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ps4fcm (Tables)

ARM_ACCESS

Stores the access of users and groups to objects inside account rec

Primary Key(s): ACCESS_ID

Field	Type	Default	Nulls?	Comments
ACCESS_ID	NUMBER (18)		No	Unique ID, Primary Key
OBJECT_ID	NUMBER (18)		No	The object this access is being associated with
USER_TYPE	VARCHAR2 (1)		Yes	The user type, G = group, U = user, T = team
USER_ID	VARCHAR2 (255)		Yes	The user or group ID
ACCESS_TYPE	VARCHAR2 (2)		No	The Access type. V = Viewer, P = Preparer, R = Reviewer, C = Commentator
ACCESS_ORDER	NUMBER (3)		Yes	The relative order. Applicable to reviewers
FREQUENCY_ID	NUMBER (18)		Yes	The Frequency ID, when the object is a Profile.
START_DATE	DATE		Yes	The start date of the preparer or reviewer, for reconciliation instances
START_OFFSET	NUMBER (9)		Yes	The start offset of the preparer or reviewer, for profiles
END_OFFSET	NUMBER (9)		Yes	The end offset of the preparer or reviewer, for profiles
END_DATE	DATE		Yes	The end date, for preparer or reviewer of instances
DURATION	NUMBER (9)		Yes	The duration of the preparer or reviewer, for profiles
EVER_BEEN_LATE	VARCHAR2 (1)		Yes	Whether this user has ever been late performing their role at any point
REJECTS	NUMBER (9)	0	Yes	The number of rejects
OBJECT_VERSION_NUMBER	NUMBER (9)		No	Who column. A counter that increases each time the row is updated.
LAST_UPDATE_LOGIN	NUMBER		Yes	Who column. Stores the login/session ID of the user who last updated this row.
LAST_UPDATED_BY	VARCHAR2 (255)		No	Who column. Stores the ID of the user who last updated this row.
LAST_UPDATE_DATE	DATE		No	Who column. Stores the date when this row was last updated.
CREATED_BY	VARCHAR2 (255)		No	Who column. Stores the ID of the user who created this row.

Field	Type	Default	Nulls?	Comments
CREATION_DATE	DATE		No	Who column. Stores the date when this row was created in the database.
BACKUP_USER_ID	VARCHAR2 (255)		Yes	id of backup user
ACTIVE_USER_ID	VARCHAR2 (255)		Yes	id of user that is currently assigned
ACTUAL_END_DATE	DATE		Yes	

Index Name	Type	Unique	Fields
ARM_ACCESS_N1	NORMAL	No	USER_ID
ARM_ACCESS_N2	NORMAL	No	OBJECT_ID, ACCESS_TYPE, USER_ID
ARM_ACCESS_N3	NORMAL	No	ACCESS_TYPE, ACCESS_ORDER, OBJECT_ID
ARM_ACCESS_N4	NORMAL	No	OBJECT_ID, USER_TYPE, USER_ID, BACKUP_USER_ID
ARM_ACCESS_PK	NORMAL	Yes	ACCESS_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

ARM_ACCOUNT_TYPES

Primary Key(s): ACCOUNT_TYPE_ID

Field	Type	Nulls?	Comments
ACCOUNT_TYPE_ID	NUMBER (18)	No	Unique account type ID, primary key.
ACCOUNT_TYPE_ORDER	NUMBER	No	
ACCOUNT_TYPE_NAME	VARCHAR2 (765)	No	Unique account type name.
PARENT_TYPE_ID	NUMBER (18)	Yes	Parent Account Type ID.
OBJECT_VERSION_NUMBER	NUMBER	No	Who column. A counter that increases each time the row is updated.
LAST_UPDATE_LOGIN	NUMBER	Yes	Who column. Stores the login/session ID of the user who last updated this row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column. Stores the ID of the user who last updated this row.
LAST_UPDATE_DATE	DATE	No	Who column. Stores the date when this row was last updated.
CREATED_BY	VARCHAR2 (255)	No	Who column. Stores the ID of the user who created this row.

Field	Type	Nulls?	Comments
CREATION_DATE	DATE	No	Who column. Stores the date when this row was created in the database.

Index Name	Type	Unique	Fields
ARM_ACCOUNT_TYPES_PK	NORMAL	Yes	ACCOUNT_TYPE_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

ARM_ACTION_PLAN

Primary Key(s): ACTION_PLAN_ID

Field	Type	Nulls?	Comments
ACTION_PLAN_ID	NUMBER (18)	No	Unique ID, Primary Key
OBJECT_ID	NUMBER (18)	Yes	The object this access is being associated with
ACTION_PLAN_NAME	VARCHAR2 (4000)	Yes	Action Plan Details
CLOSE_DATE	DATE	Yes	Action Plan Close Date
CLOSED	VARCHAR2 (1)	Yes	Whether action plan is closed or open
OBJECT_VERSION_NUMBER	NUMBER	No	Who column. A counter that increases each time the row is updated.
LAST_UPDATE_LOGIN	NUMBER	Yes	Who column. Stores the login/session ID of the user who last updated this row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column. Stores the ID of the user who last updated this row.
LAST_UPDATE_DATE	DATE	No	Who column. Stores the date when this row was last updated.
CREATED_BY	VARCHAR2 (255)	No	Who column. Stores the ID of the user who created this row.
CREATION_DATE	DATE	No	Who column. Stores the date when this row was created in the database.
PRIOR_ACTION_PLAN_ID	NUMBER (18)	Yes	

Index Name	Type	Unique	Fields
ARM_ACTION_PLAN_PK	NORMAL	Yes	ACTION_PLAN_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

ARM_AGING_BUCKETS

Primary Key(s): BUCKET_ID

Field	Type	Nulls?	Comments
BUCKET_ID	NUMBER (18)	No	Unique Identifier
BUCKET_LABEL	VARCHAR2 (765)	No	Bucket Label
AGING_PROFILE_ID	NUMBER (18)	No	unique identifier of a profile
BUCKET_START_DAY	NUMBER (3)	No	Bucket Start Date
ORDER_SEQ	NUMBER (9)	Yes	Order within the buckets
BUCKET_END_DAY	NUMBER (3)	Yes	Bucket End Day
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	NUMBER	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.

Index Name	Type	Unique	Fields
ARM_AGING_BUCKETS_PK	NORMAL	Yes	BUCKET_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

ARM_AGING_PROFILES

Primary Key(s): AGING_PROFILE_ID

Field	Type	Nulls?	Comments
AGING_PROFILE_ID	NUMBER (18)	No	Unique Identifier
NAME	VARCHAR2 (765)	No	Aging Profile Name
ORDER_SEQ	NUMBER (9)	Yes	Order of Aging Profiles
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	NUMBER	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2 (255)	Yes	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.

Index Name	Type	Unique	Fields
ARM_AGING_PROFILES_PK	NORMAL	Yes	AGING_PROFILE_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

ARM_AMORTIZATIONS

Primary Key(s): TRANSACTION_ID

Field	Type	Default	Nulls?	Comments
TRANSACTION_ID	NUMBER (18)		No	Foreign key to ARM_TRANSACTIONS

Field	Type	Default	Nulls?	Comments
METHOD	VARCHAR2 (1)	'S'	No	A - actual, S - straightline or C - custom
START_PERIOD	NUMBER (18)		Yes	Starting period for Straight-line or Custom
NUM_PERIODS	NUMBER		Yes	Number of periods for the amortization
ORIGINAL_AMOUNT_BUCKET1	NUMBER (29, 12)		Yes	Original amount entered by the user in bucket 1
ORIGINAL_AMOUNT_BUCKET2	NUMBER (29, 12)		Yes	Original amount entered by the user in bucket 2
ORIGINAL_AMOUNT_BUCKET3	NUMBER (29, 12)		Yes	Original amount entered by the user in bucket 3
START_DATE	DATE		Yes	Start date used for the Actual method
END_DATE	DATE		Yes	End date used for the Actual method
HALF_MONTH_CONVENTION	VARCHAR2 (1)	'N'	No	Y for using half-month convention
OBJECT_VERSION_NUMBER	NUMBER (9)		No	Who column. A counter that increases each time the row is updated.
LAST_UPDATE_LOGIN	NUMBER		Yes	Who column. Stores the login/session ID of the user who last updated this row.
LAST_UPDATED_BY	VARCHAR2 (255)		No	Y for using half-month convention
LAST_UPDATE_DATE	DATE		No	Who column. Stores the date when this row was last updated.
CREATED_BY	VARCHAR2 (255)		No	Who column. Stores the ID of the user who created this row.
CREATION_DATE	DATE		No	Who column. Stores the date when this row was created in the database.

Index Name	Type	Unique	Fields
ARM_AMORTIZATIONS_PK	NORMAL	Yes	TRANSACTION_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

ARM_AMORTIZATION_SCHEDULE

Primary Key(s): AMORT_SCHEDULE_ENTRY_ID

Field	Type	Default	Nulls?	Comments
AMORT_SCHEDULE_ENTRY_ID	NUMBER (18)		No	Unique key
TRANSACTION_ID	NUMBER (18)		No	Foreign key to ARM_AMORTIZATIONS and ARM_TRANSACTIONS
CURRENCY_BUCKET_ID	NUMBER (18)		No	
CURRENCY	VARCHAR2 (15)		No	
PERIOD_NUM	NUMBER		No	Number identifying the period (1-based)
AMOUNT	NUMBER (29, 12)	0.0	No	Amount of amortization
OBJECT_VERSION_NUMBER	NUMBER (9)		No	Who column. A counter that increases each time the row is updated.
LAST_UPDATE_LOGIN	NUMBER		Yes	Who column. Stores the login/session ID of the user who last updated this row.
LAST_UPDATED_BY	VARCHAR2 (255)		No	Who column. Stores the ID of the user who last updated this row.
LAST_UPDATE_DATE	DATE		No	Who column. Stores the date when this row was last updated.
CREATED_BY	VARCHAR2 (255)		No	Who column. Stores the ID of the user who created this row.
CREATION_DATE	DATE		No	Who column. Stores the date when this row was created in the database.

Index Name	Type	Unique	Fields
ARM_AMORTIZATION_SCHEDULE_PK	NORMAL	Yes	AMORT_SCHEDULE_ENTRY_ID
ARM_AMORTIZATION_SCHEDULE_UK	NORMAL	Yes	TRANSACTION_ID, PERIOD_NUM, CURRENCY_BUCKET_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

ARM_ANSWERS

Stores the answers for the questions.

