NULL	VARCHAR2(30)	Defined by the lookup type APPROVALS_REQUIRED.
ICON_NAME	NULL	VARCHAR2(80)	Name of the GIF or JPG file that resides in the "icons" directory on the server which will be used to display this approval in the layout of the workflow.
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Only enabled approvals can be used to create workflow steps.
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.).
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.
USER_DATA_SET_CONTEXT_ID	NULL	NUMBER	Parameter set context identifier

Column Name	Null?	Data Type	Description
			for the user data fields.
USER_DATA1	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA1	NULL	VARCHAR2 (200)	User data segment
USER_DATA2	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA2	NULL	VARCHAR2 (200)	User data segment
USER_DATA3	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA3	NULL	VARCHAR2 (200)	User data segment
USER_DATA4	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA4	NULL	VARCHAR2 (200)	User data segment
USER_DATA5	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA5	NULL	VARCHAR2 (200)	User data segment
USER_DATA6	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA6	NULL	VARCHAR2 (200)	User data segment
USER_DATA7	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA7	NULL	VARCHAR2 (200)	User data segment
USER_DATA8	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA8	NULL	VARCHAR2 (200)	User data segment
USER_DATA9	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA9	NULL	VARCHAR2 (200)	User data segment
USER_DATA10	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA10	NULL	VARCHAR2 (200)	User data segment
USER_DATA11	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA11	NULL	VARCHAR2 (200)	User data segment
USER_DATA12	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA12	NULL	VARCHAR2 (200)	User data segment
USER_DATA13	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA13	NULL	VARCHAR2 (200)	User data segment
USER_DATA14	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA14	NULL	VARCHAR2 (200)	User data segment
USER_DATA15	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA15	NULL	VARCHAR2 (200)	User data segment
USER_DATA16	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA16	NULL	VARCHAR2 (200)	User data segment
USER_DATA17	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA17	NULL	VARCHAR2 (200)	User data segment
USER_DATA18	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA18	NULL	VARCHAR2 (200)	User data segment
USER_DATA19	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA19	NULL	VARCHAR2 (200)	User data segment
USER_DATA20	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA20	NULL	VARCHAR2 (200)	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

Column Name

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KWFL\_APPROVALS\_S

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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
KNTA_USERS	USER_ID	USER_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KWFL_APPROVAL_RECIPIENTS	APPROVAL_RECIPIENT_ID	DELEGATED_TO_RECIPIENT_ID
KWFL_STEP_TRANSACTIONS	STEP_TRANSACTION_ID	STEP_TRANSACTION_ID

### Column Descriptions

Column Name	Null?	Data Type	Description
APPROVAL_RECIPIENT_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user 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	NULL	NUMBER	This identifies the approval step transaction to which this approval recipient row belongs.
USER_ID	NOT NULL	NUMBER	This identifies the user authorized to vote for the given approval step transaction.
DELEGATED_FLAG	NOT NULL	VARCHAR2(1)	This specifies whether the user has delegated his vote to another user.
DELEGATED_TO_RECIPIENT_ID	NULL	NUMBER	This identifies the approval recipient row inserted when this user delegated his vote. This is a key into this same table.
RESULT_VALUE	NULL	VARCHAR2(200)	This specifies the hidden result value chosen by this user.
VISIBLE_RESULT_VALUE	NULL	VARCHAR2(200)	This specifies the displayed result value chosen by the user.

### Indexes

Index Name	Index Type	Sequence	Column Name
KWFL_APPROVAL_RECIPIENTS_N1	NOT UNIQUE	1	STEP_TRANSACTION_ID
KWFL_APPROVAL_RECIPIENTS_N1	NOT UNIQUE	2	USER_ID
KWFL_APPROVAL_RECIPIENTS_U1	UNIQUE	1	APPROVAL_RECIPIENT_ID

### Sequences

Sequence Name	Column Name
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(30)	The name of the condition, which may be up to 30 characters in length.
DESCRIPTION	NULL	VARCHAR2(240)	The optional description of the condition.
CONDITION_TYPE_CODE	NOT NULL	VARCHAR2(30)	One of 'AND', 'OR', 'SYNC', 'FIRST_LINE' and 'LAST_LINE', which are the values to represent the five possible condition types.
RESULT_VALIDATION_ID	NOT NULL	NUMBER	Seeded validation of the possible outcome values of this condition.
TIMEOUT_DAYS	NULL	NUMBER	Not used.
PRODUCT_SCOPE_CODE	NOT NULL	VARCHAR2(30)	Which Kintana product(s) workflows may use this condition. Defined by lookup type 'PRODUCT_SCOPE_TYPE'. May be 'AI', 'RI', or 'ALL'.
ICON_NAME	NULL	VARCHAR2(80)	Name of GIF or JPG file that resides in the icons directory on the server, which will be used to display this condition in graphical views of the workflow.
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Whether the condition can be used. Conditions are always enabled ('Y').

### Indexes

Index Name	Index Type	Sequence	Column Name
KWFL_CONDITIONS_U1	UNIQUE	1	CONDITION_ID
KWFL_CONDITIONS_U2	UNIQUE	1	CONDITION_NAME

*Sequences*

Sequence Name

Column Name

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KWFL\_CONDITIONS\_S

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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_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
KNTA_VALIDATIONS	VALIDATION_ID	RESULT_VALIDATION_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
EXECUTION_NAME	NOT NULL	VARCHAR2(50)	A unique name of an execution.
DESCRIPTION	NULL	VARCHAR2(240)	The description of the execution
EXECUTION_TYPE_CODE	NOT NULL	VARCHAR2(30)	Defined by the lookup type "EXECUTION_TYPE". It can be "PLSQL", "SQL", "TOKEN", "COMMAND" or "COMMAND_EXECUTION". When it is "COMMAND", the field WORKFLOW_COMMAND_ID specifies what command to execute.
WORKFLOW_COMMAND_ID	NULL	NUMBER	Defined the command to be executed. Only relevant when the EXECUTION_TYPE_CODE is "COMMAND".
EXECUTION	NULL	VARCHAR2(2000)	Relevant only when EXECUTION_TYPE_CODE is "PLSQL", "SQL", or "TOKEN". For "PLSQL", it contains a PL/SQL function name and parameters. For "SQL" it contains the SQL statement. For "TOKEN", it contains the token name including brackets.

Column Name	Null?	Data Type	Description
RESULT_VALIDATION_ID	NOT NULL	NUMBER	Defines the validation used for valid result values.
TIMEOUT_VALUE	NULL	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	NULL	VARCHAR2(30)	Unit of time for the Timeout of the execution decision. Can be "Minutes", "Hours", "Days", "Weeks", or "Weekdays". Defaults to "Days".
PRODUCT_SCOPE_CODE	NOT NULL	VARCHAR2(30)	Defined by the lookup type "PRODUCT_SCOPE_TYPE". It can be "ALL", "AI", or "RI".
PROCESSING_TYPE_CODE	NOT NULL	VARCHAR2(30)	Defined by the lookup type "PROCESSING_TYPE". It can be "IMMEDIATE" or "MANUAL".
ICON_NAME	NULL	VARCHAR2(80)	Name of the image file that resides in the icons directory of the server, which is used to display the execution in graphical views.
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Either 'Y' or 'N'. If set to 'N', no new workflow steps can be created based on that execution.
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.).
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.
USER_DATA_SET_CONTEXT_ID	NULL	NUMBER	Parameter set context identifier for the user data fields.
USER_DATA1	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA1	NULL	VARCHAR2(200)	User data segment
USER_DATA2	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA2	NULL	VARCHAR2(200)	User data segment
USER_DATA3	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA3	NULL	VARCHAR2(200)	User data segment
USER_DATA4	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA4	NULL	VARCHAR2(200)	User data segment
USER_DATA5	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA5	NULL	VARCHAR2(200)	User data segment
USER_DATA6	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA6	NULL	VARCHAR2(200)	User data segment
USER_DATA7	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA7	NULL	VARCHAR2(200)	User data segment
USER_DATA8	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA8	NULL	VARCHAR2(200)	User data segment
USER_DATA9	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA9	NULL	VARCHAR2(200)	User data segment
USER_DATA10	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA10	NULL	VARCHAR2(200)	User data segment
USER_DATA11	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA11	NULL	VARCHAR2(200)	User data segment
USER_DATA12	NULL	VARCHAR2(200)	User data segment

Column Name	Null?	Data Type	Description
VISIBLE_USER_DATA12	NULL	VARCHAR2 (200)	User data segment
USER_DATA13	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA13	NULL	VARCHAR2 (200)	User data segment
USER_DATA14	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA14	NULL	VARCHAR2 (200)	User data segment
USER_DATA15	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA15	NULL	VARCHAR2 (200)	User data segment
USER_DATA16	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA16	NULL	VARCHAR2 (200)	User data segment
USER_DATA17	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA17	NULL	VARCHAR2 (200)	User data segment
USER_DATA18	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA18	NULL	VARCHAR2 (200)	User data segment
USER_DATA19	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA19	NULL	VARCHAR2 (200)	User data segment
USER_DATA20	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA20	NULL	VARCHAR2 (200)	User data segment
SYNCHRONOUS_FLAG	NOT NULL	VARCHAR2 (1)	

*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	Column Name
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
KCRT_REQUESTS	REQUEST_ID	INSTANCE_SOURCE_SET_ID
KDLV_PACKAGES	PACKAGE_ID	CHILD_PACKAGE_ID
KDLV_PACKAGES	PACKAGE_ID	CHILD_PACKAGE_ID
KDLV_PACKAGES	PACKAGE_ID	INSTANCE_SOURCE_SET_ID
KENV_ENVIRONMENTS	ENVIRONMENT_ID	SOURCE_ENVIRONMENT_ID
KENV_ENVIRONMENTS	ENVIRONMENT_ID	DEST_ENVIRONMENT_ID
KNTA_REPORT_SUBMISSIONS	REPORT_SUBMISSION_ID	INSTANCE_SOURCE_SET_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	CREATED_BY
KWFL_PENDING_EXEC_OBJECTS	BATCH_ID	EXECUTION_BATCH_ID
KWFL_WORKFLOW_STEPS	WORKFLOW_STEP_ID	WORKFLOW_STEP_ID