Primary Key(s): ANSWER_ID

Field	Type	Nulls?	Comments
ANSWER_ID	NUMBER (18)	No	Unique ID
QUESTION_ID	NUMBER (18)	No	Question this answer is answering

Field	Type	Nulls?	Comments
OBJECT_ID	NUMBER (18)	No	Object this question/answer applies
VALUE_TEXT	VARCHAR2 (4000)	Yes	Text value (used for TEXT, MULTILINE_TEXT and BOOLEAN types)
VALUE_DATE	DATE	Yes	Date value (used for DATE and DATETIME types)
VALUE_NUMBER	NUMBER	Yes	Number type (used for NUMBER type)
VALUE_CHOICE_LIST_ID	NUMBER (18)	Yes	Used for the case where the user chooses list value
OBJECT_VERSION_NUMBER	NUMBER (9)	No	WHO column
LAST_UPDATE_LOGIN	NUMBER	Yes	WHO column
LAST_UPDATE_DATE	DATE	No	WHO column
LAST_UPDATED_BY	VARCHAR2 (255)	No	WHO column
CREATION_DATE	DATE	No	WHO column
CREATED_BY	VARCHAR2 (255)	No	WHO column

Index Name	Type	Unique	Fields
ARM_ANSWERS_U1	NORMAL	Yes	QUESTION_ID, OBJECT_ID
ARM_ANSWERS_PK	NORMAL	Yes	ANSWER_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

ARM_ASSIGNMENT_REQUESTS

Primary Key(s): ASSIGNMENT_REQUEST_ID

Field	Type	Nulls?	Comments
ASSIGNMENT_REQUEST_ID	NUMBER (18)	No	the object Id
PERIOD_ID	NUMBER (18)	Yes	id of period of items in request
RESPONSIBILITY_LEVEL	NUMBER (9)	Yes	the role level at which the request was created
REQUESTED_TARGET_ID	VARCHAR2 (255)	Yes	
REQUESTED_TARGET_TYPE	VARCHAR2 (1)	Yes	target type: U, G, T
JUSTIFICATION	VARCHAR2 (4000)	Yes	request justification text

Field	Type	Nulls?	Comments
INCLUDE_FUTURE	VARCHAR2 (1)	Yes	flag indicating that future items should be reassigned as well
STATUS_ID	NUMBER (9)	Yes	the status of the request
OBJECT_VERSION_NUMBER	NUMBER (18)	No	version stamp
CREATED_BY	VARCHAR2 (255)	No	creator id
CREATION_DATE	DATE	No	creation timestamp
LAST_UPDATED_BY	VARCHAR2 (255)	No	modifier id
LAST_UPDATE_DATE	DATE	No	modifier timestamp
LAST_UPDATE_LOGIN	NUMBER	Yes	numercial id of last modifier

Index Name	Type	Unique	Fields
ARM_ASSIGNMENT_REQUESTS_PK	NORMAL	Yes	ASSIGNMENT_REQUEST_ID
ARM_ASSIGNMENT_REQUESTS_N1	NORMAL	No	PERIOD_ID, STATUS_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

ARM_ASSIGNMENT_REQUEST_ITEMS

Primary Key(s): ASSIGNMENT_ITEM_ID

Field	Type	Nulls?	Comments
ASSIGNMENT_ITEM_ID	NUMBER (18)	No	object id
ASSIGNMENT_REQUEST_ID	NUMBER (18)	No	object id of parent request item
OBJECT_ID	NUMBER (18)	No	object id of item to be assigned
OBJECT_TYPE	VARCHAR2 (1)	No	object type of item to be assigned
ACTUAL_TARGET_ID	VARCHAR2 (255)	Yes	user id of approved target
ACTUAL_TARGET_TYPE	VARCHAR2 (1)	Yes	target type: U, G, T
STATUS_FLAG	VARCHAR2 (1)	Yes	status of item: null, A, R
OBJECT_VERSION_NUMBER	NUMBER (9)	No	version stamp
LAST_UPDATE_LOGIN	NUMBER	Yes	id of last modifier
LAST_UPDATED_BY	VARCHAR2 (255)	No	id of last modifier
LAST_UPDATE_DATE	DATE	No	timestamp of last modification
CREATED_BY	VARCHAR2 (255)	No	id of creator

Field	Type	Nulls?	Comments
CREATION_DATE	DATE	No	timestamp of creation
ORIGINAL_ASSIGNEE_ID	VARCHAR2 (255)	Yes	id of original assignee for object
ORIGINAL_ASSIGNEE_TYPE	VARCHAR2 (1)	Yes	type of original assignee for object

Index Name	Type	Unique	Fields
ARM_ASSIGNMENT_REQUEST_PK	NORMAL	Yes	ASSIGNMENT_ITEM_ID
ARM_ASSIGNMENT_ITEMS_N1	NORMAL	No	ASSIGNMENT_REQUEST_ID
ARM_ASSIGNMENT_ITEMS_N2	NORMAL	No	OBJECT_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

ARM_ATTRIBUTE_VALUES

This table stores the relationship between an object and the attributes that are assigned to it including the value that the user assigned to the attribute.

Primary Key(s): ATTRIBUTE_VALUE_ID

Field	Type	Default	Nulls?	Comments
ATTRIBUTE_VALUE_ID	NUMBER (18)		No	Unique identifier
ATTRIBUTE_ID	NUMBER (18)		No	FC to ARM_ATTRIBUTES
OBJECT_ID	NUMBER (18)		No	The ID of the object this attribute value is associated with
ORDER_SEQ	NUMBER (9)		Yes	The order for the attribute in respect to the other attributes applied to the same object.
REQUIRED	VARCHAR2 (1)		Yes	Flag to indicate if the attribute value is required or not, possible values are Y/N
UPDATABLE_BY	VARCHAR2 (1)		Yes	Flag to indicate who can update the attribute value. P - Preparer, R - Reviewer, B - Both Preparer and Reviewer, N - None. If null, it means None.
VALUE_TEXT	VARCHAR2 (4000)		Yes	Only used if the type of attribute is TEXT or BOOLEAN
VALUE_NUMBER	NUMBER		Yes	Only used if the type of attribute is NUMBER
VALUE_DATE	DATE		Yes	Only used if the type of attribute is DATE

Field	Type	Default	Nulls?	Comments
VALUE_LIST_CHOICE_ID	NUMBER (18)		Yes	Only used if the type of attribute is LIST
HISTORY_ATTRIBUTE_TYPE	VARCHAR2 (3)		Yes	The attribute type, used by history to determine how to handle changes
OBJECT_VERSION_NUMBER	NUMBER		No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	NUMBER		Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATE_DATE	DATE		No	Who column: indicates the date and time of the last update of the row.
LAST_UPDATED_BY	VARCHAR2 (255)		No	Who column: indicates the user who last updated the row.
CREATION_DATE	DATE		No	Who column: indicates the date and time of the creation of the row.
CREATED_BY	VARCHAR2 (255)		No	Who column: indicates the user who created the row.
FDMEED_UX_NAME	VARCHAR2 (5)		Yes	
COPY_TO_PROFILE	VARCHAR2 (1)	'N'	Yes	
PRIOR_ATTRIBUTE_VALUE_ID	NUMBER (18)		Yes	

Index Name	Type	Unique	Fields
ARM_ATTRIBUTE_VALUES_N1	NORMAL	No	OBJECT_ID
ARM_ATTRIBUTE_VALUES_U1	NORMAL	Yes	ATTRIBUTE_ID, OBJECT_ID
ARM_ATTRIBUTE_VALUES_PK	NORMAL	Yes	ATTRIBUTE_VALUE_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

ARM_BALANCES

Primary Key(s): PROFILE_ID, PERIOD_ID, BALANCE_TYPE, BUCKET_ID, CURRENCY, LOCATION_ID

Field	Type	Nulls?	Comments
PROFILE_ID	VARCHAR2 (4000)	No	The profile segment ID (it is from ARM_Reconciliations.RECONCILIATION_ACCOUNT_ID)
PERIOD_ID	NUMBER (18)	No	The ARM period id
BUCKET_ID	NUMBER (18)	No	ID of the currency bucket
BALANCE_TYPE	NUMBER (1)	No	The ARM balance types (1:source system or 2:sub-system)
LOCATION_ID	NUMBER (10)	No	The location ID (from ERPI)
CURRENCY	VARCHAR2 (15)	No	The currency key such USD, CAD, or Yen....
AMOUNT	NUMBER (29, 12)	No	The component account's aggregated balance
UPDATED_FLAG	VARCHAR2 (1)	Yes	Update flag: U-update, I-insert, N-none
OBJECT_VERSION_NUMBER	NUMBER (9)	No	WHO column
LAST_UPDATE_LOGIN	NUMBER	Yes	WHO column
LAST_UPDATED_BY	VARCHAR2 (255)	No	WHO column
LAST_UPDATE_DATE	DATE	No	WHO column
CREATED_BY	VARCHAR2 (255)	No	WHO column
CREATION_DATE	DATE	No	WHO column

Index Name	Type	Unique	Fields
ARM_BALANCES_N1	NORMAL	No	BUCKET_ID, CURRENCY
ARM_BALANCES_PK	NORMAL	Yes	PROFILE_ID, PERIOD_ID, BALANCE_TYPE, BUCKET_ID, CURRENCY, LOCATION_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

ARM_COMMENTS

Stores the relation between the object and the text record that stores the comment.

Primary Key(s): COMMENT_ID

Field	Type	Nulls?	Comments
COMMENT_ID	NUMBER (18)	No	Unique identifier
OBJECT_ID	NUMBER (18)	Yes	Id of the object the Comment is tied to. Currently restricted to profile instances only
COMMENT_TEXT	CLOB	Yes	The text of the comment

Field	Type	Nulls?	Comments
CREATOR_ID	VARCHAR2 (255)	No	The user id of the person who created this. Supposedly we can't use the WHO columns for this.
USER_CREATION_DATE	DATE	No	Date when this comment was created
OBJECT_VERSION_NUMBER	NUMBER (18)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	NUMBER	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.
CREATOR_ROLE	VARCHAR2 (3)	Yes	The owner role. P = Preparer, R = Reviewer, C = Commentator, V = Viewer
PRIOR_COMMENT_ID	NUMBER (18)	Yes	

Index Name	Type	Unique	Fields
ARM_COMMENTS_N1	NORMAL	No	OBJECT_ID
ARM_COMMENTS_PK	NORMAL	Yes	COMMENT_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

ARM_COPYTRANSACTIONS_PROC

Primary Key(s): PRIOR_OBJECT_ID

Field	Type	Nulls?
OBJECT_ID	NUMBER (18)	Yes
PRIOR_OBJECT_ID	NUMBER (18)	No

Field	Type	Nulls?
OBJECT_TYPE	VARCHAR2 (8)	Yes
RECONCILIATION_ID	NUMBER (18)	Yes

Index Name	Type	Unique	Fields
ARM_CPYTRNSACTNS_PRC_PK	NORMAL	Yes	PRIOR_OBJECT_ID
ARM_CPYTRNSACTNS_PRC_U1	NORMAL	No	OBJECT_TYPE, OBJECT_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

ARM_CURRENCY_BUCKETS

Primary Key(s): BUCKET_ID

Field	Type	Nulls?	Comments
BUCKET_ID	NUMBER (18)	No	Unique identifier
BUCKET_ORDER	NUMBER	No	order within the buckets
BUCKET_LABEL	VARCHAR2 (255)	No	The displayed label for the currency bucket.
ENABLED	VARCHAR2 (1)	No	Indicates whether the currency bucket is enabled or not
DEFAULT_CURRENCY_ID	VARCHAR2 (3)	Yes	The default currency of the bucket.
OBJECT_VERSION_NUMBER	NUMBER	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	NUMBER	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.

Field	Type	Nulls?	Comments
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.

Index Name	Type	Unique	Fields
ARM_CURRENCY_BUCKETS_PK	NORMAL	Yes	BUCKET_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

ARM_CURRENCY_RATES

Primary Key(s): FROM_CURRENCY, TO_CURRENCY, PERIOD_ID, RATE_TYPE_ID

Field	Type	Nulls?	Comments
FROM_CURRENCY	VARCHAR2 (15)	No	From currency
TO_CURRENCY	VARCHAR2 (15)	No	To Currency
PERIOD_ID	NUMBER (18)	No	Period Id for the Period mapping.
RATE_TYPE_ID	NUMBER (18)	No	Rate Type Id for the ARM RATE TYPE mapping
RATE	NUMBER	No	Currency Conversion Rate
LAST_UPDATE_DATE	DATE	No	Who column. Stores the date when this row was last updated.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column. Stores the ID of the user who last updated this row.
LAST_UPDATE_LOGIN	NUMBER	Yes	Who column. Stores the login/session ID of the user who last updated this row.
CREATED_BY	VARCHAR2 (255)	No	Who column. Stores the ID of the user who created this row.
CREATION_DATE	DATE	No	Who column. Stores the date when this row was created in the database.
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Who column. A counter that increases each time the row is updated.
FROM_SOURCE_SYSTEM	VARCHAR2 (1)	Yes	

Index Name	Type	Unique	Fields
ARM_CURRENCY_RATES_UI	NORMAL	Yes	PERIOD_ID, RATE_TYPE_ID, FROM_CURRENCY, TO_CURRENCY
ARM_CURRENCY_RATES_PK	NORMAL	Yes	FROM_CURRENCY, TO_CURRENCY, PERIOD_ID,

Index Name	Type	Unique	Fields
			RATE_TYPE_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