### Column Descriptions

Column Name	Null?	Data Type	Description
PENDING_EXEC_CALLBACK_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user 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(30)	This column identifies whether the type of the entity using the workflow. Choices are "CR", "IR" and "REPORT" as specified by the lookup WF_INSTANCE_SOURCE_TYPE.
STEP_TXN_GROUP_IN_LIST	NOT NULL	VARCHAR2(2000)	This comma-separated list identifies the step transactions relevant to this execution callback.
WORKFLOW_STEP_ID	NOT NULL	NUMBER	This column identifies the step in the workflow to which this execution callback belongs.
RESULT_VALUE	NULL	VARCHAR2(200)	If the execution completed successfully, this holds the hidden result value. Valid values in this field are specified by the validation WF - Standard Execution Results.
VISIBLE_RESULT_VALUE	NULL	VARCHAR2(200)	If the execution completed successfully, this holds the result

Column Name	Null?	Data Type	Description
ERROR_VALUE	NULL	VARCHAR2(200)	value to be displayed to the user. Valid values in this field are specified by the validation WF - Standard Execution Results. 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	NULL	VARCHAR2(200)	If the execution completed in error, this holds the visible error value. These values are chosen among the meaning values of lookup WF_ERROR.
ERROR_MESSAGE	NULL	VARCHAR2(240)	If the execution completed in error, this holds the detailed information about the error.
VISIBLE_USER_STATUS_VALUE	NULL	VARCHAR2(200)	This is the NVL of VISIBLE_RESULT_VALUE, VISIBLE_ERROR_VALUE, and visible status. Additionally, the scheduled date or spawned concurrent request id, or spawned Package is appended to the VISIBLE_USER_STATUS_VALUE. This field is directly displayed in the status tabs of the Request and Package Detail windows.
EXECUTION_BATCH_ID	NULL	NUMBER	This identifies the set of command executions relevant to this callback.
CONCURRENT_REQUEST_ID	NULL	NUMBER	This identifies the concurrent request (if any) that was spawned by the execution.
CHILD_PACKAGE_ID	NULL	NUMBER	This identifies the Package (if any) that was spawned by the execution.
SOURCE_ENVIRONMENT_ID	NULL	NUMBER	This identifies the workflow step source environment id (if any) that was used during an execution.
DEST_ENVIRONMENT_ID	NULL	NUMBER	This identifies the workflow step destination environment id (if any) that was used during an execution.
CALLBACK_ATTEMPTS	NULL	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	Column Name
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
KCRT_REQUESTS	REQUEST_ID	SOURCE_ID
KDLV_PACKAGE_LINES	PACKAGE_LINE_ID	SOURCE_ID
KNTA_REPORT_SUBMISSIONS	REPORT_SUBMISSION_ID	SOURCE_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KWFL_STEP_TRANSACTIONS	STEP_TRANSACTION_ID	STEP_TRANSACTION_ID

### Column Descriptions

Column Name	Null?	Data Type	Description
PENDING_EXEC_OBJECT_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user 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_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(100)	This identifies the java class that should be run to perform the executions in the batch. The class is a subclass of ExecutionManager
SOURCE_ID	NOT NULL	NUMBER	This identifies the entity using the workflow. This can be a foreign key into the KDLV_PACKAGE_LINES, KCRT_REQUESTS, OR KNTA_REPORT_SUBMISSIONS tables.
SOURCE_TABLE	NOT NULL	VARCHAR2(30)	This is one of KDLV_PACKAGE_LINES, KCRT_REQUESTS, OR KNTA_REPORT_SUBMISSIONS. This column identifies the table on which SOURCE_ID is a foreign key.
START_DATE	NULL	DATE	Not used
COMPLETION_DATE	NULL	DATE	Not used



*Indexes*

Index Name	Index Type	Sequence	Column Name
KWFL_PENDING_EXEC_OBJECTS_N1	NOT UNIQUE	1	BATCH_ID
KWFL_PENDING_EXEC_OBJECTS_N2	NOT UNIQUE	1	EVENT_GROUP_ID
KWFL_PENDING_EXEC_OBJECTS_N3	NOT UNIQUE	1	STEP_TRANSACTION_ID
KWFL_PENDING_EXEC_OBJECTS_U1	UNIQUE	1	PENDING_EXEC_OBJECT_ID

*Sequences*

Sequence Name	Column Name
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
KCRT_REQUESTS	REQUEST_ID	SOURCE_ID
KCRT_REQUESTS	REQUEST_ID	SOURCE_SET_ID
KDLV_PACKAGES	PACKAGE_ID	SOURCE_SET_ID
KDLV_PACKAGE_LINES	PACKAGE_LINE_ID	SOURCE_ID
KNTA_ENTITIES	ENTITY_ID	ENTITY_ID
KNTA_SECURITY_GROUPS	SECURITY_GROUP_ID	SECURITY_GROUP_ID
KNTA_USERS	USER_ID	USER_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	CREATED_BY
KWFL_WORKFLOW_STEP_SECURITY	WORKFLOW_STEP_SECURITY_ID	WORKFLOW_STEP_SECURITY_ID

### Column Descriptions

Column Name	Null?	Data Type	Description
RESOLVED_SEC_TOKEN_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user 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_SET_ID	NOT NULL	NUMBER	Package ID or Request ID which uses this resolved token
SOURCE_ID	NULL	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(80)	Type of Step Security
USER_ID	NULL	NUMBER	Contains User ID if the token resolved to a User ID
SECURITY_GROUP_ID	NULL	NUMBER	Contains Security Group ID if the token resolved to a Security Group ID
OBSOLETE_FLAG	NULL	VARCHAR2(3)	Temporary flag used internally (should be set to N)
TOKEN	NULL	VARCHAR2(80)	The Token which resolved value is stored here

*Indexes*

Index Name	Index Type	Sequence	Column Name
KWFL_RESOLVED_SEC_TOKENS_N1	NOT UNIQUE	1	SOURCE_SET_ID
KWFL_RESOLVED_SEC_TOKENS_N1	NOT UNIQUE	2	ENTITY_ID
KWFL_RESOLVED_SEC_TOKENS_N2	NOT UNIQUE	1	USER_ID
KWFL_RESOLVED_SEC_TOKENS_N3	NOT UNIQUE	1	SECURITY_GROUP_ID
KWFL_RESOLVED_SEC_TOKENS_N4	NOT UNIQUE	1	WORKFLOW_STEP_SECURITY_ID
KWFL_RESOLVED_SEC_TOKENS_N5	NOT UNIQUE	1	TOKEN
KWFL_RESOLVED_SEC_TOKENS_U1	UNIQUE	1	RESOLVED_SEC_TOKEN_ID

*Sequences*

Sequence Name	Column Name
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
KCRT_REQUESTS	REQUEST_ID	TOP_INSTANCE_SOURCE_SET_ID
KCRT_REQUESTS	REQUEST_ID	CHILD_REQUEST_ID
KCRT_REQUESTS	REQUEST_ID	INSTANCE_SOURCE_ID
KCRT_REQUESTS	REQUEST_ID	TOP_INSTANCE_SOURCE_ID
KCRT_REQUESTS	REQUEST_ID	INSTANCE_SOURCE_SET_ID
KDLV_PACKAGES	PACKAGE_ID	TOP_INSTANCE_SOURCE_SET_ID
KDLV_PACKAGES	PACKAGE_ID	CHILD_PACKAGE_ID
KDLV_PACKAGES	PACKAGE_ID	INSTANCE_SOURCE_SET_ID
KDLV_PACKAGE_LINES	PACKAGE_LINE_ID	TOP_INSTANCE_SOURCE_ID
KDLV_PACKAGE_LINES	PACKAGE_LINE_ID	INSTANCE_SOURCE_ID
KENV_ENVIRONMENTS	ENVIRONMENT_ID	SOURCE_ENVIRONMENT_ID
KENV_ENVIRONMENTS	ENVIRONMENT_ID	DEST_ENVIRONMENT_ID
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	PARAMETER_SET_CONTEXT_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
KNTA_SCHEDULED_TASKS	SCHEDULED_TASK_ID	SCHEDULED_TASK_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KREL_DISTRIBUTIONS	DISTRIBUTION_ID	TOP_INSTANCE_SOURCE_ID
KREL_DISTRIBUTIONS	DISTRIBUTION_ID	INSTANCE_SOURCE_ID
KREL_DISTRIBUTIONS	DISTRIBUTION_ID	INSTANCE_SOURCE_SET_ID
KREL_DISTRIBUTIONS	DISTRIBUTION_ID	TOP_INSTANCE_SOURCE_SET_ID
KWFL_PENDING_EXEC_OBJECTS	BATCH_ID	EXECUTION_BATCH_ID
KWFL_PENDING_EXEC_OBJECTS	PENDING_EXEC_OBJECT_ID	PENDING_EXEC_OBJECT_ID
KWFL_STEP_TRANSACTIONS	STEP_TRANSACTION_ID	INSTANCE_SOURCE_ID
KWFL_STEP_TRANSACTIONS	STEP_TRANSACTION_ID	INSTANCE_SOURCE_SET_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
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