ARM_DATALOADS

Primary Key(s): DATALOAD_ID

Field	Type	Nulls?	Comments
DATALOAD_ID	NUMBER (18)	No	Data load ID and it is primary key.
DATALOAD_NAME	VARCHAR2 (765)	No	Data load name and it has to be unique name.
DATALOAD_DESCRIPTION	VARCHAR2 (2000)	Yes	Data load description.
EXECUTION_MODE	VARCHAR2 (1)	No	Data load mode (Snapshot or FullRefresh).
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Who column
LAST_UPDATE_LOGIN	NUMBER	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column
LAST_UPDATE_DATE	DATE	No	Who column
CREATED_BY	VARCHAR2 (255)	No	Who column
CREATION_DATE	DATE	No	Who column
OWNER_ID	VARCHAR2 (255)	Yes	

Index Name	Type	Unique	Fields
ARM_DATALOADS_PK	NORMAL	Yes	DATALOAD_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

ARM_DATALOAD_EXECUTION

Primary Key(s): EXECUTION_ID

Field	Type	Default	Nulls?	Comments
EXECUTION_ID	NUMBER (18)		No	The execution id and unique ID identifier
EXECUTION_NAME	VARCHAR2 (765)		No	The definition name
PERIOD_ID	NUMBER (18)		No	ARM period id
START_DATE	DATE		No	The data load start date (when user clicked Execute button)
END_DATE	DATE		Yes	The data load end date (when all the data load rules are executed by ERPI)
RUN_BY_USER_ID	VARCHAR2 (225)		No	The user who executed the data load
STAGING_ONLY	VARCHAR2 (1)		No	'Y' or 'N'. Whether the dataload definition is for staging only or not
STATUS_ID	NUMBER (2)		No	The data load execution status 1) 0 – Pending 2) 1 – Staging In Progress 3) 2 – Staging Completed 4) 3 – Staging Failed 5) 4 – Data Load In Progress 6) 5 – Data Load Completed 7) 6 – Data Load Failed 8) 7 – Post Processing In Progress 9) 8 – Post Processing Completed 10) 9 – Post Processing Failed
RESULT_ID	NUMBER (3)		Yes	The data load execution result 1) 0 – Succeed 2) 1 – Staging Error 3) 2 – Unassigned Accounts 4) 4 – Missing Profiles 5) 8 – Data load Error 6) 16 – Post-Processing Error Note that the result can be a result of bit-wise inclusive OR of the non-zero bits. For example, 6 means Unassigned Accounts and Missing Profiles.
ERROR_CODE	VARCHAR2 (500)		Yes	This column is for error message code used by ODI
ERROR_PARAM	VARCHAR2 (2000)		Yes	This column is for error message parameters used by ODI
ERROR_MSG	CLOB		Yes	Error messages from ERPI or Workflow
OBJECT_VERSION_NUMBER	NUMBER (9)		No	WHO column
LAST_UPDATE_LOGIN	NUMBER		Yes	WHO column
LAST_UPDATED_BY	VARCHAR2 (255)		No	WHO column
LAST_UPDATE_DATE	DATE		No	WHO column

Field	Type	Default	Nulls?	Comments
CREATED_BY	VARCHAR2 (255)		No	WHO column
CREATION_DATE	DATE		No	WHO column
EXECUTION_MODE	VARCHAR2 (1)	'S'	Yes	'S' or 'F'. 'F' for Full Refresh execution mode and 'S' for Snapshot execution mode
DATALOAD_DESCRIPTION	VARCHAR2 (2000)		Yes	Data load execution description.
STAGING_END_TIME	DATE		Yes	
DATALOAD_END_TIME	DATE		Yes	
POSTPROCESS_END_TIME	DATE		Yes	

Index Name	Type	Unique	Fields
ARM_DATALOAD_EXECUTION_N1	NORMAL	No	PERIOD_ID
ARM_DATALOAD_EXECUTION_PK	NORMAL	Yes	EXECUTION_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

ARM_DATALOAD_LOCATIONS

Primary Key(s): DATALOAD_ID, SOURCE_SYSTEM_ID, LOCATION_ID

Field	Type	Nulls?	Comments
DATALOAD_ID	NUMBER (18)	No	Data load ID.
SOURCE_SYSTEM_TYPE	VARCHAR2 (30)	Yes	Source system type.
SOURCE_SYSTEM_ID	NUMBER (15)	No	Source system ID.
LOCATION_ID	NUMBER (10)	No	Location ID(s) for data load definition
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Who column
LAST_UPDATE_LOGIN	NUMBER	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column
LAST_UPDATE_DATE	DATE	No	Who column
CREATED_BY	VARCHAR2 (255)	No	Who column
CREATION_DATE	DATE	No	Who column

Index Name	Type	Unique	Fields
ARM_DATALOAD_LOCATIONS_PK	NORMAL	Yes	DATALOAD_ID, SOURCE_SYSTEM_ID, LOCATION_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

ARM_DATALOAD_PROCESSING

Table to store temporary processing logic used for auto-reconciliation and scheduler processes

Primary Key(s): RECONCILIATION_ID

Field	Type	Nulls?	Comments
RECONCILIATION_ID	NUMBER (18)	No	Recon ID
RECONCILIATION_ACCOUNT_ID	VARCHAR2 (4000)	Yes	Account ID
UPDATE_FLAG	VARCHAR2 (1)	Yes	Update Flag, used for rolling up balances into summary accounts
PRIOR_PERIOD_ID	NUMBER (18)	Yes	Prior period ID. Used for Net Activity auto-rec
STATUS_ID	NUMBER (2)	Yes	The new status of the recon, after processing
NORMAL_BALANCE_VIOLATION	VARCHAR2 (1)	Yes	
AUTO_REC_ZERO	VARCHAR2 (1)	Yes	Auto-Rec Zero Balance results
AUTO_REC_MATCH_PCT	VARCHAR2 (1)	Yes	Auto-Rec Match Percentage results
AUTO_REC_MATCH_NUM	VARCHAR2 (1)	Yes	Auto-Rec Match Number results
AUTO_REC_RANGE	VARCHAR2 (1)	Yes	Auto-Rec Range results
AUTO_REC_NET_ACTIVITY	VARCHAR2 (1)	Yes	Auto-Rec Net Activity results
BALANCE_EXISTS	VARCHAR2 (1)	Yes	Whether or not balance exists for this reconciliation
SUBSYS_BALANCE_EXISTS	VARCHAR2 (1)	Yes	
PRIOR_RECONCILIATION_ID	NUMBER (18)	Yes	
FORMAT_ID	NUMBER (18)	Yes	
OLD_STATUS_ID	NUMBER (2)	Yes	
ENTER_BALANCE	VARCHAR2 (1)	Yes	

Index Name	Type	Unique	Fields
ARM_DATALOAD_PROCESSING_PK	NORMAL	Yes	RECONCILIATION_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

ARM_DATALOAD_RULES

Primary Key(s): EXECUTION_ID, LOCATION_ID, RULE_NAME

Field	Type	Nulls?	Comments
EXECUTION_ID	NUMBER (18)	No	The execution id and unique ID identifier
LOCATION_ID	NUMBER (10)	No	The ERPI location ID
RULE_NAME	VARCHAR2 (255)	No	The ERPI data load rule name
LOAD_ID	NUMBER (15)	Yes	The ERPI data load ID
IS_EXPORTED	VARCHAR2 (1)	Yes	“Y” or “N”. Flag is controlled by ODI and ODI uses for exporting load_id in loop
EXPORT_FLAG	VARCHAR2 (1)	Yes	The flag to tell whether the data load id is for export or dataload
OBJECT_VERSION_NUMBER	NUMBER (9)	No	
LAST_UPDATE_LOGIN	NUMBER	Yes	
LAST_UPDATED_BY	VARCHAR2 (255)	No	
LAST_UPDATE_DATE	DATE	No	
CREATED_BY	VARCHAR2 (255)	No	
CREATION_DATE	DATE	No	

Index Name	Type	Unique	Fields
ARM_DATALOAD_RULES_N1	NORMAL	No	LOAD_ID
ARM_DATALOAD_RULES_PK	NORMAL	Yes	EXECUTION_ID, LOCATION_ID, RULE_NAME

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

ARM_DATALOAD_TREE

Primary Key(s): PERIOD_ID, EXECUTION_ID, LOCATION_ID, SOURCE_SYSTEM_ID

Field	Type	Nulls?	Comments
EXECUTION_ID	NUMBER (18)	No	The execution id and unique ID identifier
SOURCE_SYSTEM_TYPE	VARCHAR2 (30)	Yes	ERPI Source System Type
SOURCE_SYSTEM_ID	NUMBER (15)	No	The ERPI source ID
LOCATION_ID	NUMBER (10)	No	The ERPI location ID
PERIOD_ID	NUMBER (18)	No	ARM period id
IS_FIRST_LOAD	VARCHAR2 (1)	Yes	"Y" or "N". Flag is controlled by ARM and it is used by ODI to pick the right Interface (Copy All or Incremental Updates)
IS_LOADING	VARCHAR2 (1)	Yes	"Y" or "N". Flag is controlled by SOA composites and it is used by ODI to check if there is same locations with same period being loded
OBJECT_VERSION_NUMBER	NUMBER (9)	No	WHO column
LAST_UPDATE_LOGIN	NUMBER	Yes	WHO column
LAST_UPDATED_BY	VARCHAR2 (255)	No	WHO column
LAST_UPDATE_DATE	DATE	No	WHO column
CREATED_BY	VARCHAR2 (255)	No	WHO column
CREATION_DATE	DATE	No	WHO column

Index Name	Type	Unique	Fields
ARM_DATALOAD_TREE_PK	NORMAL	Yes	PERIOD_ID, EXECUTION_ID, LOCATION_ID, SOURCE_SYSTEM_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

ARM_FORMATS

Primary Key(s): FORMAT_ID

Field	Type	Default	Nulls?	Comments
FORMAT_ID	NUMBER (18)		No	Unique ID
SOURCE_FORMAT_ID	NUMBER (18)		Yes	Source Format ID. Only set for format snapshots used by instances.
FORMAT_NAME	VARCHAR2 (765)		No	The format name
FORMAT_DESCRIPTION	VARCHAR2 (4000)		Yes	The format description

Field	Type	Default	Nulls?	Comments
RECONCILIATION_METHOD	VARCHAR2 (1)		No	The reconciliation method for this format - A for Account Analysis and B for Balance Comparison.
ZERO_UNEXPLAINED_DIFF_REQUIRED	VARCHAR2 (1)		Yes	The flag to indicate whether 0 unexplained difference is mandatory or not. Possible values Y/N
OBJECT_VERSION_NUMBER	NUMBER (9)		No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	NUMBER		Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATE_DATE	DATE		No	Who column: indicates the date and time of the last update of the row.
LAST_UPDATED_BY	VARCHAR2 (255)		No	Who column: indicates the user who last updated the row.
CREATION_DATE	DATE		No	Who column: indicates the date and time of the creation of the row.
CREATED_BY	VARCHAR2 (255)		No	Who column: indicates the user who created the row.
DISPLAY_ACCOUNT_ID_AS	VARCHAR2 (1)	'C'	Yes	
SHOW_ACTION_PLAN_BOX	VARCHAR2 (1)	'N'	Yes	
SHOW_ACTION_PLAN_SRC	VARCHAR2 (1)	'N'	Yes	
SHOW_ACTION_PLAN_SUB	VARCHAR2 (1)	'N'	Yes	

Index Name	Type	Unique	Fields
ARM_FORMATS_PK	NORMAL	Yes	FORMAT_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

ARM_FORMAT_ATTRIBUTES

Stores the attributes assigned to a format.