Column Name	Null?	Data Type	Description
WORKFLOW_INSTANCE_ID	NOT NULL	NUMBER	belongs. This is a foreign key into KWFL_WORKFLOW_INSTANCE_STEPS. This denormalized column identifies the instance of the workflow to which this step transaction belongs.
INSTANCE_SOURCE_SET_ID	NOT NULL	NUMBER	This denormalized column identifies the ID of the entity to which this step transaction belongs. This is a foreign key into KDLV_PACKAGES, KREL_DISTRIBUTIONS, KCRT_REQUESTS, KNTA_REPORT_SUBMISSIONS, or KWFL_STEP_TRANSACTIONS.
INSTANCE_SOURCE_TYPE_CODE	NOT NULL	VARCHAR2(30)	This denormalized column identifies whether the type of the entity using the workflow. Choices are "CR", "DIST", "IR", "REPORT", and "WORKFLOW" as specified by the lookup WF_INSTANCE_SOURCE_TYPE.
INSTANCE_SOURCE_ID	NOT NULL	NUMBER	This denormalized column identifies the ID of the detail entity using the workflow. In the case of "IR", "DIST", "REPORT" and "WORKFLOW", the value in this column is identical to that in INSTANCE_SOURCE_SET_ID.
TOP_INSTANCE_SOURCE_TYPE_CODE	NOT NULL	VARCHAR2(30)	This denormalized column identifies whether the type of the entity using the Top-Level workflow (Non-Subworkflow). Choices are "CR", "DIST", "IR", and "REPORT".
TOP_INSTANCE_SOURCE_SET_ID	NOT NULL	NUMBER	This denormalized column identifies the ID of the detail entity using the Top-Level workflow (Non-Subworkflow). This is a foreign key into KDLV_PACKAGES, KREL_DISTRIBUTIONS, KCRT_REQUESTS, KNTA_REPORT_SUBMISSIONS.
TOP_INSTANCE_SOURCE_ID	NOT NULL	NUMBER	This denormalized column identifies the ID of the detail entity using the Top-Level workflow (Non-Subworkflow). In the case of "IR", "DIST", "REPORT", the value in this column is identical to that in TOP_INSTANCE_SOURCE_SET_ID.
WORKFLOW_ID	NOT NULL	NUMBER	This denormalized column identifies the workflow that is being run.
WORKFLOW_STEP_ID	NOT NULL	NUMBER	This denormalized column identifies the step in the workflow to which this transaction belongs.
GROUP_ID	NULL	NUMBER	This identifies a set of step transactions that were triggered directly by the same event. These Step Transaction rows necessarily also share the same WORKFLOW_STEP_ID. This column is used internally by the Workflow Engine to update these transactions en mass.
STATUS	NOT NULL	VARCHAR2(30)	This specifies the current status of the step transaction. Choices are specified by the seeded lookup WF_TXN_STATUS.
RESET_FLAG	NOT NULL	VARCHAR2(1)	This flag marks whether this step transaction resulted in a reset in the workflow instance.

Column Name	Null?	Data Type	Description
SUB_WORKFLOW_FLAG	NOT NULL	VARCHAR2(1)	This flag marks whether this step transaction record is for a subworkflow step.
USER_COMMENT	NULL	VARCHAR2(240)	This holds the comments entered by the users updating this step transaction.
TIMEOUT_DATE	NULL	DATE	This specifies the final day by which this step transaction must complete.
CONCURRENT_REQUEST_ID	NULL	NUMBER	This identifies the concurrent request (if any) that was spawned by this step transaction.
RESULT_VALUE	NULL	VARCHAR2(200)	If this step transaction completed successfully, this holds the hidden result value. Valid values in this field are determined by the validation associated to the given workflow step.
VISIBLE_RESULT_VALUE	NULL	VARCHAR2(200)	If this step transaction completed successfully, this holds the result value to be displayed to the user. Valid values in this field are determined by the validation associated to the given workflow step.
ERROR_VALUE	NULL	VARCHAR2(200)	If this step transaction completed in error, this holds the hidden error value. These values are chosen among the codes of lookup WF_ERROR.
VISIBLE_ERROR_VALUE	NULL	VARCHAR2(200)	If this step transaction completed in error, this holds error value to be displayed to the user. These values are chosen among the meaning values of lookup WF_ERROR.
ERROR_MESSAGE	NULL	VARCHAR2(240)	If this step transaction completed in error, this holds the detailed information about the error.
USER_STATUS_VALUE	NULL	VARCHAR2(200)	This is the NVL of RESULT_VALUE, ERROR_VALUE, and STATUS.
VISIBLE_USER_STATUS_VALUE	NULL	VARCHAR2(200)	This is the NVL of VISIBLE_RESULT_VALUE, VISIBLE_ERROR_VALUE, and visible status. Additionally, the scheduled date or spawned concurrent request id, or spawned Package is appended to the VISIBLE_USER_STATUS_VALUE. This field is directly displayed in the status tabs of the Issue and Package Detail windows.
SCHEDULED_TASK_ID	NULL	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	NULL	NUMBER	This identifies the command execution that was created by this step transaction. This is a foreign key into KWFL_PENDING_EXEC_OBJECTS.
EXECUTION_BATCH_ID	NULL	NUMBER	This identifies a set of command executions being performed together. Step transactions

Column Name	Null?	Data Type	Description
CHILD_REQUEST_ID	NULL	NUMBER	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. This identifies the Request (if any) that was spawned by this step transaction.
CHILD_PACKAGE_ID	NULL	NUMBER	This identifies the Package (if any) that was spawned by this step transaction.
SOURCE_ENVIRONMENT_ID	NULL	NUMBER	This column specifies the source environment for the step transaction. It is read from the column SOURCE_ENVIRONMENT_ID in KWFL_WORKFLOW_STEPS.
DEST_ENVIRONMENT_ID	NULL	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	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update."
PARAMETER_SET_CONTEXT_ID	NULL	NUMBER	This identifies the context for this entity's parameters.
PARAMETER1	NULL	VARCHAR2(200)	Parameter set segment. This is used for command executions with parameters (i.e. ai_create_request).
VISIBLE_PARAMETER1	NULL	VARCHAR2(200)	Parameter set segment.
PARAMETER2	NULL	VARCHAR2(200)	Parameter set segment.
VISIBLE_PARAMETER2	NULL	VARCHAR2(200)	Parameter set segment.
PARAMETER3	NULL	VARCHAR2(200)	Parameter set segment.
VISIBLE_PARAMETER3	NULL	VARCHAR2(200)	Parameter set segment.
PARAMETER4	NULL	VARCHAR2(200)	Parameter set segment.
VISIBLE_PARAMETER4	NULL	VARCHAR2(200)	Parameter set segment.
PARAMETER5	NULL	VARCHAR2(200)	Parameter set segment.
VISIBLE_PARAMETER5	NULL	VARCHAR2(200)	Parameter set segment.
PARAMETER6	NULL	VARCHAR2(200)	Parameter set segment.
VISIBLE_PARAMETER6	NULL	VARCHAR2(200)	Parameter set segment.
PARAMETER7	NULL	VARCHAR2(200)	Parameter set segment.
VISIBLE_PARAMETER7	NULL	VARCHAR2(200)	Parameter set segment.
PARAMETER8	NULL	VARCHAR2(200)	Parameter set segment.
VISIBLE_PARAMETER8	NULL	VARCHAR2(200)	Parameter set segment.
PARAMETER9	NULL	VARCHAR2(200)	Parameter set segment.
VISIBLE_PARAMETER9	NULL	VARCHAR2(200)	Parameter set segment.
PARAMETER10	NULL	VARCHAR2(200)	Parameter set segment.
VISIBLE_PARAMETER10	NULL	VARCHAR2(200)	Parameter set segment.
PARAMETER11	NULL	VARCHAR2(200)	Parameter set segment.
VISIBLE_PARAMETER11	NULL	VARCHAR2(200)	Parameter set segment.
PARAMETER12	NULL	VARCHAR2(200)	Parameter set segment.
VISIBLE_PARAMETER12	NULL	VARCHAR2(200)	Parameter set segment.

Column Name	Null?	Data Type	Description
PARAMETER13	NULL	VARCHAR2 (200)	Parameter set segment.
VISIBLE_PARAMETER13	NULL	VARCHAR2 (200)	Parameter set segment.
PARAMETER14	NULL	VARCHAR2 (200)	Parameter set segment.
VISIBLE_PARAMETER14	NULL	VARCHAR2 (200)	Parameter set segment.
PARAMETER15	NULL	VARCHAR2 (200)	Parameter set segment.
VISIBLE_PARAMETER15	NULL	VARCHAR2 (200)	Parameter set segment.
PARAMETER16	NULL	VARCHAR2 (200)	Parameter set segment.
VISIBLE_PARAMETER16	NULL	VARCHAR2 (200)	Parameter set segment.
PARAMETER17	NULL	VARCHAR2 (200)	Parameter set segment.
VISIBLE_PARAMETER17	NULL	VARCHAR2 (200)	Parameter set segment.
PARAMETER18	NULL	VARCHAR2 (200)	Parameter set segment.
VISIBLE_PARAMETER18	NULL	VARCHAR2 (200)	Parameter set segment.
PARAMETER19	NULL	VARCHAR2 (200)	Parameter set segment.
VISIBLE_PARAMETER19	NULL	VARCHAR2 (200)	Parameter set segment.
PARAMETER20	NULL	VARCHAR2 (200)	Parameter set segment.
VISIBLE_PARAMETER20	NULL	VARCHAR2 (200)	Parameter set segment.
PARAMETER21	NULL	VARCHAR2 (200)	Parameter set segment.
VISIBLE_PARAMETER21	NULL	VARCHAR2 (200)	Parameter set segment.
PARAMETER22	NULL	VARCHAR2 (200)	Parameter set segment.
VISIBLE_PARAMETER22	NULL	VARCHAR2 (200)	Parameter set segment.
PARAMETER23	NULL	VARCHAR2 (200)	Parameter set segment.
VISIBLE_PARAMETER23	NULL	VARCHAR2 (200)	Parameter set segment.
PARAMETER24	NULL	VARCHAR2 (200)	Parameter set segment.
VISIBLE_PARAMETER24	NULL	VARCHAR2 (200)	Parameter set segment.
PARAMETER25	NULL	VARCHAR2 (200)	Parameter set segment.
VISIBLE_PARAMETER25	NULL	VARCHAR2 (200)	Parameter set segment.