Primary Key(s): FORMAT_ATTRIBUTE_ID

Field	Type	Nulls?	Comments
FORMAT_ATTRIBUTE_ID	NUMBER (18)	No	Unique ID
FORMAT_ID	NUMBER (18)	No	Format ID, FK to ARM_FORMATS
ATTRIBUTE_ID	NUMBER (18)	No	The attribute ID for the attribute assignment. FK to ARM_ATTRIBUTES table
FORMAT_ATTRIBUTE_TYPE	VARCHAR2 (3)	No	The object which this attribute has been assigned to. SUM - Balance Summary, BEX - Balance Explanation Transaction, SRC - Source System Adjustment Transactions and SUB - Subsystem Adjustment Transactions
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Who column
LAST_UPDATE_LOGIN	NUMBER	Yes	Who column
LAST_UPDATE_DATE	DATE	No	Who column
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column
CREATION_DATE	DATE	No	Who column
CREATED_BY	VARCHAR2 (255)	No	Who column

Index Name	Type	Unique	Fields
ARM_FORMAT_ATTRIBUTES_N1	NORMAL	No	FORMAT_ID, FORMAT_ATTRIBUTE_TYPE
ARM_FORMAT_ATTRIBUTES_PK	NORMAL	Yes	FORMAT_ATTRIBUTE_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

ARM_FORMAT_LABELS

Primary Key(s): LABEL_ID

Field	Type	Nulls?	Comments
LABEL_ID	NUMBER (18)	No	Unique ID
FORMAT_ID	NUMBER (18)	No	ID of the format the label belongs to
LABEL_TEXT	VARCHAR2 (150)	Yes	Text of the label
SEEDED_LABEL_TOKEN	VARCHAR2 (35)	No	Use this
HIDDEN	VARCHAR2 (1)	Yes	Y or N as to whether the label is hidden in the UI
ORDER_SEQ	NUMBER	Yes	Order sequence for format labels.

Field	Type	Nulls?	Comments
OBJECT_VERSION_NUMBER	NUMBER (9)	No	WHO Column
LAST_UPDATE_LOGIN	NUMBER	Yes	WHO column
LAST_UPDATED_BY	VARCHAR2 (255)	No	WHO column
LAST_UPDATE_DATE	DATE	No	WHO Column
CREATED_BY	VARCHAR2 (255)	No	WHO Column
CREATION_DATE	DATE	No	WHO column

Index Name	Type	Unique	Fields
ARM_FORMAT_LABELS_PK	NORMAL	Yes	LABEL_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

ARM_FREQUENCIES

Stores the frequencies defined by the user

Primary Key(s): FREQUENCY_ID

Field	Type	Nulls?	Comments
FREQUENCY_ID	NUMBER (18)	No	The unique ID of the frequency
FREQUENCY_NAME	VARCHAR2 (180)	No	The name of the frequency
FREQUENCY_ORDER	NUMBER (18)	Yes	Order of frequency
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Who column. A counter that increases each time the row is updated.
LAST_UPDATE_LOGIN	NUMBER	Yes	Who column. Stores the login/session ID of the user who last updated this row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column. Stores the ID of the user who last updated this row.
LAST_UPDATE_DATE	DATE	No	Who column. Stores the date when this row was last updated.
CREATED_BY	VARCHAR2 (255)	No	Who column. Stores the ID of the user who created this row.
CREATION_DATE	DATE	No	Who column. Stores the date when this row was created in the database.

Index Name	Type	Unique	Fields
ARM_FREQUENCIES_PK	NORMAL	Yes	FREQUENCY_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

ARM_GLOBAL_INTEGRATION_TOKENS

Primary Key(s): GLOBAL_INTEGRATION_TOKEN_ID

Field	Type	Nulls?	Comments
GLOBAL_INTEGRATION_TOKEN_ID	NUMBER (18)	No	Unique ID
GLOBAL_INTEGRATION_TOKEN_NAME	VARCHAR2 (765)	No	Global token display name
GLOBAL_INTEGRATION_TOKEN_TYPE	VARCHAR2 (25)	No	possible values are RECONCILIATION_ATTRIBUTES, STATIC_ATTRIBUTES
GLOBAL_INTEGRATION_TOKEN_VALUE	VARCHAR2 (765)	No	User provided value for a global integration token
OBJECT_VERSION_NUMBER	NUMBER	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2 (255)	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.

Index Name	Type	Unique	Fields
ARM_GLOBAL_INT_TOKENS_PK	NORMAL	Yes	GLOBAL_INTEGRATION_TOKEN_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

ARM_HISTORY

Stores the history of a task, template, schedule or task type

Primary Key(s): HISTORY_FIELD_ID

Field	Type	Nulls?	Comments
HISTORY_FIELD_ID	NUMBER (18)	No	The history field unique identifier
OBJECT_ID	NUMBER (18)	No	The object ID that this history entry belongs to
SUPPORTING_OBJECT_ID	NUMBER (18)	Yes	An ID to the object referenced by this entry. For instance, the Attribute ID for the change in an attribute value
SUPPORTING_OBJECT	VARCHAR2 (765)	Yes	A supporting object field. A general use field in case the other fields are not enough to store the history
FIELD_ID	NUMBER (9)	No	The field ID which states what field (such as task name, start date, end date, etc.) changed. Refer to HistoryManager.java for the full enumeration
CHANGE_TYPE_ID	NUMBER (9)	No	The ID of the change type, such as Added, Removed, Modified, etc. Refer to HistoryManager.java for the full enumeration
OLD_VALUE	VARCHAR2 (4000)	Yes	The prior value of the field
NEW_VALUE	VARCHAR2 (4000)	Yes	The new value of the field
CHANGED_BY	VARCHAR2 (255)	No	The person who made the modification
CHANGED_ON	TIMESTAMP(6)	No	The date of the modification
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	NUMBER	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.

Index Name	Type	Unique	Fields
ARM_HISTORY_N1	NORMAL	No	OBJECT_ID
ARM_HISTORY_PK	NORMAL	Yes	HISTORY_FIELD_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

ARM_INSTRUCTIONS

Primary Key(s): INSTRUCTION_ID

Field	Type	Nulls?	Comments
INSTRUCTION_ID	NUMBER (18)	No	
OBJECT_ID	NUMBER (18)	No	
INSTRUCTION_TEXT	CLOB	Yes	
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	NUMBER	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.

Index Name	Type	Unique	Fields
ARM_INSTRUCTIONS_U1	NORMAL	Yes	OBJECT_ID
ARM_INSTRUCTIONS_PK	NORMAL	Yes	INSTRUCTION_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

ARM_LOOKUP

Table to store lookup values, for instance, for LOV items that never change throughout the product

Primary Key(s): TYPE, CODE

Field	Type	Nulls?	Comments
TYPE	VARCHAR2 (20)	No	The lookup type, to categorize the different lookups
CODE	VARCHAR2 (32)	No	The internal code of the lookup
MEANING	VARCHAR2 (255)	Yes	The display value of the lookup. Translated items will be translated within the VORowImpl class of the VO
SORT_ORDER	NUMBER (9)	Yes	The order to display the items in

Index Name	Type	Unique	Fields
ARM_LOOKUP_PK	NORMAL	Yes	TYPE, CODE

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

ARM_PERIODS

Primary Key(s): PERIOD_ID

Field	Type	Nulls?	Comments
PERIOD_ID	NUMBER (18)	No	The unique ID of the period
FREQUENCY_ORDER	NUMBER (2)	Yes	
PERIOD_NAME	VARCHAR2 (180)	No	The name of the period
START_DATE	DATE	Yes	The start date of the period
END_DATE	DATE	Yes	The end date of the period
SKIP_WEEKENDS	VARCHAR2 (1)	Yes	Flag to indicate if weekends should be skipped while scheduling. Possible values Y or N.
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Who column. A counter that increases each time the row is updated.
LAST_UPDATE_LOGIN	NUMBER	Yes	Who column. Stores the login/session ID of the user who last updated this row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column. Stores the ID of the user who last updated this row.

Field	Type	Nulls?	Comments
LAST_UPDATE_DATE	DATE	No	Who column. Stores the date when this row was last updated.
CREATED_BY	VARCHAR2 (255)	No	Who column. Stores the ID of the user who created this row.
CREATION_DATE	DATE	No	Who column. Stores the date when this row was created in the database.
FREQUENCY_ID	NUMBER (18)	Yes	Frequency ID
STATUS_ID	NUMBER (2)	Yes	
CLOSE_DATE	DATE	Yes	The close Date of the Period
PROCESS_ID	NUMBER (18)	Yes	The Unique ID of the Process
COMPOSITE_INSTANCE_ID	VARCHAR2 (20)	Yes	
IS_AUTOREC_RUNNING	VARCHAR2 (1)	Yes	
LAST_RECONCILED	TIMESTAMP(6)	Yes	
PRIOR_PERIOD_ID	NUMBER (18)	Yes	

Index Name	Type	Unique	Fields
ARM_PERIODS_PK	NORMAL	Yes	PERIOD_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

ARM_PERIOD_CALENDARS

Primary Key(s): PERIOD_ID, CALENDAR_ID

Field	Type	Default	Nulls?	Comments
PERIOD_ID	NUMBER (18)		No	The Period Id
CALENDAR_ID	NUMBER (18)		No	The calendar id that is associated with the period.
START_DATE	DATE		Yes	The start date for the calendar
END_DATE	DATE		Yes	The end date for the calendar.
CLOSE_DATE	DATE		Yes	The close date for the calendar.
DELETED	VARCHAR2 (1)	'N'	Yes	
OBJECT_VERSION_NUMBER	NUMBER (9)		No	Used to implement optimistic locking.

Field	Type	Default	Nulls?	Comments
LAST_UPDATE_LOGIN	NUMBER		Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2 (255)		No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE		No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2 (255)		No	Who column: indicates the user who created the row.
CREATION_DATE	DATE		No	Who column: indicates the date and time of the creation of the row.

Index Name	Type	Unique	Fields
ARM_PERIOD_CALENDARS_PK	NORMAL	Yes	PERIOD_ID, CALENDAR_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

ARM_PERIOD_FREQUENCIES

Primary Key(s): PERIOD_ID, FREQUENCY_ID, CALENDAR_ID

Field	Type	Nulls?	Comments
PERIOD_ID	NUMBER (18)	No	The unique ID of the period
FREQUENCY_ID	NUMBER (18)	No	The unique ID of Frequency
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Who column. A counter that increases each time the row is updated.
LAST_UPDATE_LOGIN	VARCHAR2 (255)	Yes	Who column. Stores the login/session ID of the user who last updated this row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column. Stores the ID of the user who last updated this row.
LAST_UPDATE_DATE	DATE	No	Who column. Stores the date when this row was last updated.
CREATED_BY	VARCHAR2 (255)	No	Who column. Stores the ID of the user who created this row.
CREATION_DATE	DATE	No	Who column. Stores the date when this row was created in the database.
CALENDAR_ID	NUMBER (18)	No	

Index Name	Type	Unique	Fields
ARM_PERIOD_FREQUENCIES_PK	NORMAL	Yes	PERIOD_ID, FREQUENCY_ID, CALENDAR_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

ARM_PORTLETS

Stores definitions of dashboard portlets

Primary Key(s): ID, USER_ID

Field	Type	Nulls?	Comments
ID	VARCHAR2 (5)	No	unique identifier for portlet for user
USER_ID	VARCHAR2 (255)	No	portlet owner identity
SEQUENCE	NUMBER (2)	Yes	order of portlet in user interface
PORTLET_NAME	VARCHAR2 (192)	Yes	
FILTER_ID	NUMBER (18)	Yes	
STATE	NUMBER (1)	Yes	state of portlet: 0 normalized, 1 maximized, 2 minimized
TYPE	NUMBER (1)	Yes	portlet type: 0 tasklist, 1 worklist, 2 status chart, 3 status overview
DEFINITION	CLOB	Yes	XML description of portlet state, filter settings, column ordering, etc.
SAVED_FILTER_ID	NUMBER (18)	Yes	
AGING_PROFILE_ID	NUMBER (18)	Yes	
LAST_UPDATE_DATE	DATE	Yes	

Index Name	Type	Unique	Fields
ARM_PORTLETS_N1	NORMAL	No	USER_ID
ARM_PORTLETS_PK	NORMAL	Yes	ID, USER_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

ARM_PROCESSES

Primary Key(s): PROCESS_ID

Field	Type	Nulls?	Comments
PROCESS_ID	NUMBER (18)	No	The unique ID of the process
PROCESS_ORDER	NUMBER (18)	No	
PROCESS_NAME	VARCHAR2 (765)	No	The unique process name.
FILTER_ID	NUMBER (18)	Yes	The associated filter rules. FK to ARM_FILTERS.
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Who column. A counter that increases each time the row is updated.
LAST_UPDATE_LOGIN	NUMBER	Yes	Who column. Stores the login/session ID of the user who last updated this row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column. Stores the ID of the user who last updated this row.
LAST_UPDATE_DATE	DATE	No	Who column. Stores the date when this row was last updated.
CREATED_BY	VARCHAR2 (255)	No	Who column. Stores the ID of the user who created this row.
CREATION_DATE	DATE	No	Who column. Stores the date when this row was created in the database.