*Indexes*

Index Name	Index Type	Sequence	Column Name
KWFL_STEP_TRANSACTIONS_N1	NOT UNIQUE	1	GROUP_ID
KWFL_STEP_TRANSACTIONS_N2	NOT UNIQUE	1	WORKFLOW_INSTANCE_ID
KWFL_STEP_TRANSACTIONS_N2	NOT UNIQUE	2	WORKFLOW_INSTANCE_STEP_ID
KWFL_STEP_TRANSACTIONS_N3	NOT UNIQUE	1	TIMEOUT_DATE
KWFL_STEP_TRANSACTIONS_N3	NOT UNIQUE	2	STATUS
KWFL_STEP_TRANSACTIONS_N4	NOT UNIQUE	1	TOP_INSTANCE_SOURCE_SET_ID
KWFL_STEP_TRANSACTIONS_N4	NOT UNIQUE	2	TOP_INSTANCE_SOURCE_TYPE_CODE
KWFL_STEP_TRANSACTIONS_N4	NOT UNIQUE	3	TOP_INSTANCE_SOURCE_ID
KWFL_STEP_TRANSACTIONS_N5	NOT UNIQUE	1	INSTANCE_SOURCE_SET_ID
KWFL_STEP_TRANSACTIONS_U1	UNIQUE	1	STEP_TRANSACTION_ID

*Sequences*

Sequence Name	Column Name
KWFL_STEP_TRANSACTIONS_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	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KWFL_STEP_TRANSACTIONS	STEP_TRANSACTION_ID	STEP_TRANSACTION_ID
KWFL_WORKFLOW_INSTANCES	WORKFLOW_INSTANCE_ID	WORKFLOW_INSTANCE_ID
KWFL_WORKFLOW_INSTANCE_STEPS	WORKFLOW_INSTANCE_STEP_ID	WORKFLOW_INSTANCE_STEP_ID

### Column Descriptions

Column Name	Null?	Data Type	Description
STEP_TRANSACTION_HISTORY_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NOT NULL	DATE	Date record was created
CREATED_BY	NOT NULL	NUMBER	Identifier for the user 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.
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(30)	This gives the hidden status value of the step transaction at the time this history row was created.
USER_COMMENT	NULL	VARCHAR2(240)	This gives the comments within the step transaction at the time this history row was created.
RESULT_VALUE	NULL	VARCHAR2(200)	This gives the hidden result of the step transaction at the time this history row was created.
VISIBLE_RESULT_VALUE	NULL	VARCHAR2(200)	This gives the displayed result of the step transaction at the time this history row was created.
ERROR_VALUE	NULL	VARCHAR2(200)	This gives the hidden error value of the step transaction at the time this history row was created.
VISIBLE_ERROR_VALUE	NULL	VARCHAR2(200)	This gives the displayed error value of the step transaction at the time this history row was created.
ERROR_MESSAGE	NULL	VARCHAR2(240)	This gives the error message for the step transaction at the time this history row was created.

*Indexes*

Index Name	Index Type	Sequence	Column Name
KWFL_STEP_TRANSACTION_HISTO_N1	NOT UNIQUE	1	WORKFLOW_INSTANCE_ID
KWFL_STEP_TRANSACTION_HISTO_N2	NOT UNIQUE	1	WORKFLOW_INSTANCE_STEP_ID
KWFL_STEP_TRANSACTION_HISTO_N3	NOT UNIQUE	1	STEP_TRANSACTION_ID
KWFL_STEP_TRANSACTION_HISTO_U1	UNIQUE	1	STEP_TRANSACTION_HISTORY_ID

*Sequences*

Sequence Name	Column Name
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
TRANSITION_TYPE_CODE	NOT NULL	VARCHAR2(30)	Defined by the lookup type WF_TRANSITION_TYPE. One of the following values: "SPECIFIC_VALUES", "OTHER_VALUES", "ALL_VALUES", "SPECIFIC_ERROR", "OTHER_ERRORS", "ALL_ERRORS".
OPERATOR_CODE	NULL	VARCHAR2(30)	Defined by the lookup type WF_TRANS_OPERATOR. One of the following "=", "!=". If the validation is a text field with the numeric mask set, or if it is a date field, then the following values are also possible: "<", ">", "<=", ">=".
RESULT_VALUE	NULL	VARCHAR2(200)	A value that is defined by the validation.
VISIBLE_RESULT_VALUE	NULL	VARCHAR2(200)	A value that is defined by the validation. This is the value that is shown to the user.
FROM_WORKFLOW_STEP_ID	NOT NULL	NUMBER	The ID of the source workflow step.
TO_WORKFLOW_STEP_ID	NOT NULL	NUMBER	The ID of the target workflow step.
DRAW_LABEL_POS	NULL	VARCHAR2(30)	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	NULL	VARCHAR2(1000)	A list of coordinates separated by ";". Each coordinate is a pair of integers, separated by a comma. Example: "100,200;300,400" defines two joints at positions (100,200) and (300,400). If NULL, a straight line is drawn from the source to the target step figure.
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator,

Column Name	Null?	Data Type	Description
REQUIRE_NOTE_FLAG	NULL	VARCHAR2(1)	provides additional information about the source of the external update Indicates whether the transition requires that the user enter a note

*Indexes*

Index Name	Index Type	Sequence	Column Name
KWFL_STEP_TRANSITIONS_N1	NOT UNIQUE	1	FROM_WORKFLOW_STEP_ID
KWFL_STEP_TRANSITIONS_N2	NOT UNIQUE	1	TO_WORKFLOW_STEP_ID
KWFL_STEP_TRANSITIONS_U1	UNIQUE	1	STEP_TRANSITION_ID

*Sequences*

Sequence Name	Column Name
KWFL_STEP_TRANSITIONS_S	STEP_TRANSITION_ID

# KWFL\_TRANSACTIONS\_INT

This table is used when you are migrating a Workflow from one Kintana instance to another.

## Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KCRT_REQUESTS	REQUEST_ID	INSTANCE_SOURCE_SET_ID
KCRT_REQUESTS	REQUEST_ID	INSTANCE_SOURCE_ID
KDLV_PACKAGES	PACKAGE_ID	INSTANCE_SOURCE_SET_ID
KDLV_PACKAGE_LINES	PACKAGE_LINE_ID	INSTANCE_SOURCE_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_USERS	USER_ID	DELEGATED_TO_USER_ID
KWFL_STEP_TRANSACTIONS	STEP_TRANSACTION_ID	CURRENT_STEP_TRANSACTION_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
KWFL_WORKFLOW_STEPS	WORKFLOW_STEP_ID	TO_WORKFLOW_STEP_ID

## Column Descriptions

Column Name	Null?	Data Type	Description
TRANSACTION_ID	NOT NULL	NUMBER	System-generated identifier
CREATION_DATE	NULL	DATE	Date record was created
CREATED_USERNAME	NOT NULL	VARCHAR2(200)	User that created the record.
CREATED_BY	NULL	NUMBER	Identifier for the user that created the record
LAST_UPDATE_DATE	NULL	DATE	Date record was last updated
LAST_UPDATED_USERNAME	NOT NULL	VARCHAR2(200)	User that last updated the record.
LAST_UPDATED_BY	NULL	NUMBER	Identifier for the user that last updated the record
EVENT	NOT NULL	VARCHAR2(40)	Identifies the transaction that the record is indented to perform
GROUP_ID	NULL	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	NULL	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	NULL	VARCHAR2(30)	Internal use only.
SOURCE	NULL	VARCHAR2(100)	A alpha-numeric string can be provided to indicate a group of records that need to be processed.
INSTANCE_SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	Describes the product that the interface is invoked on. Typically internal use only.
INSTANCE_SOURCE_SET_NUMBER	NULL	VARCHAR2(40)	Describes the source set number (e.g., request number, package number, etc.)
INSTANCE_SOURCE_SET_ID	NULL	NUMBER	Identifier for the source set (e.g., request id, package id, etc.)

Column Name	Null?	Data Type	Description
INSTANCE_SOURCE_LINE_SEQ	NULL	NUMBER	Line sequence number for the package lines.
INSTANCE_SOURCE_ID	NULL	NUMBER	Identifier for the source line (e.g., package line id, etc)
WORKFLOW_STEP_NAME	NULL	VARCHAR2(80)	Step name of the workflow that needs to be processed.
WORKFLOW_STEP_SEQ	NULL	VARCHAR2(30)	Step sequence of the workflow that needs to be processed
RESULT_VALUE	NULL	VARCHAR2(200)	Hidden result value of the workflow transaction that user is initiating.
VISIBLE_RESULT_VALUE	NULL	VARCHAR2(200)	Visible result value of the workflow transaction that user is initiating.
USER_COMMENTS	NULL	VARCHAR2(200)	Comments that the user wants to attach to the notes field while processing the transaction.
DELEGATED_TO_USERNAME	NULL	VARCHAR2(200)	Describes the user name who this step needs to be delegated (In case the transaction is a delegation)
DELEGATED_TO_USER_ID	NULL	NUMBER	Describes the user ID who this step needs to be delegated (In case the transaction is a delegation)
SCHEDULE_DATE	NULL	DATE	While scheduling a task, this field will specify the date/time the task should start.
WORKFLOW_ID	NULL	NUMBER	Internal use only
WORKFLOW_INSTANCE_ID	NULL	NUMBER	Internal use only
WORKFLOW_STEP_ID	NULL	NUMBER	Identifier of the workflow step that needs to be processed.
WORKFLOW_INSTANCE_STEP_ID	NULL	NUMBER	Internal use only
CURRENT_STEP_TRANSACTION_ID	NULL	NUMBER	Internal use only
APPROVALS_REQUIRED_CODE	NULL	VARCHAR2(30)	Internal use only
EVENT_GROUP_ID	NULL	NUMBER	Internal use only
CMD_EXECUTION_SCHD_TASK_ID	NULL	NUMBER	Internal use only
TO_WORKFLOW_STEP_SEQ	NULL	VARCHAR2(30)	In case of force transition event, this describes the workflow step sequence to transition to.
TO_WORKFLOW_STEP_NAME	NULL	VARCHAR2(80)	In case of force transition event, this describes the workflow step name to transition to.
TO_WORKFLOW_STEP_ID	NULL	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	NOT UNIQUE	1	CMD_EXECUTION_SCHD_TASK_ID
KWFL_TRANSACTIONS_INT_N1	NOT UNIQUE	2	PROCESS_STATUS
KWFL_TRANSACTIONS_INT_N2	NOT UNIQUE	1	GROUP_ID
KWFL_TRANSACTIONS_INT_N2	NOT UNIQUE	2	PROCESS_PHASE
KWFL_TRANSACTIONS_INT_N2	NOT UNIQUE	3	PROCESS_STATUS
KWFL_TRANSACTIONS_INT_N2	NOT UNIQUE	4	EVENT
KWFL_TRANSACTIONS_INT_N3	NOT UNIQUE	1	WORKFLOW_ENGINE_BATCH_ID
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
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KWFL_STEP_TRANSACTIONS	STEP_TRANSACTION_ID	FROM_STEP_TRANSACTION_ID
KWFL_STEP_TRANSACTIONS	STEP_TRANSACTION_ID	TO_STEP_TRANSACTION_ID
KWFL_STEP_TRANSACTIONS	STEP_TRANSACTION_ID	RESET_STEP_TRANSACTION_ID
KWFL_WORKFLOW_INSTANCES	WORKFLOW_INSTANCE_ID	WORKFLOW_INSTANCE_ID
KWFL_WORKFLOW_INSTANCE_STEPS	WORKFLOW_INSTANCE_STEP_ID	TO_WORKFLOW_INSTANCE_STEP_ID
KWFL_WORKFLOW_STEPS	WORKFLOW_STEP_ID	TO_WORKFLOW_STEP_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
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	NULL	NUMBER	This denormalized column identifies the workflow instance to which this transition transaction belongs.
COMPLETION_GROUP_ID	NULL	NUMBER	This identifies the set of transitions that were generated from step transactions with the same GROUP_ID.
FROM_STEP_TRANSACTION_ID	NULL	NUMBER	This identifies the step transaction which resulted in this transition transaction.
TO_WORKFLOW_STEP_ID	NULL	NUMBER	This denormalized column identifies the step in the workflow to which the transition is moving.
TO_WORKFLOW_INSTANCE_STEP_ID	NULL	NUMBER	This denormalized column identifies the step in the instance of the workflow to which the transition is moving.
TO_STEP_TRANSACTION_ID	NULL	NUMBER	This identifies the step transaction which was created by this transition transaction.
RESET_STEP_TRANSACTION_ID	NULL	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	NOT UNIQUE	1	COMPLETION_GROUP_ID
KWFL_TRANSITION_TRANSACTION_N1	NOT UNIQUE	2	TO_WORKFLOW_STEP_ID
KWFL_TRANSITION_TRANSACTION_N2	NOT UNIQUE	1	FROM_STEP_TRANSACTION_ID
KWFL_TRANSITION_TRANSACTION_N3	NOT UNIQUE	1	TO_STEP_TRANSACTION_ID
KWFL_TRANSITION_TRANSACTION_U1	UNIQUE	1	TRANSITION_TRANSACTION_ID

*Sequences*

Sequence Name	Column Name
KWFL_TRANSITION_TRANSACTIONS_S	TRANSITION_TRANSACTION_ID
KWFL_COMPLETION_GROUP_ID_S	COMPLETION_GROUP_ID



## 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_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
KNTA_VALIDATIONS	VALIDATION_ID	RESULT_VALIDATION_ID
KWFL_WORKFLOW_STEPS	WORKFLOW_STEP_ID	FIRST_WORKFLOW_STEP_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(80)	The name of the workflow
DESCRIPTION	NULL	VARCHAR2(240)	The description of the workflow
PRODUCT_SCOPE_CODE	NOT NULL	VARCHAR2(30)	Either 'AI' for Deliver, 'RI' for Create or 'ALL' for all
FIRST_WORKFLOW_STEP_ID	NULL	NUMBER	The id of the workflow step that will be enabled when the workflow is instantiated
REOPEN_STEP_ID	NULL	NUMBER	The id of the workflow step that will be enabled when the workflow is reopened
RESTRICT_OBJECTS_FLAG	NULL	VARCHAR2(1)	When set to 'Y', all new object types are restricted from this workflow
FORCE_APP_CODE_FLAG	NOT NULL	VARCHAR2(1)	If 'Y', Forces the user to select an appcode for the object when adding a Request line.
RESTRICT_WORKFLOWS_FLAG	NULL	VARCHAR2(1)	When set to 'Y', all new workflows are restricted from this workflow
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Only enabled workflows can be used for new issues or change requests
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update.
USER_DATA_SET_CONTEXT_ID	NULL	NUMBER	Constant 1211
USER_DATA1	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA1	NULL	VARCHAR2(200)	User data segment

Column Name	Null?	Data Type	Description
USER_DATA2	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA2	NULL	VARCHAR2 (200)	User data segment
USER_DATA3	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA3	NULL	VARCHAR2 (200)	User data segment
USER_DATA4	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA4	NULL	VARCHAR2 (200)	User data segment
USER_DATA5	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA5	NULL	VARCHAR2 (200)	User data segment
USER_DATA6	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA6	NULL	VARCHAR2 (200)	User data segment
USER_DATA7	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA7	NULL	VARCHAR2 (200)	User data segment
USER_DATA8	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA8	NULL	VARCHAR2 (200)	User data segment
USER_DATA9	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA9	NULL	VARCHAR2 (200)	User data segment
USER_DATA10	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA10	NULL	VARCHAR2 (200)	User data segment
USER_DATA11	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA11	NULL	VARCHAR2 (200)	User data segment
USER_DATA12	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA12	NULL	VARCHAR2 (200)	User data segment
USER_DATA13	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA13	NULL	VARCHAR2 (200)	User data segment
USER_DATA14	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA14	NULL	VARCHAR2 (200)	User data segment
USER_DATA15	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA15	NULL	VARCHAR2 (200)	User data segment
USER_DATA16	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA16	NULL	VARCHAR2 (200)	User data segment
USER_DATA17	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA17	NULL	VARCHAR2 (200)	User data segment
USER_DATA18	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA18	NULL	VARCHAR2 (200)	User data segment
USER_DATA19	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA19	NULL	VARCHAR2 (200)	User data segment
USER_DATA20	NULL	VARCHAR2 (200)	User data segment
VISIBLE_USER_DATA20	NULL	VARCHAR2 (200)	User data segment
SUB_WORKFLOW_FLAG	NOT NULL	VARCHAR2 (1)	This flag indicates if the workflow is a subworkflow.
RESULT_VALIDATION_ID	NULL	NUMBER	In case of subworkflows, this validation will define the transitions coming out of the subworkflow step.
ICON_NAME	NULL	VARCHAR2 (80)	In case of subworkflows, the subworkflow step will be displayed with this icon.
USE_IN_RELEASE_DIST_FLAG	NOT NULL	VARCHAR2 (1)	This column is applicable only for Package Workflows. A package sub-workflow can be included in a Distribution workflow only when this column is set to 'Y' (Yes).
DEFAULT_CHILD_PKG_WF_ID	NULL	NUMBER	Identifier for the default package workflow for packages that are spawned by this workflow
DEFAULT_CHILD_REQ_RT_ID	NULL	NUMBER	Identifier for the default request

Column Name	Null?	Data Type	Description
RESTRICT_CHILD_REQ_RTS_FLAG	NULL	VARCHAR2(1)	type for requests that are spawned by this workflow 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	Column Name
KWFL_WORKFLOWS_S	WORKFLOW_ID

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## 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(30)	The command code to be fired by the workflow engine.
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether the particular command may be used on a workflow.

### Indexes

Index Name	Index Type	Sequence	Column Name
KWFL_WORKFLOW_COMMANDS_N1	NOT UNIQUE	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
KCRT_REQUESTS	REQUEST_ID	INSTANCE_SOURCE_SET_ID
KCRT_REQUESTS	REQUEST_ID	INSTANCE_SOURCE_ID
KCRT_REQUESTS	REQUEST_ID	TOP_INSTANCE_SOURCE_ID
KCRT_REQUESTS	REQUEST_ID	TOP_INSTANCE_SOURCE_SET_ID
KDLV_PACKAGES	PACKAGE_ID	INSTANCE_SOURCE_SET_ID
KDLV_PACKAGES	PACKAGE_ID	TOP_INSTANCE_SOURCE_SET_ID
KDLV_PACKAGE_LINES	PACKAGE_LINE_ID	INSTANCE_SOURCE_ID
KDLV_PACKAGE_LINES	PACKAGE_LINE_ID	TOP_INSTANCE_SOURCE_ID
KNTA_REPORT_SUBMISSIONS	REPORT_SUBMISSION_ID	TOP_INSTANCE_SOURCE_ID
KNTA_REPORT_SUBMISSIONS	REPORT_SUBMISSION_ID	INSTANCE_SOURCE_SET_ID
KNTA_REPORT_SUBMISSIONS	REPORT_SUBMISSION_ID	INSTANCE_SOURCE_ID
KNTA_REPORT_SUBMISSIONS	REPORT_SUBMISSION_ID	TOP_INSTANCE_SOURCE_SET_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KREL_DISTRIBUTIONS	DISTRIBUTION_ID	INSTANCE_SOURCE_ID
KREL_DISTRIBUTIONS	DISTRIBUTION_ID	TOP_INSTANCE_SOURCE_SET_ID
KREL_DISTRIBUTIONS	DISTRIBUTION_ID	INSTANCE_SOURCE_SET_ID
KREL_DISTRIBUTIONS	DISTRIBUTION_ID	TOP_INSTANCE_SOURCE_ID
KWFL_STEP_TRANSACTIONS	STEP_TRANSACTION_ID	INSTANCE_SOURCE_ID
KWFL_STEP_TRANSACTIONS	STEP_TRANSACTION_ID	INSTANCE_SOURCE_SET_ID
KWFL_WORKFLOWS	WORKFLOW_ID	WORKFLOW_ID