Index Name	Type	Unique	Fields
ARM_PROCESSES_PK	NORMAL	Yes	PROCESS_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

ARM_QUESTIONS

Stores the questions for a format instance

Primary Key(s): QUESTION_ID

Field	Type	Default	Nulls?	Comments
QUESTION_ID	NUMBER (18)		No	Unique ID identifier
OBJECT_ID	NUMBER (18)		No	ID of the object this question applies to
QUESTION_TEXT	VARCHAR2 (4000)		No	The text of the question

Field	Type	Default	Nulls?	Comments
QUESTION_TYPE	VARCHAR2 (25)		No	Type of question (TEXT, NUMBER, LIST, DATE, DATETIME, YESNO, TRUEFALSE)
REQUIRED	VARCHAR2 (1)		No	Is the question required to be answered (Y or N)
ORDER_SEQ	NUMBER		Yes	The order of appearance for the question within the format instance
NEGATIVE_NUMBER_FORMAT	VARCHAR2 (15)		Yes	(NUMBER type question only) Number format to use for negative numbers
SCALE	VARCHAR2 (15)		Yes	(NUMBER type question only) Scale used for number formatting
THOUSANDS_SEPARATOR_FLAG	VARCHAR2 (1)		Yes	NUMBER type question only) Whether or not to use the thousands separator
DECIMAL_PLACES	NUMBER		Yes	(NUMBER type question only) The number of decimal places
CURRENCY_SYMBOL	VARCHAR2 (255)		Yes	(NUMBER type question only) The currency symbol, if any
OBJECT_VERSION_NUMBER	NUMBER (9)		No	WHO column
LAST_UPDATE_LOGIN	NUMBER		Yes	WHO column
LAST_UPDATE_DATE	DATE		No	WHO column
LAST_UPDATED_BY	VARCHAR2 (255)		No	WHO column
CREATION_DATE	DATE		No	WHO column
CREATED_BY	VARCHAR2 (255)		No	WHO column
TEXT_LINES	NUMBER		Yes	Number of lines for a multi-line text attribute
INCLUDE_ATTACHMENTS	VARCHAR2 (1)	'N'	No	For multiline text questions. 'Y' or 'N'
PERCENTAGE	VARCHAR2 (1)	'N'	No	Whether the question should be formatted as a percentage

Index Name	Type	Unique	Fields
ARM_QUESTIONS_U1	NORMAL	Yes	QUESTION_ID, OBJECT_ID
ARM_QUESTIONS_PK	NORMAL	Yes	QUESTION_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

ARM_QUESTION_LIST_VALUES

Stores the values for a list-type question

Primary Key(s): QUESTION_LIST_VALUE_ID

Field	Type	Nulls?	Comments
QUESTION_LIST_VALUE_ID	NUMBER (18)	No	Unique ID
QUESTION_ID	NUMBER (18)	No	Question the list value is associated with.
LIST_VALUE	VARCHAR2 (765)	No	The value
LIST_ORDER	NUMBER	No	The list value order within the question_id
OBJECT_VERSION_NUMBER	NUMBER (9)	No	WHO column
LAST_UPDATE_LOGIN	NUMBER	Yes	WHO column
LAST_UPDATE_DATE	DATE	No	WHO column
LAST_UPDATED_BY	VARCHAR2 (255)	No	WHO column
CREATION_DATE	DATE	No	WHO column
CREATED_BY	VARCHAR2 (255)	No	WHO column

Index Name	Type	Unique	Fields
ARM_QUESTION_LIST_VALUES_U1	NORMAL	Yes	QUESTION_ID, LIST_VALUE
ARM_QUESTION_LIST_VALUES_PK	NORMAL	Yes	QUESTION_LIST_VALUE_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

ARM_RATE_TYPES

Primary Key(s): RATE_TYPE_ID

Field	Type	Nulls?	Comments
RATE_TYPE_ID	NUMBER (18)	No	The Unique ID identifier – Primary key
RATE_TYPE_NAME	VARCHAR2 (765)	No	ARM Rate Type Name
SOURCE_SYSTEM_ID	NUMBER (18)	Yes	Source system identifier
SOURCE_SYSTEM_RATE_TYPE	VARCHAR2 (765)	Yes	Source System Rate Type
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.
CREATION_DATE	DATE	Yes	Who column: indicates the date and time of the creation of the row.

Field	Type	Nulls?	Comments
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
LAST_UPDATE_LOGIN	NUMBER	Yes	Who column: indicates the session login associated to the user who last updated the row.
OBJECT_VERSION_NUMBER	NUMBER	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.

Index Name	Type	Unique	Fields
ARM_RATE_TYPES_PK	NORMAL	Yes	RATE_TYPE_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

ARM_RECONCILIATIONS

Stores the reconciliation and reconciliation instances of the system. The reconciliation and reconciliation instances share the same columns except: START_DATE (instance) vs START_DATE_OFFSET (reconciliation) END_DATE (instance) vs END_DATE_OFFSET (reconciliation) SCHEDULE_ID (instance), null for reconciliations

Primary Key(s): RECONCILIATION_ID

Field	Type	Default	Nulls?	Comments
RECONCILIATION_ID	NUMBER (18)		No	The Reconciliation unique ID
RECONCILIATION_ACCOUNT_ID	VARCHAR2 (4000)		No	The concatenated account segment values.
RECONCILIATION_NAME	VARCHAR2 (765)		No	The reconciliation name
RECONCILIATION_DESCRIPTION	VARCHAR2 (4000)		Yes	The reconciliation description
PERIOD_ID	NUMBER (18)		Yes	The period ID of the reconciliation instance. Null for profiles
STATUS_ID	NUMBER (2)		Yes	The status of the reconciliation instance. NULL for reconciliations.
RESPONSIBILITY_LEVEL	NUMBER (9)		Yes	The current responsibility level of the reconciliation instance. NULL for reconciliations.

Field	Type	Default	Nulls?	Comments
PROCESS_ID	NUMBER (18)		Yes	The Process associated with the reconciliation. FK to ARM_PROCESSES. The Process determine how the Completeness Check is verified
FORMAT_ID	NUMBER (18)		Yes	The Format associated with the reconciliation. FK to ARM_FORMATS. This will determine the Reconciliation Method as well as the layout of the reconciliation as shown to the reconciler (preparer, approver, viewer, commentator).
RECONCILIATION_ACTIONS_ID	NUMBER (18)		Yes	The ID used for reconciliation actions/summary as an alternate ID to differentiate profile objects from action objects. Used to differentiate balance summary attributes from profile attributes, and attachments from references
ACCOUNT_TYPE_ID	NUMBER (18)		Yes	The account type ID, FK to ARM_ACCOUNT_TYPES
NORMAL_BALANCE	VARCHAR2 (1)		Yes	D = Debit, C = Credit, U = Unassigned, E = Either Debit or Credit
HISTORICAL_RATE	VARCHAR2 (1)		Yes	This flag determines is the object contains historical accounts and so no currency conversion is done using Fx rates
RATE_TYPE_ID	NUMBER (18)		Yes	Rate Type ID, FK to ARM_RATE_TYPES table
AUTO_RECONCILE_ZERO_BALANCE	VARCHAR2 (1)		Yes	No longer used. Taken care by new column AUTO_RECONCILIATION_METHOD
AUTO_RECONCILE_MATCH_BALANCE	VARCHAR2 (1)		Yes	No longer used. Taken care by new column AUTO_RECONCILIATION_METHOD
AUTOREC_THRESHOLD_PERCENT	NUMBER (3)		Yes	Percent threshold value for Auto reconciliation method Balance match (% tolerance). Value should be between 0 and 100
AUTO_RECONCILED	VARCHAR2 (1)		Yes	Whether the reconciliation was auto-reconciled
MAX_AGE_ADJUSTMENTS	NUMBER (9)		Yes	This is the maximum age that a Balance Explanation Transaction should be for this Reconciliation Account.
MAX_AGE_EXPLANATIONS	NUMBER (9)		Yes	
AGING_VIOLATION	VARCHAR2 (1)	'N'	Yes	Whether or not there is an aging violation in the reconciliation.

Field	Type	Default	Nulls?	Comments
EVER_BEEN_LATE	VARCHAR2 (1)		Yes	Whether the reconciliation has ever been late with any person
ENTER_SYSTEM_BALANCES	VARCHAR2 (1)	'N'	Yes	Flag to indicate if source system balances are manually entered by preparer or not. Values could be 'Y' or 'N'.
ENTER_SUBSYSTEM_BALANCES	VARCHAR2 (1)	'N'	Yes	Flag to indicate if subsystem balances are manually entered by preparer or not. Values could be 'Y' or 'N'.
NORMAL_BALANCE_VIOLATION	VARCHAR2 (1)	'N'	Yes	Whether or not there is a violation in the reconciliation's normal balance.
EXP_BALANCE_AGING_VIOLATION	VARCHAR2 (1)	'N'	Yes	Whether or not there is a violation in the reconciliation's expected balance.
SOURCE_SYSTEM_AGING_VIOLATION	VARCHAR2 (1)	'N'	Yes	Whether or not there is a violation in the reconciliation's source system.
SUBSYSTEM_AGING_VIOLATION	VARCHAR2 (1)	'N'	Yes	Whether or not there is a violation in the reconciliation's subsystem balance.
REJECTS	NUMBER (9)	0	Yes	The number of rejects performed
EMAIL_SENT	VARCHAR2 (3)		Yes	'Y' for sent and 'N' for email not sent. Needed for orchestrating BPEL flow.
EMAIL_SENT_DATE	DATE		Yes	The date when email was sent to the user. Used for constructing email notification content.
START_DATE	DATE		Yes	Start Date of the reconciliation instance. Same as the Start Date for the preparer.
END_DATE	DATE		Yes	End Date of the reconciliation instance. Same date as the End Date for the last reviewer.
ACTUAL_END_DATE	DATE		Yes	The date that the reconciliation was completed
START_OFFSET	NUMBER (9)		Yes	Start offset of the profile. Same as the start offset for the preparer.
SCHEDULE_FROM	VARCHAR2 (1)		Yes	Indicates how reconciliation start date is calculated by period dates, C - Close Date and E - End Date.
END_OFFSET	NUMBER (9)		Yes	End offset of the profile. Same as the end offset for the last reviewer.
OBJECT_VERSION_NUMBER	NUMBER (9)		No	Who column. A counter that increases each time the row is updated.
LAST_UPDATE_LOGIN	NUMBER		Yes	Who column. Stores the login/session ID of the user who last updated this row.
LAST_UPDATED_BY	VARCHAR2 (255)		No	Who column. Stores the ID of the user who last updated this row.
LAST_UPDATE_DATE	DATE		No	Who column. Stores the date when this row was last updated.