### Column Descriptions

Column Name	Null?	Data Type	Description
WORKFLOW_INSTANCE_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user 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
INSTANCE_SOURCE_SET_ID	NOT NULL	NUMBER	This denormalized column identifies the ID of the entity to which this step transaction belongs. This is a foreign key into KDLV_PACKAGES, KREL_DISTRIBUTIONS, KCRT_REQUESTS, KNTA_REPORT_SUBMISSIONS, or KWFL_STEP_TRANSACTIONS.
INSTANCE_SOURCE_TYPE_CODE	NOT NULL	VARCHAR2(30)	This denormalized column identifies whether the type of the entity using the workflow. Choices are "CR", "DIST", "IR", "REPORT", and "WORKFLOW" as specified by the lookup WF_INSTANCE_SOURCE_TYPE.

Column Name	Null?	Data Type	Description
INSTANCE_SOURCE_ID	NOT NULL	NUMBER	This denormalized column identifies the ID of the detail entity using the workflow. In the case of "IR", "DIST", "PI", "REPORT" and "WORKFLOW", the value in this column is identical to that in INSTANCE_SOURCE_SET_ID.
TOP_INSTANCE_SOURCE_TYPE_CODE	NOT NULL	VARCHAR2(30)	This denormalized column identifies whether the type of the entity using the Top-Level workflow (Non-Subworkflow). Choices are "CR", "DIST", "IR", and "REPORT".
TOP_INSTANCE_SOURCE_SET_ID	NOT NULL	NUMBER	This denormalized column identifies the ID of the detail entity using the Top-Level workflow (Non-Subworkflow). This is a foreign key into KDLV_PACAKGES, KREL_DISTRIBUTIONS, KCRT_REQUESTS, KNTA_REPORT_SUBMISSIONS.
TOP_INSTANCE_SOURCE_ID	NOT NULL	NUMBER	This denormalized column identifies the ID of the detail entity using the Top-Level workflow (Non-Subworkflow). In the case of "IR", "DIST", "PI" and "REPORT", the value in this column is identical to that in TOP_INSTANCE_SOURCE_SET_ID.
INSTANCE_NAME	NULL	VARCHAR2(30)	Not currently used
STATUS	NULL	VARCHAR2(30)	The current status of the entity within the workflow instance
COMPLETION_DATE	NULL	DATE	The timestamp on which a close step was reached in the workflow instance
CURRENT_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether or not the workflow instance matches the current workflow definition

#### Indexes

Index Name	Index Type	Sequence	Column Name
KWFL_WORKFLOW_INSTANCES_N1	NOT UNIQUE	1	INSTANCE_SOURCE_SET_ID
KWFL_WORKFLOW_INSTANCES_N1	NOT UNIQUE	2	INSTANCE_SOURCE_TYPE_CODE
KWFL_WORKFLOW_INSTANCES_N1	NOT UNIQUE	3	INSTANCE_SOURCE_ID
KWFL_WORKFLOW_INSTANCES_N2	NOT UNIQUE	1	WORKFLOW_ID
KWFL_WORKFLOW_INSTANCES_N3	NOT UNIQUE	1	INSTANCE_SOURCE_ID
KWFL_WORKFLOW_INSTANCES_N3	NOT UNIQUE	2	INSTANCE_SOURCE_TYPE_CODE
KWFL_WORKFLOW_INSTANCES_N4	NOT UNIQUE	1	COMPLETION_DATE
KWFL_WORKFLOW_INSTANCES_N5	NOT UNIQUE	1	TOP_INSTANCE_SOURCE_SET_ID
KWFL_WORKFLOW_INSTANCES_N5	NOT UNIQUE	2	TOP_INSTANCE_SOURCE_TYPE_CODE
KWFL_WORKFLOW_INSTANCES_N5	NOT UNIQUE	3	TOP_INSTANCE_SOURCE_ID
KWFL_WORKFLOW_INSTANCES_N6	NOT UNIQUE	1	TOP_INSTANCE_SOURCE_TYPE_CODE
KWFL_WORKFLOW_INSTANCES_N6	NOT UNIQUE	2	TOP_INSTANCE_SOURCE_ID
KWFL_WORKFLOW_INSTANCES_U1	UNIQUE	1	WORKFLOW_INSTANCE_ID

#### Sequences

Sequence Name	Column Name
KWFL_WORKFLOW_INSTANCES_S	WORKFLOW_INSTANCE_ID

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## 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
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KWFL_WORKFLOW_INSTANCES	WORKFLOW_INSTANCE_ID	WORKFLOW_INSTANCE_ID
KWFL_WORKFLOW_PARAMETERS	WORKFLOW_PARAMETER_ID	WORKFLOW_PARAMETER_ID

### Column Descriptions

Column Name	Null?	Data Type	Description
INSTANCE_PARAMETER_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user 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	NULL	NUMBER	References the parameter in the workflow definition for this instance
PARAMETER_VALUE	NULL	VARCHAR2(200)	Contains the actual value defined for the workflow instance parameter (this is the code, or id, portion of the value)
VISIBLE_PARAMETER_VALUE	NULL	VARCHAR2(200)	Contains the visible value defined for the workflow instance parameter

### Indexes

Index Name	Index Type	Sequence	Column Name
KWFL_WORKFLOW_INSTANCE_PARM_N1	NOT UNIQUE	1	WORKFLOW_INSTANCE_ID
KWFL_WORKFLOW_INSTANCE_PARM_U1	UNIQUE	1	INSTANCE_PARAMETER_ID

### Sequences

Sequence Name	Column Name
KWFL_WORKFLOW_INSTANCE_PARMS_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
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KWFL_STEP_TRANSACTIONS	STEP_TRANSACTION_ID	CURRENT_STEP_TRANSACTION_ID
KWFL_WORKFLOWS	WORKFLOW_ID	WORKFLOW_ID
KWFL_WORKFLOW_INSTANCES	WORKFLOW_INSTANCE_ID	WORKFLOW_INSTANCE_ID
KWFL_WORKFLOW_STEPS	WORKFLOW_STEP_ID	WORKFLOW_STEP_ID

### Column Descriptions

Column Name	Null?	Data Type	Description
WORKFLOW_INSTANCE_STEP_ID	NOT NULL	NUMBER	System-generated identifier
CREATED_BY	NOT NULL	NUMBER	Identifier for the user 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_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	NULL	NUMBER	This identifier points to the KWFL_STEP_TRANSACTIONS table, and indicates the most recent transaction that has occurred for a given instance step.
ACTIVE_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether the step is active or not. A step is active if it is pending some sort of action (e.g. if the step is eligible, or has not completed its outbound transition)
WORKFLOW_STEP_ID_PATH	NULL	VARCHAR2(200)	A KNTA_MULTI.Multi_Delimiter separated list of Workflow identifiers in the order of workflow hierarchy. This value is unique and used for identifying workflow steps.

### Indexes

Index Name	Index Type	Sequence	Column Name
KWFL_WORKFLOW_INSTANCE_STEP_N1	NOT UNIQUE	1	WORKFLOW_INSTANCE_ID
KWFL_WORKFLOW_INSTANCE_STEP_N2	NOT UNIQUE	1	WORKFLOW_STEP_ID
KWFL_WORKFLOW_INSTANCE_STEP_N3	NOT UNIQUE	1	WORKFLOW_STEP_ID_PATH
KWFL_WORKFLOW_INSTANCE_STEP_U1	UNIQUE	1	WORKFLOW_INSTANCE_STEP_ID



*Sequences*

Sequence Name

Column Name

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KWFL\_WORKFLOW\_INSTANCE\_STEPS\_S

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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_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KNTA_VALIDATIONS	VALIDATION_ID	VALIDATION_ID
KWFL_WORKFLOWS	WORKFLOW_ID	WORKFLOW_ID

### 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(30)	Descriptive name as shown in the GUI
TOKEN_NAME	NOT NULL	VARCHAR2(30)	The name of the token in all-upper-case and not including the brackets.
DESCRIPTION	NULL	VARCHAR2(240)	The description of the parameter
VALIDATION_ID	NOT NULL	NUMBER	Currently not used
DEFAULT_VALUE	NULL	VARCHAR2(200)	The default value
VISIBLE_DEFAULT_VALUE	NULL	VARCHAR2(200)	Same as DEFAULT_VALUE
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update

### Indexes

Index Name	Index Type	Sequence	Column Name
KWFL_WORKFLOW_PARAMETERS_N1	NOT UNIQUE	1	WORKFLOW_ID
KWFL_WORKFLOW_PARAMETERS_U1	UNIQUE	1	WORKFLOW_PARAMETER_ID

### Sequences

Sequence Name	Column Name
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	SOURCE_ENVIRONMENT_ID
KENV_ENVIRONMENTS	ENVIRONMENT_ID	DEST_ENVIRONMENT_ID
KENV_ENV_GROUPS	ENV_GROUP_ID	DEST_ENV_GROUP_ID
KENV_ENV_GROUPS	ENV_GROUP_ID	SOURCE_ENV_GROUP_ID
KNTA_PARAMETER_SET_CONTEXTS	PARAMETER_SET_CONTEXT_ID	USER_DATA_SET_CONTEXT_ID
KNTA_SECURITY_GROUPS	SECURITY_GROUP_ID	PARENT_ASSIGNED_TO_GROUP_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	PARENT_ASSIGNED_TO_USER_ID
KNTA_USERS	USER_ID	LAST_UPDATED_BY
KWFL_APPROVALS	APPROVAL_ID	STEP_SOURCE_ID
KWFL_CONDITIONS	CONDITION_ID	STEP_SOURCE_ID
KWFL_EXECUTIONS	EXECUTION_ID	STEP_SOURCE_ID
KWFL_VERIFICATION_TEMP	WORKFLOW_ID	WORKFLOW_ID
KWFL_WORKFLOWS	WORKFLOW_ID	WORKFLOW_ID
KWFL_WORKFLOWS	WORKFLOW_ID	STEP_SOURCE_ID
KWFL_WORKFLOW_PARAMETERS	WORKFLOW_PARAMETER_ID	RESULT_WORKFLOW_PARAMETER_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(30)	Defined by lookup STEP_TYPE ('APPROVAL', 'CONDITION', 'EXECUTION', or 'WORKFLOW')
STEP_SOURCE_ID	NULL	NUMBER	The ID of the approval, condition, execution, or workflow.
RESULT_WORKFLOW_PARAMETER_ID	NULL	NUMBER	The ID of the workflow parameter where the result is stored into
PRODUCT_SCOPE_CODE	NOT NULL	VARCHAR2(30)	Defined by lookup PRODUCT_SCOPE_CODE
PARENT_ASSIGNED_TO_USER_ID	NULL	NUMBER	When set, sets the assigned-to user for a request or package when this step becomes eligible
PARENT_ASSIGNED_TO_GROUP_ID	NULL	NUMBER	When set, sets the assigned-to group for a request or package when this step becomes eligible
PARENT_STATUS	NULL	VARCHAR2(30)	When set, sets the status of a request or package when this step

Column Name	Null?	Data Type	Description
SOURCE_ENVIRONMENT_ID	NULL	NUMBER	becomes eligible Defines the source environment, only used for executions
SOURCE_ENV_GROUP_ID	NULL	NUMBER	Defines the source environment group, only used for executions
DEST_ENVIRONMENT_ID	NULL	NUMBER	Defines the destination environment, only used for executions
DEST_ENV_GROUP_ID	NULL	NUMBER	Defines the destination environment group, only used for executions
OM_ARCHIVE_FLAG	NULL	VARCHAR2(1)	When 'Y' and the migrated object is an AOL object type, Object*Migrator will archive the object
AVERAGE_LEAD_TIME	NULL	NUMBER	In days. Purely informational
STEP_NAME	NOT NULL	VARCHAR2(80)	By default the same name as the name of the step source, but user can override it to something else.
JUMP_RECEIVE_LABEL_CODE	NULL	VARCHAR2(30)	Defines the label for the jump and receive steps. Jump/Receive can be performed if the steps have same label.
DESCRIPTION	NULL	VARCHAR2(240)	The description of the workflow
INFORMATION_URL	NULL	VARCHAR2(200)	Defines the URL where the 'hint' can be found for a step. When selected, the hint is displayed in the status tabs for relevant entities.
REQUEST_TYPE_LIST	NULL	VARCHAR2(200)	Defines the list of request types that can be used to create a request using the 'Create_Request' execution command. If left blank, all the request types will be available to create a request.
ACTION_BUTTON_LABEL	NULL	VARCHAR2(30)	When set, this text is used on the Action button on the Package, Request status panel. When blank the step name is used for the label.
SORT_ORDER	NOT NULL	NUMBER	Each step can have a unique sort order between 1 and the total number of workflow steps for one workflow. This determines the display sequence on Package, request status tabs.
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Only enabled workflow steps can have incoming transitions.
DISPLAY_TYPE_CODE	NOT NULL	VARCHAR2(30)	Determines whether the step will be displayed always, never or on active only.
DRAW_CENTER_POS	NULL	VARCHAR2(30)	X and Y coordinates of the workflow step icon when drawn by the workflow builder
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update
USER_DATA_SET_CONTEXT_ID	NULL	NUMBER	The constant 1212
USER_DATA1	NULL	VARCHAR2(200)	User data segment

Column Name	Null?	Data Type	Description
VISIBLE_USER_DATA1	NULL	VARCHAR2(200)	User data segment
USER_DATA2	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA2	NULL	VARCHAR2(200)	User data segment
USER_DATA3	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA3	NULL	VARCHAR2(200)	User data segment
USER_DATA4	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA4	NULL	VARCHAR2(200)	User data segment
USER_DATA5	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA5	NULL	VARCHAR2(200)	User data segment
USER_DATA6	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA6	NULL	VARCHAR2(200)	User data segment
USER_DATA7	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA7	NULL	VARCHAR2(200)	User data segment
USER_DATA8	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA8	NULL	VARCHAR2(200)	User data segment
USER_DATA9	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA9	NULL	VARCHAR2(200)	User data segment
USER_DATA10	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA10	NULL	VARCHAR2(200)	User data segment
USER_DATA11	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA11	NULL	VARCHAR2(200)	User data segment
USER_DATA12	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA12	NULL	VARCHAR2(200)	User data segment
USER_DATA13	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA13	NULL	VARCHAR2(200)	User data segment
USER_DATA14	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA14	NULL	VARCHAR2(200)	User data segment
USER_DATA15	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA15	NULL	VARCHAR2(200)	User data segment
USER_DATA16	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA16	NULL	VARCHAR2(200)	User data segment
USER_DATA17	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA17	NULL	VARCHAR2(200)	User data segment
USER_DATA18	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA18	NULL	VARCHAR2(200)	User data segment
USER_DATA19	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA19	NULL	VARCHAR2(200)	User data segment
USER_DATA20	NULL	VARCHAR2(200)	User data segment
VISIBLE_USER_DATA20	NULL	VARCHAR2(200)	User data segment
PERCENT_COMPLETE	NULL	NUMBER	When set, sets the percent complete of a request to this value when this step becomes eligible
RELEASE_IS_REQUIRED_FLAG	NOT NULL	VARCHAR2(1)	When set to 'Y' a valid Release should be entered while taking action on this step.
STEP_TIMEOUT_TYPE	NULL	VARCHAR2(50)	Timeout type. Could be a constant or token.
STEP_TIMEOUT_VALUE	NULL	VARCHAR2(200)	Numeric value for timeout.
STEP_TIMEOUT_UNIT_CODE	NULL	VARCHAR2(30)	Time out units. Could be minutes, hours, days, etc.
USE_SOURCE_TIMEOUT_FLAG	NOT NULL	VARCHAR2(1)	When this column is set to 'Y' the timeout properties of the step source is used.
ALLOWED_CHILD_PKG_WF_LIST	NULL	VARCHAR2(200)	A KNTA_MULTI.Multi_Delimiter separated list of package workflow identifiers that are allowed to be

Column Name	Null?	Data Type	Description
DEFAULT_CHILD_PKG_WF_ID	NULL	NUMBER	chosen for packages spawned by this workflow step The identifier for default package workflow to be chosen for packages spawned by this workflow step
DEFAULT_CHILD_REQ_RT_ID	NULL	NUMBER	The identifier for default request type to be chosen for requests spawned by this workflow step
REF_RELATIONSHIP_ID	NULL	NUMBER	Identifier for the referenced relationship for the newly spawned entity
STEP_AUTH_TYPE_CODE	NOT NULL	VARCHAR2(30)	Indicate the type of authorization is required for this creation step

#### Indexes

Index Name	Index Type	Sequence	Column Name
KWFL_WORKFLOW_STEPS_N1	NOT UNIQUE	1	WORKFLOW_ID
KWFL_WORKFLOW_STEPS_N1	NOT UNIQUE	2	SORT_ORDER
KWFL_WORKFLOW_STEPS_N2	NOT UNIQUE	1	STEP_SOURCE_ID
KWFL_WORKFLOW_STEPS_N2	NOT UNIQUE	2	STEP_TYPE_CODE
KWFL_WORKFLOW_STEPS_U1	UNIQUE	1	WORKFLOW_STEP_ID

#### Sequences

Sequence Name	Column Name
KWFL_WORKFLOW_STEPS_S	WORKFLOW_STEP_ID

## 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 kintana token or a user defined token can also be linked as security.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
KNTA_SECURITY_GROUPS	SECURITY_GROUP_ID	SECURITY_GROUP_ID
KNTA_USERS	USER_ID	CREATED_BY
KNTA_USERS	USER_ID	LAST_UPDATED_BY
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(30)	The code of the type of security linked to this step
SECURITY_GROUP_ID	NULL	NUMBER	The security group ID of the security group linked as security to this step
USER_ID	NULL	NUMBER	The user ID of the user linked as security to this step
TOKEN	NULL	VARCHAR2(80)	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	NULL	VARCHAR2(30)	Either 'STANDARD' if token linked is a standard kintana token or 'USER_DEFINED' if the token linked is user defined
SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	For records that have been updated by an interface or migrator, indicates the type of external update (specific interface or migrator name, etc.)
SOURCE	NULL	VARCHAR2(100)	For records that have been updated by an interface or migrator, provides additional information about the source of the external update

*Indexes*

Index Name	Index Type	Sequence	Column Name
KWFL_WORKFLOW_STEP_SECURITY_N1	NOT UNIQUE	1	SECURITY_GROUP_ID
KWFL_WORKFLOW_STEP_SECURITY_N1	NOT UNIQUE	2	WORKFLOW_STEP_ID
KWFL_WORKFLOW_STEP_SECURITY_N2	NOT UNIQUE	1	WORKFLOW_STEP_ID
KWFL_WORKFLOW_STEP_SECURITY_N2	NOT UNIQUE	2	SECURITY_GROUP_ID
KWFL_WORKFLOW_STEP_SECURITY_U1	UNIQUE	1	WORKFLOW_STEP_SECURITY_ID

*Sequences*

Sequence Name	Column Name
KWFL_WORKFLOW_STEP_SECURITY_S	WORKFLOW_STEP_SECURITY_ID



# Appendix A System Tables

This appendix contains a list of the temporary and intermediate tables used in the Mercury IT Governance Center schema which are not documented in detail in [Chapter 3, Table Definitions](#). Some of these tables are used for the temporary storage of data for internal processing; this data will be periodically deleted by system processing. Other tables are reserved for a future release.