Field	Type	Default	Nulls?	Comments
CREATED_BY	VARCHAR2 (255)		No	Who column. Stores the ID of the user who created this row.
CREATION_DATE	DATE		No	Who column. Stores the date when this row was created in the database.
SUMMARY_RECONCILIATION	VARCHAR2 (1)		Yes	Whether the profile/reconciliation is a summary profile or not
SUMMARY_REC_TYPE	VARCHAR2 (1)		Yes	Whether the child accounts are filter or list type. Possible values are F – Filter, L – List.
SUMMARY_REC_FILTER_ID	NUMBER (18)		Yes	The filter ID stores the filter criteria for child accounts, used when summary reconciliation type is Filter.
PREPARER_UPDATE_DATE	DATE		Yes	Last time the preparer updated the reconciliation
AUTO_RECONCILIATION_METHOD	VARCHAR2 (50)		Yes	Auto Reconciliation method (code) name
AUTOREC_BALANCE_LOW	NUMBER (29, 12)		Yes	Lower limit for balance for Auto reconciliation methods with balance range
AUTOREC_BALANCE_HIGH	NUMBER (29, 12)		Yes	Upper limit for balance for Auto reconciliation methods with balance range
AUTOREC_THRESHOLD_NUMBER	NUMBER (29, 12)		Yes	Number threshold value for Auto reconciliation method Balance match (# tolerance)
ORG_ID	NUMBER (18)		Yes	
CALENDAR_ID	NUMBER (18)		Yes	Calendar used when during copy to period. Always null for profile, but not null for recon
ACTIVE	VARCHAR2 (1)	'Y'	No	

Index Name	Type	Unique	Fields
ARM_RECONCILIATIONS_N1	NORMAL	No	PERIOD_ID, RECONCILIATION_ACCOUNT_ID
ARM_RECONCILIATIONS_PK	NORMAL	Yes	RECONCILIATION_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

ARM_RECONCILIATION_BUCKETS

Primary Key(s): BUCKET_ID, RECONCILIATION_ID

Field	Type	Nulls?	Comments
BUCKET_ID	NUMBER (18)	No	Currency Bucket ID, FK to ARM_CURRENCY_BUCKETS
RECONCILIATION_ID	NUMBER (18)	No	Associated reconciliation ID, FK to ARM_RECONCILIATIONS
ENABLED	VARCHAR2 (1)	Yes	Y/N - Is this bucket enabled or not
DEFAULT_CURRENCY_ID	VARCHAR2 (3)	Yes	Default Currency ID
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Who column. A counter that increases each time the row is updated.
LAST_UPDATE_LOGIN	NUMBER	Yes	Who column. Stores the login/session ID of the user who last updated this row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column. Stores the ID of the user who last updated this row.
LAST_UPDATE_DATE	DATE	No	Who column. Stores the date when this row was last updated.
CREATED_BY	VARCHAR2 (255)	No	Who column. Stores the ID of the user who created this row.
CREATION_DATE	DATE	No	Who column. Stores the date when this row was created in the database.

Index Name	Type	Unique	Fields
ARM_PROFILE_BUCKETS_N1	NORMAL	No	RECONCILIATION_ID
ARM_PROFILE_BUCKETS_PK	NORMAL	Yes	BUCKET_ID, RECONCILIATION_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

ARM_REFERENCES

ARM_REFERENCES stores references for instructions of templates, schedules, task types, tasks or comments. There is one record for each reference of an object.

Primary Key(s): REFERENCE_ID

Field	Type	Nulls?	Comments
REFERENCE_ID	NUMBER (18)	No	Unique Identifier of the reference entry itself

Field	Type	Nulls?	Comments
OBJECT_ID	NUMBER (18)	No	OBJECT_ID refers to the object that this reference is being created for. It can be any of the following: 1. ARM_task.task_id: for instructions 2. ARM_deployment.deployment_id: for instructions 3. ARM_templates.template_id: for instructions 4. ARM_task_types.task_type_id : for instructions 5. ARM_comments.comment_id: for comments
REFERENCE_TYPE	VARCHAR2 (4)	No	Reference type. 'DOC' - document in Oracle Content Management Repository 'URL' - URL 'FILE' - uploaded document
REFERENCE_NAME	VARCHAR2 (765)	Yes	Reference name
URL	VARCHAR2 (4000)	Yes	Specified URL
UPLOADED_FILE	BLOB	Yes	User uploaded file content
FILE_NAME	VARCHAR2 (765)	Yes	User uploaded file name
FILE_MIMETYPE	VARCHAR2 (128)	Yes	User uploaded file mime type
DOC_ID	VARCHAR2 (30)	Yes	Unique document identifier in Oracle Content Management Repository
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	NUMBER	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.
CREATOR_ROLE	VARCHAR2 (3)	Yes	The owner role. P = Preparer, R# = Reviewer Level, C = Commentator, V = Viewer
CREATOR_ID	VARCHAR2 (255)	No	The user id of the person who created this. Supposedly we can't use the WHO columns for this.
USER_CREATION_DATE	DATE	No	Date when this attachment was created

Index Name	Type	Unique	Fields
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Index Name	Type	Unique	Fields
ARM_REFERENCES_N1	NORMAL	No	OBJECT_ID, REFERENCE_TYPE
ARM_REFERENCES_PK	NORMAL	Yes	REFERENCE_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

ARM_ROLE_ACCESS

Primary Key(s): ROLE_ACCESS_ID

Field	Type	Default	Nulls?
ROLE_ACCESS_ID	NUMBER (18)		No
OBJECT_ID	NUMBER (18)		No
OBJECT_TYPE	VARCHAR2 (1)	'V'	Yes
ROLE_NAME	VARCHAR2 (4)		No
ACCESS_TYPE	VARCHAR2 (1)		No
OBJECT_VERSION_NUMBER	NUMBER (9)		No
LAST_UPDATE_LOGIN	NUMBER		Yes
LAST_UPDATED_BY	VARCHAR2 (255)		No
LAST_UPDATE_DATE	DATE		No
CREATED_BY	VARCHAR2 (255)		No
CREATION_DATE	DATE		No

Index Name	Type	Unique	Fields
ARM_ROLE_ACCESS_PK	NORMAL	Yes	ROLE_ACCESS_ID
ARM_ROLE_ACCESS_N1	NORMAL	No	ACCESS_TYPE

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

ARM_STATUSES

Primary Key(s): STATUS_ID

Field	Type	Nulls?
STATUS_ID	NUMBER (2)	No
CATEGORY_ID	NUMBER (2)	No
STATUS	VARCHAR2 (32)	No
CATEGORY	VARCHAR2 (16)	Yes
TYPE	VARCHAR2 (1)	Yes
ICON	VARCHAR2 (64)	No
SORT_ORDER	NUMBER (2)	No
CATEGORY_SORT_ORDER	NUMBER (2)	No
OBJECT_VERSION_NUMBER	NUMBER	No
LAST_UPDATE_LOGIN	VARCHAR2 (255)	No
LAST_UPDATE_DATE	DATE	No
LAST_UPDATED_BY	VARCHAR2 (255)	No
CREATED_BY	VARCHAR2 (255)	No

Index Name	Type	Unique	Fields
ARM_STATUSES_PK	NORMAL	Yes	STATUS_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

ARM_SUMMARY_AMOUNTS

Stores the display values for various balance and transaction summaries. Needed for performance reasons

Primary Key(s): RECONCILIATION_ACCOUNT_ID, PERIOD_ID, BUCKET_ID, SUMMARY_TYPE

Field	Type	Nulls?	Comments
RECONCILIATION_ACCOUNT_ID	VARCHAR2 (4000)	No	The Account ID
PERIOD_ID	NUMBER (18)	No	The Period ID
BUCKET_ID	NUMBER (18)	No	The Bucket ID

Field	Type	Nulls?	Comments
SUMMARY_TYPE	VARCHAR2 (4)	No	BSRC = Balance Source System, BSUB = Balance Sub System, SRC = Adjustment to Source System, SUB = Adjustment to Sub System, BEX = Balance Explanation
AMOUNTS	VARCHAR2 (4000)	Yes	The amounts, broken up by currencies
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Who column - revision history
LAST_UPDATE_LOGIN	NUMBER	Yes	Who column, the login ID
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column - who last updated the row
LAST_UPDATE_DATE	DATE	No	Who column - when the row was last updated
CREATED_BY	VARCHAR2 (255)	No	Who column - who created the row
CREATION_DATE	DATE	No	Who column - Creation date

Index Name	Type	Unique	Fields
ARM_SUMMARY_AMOUNTS_N1	NORMAL	No	PERIOD_ID
ARM_SUMMARY_AMOUNTS_PK	NORMAL	Yes	RECONCILIATION_ACCOUNT_ID, PERIOD_ID, BUCKET_ID, SUMMARY_TYPE

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

ARM_SUMMARY_BALANCES

Primary Key(s): RECONCILIATION_ID, CHILD_RECON_ACCOUNT_ID, BALANCE_TYPE

Field	Type	Nulls?	Comments
RECONCILIATION_ID	NUMBER (18)	No	ID of the summary profile/reconciliation
CHILD_RECON_ACCOUNT_ID	VARCHAR2 (4000)	No	Account ID of the child profile/reconciliation
BALANCE_TYPE	VARCHAR2 (4)	No	The balance type: BEX SRC (Adjustments to source system) SUB (Adjustments to subsystem) BSRC (Source system balance) BSUB (Subsystem balance)
AMOUNT	NUMBER (29, 12)	No	
OBJECT_VERSION_NUMBER	NUMBER (9)	No	WHO Column
LAST_UPDATE_LOGIN	NUMBER	Yes	WHO Column
LAST_UPDATED_BY	VARCHAR2 (255)	No	WHO Column

Field	Type	Nulls?	Comments
LAST_UPDATE_DATE	DATE	No	WHO Column
CREATED_BY	VARCHAR2 (255)	No	WHO column
CREATION_DATE	DATE	No	WHO column

Index Name	Type	Unique	Fields
ARM_SUMMARY_BALANCES_PK	NORMAL	Yes	RECONCILIATION_ID, CHILD_RECON_ACCOUNT_ID, BALANCE_TYPE
ARM_SUMMARY_BALANCES_N1	NORMAL	No	RECONCILIATION_ID, BALANCE_TYPE

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

ARM_SUMMARY_RECON_MISSING_RATE

Primary Key(s):

Field	Type	Nulls?	Comments
EXECUTION_ID	NUMBER (18)	No	The execution id and unique ID identifier
RATE_TYPE_NAME	VARCHAR2 (765)	No	Missing Rate Type Name
FROM_CURRENCY	VARCHAR2 (15)	No	From Currency from child reconciliation currency
TO_CURRENCY	VARCHAR2 (15)	No	To Currency to summary reconciliation currency
SUMMARY_RECONCILIATION	VARCHAR2 (4000)	No	Summary Reconciliation Name
OBJECT_VERSION_NUMBER	NUMBER (9)	No	WHO column
LAST_UPDATE_LOGIN	NUMBER	Yes	WHO column
LAST_UPDATED_BY	VARCHAR2 (255)	No	WHO column
CREATION_DATE	DATE	No	WHO column
CREATED_BY	VARCHAR2 (255)	No	WHO column
LAST_UPDATE_DATE	DATE	No	WHO column

No Indexes

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

ARM_SUMMARY_REC_CHILDREN

Primary Key(s): RECONCILIATION_ID, CHILD_ACCOUNT_ID

Field	Type	Nulls?	Comments
RECONCILIATION_ID	NUMBER (18)	No	Reconciliation ID of the summary profile/reconciliation
CHILD_ACCOUNT_ID	VARCHAR2 (4000)	No	Account ID of the child account
OBJECT_VERSION_NUMBER	NUMBER (9)	No	WHO column
LAST_UPDATE_LOGIN	NUMBER	Yes	WHO column
LAST_UPDATED_BY	VARCHAR2 (255)	No	WHO column
LAST_UPDATE_DATE	DATE	No	WHO column
LAST_GENERATED_DATE	DATE	Yes	Date the child account was last successfully generated into the summary recon
CREATED_BY	VARCHAR2 (255)	No	WHO column
CREATION_DATE	DATE	No	WHO column

Index Name	Type	Unique	Fields
ARM_SUMMARY_REC_CHILDREN_NI	NORMAL	No	RECONCILIATION_ID
ARM_SUMMARY_REC_CHILDREN_PK	NORMAL	Yes	RECONCILIATION_ID, CHILD_ACCOUNT_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

ARM_TDATASEG_T

Primary Key(s): DATAKEY

Field	Type	Default	Nulls?	Comments
DATAKEY	NUMBER (31)		No	
LOADID	NUMBER (15)		No	

Field	Type	Default	Nulls?	Comments
PARTITIONKEY	NUMBER (10)		No	This is location id on ERPI
CATKEY	NUMBER (10)		No	
PERIODKEY	DATE		No	
CURKEY	VARCHAR2 (10)	"	Yes	
AMOUNT	NUMBER (29, 12)	0	No	
AMOUNTX	NUMBER (29, 12)	0	No	
ACCOUNT	VARCHAR2 (75)		No	
ACCOUNTX	VARCHAR2 (75)	"	Yes	
ENTITY	VARCHAR2 (75)	"	Yes	
ENTITYX	VARCHAR2 (75)	"	Yes	
ICP	VARCHAR2 (75)	"	Yes	
ICPX	VARCHAR2 (75)	"	Yes	
UD1	VARCHAR2 (75)	"	Yes	
UD1X	VARCHAR2 (75)	"	Yes	
UD2	VARCHAR2 (75)	"	Yes	
UD2X	VARCHAR2 (75)	"	Yes	
UD3	VARCHAR2 (75)	"	Yes	
UD3X	VARCHAR2 (75)	"	Yes	
UD4	VARCHAR2 (75)	"	Yes	
UD4X	VARCHAR2 (75)	"	Yes	
UD5	VARCHAR2 (75)	"	Yes	
UD5X	VARCHAR2 (75)	"	Yes	
UD6	VARCHAR2 (75)	"	Yes	
UD6X	VARCHAR2 (75)	"	Yes	
UD7	VARCHAR2 (75)	"	Yes	
UD7X	VARCHAR2 (75)	"	Yes	
UD8	VARCHAR2 (75)	"	Yes	
UD8X	VARCHAR2 (75)	"	Yes	
UD9	VARCHAR2 (75)	"	Yes	
UD9X	VARCHAR2 (75)	"	Yes	
UD10	VARCHAR2 (75)	"	Yes	
UD10X	VARCHAR2 (75)	"	Yes	
UD11	VARCHAR2 (75)	"	Yes	
UD11X	VARCHAR2 (75)	"	Yes	
UD12	VARCHAR2 (75)	"	Yes	
UD12X	VARCHAR2 (75)	"	Yes	
UD13	VARCHAR2 (75)	"	Yes	

Field	Type	Default	Nulls?	Comments
UD13X	VARCHAR2 (75)	"	Yes	
UD14	VARCHAR2 (75)	"	Yes	
UD14X	VARCHAR2 (75)	"	Yes	
UD15	VARCHAR2 (75)	"	Yes	
UD15X	VARCHAR2 (75)	"	Yes	
UD16	VARCHAR2 (75)	"	Yes	
UD16X	VARCHAR2 (75)	"	Yes	
UD17	VARCHAR2 (75)	"	Yes	
UD17X	VARCHAR2 (75)	"	Yes	
UD18	VARCHAR2 (75)	"	Yes	
UD18X	VARCHAR2 (75)	"	Yes	
UD19	VARCHAR2 (75)	"	Yes	
UD19X	VARCHAR2 (75)	"	Yes	
UD20	VARCHAR2 (75)	"	Yes	
UD20X	VARCHAR2 (75)	"	Yes	
VALID_FLAG	VARCHAR2 (1)		No	
CODE_COMBINATION_ID	VARCHAR2 (155)		Yes	
EXECUTION_ID	NUMBER (18)		Yes	
PERIOD_ID	NUMBER (18)		Yes	

Index Name	Type	Unique	Fields
ARM_TDATESEG_T_N1	NORMAL	No	LOADID, PERIODKEY
ARM_TDATESEG_T_N2	NORMAL	No	LOADID, VALID_FLAG
ARM_TDATESEG_T_PK	NORMAL	Yes	DATAKEY

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

ARM_TRANSACTIONS

Stores the transactions for reconciliations

Primary Key(s): TRANSACTION_ID

Field	Type	Default	Nulls?	Comments
TRANSACTION_ID	NUMBER (18)		No	Unique ID, primary key
TRANSACTION_CODE	VARCHAR2 (150)		Yes	Code to identify transaction

Field	Type	Default	Nulls?	Comments
TRANSACTION_DESCRIPTION	VARCHAR2 (4000)		Yes	Simple description
TRANSACTION_TYPE	VARCHAR2 (3)		No	The type of transaction - BEX (Balance Explanation), SRC (Adjustment to Source System), SUB (Adjustment to Subsystem)
RECONCILIATION_ID	NUMBER (18)		No	Reconciliation that the transaction belongs to
OPEN_DATE	DATE		Yes	Date the transaction opened
CLOSE_DATE	DATE		Yes	Date the transaction closed
AGING_VIOLATION	VARCHAR2 (1)	'N'	Yes	Whether or not there is an aging violation in the transaction.
AGE	NUMBER		Yes	Age of the transaction in days (Period End Date minus Transaction Open Date)
STATUS_FLAG	VARCHAR2 (1)	'N'	No	Stores the status - N (none), O (ok) and X (needs attention)
OBJECT_VERSION_NUMBER	NUMBER (9)		No	Who column.
LAST_UPDATE_LOGIN	NUMBER		Yes	Who column
LAST_UPDATED_BY	VARCHAR2 (255)		No	Who column
LAST_UPDATE_DATE	DATE		No	Who column
CREATED_BY	VARCHAR2 (255)		No	Who column
CREATION_DATE	DATE		No	Who column
ACCOUNT_ID	VARCHAR2 (4000)		Yes	The associated account ID, for transactions copied from child account
UPDATED	VARCHAR2 (1)		Yes	Whether or not the transaction was updated after being copied to the summary
SUMMARY_CREATED	VARCHAR2 (1)	'N'	No	Y - if this transaction was created in the summary recon N - otherwise
AMORT_ACCRETE	VARCHAR2 (1)	'N'	No	N (no), A (amortizing), C (accreting)
FROM_FDMEE	VARCHAR2 (1)	'N'	No	
PRIOR_TRANSACTION_ID	NUMBER (18)		Yes	

Index Name	Type	Unique	Fields
ARM_TRANSACTIONS_N2	NORMAL	No	ACCOUNT_ID
ARM_TRANSACTIONS_N1	NORMAL	No	RECONCILIATION_ID
ARM_TRANSACTIONS_PK	NORMAL	Yes	TRANSACTION_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

ARM_TRANSACTION_AMOUNTS

Stores the mapping between the reconciliation transaction amount and what bucket they fit into.

Primary Key(s): TRANS_AMOUNT_ID

Field	Type	Default	Nulls?	Comments
TRANS_AMOUNT_ID	NUMBER (18)		No	Unique ID
OBJECT_ID	NUMBER (18)		No	The object this transaction is associated with
CURRENCY_BUCKET_ID	NUMBER (18)		No	ID of the bucket that amount corresponds with
AMOUNT	NUMBER		No	The currency amount of the transaction
CURRENCY	VARCHAR2 (15)		Yes	The currency used for the transaction
OVERRIDE	VARCHAR2 (1)	'N'	No	Whether or not the user has overridden the amount. Y or N
OBJECT_VERSION_NUMBER	NUMBER (9)		No	Who column.
LAST_UPDATE_LOGIN	NUMBER		Yes	Who column.
LAST_UPDATED_BY	VARCHAR2 (255)		No	Who column.
LAST_UPDATE_DATE	DATE		No	Who column.
CREATED_BY	VARCHAR2 (255)		No	Who column.
CREATION_DATE	DATE		No	Who column.

Index Name	Type	Unique	Fields
ARM_TRANSACTION_AMOUNTS_U1	NORMAL	Yes	OBJECT_ID, CURRENCY_BUCKET_ID
ARM_TRANSACTION_AMOUNTS_PK	NORMAL	Yes	TRANS_AMOUNT_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

ARM_TRANSACTION_SUMMARIES

Primary Key(s): TRANSACTION_SUMMARY_ID

Field	Type	Nulls?	Comments
TRANSACTION_SUMMARY_ID	NUMBER (18)	No	The Primary Key
RECONCILIATION_ID	NUMBER (18)	No	The Reconciliaton ID
TRANSACTION_TYPE	VARCHAR2 (3)	No	The transaction type. Same values as ARM_TRANSACTIONS.TRANSACTION_TYPE
CURRENCY_BUCKET_ID	NUMBER (18)	No	The currency bucket ID
CURRENCY	VARCHAR2 (3)	No	The 3 character currency code
AMOUNT	NUMBER	Yes	The amount
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Who column.
LAST_UPDATE_LOGIN	NUMBER	Yes	Who column
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column
LAST_UPDATE_DATE	DATE	No	Who column
CREATED_BY	VARCHAR2 (255)	No	Who column
CREATION_DATE	DATE	No	Who column

Index Name	Type	Unique	Fields
ARM_TRANSACTION_SUMMARIES_N1	NORMAL	No	CURRENCY_BUCKET_ID, CURRENCY
ARM_TRANSACTION_SUMMARIES_U1	NORMAL	Yes	RECONCILIATION_ID, TRANSACTION_TYPE, CURRENCY_BUCKET_ID, CURRENCY
ARM_TRANSACTION_SUMMARIES_PK	NORMAL	Yes	TRANSACTION_SUMMARY_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

ARM_WORKFLOW_ACTIONS

Stores the workflow actions (submit and approve) for a profile instance. Does not store rejection actions.

Primary Key(s): ACTION_ID

Field	Type	Nulls?	Comments
ACTION_ID	NUMBER (18)	No	Unique ID
OBJECT_ID	NUMBER (18)	No	The object (profile instance) this action was for
ACTION_TYPE	VARCHAR2 (1)	No	The action type. S = submit, A = approve

Field	Type	Nulls?	Comments
ACTION_DATE	DATE	No	When the action took place
ACTION_LEVEL	NUMBER (9)	Yes	Approval only. The approval level this approval was for. Matches access order_seq column
ACTION_BY_USER_ID	VARCHAR2 (255)	No	Which user performed this action
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Who column. A counter that increases each time the row is updated.
LAST_UPDATE_LOGIN	NUMBER	Yes	Who column. Stores the login/session ID of the user who last updated this row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column. Stores the ID of the user who last updated this row.
LAST_UPDATE_DATE	DATE	No	Who column. Stores the date when this row was last updated.
CREATED_BY	VARCHAR2 (255)	No	Who column. Stores the ID of the user who created this row.
CREATION_DATE	DATE	No	Who column. Stores the date when this row was created in the database.

Index Name	Type	Unique	Fields
ARM_WORKFLOW_ACTIONS_PK	NORMAL	Yes	ACTION_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

ARM_WORKFLOW_HISTORY

Primary Key(s): WORKFLOW_HISTORY_ID

Field	Type	Nulls?
WORKFLOW_HISTORY_ID	NUMBER (18)	No
RECONCILIATION_ID	NUMBER (18)	Yes
RESPONSIBILITY_LEVEL	NUMBER (9)	Yes
USER_ID	VARCHAR2 (255)	Yes
ACTION	VARCHAR2 (1)	Yes
OBJECT_VERSION_NUMBER	NUMBER (9)	Yes
CREATED_BY	VARCHAR2 (255)	Yes
CREATION_DATE	DATE	Yes

Field	Type	Nulls?
LAST_UPDATED_BY	VARCHAR2 (255)	Yes
LAST_UPDATE_DATE	DATE	Yes
LAST_UPDATE_LOGIN	NUMBER	Yes

Index Name	Type	Unique	Fields
ARM_WORKFLOW_HISTORY_PK	NORMAL	Yes	WORKFLOW_HISTORY_ID
ARM_WORKFLOW_HISTORY_N1	NORMAL	No	RECONCILIATION_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCC_ACCESS

Used to store the access that users have to a given object. There is one record for each access type to an object. e.g., User FALIU has Viewer access to Task 1 and ROLEVINE has Assignee access to the same task would cause two records to be written out. This table is used all over our code to figure out who has access to what as well as adding, updating a removing records from the table itself.

Primary Key(s): ACCESS_ID

Field	Type	Default	Nulls?	Comments
SOURCE_ID	NUMBER (18)		No	Source ID must be one of the following: TASK_ID, TEMPLATE_ID, DEPLOYMENT_ID
USER_TYPE	VARCHAR2 (1)		Yes	'G' - Group 'U' -User
USER_ID	VARCHAR2 (255)		Yes	CSS id, e.g., native://DN=cn=911,ou=People,dc=css,dc=hyperion,dc=com?USER
ACCESS_TYPE	VARCHAR2 (2)		No	'AP' - Approver 'AS' - Assignee 'VW' - Viewer
APPROVER_ORDER_SEQ	NUMBER (2)		Yes	1-based index that denotes where in the workflow this approver appears with respect to the other approvers
OBJECT_VERSION_NUMBER	NUMBER (9)		No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.