Table A-1. System tables

Table Name	Description
KDLV_OBJECT_TYPES_INT	This table is used to migrate an object type from one Mercury IT Governance Center instance to another.
KDLV_OM_DYNAMIC_SQL	This table is used by the Object Migrator Remote Execution process.
KDLV_OM_TEMP	This table is used by the Object Migrator Remote Execution process.
KDLV_PATCH_REPORT_TMP	This is temporary table used when the Patch Application Comparison Report is run.
KENV_HOST_CLASS_MEMBERS_UPG	This table is used during the Change Management 1.7 to Change Management 2.0 upgrade to populate the contents of the KENV_HOST_CLASS_MEMBERS table.

Table A-1. System tables [continued]

Table Name	Description
KNTA_COMMANDS_INT	This table is used to migrate an object type or validation from one Mercury IT Governance Center instance to another.
KNTA_COMMAND_STEPS_INT	This table is used to migrate an object type or validation from one Mercury IT Governance Center instance to another.
KNTA_ENTITY_RESTRICTIONS_INT	This table is used to migrate an object type from one Mercury IT Governance Center instance to another.
KNTA_LOOKUPS_INT	This table is used to migrate an object type or validation from one Mercury IT Governance Center instance to another.
KNTA_NOTIFICATIONS_INT	This table is used to migrate an object type from one Mercury IT Governance Center instance to another.
KNTA_NOTIFICATIONS_TEMP	This table is used to store information about email notifications that are triggered by database events.
KNTA_NOTIFICATION_COLUMNS_INT	This table is used to migrate an object type from one Mercury IT Governance Center instance to another.
KNTA_NOTIFICATION_REC_INT	This table is used to migrate an object type from one Mercury IT Governance Center instance to another.
KNTA_PARAM_SET_CONTEXTS_INT	This table is used to migrate an object type from one Mercury IT Governance Center instance to another.
KNTA_PARAM_SET_FIELDS_INT	This table is used to migrate an object type from one Mercury IT Governance Center instance to another.
KNTA_VALIDATIONS_INT	This table is used to migrate a validation from one Mercury IT Governance Center instance to another.
KNTA_VAL_SQL_HEADERS_INT	This table is used to migrate a validation from one Mercury IT Governance Center instance to another.
KCRT_CONTACTS_INT	This table is not currently used.
KCRT_ISSUE_ID_TMP	This table is used when the Issue Summary Report is run.

Table A-1. System tables [continued]

Table Name	Description
KWFL_APPROVALS_INT	This table is used when migrating a workflow from one instance to another.
KWFL_EXECUTIONS_INT	This table is used when migrating a workflow from one instance to another.
KWFL_STEP_TRANSITIONS_INT	This table is used to migrate workflow definitions between Mercury IT Governance Center instances.
KWFL_VERIFICATION_TEMP	This table is used to store the list of errors and warnings generated during the Verify Workflow process.
KWFL_WORKFLOWS_INT	This table is used to migrate workflow definitions between Mercury IT Governance Center instances.
KWFL_WORKFLOW_PARAMETERS_INT	This table is used to migrate workflow definitions between Mercury IT Governance Center instances.
KWFL_WORKFLOW_STEPS_INT	This table is used to migrate the workflow definition between Mercury IT Governance Center instances.
KWFL_WORKFLOW_STEP_SEC_INT	This table is used when migrating a workflow from one instance to another.



# Appendix B Obsolete Tables

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This appendix contains a list of the obsolete tables and sequences used in the Mercury IT Governance Center schema which are not documented in detail in [Chapter 3, Table Definitions](#).

*Table B-1. Obsolete tables*

Tables
KDRV_BASELINE_COSTS
KDRV_PROJECT_COSTS
KDRV_TIME_INTERVALS
KRSC_RESOURCE_COST_UPDATE
KTMG_RESOURCE_CHARGE_CODES

*Table B-2. Obsolete columns*

Table	Column
KCST_BENEFIT_LINE_CELLS	PLAN_VALUE
KCST_BENEFIT_LINE_CELLS	ACTUAL_VALUE
KCST_BENEFIT_PERIOD_SUM	PLAN_TOTAL

Table B-2. Obsolete columns [continued]

Table	Column
KCST_BENEFIT_PERIOD_SUM	ACTUAL_TOTAL
KCST_BUDGET_LINE_CELLS	PLAN_VALUE
KCST_BUDGET_LINE_CELLS	ACTUAL_VALUE
KCST_BUDGET_PERIOD_SUM	PLAN_TOTAL
KCST_BUDGET_PERIOD_SUM	ACTUAL_TOTAL
KCST_BUDGET_PERIOD_SUM	CAPEX_PLAN_TOTAL
KCST_BUDGET_PERIOD_SUM	CAPEX_ACTUAL_TOTAL
KCST_BUDGET_PERIOD_SUM	OPEX_PLAN_TOTAL
KCST_BUDGET_PERIOD_SUM	OPEX_ACTUAL_TOTAL
KDRV_BASELINE_PROJECTS	TASK_CATEGORY_CODE
KDRV_BASELINE_PROJECTS	BOOKED_SKILL_ID_LIST
KDRV_BASELINE_PROJECTS	TASK_CATEGORY_NAME
KDRV_BASELINE_PROJECTS	BOOKED_SKILL_NAME_LIST
KDRV_CALENDAR_EXCEPTIONS	SOURCE_ID
KDRV_CALENDAR_EXCEPTIONS	SOURCE_TYPE_CODE
KDRV_COLUMN_OPTIONS	TASK_CATEGORY
KDRV_COLUMN_OPTIONS	BASELINE_TASK_CATEGORY
KDRV_COST_METRICS_BY_PERIOD	PLANNED_VALUE
KDRV_COST_METRICS_BY_PERIOD	EARNED_VALUE
KDRV_COST_METRICS_BY_PERIOD	ACTUAL_LABOR_COST
KDRV_COST_METRICS_BY_PERIOD	ACTUAL_NON_LABOR_COST
KDRV_COST_METRICS_BY_PERIOD	ACTUAL_COST_TOTAL
KDRV_COST_METRICS_BY_PERIOD	PLANNED_BUDGET_LABOR
KDRV_COST_METRICS_BY_PERIOD	PLANNED_BUDGET_NON_LABOR
KDRV_COST_METRICS_BY_PERIOD	PLANNED_BUDGET_TOTAL
KDRV_COST_METRICS_BY_PERIOD	ACTUAL_BUDGET_LABOR
KDRV_COST_METRICS_BY_PERIOD	ACTUAL_BUDGET_NON_LABOR
KDRV_COST_METRICS_BY_PERIOD	ACTUAL_BUDGET_TOTAL

Table B-2. Obsolete columns [continued]

Table	Column
KDRV_PROJECTS	TASK_CATEGORY_CODE
KDRV_PROJECTS	BOOKED_SKILL_ID_LIST
KDRV_PROJECT_FIELD_SETUPS	WORKBENCH_ONLY_FLAG
KDRV_PROJECT_SETUPS	COST_INPUT_CODE
KDRV_PROJECT_SETUPS	ACTUAL_EFFORT_BY_TM_FLAG
KDRV_PROJECT_SETUPS	ACTUAL_COST_BY_TM_FLAG
KNTA_PRODUCTS	LICENSE_NAME
KNTA_PRODUCTS	LICENSE_CODE
KNTA_PRODUCTS	GROUP_ID
KNTA_REPORT_TYPES	PRODUCT_SCOPE_TYPE
KNTA_REPORT_TYPES	WORKBENCH_ONLY_FLAG
KNTA_USERS_INT	DELIVER_POWER_ENABLED
KNTA_USERS_INT	CREATE_POWER_ENABLED
KNTA_USERS_INT	CREATE_STANDARD_ENABLED
KNTA_USERS_INT	DRIVE_POWER_ENABLED
KNTA_USERS_INT	DRIVE_STANDARD_ENABLED
KNTA_USERS_INT	DELIVER_STANDARD_ENABLED
KNTA_USERS_INT	SOLUTIONS
KRML_CALENDAR_DAYS	BASE_WORKDAY_FLAG
KTMG_RESOURCE_SETTINGS	TIME_ENTRY_DURATION_CODE
KTMG_RESOURCE_SETTINGS	TIME_ENTRY_UNIT_CODE
KTMG_RESOURCE_SETTINGS	PERIOD_HOURS_CALC_TYPE_CODE
KTMG_RESOURCE_SETTINGS	PERIOD_HOURS
KTMG_RESOURCE_SETTINGS	WORKDAY_HOURS
KTMG_RESOURCE_SETTINGS	OVERRIDE_WORK_ALLOC_CC_FLAG
KTMG_RESOURCE_SETTINGS	PERIOD_TYPE_ID

*Table B-3. Obsolete sequences*

Sequences
KDRV_BASELINE_COSTS_S
KDRV_PROJECT_COSTS_S
KDRV_TIME_INTERVALS_S
KRSC_RESOURCE_COST_UPDATE_S
KTMG_RESOURCE_CHARGE_CODES_S