Field	Type	Default	Nulls?	Comments
LAST_UPDATE_LOGIN	VARCHAR2 (255)		Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATE_DATE	DATE		No	Who column: indicates the date and time of the last update of the row.
LAST_UPDATED_BY	VARCHAR2 (255)		No	Who column: indicates the user who last updated the row.
CREATION_DATE	DATE		No	Who column: indicates the date and time of the creation of the row.
CREATED_BY	VARCHAR2 (255)		No	Who column: indicates the user who created the row.
ORIGINAL_USER_ID	VARCHAR2 (255)		Yes	
ACCESS_ID	NUMBER (18)		No	
ACTIVE_USER_ID	VARCHAR2 (255)		Yes	
BACKUP_USER_ID	VARCHAR2 (255)		Yes	
START_DATE	DATE		Yes	
END_DATE	DATE		Yes	
EVER_BEEN_LATE	VARCHAR2 (1)		Yes	
REQUIRE_ALL	VARCHAR2 (1)		Yes	
DURATION	NUMBER (18)		Yes	
SCHEDULED_START_DATE	DATE		Yes	
SCHEDULED_END_DATE	DATE		Yes	
ACTUAL_END_DATE	DATE		Yes	
REJECTS	NUMBER (9)	0	Yes	

Index Name	Type	Unique	Fields
FCC_ACCESS_N1	NORMAL	No	USER_ID, ACCESS_TYPE
FCC_ACCESS_PK	NORMAL	Yes	ACCESS_ID
FCC_ACCESS_INDEX	NORMAL	No	SOURCE_ID, USER_ID, ACCESS_TYPE

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCC_ACCESS_SNAPSHOT

Primary Key(s): OBJECT_ID, ACCESS_LEVEL, USER_COLLECTION_ID, USER_ID

Field	Type	Nulls?
OBJECT_ID	NUMBER (18)	No
USER_COLLECTION_ID	VARCHAR2 (255)	No
USER_COLLECTION_TYPE	VARCHAR2 (1)	Yes
USER_ID	VARCHAR2 (255)	No
ACCESS_LEVEL	NUMBER (2)	No
COMPLETED	VARCHAR2 (1)	Yes
DATE_COMPLETED	DATE	Yes
OBJECT_VERSION_NUMBER	NUMBER (9)	No
CREATION_DATE	DATE	Yes
CREATED_BY	VARCHAR2 (255)	No
LAST_UPDATE_DATE	DATE	Yes
LAST_UPDATED_BY	VARCHAR2 (255)	No
LAST_UPDATE_LOGIN	VARCHAR2 (255)	Yes

Index Name	Type	Unique	Fields
FCC_ACCESS_SNAPSHOT_PK	NORMAL	Yes	OBJECT_ID, ACCESS_LEVEL, USER_COLLECTION_ID, USER_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCC_ALERTS

This table stores the Alerts raised for a Task.

Primary Key(s): ALERT_ID

Field	Type	Nulls?	Comments
ALERT_ID	NUMBER (18)	No	Identifier of the Alert
CLOSED_DATE	DATE	Yes	Date when the Alert is Closed.
RE_APPROVER_ID	VARCHAR2 (255)	Yes	User Id of the Original Approver
OWNER_ID	VARCHAR2 (255)	Yes	User Id of the Owner
SOURCE_ID	NUMBER (18)	No	Id of the Task, the Alert is tied to
ALERT_TYPE_ID	NUMBER (18)	Yes	Identifier of the Alert Type
PRIORITY	NUMBER (1)	No	Priority of the Alert
ALERT_NAME	VARCHAR2 (240)	No	Name of the Alert

Field	Type	Nulls?	Comments
DESCRIPTION	VARCHAR2 (765)	No	Description of the Alert
STATUS_ID	NUMBER (2)	No	Status Id
ASSIGNEE_ID	VARCHAR2 (255)	No	User Id of the Assignee
RE_ASSIGNEE_ID	VARCHAR2 (255)	Yes	User Id of the Original Assignee
APPROVER_ID	VARCHAR2 (255)	Yes	User Id of the Approver
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2 (255)	No	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.
COMPOSITE_INSTANCE_ID	VARCHAR2 (80)	Yes	
APP_ID	NUMBER (1)	No	Identifier for the application to which the row corresponds to ARM:0 FCM:1 TAX:2

Index Name	Type	Unique	Fields
FCC_ALERTS_INDEX1	NORMAL	No	SOURCE_ID
FCC_ALERTS_INDEX2	NORMAL	No	OWNER_ID
FCC_ALERTS_INDEX3	NORMAL	No	ASSIGNEE_ID
FCC_ALERTS_INDEX4	NORMAL	No	ALERT_TYPE_ID
FCC_ALERTS_PK	NORMAL	Yes	ALERT_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCC_ALERT_TYPES

This table stores the Alert Types

Primary Key(s): ALERT_TYPE_ID

Field	Type	Default	Nulls?	Comments
ALERT_TYPE_ID	NUMBER (18)		No	Identifier of the Alert Type
ENABLED	VARCHAR2 (1)	'Y'	Yes	Enabled Flag. Stores value Y or N
ALERT_TYPE_NAME	VARCHAR2 (240)		No	Name of the Alert Type
DESCRIPTION	VARCHAR2 (765)		Yes	Description of the Alert Type
OBJECT_VERSION_NUMBER	NUMBER (9)		No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2 (255)		No	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATE_DATE	DATE		No	Who column: indicates the date and time of the last update of the row.
LAST_UPDATED_BY	VARCHAR2 (255)		No	Who column: indicates the user who last updated the row.
CREATION_DATE	DATE		No	Who column: indicates the date and time of the creation of the row.
CREATED_BY	VARCHAR2 (255)		No	Who column: indicates the user who created the row.
APP_ID	NUMBER (1)		No	Identifier for the application to which the row corresponds to ARM:0 FCM:1 TAX:2

Index Name	Type	Unique	Fields
FCC_ALERT_TYPES_PK	NORMAL	Yes	ALERT_TYPE_ID

No Check Constraints**No Internal Foreign Keys****No External Foreign Keys****No Enabled Triggers*****FCC_ASSIGNMENT_REQUESTS*****Primary Key(s): ASSIGNMENT_REQUEST_ID**

Field	Type	Nulls?	Comments
ASSIGNMENT_REQUEST_ID	NUMBER (18)	No	the object Id

Field	Type	Nulls?	Comments
PERIOD_ID	NUMBER (18)	Yes	id of period of items in request
RESPONSIBILITY_LEVEL	NUMBER (9)	Yes	the role level at which the request was created
REQUESTED_TARGET_ID	VARCHAR2 (255)	Yes	Who it is requested to be reassigned to
REQUESTED_TARGET_TYPE	VARCHAR2 (1)	Yes	type of target: U, G, T
JUSTIFICATION	VARCHAR2 (4000)	Yes	request justification text
INCLUDE_FUTURE	VARCHAR2 (1)	Yes	flag indicating that future items should be reassigned as well
STATUS_ID	NUMBER (9)	Yes	the status of the request
EMAIL_SENT	VARCHAR2 (1)	Yes	
EMAIL_SENT_DATE	DATE	Yes	
OBJECT_VERSION_NUMBER	NUMBER (18)	No	version stamp
CREATED_BY	VARCHAR2 (255)	No	creator id
CREATION_DATE	DATE	No	creation timestamp
LAST_UPDATED_BY	VARCHAR2 (255)	No	modifier id
LAST_UPDATE_DATE	DATE	No	modifier timestamp
LAST_UPDATE_LOGIN	NUMBER	Yes	numercial id of last modifier

Index Name	Type	Unique	Fields
FCC_ASSIGNMENT_REQUESTS_PK	NORMAL	Yes	ASSIGNMENT_REQUEST_ID
FCC_ASSIGNMENT_REQUESTS_N1	NORMAL	No	PERIOD_ID, STATUS_ID
FCC_ASSIGNMENT_REQUESTS_N2	NORMAL	No	PERIOD_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCC_ASSIGNMENT_REQUEST_ITEMS

Primary Key(s): ASSIGNMENT_ITEM_ID

Field	Type	Nulls?	Comments
ASSIGNMENT_ITEM_ID	NUMBER (18)	No	object id
ASSIGNMENT_REQUEST_ID	NUMBER (18)	No	object id of parent request item
OBJECT_ID	NUMBER (18)	No	object id of item to be assigned
OBJECT_TYPE	VARCHAR2 (1)	No	object type of item to be assigned

Field	Type	Nulls?	Comments
ACTUAL_TARGET_ID	VARCHAR2 (255)	Yes	user id of approved target
ACTUAL_TARGET_TYPE	VARCHAR2 (1)	Yes	target type: U,G,T
ORIGINAL_ASSIGNEE_ID	VARCHAR2 (255)	Yes	id of original assignee for object
ORIGINAL_ASSIGNEE_TYPE	VARCHAR2 (1)	Yes	type of original assignee for object
STATUS_FLAG	VARCHAR2 (1)	Yes	status of item: null, A, R
STATUS_FUTURE_FLAG	VARCHAR2 (1)	Yes	
EMAIL_SENT	VARCHAR2 (1)	Yes	
EMAIL_SENT_DATE	DATE	Yes	
OBJECT_VERSION_NUMBER	NUMBER (9)	No	version stamp
LAST_UPDATE_LOGIN	NUMBER	Yes	id of last modifier
LAST_UPDATED_BY	VARCHAR2 (255)	No	id of last modifier
LAST_UPDATE_DATE	DATE	No	timestamp of last modification
CREATED_BY	VARCHAR2 (255)	No	id of creator
CREATION_DATE	DATE	No	timestamp of creation

Index Name	Type	Unique	Fields
FCC_ASSIGNMENT_REQUESTI_PK	NORMAL	Yes	ASSIGNMENT_ITEM_ID
FCC_ASSIGNMENT_ITEMS_N1	NORMAL	No	ASSIGNMENT_REQUEST_ID
FCC_ASSIGNMENT_ITEMS_N2	NORMAL	No	OBJECT_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCC_BPEL_INSTANCES

FCC_BPEL_INSTANCES stores BPEL instance identifiers of Join Trigger (BPEL_TYPE 'J'), Broadcast Trigger (BPEL_TYPE 'B') or Task Execution (BPEL_TYPE 'T') BPEL processes for tasks.

Primary Key(s): TASK_ID, BPEL_TYPE

Field	Type	Nulls?	Comments
TASK_ID	NUMBER (19)	No	Close Manager Task Identifier, could be successor task or predecessor task.
BPEL_INSTANCE_ID	VARCHAR2 (20)	Yes	BPEL process instance identifier given by SOA server.
BPEL_TYPE	VARCHAR2 (1)	No	BPEL process type, valid values are B (Broadcast Trigger), J (Join Trigger) and T (Task Execution).

Field	Type	Nulls?	Comments
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2 (255)	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.

Index Name	Type	Unique	Fields
FCC_BPEL_INSTANCES_N1	NORMAL	No	BPEL_INSTANCE_ID
FCC_BPEL_INSTANCES_PK	NORMAL	Yes	TASK_ID, BPEL_TYPE

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCC_CALENDAR_DAYS

A table to track non-working days in a given year. Used for scheduling.

Primary Key(s):

Field	Type	Nulls?	Comments
YEAR	NUMBER (4)	No	The year
NON_WORKING_DAY_ID	NUMBER (18)	No	The identifier of a non-working day for a given year.
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.

Field	Type	Nulls?	Comments
LAST_UPDATE_LOGIN	VARCHAR2 (255)	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.

Index Name	Type	Unique	Fields
FCC_CALENDAR_DAYS_U1	NORMAL	Yes	YEAR, NON_WORKING_DAY_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCC_COMMENTS

Stores the relation between the object and the text record that stores the comment.

Primary Key(s): COMMENT_ID

Field	Type	Nulls?	Comments
COMMENT_ID	NUMBER (18)	No	Unique identifier
TARGET_ID	NUMBER (18)	Yes	Id of the object the Comment is tied to. It can be any of the following: 1. Task 2. Alerts
CREATOR_ID	VARCHAR2 (255)	No	The user id of the person who created this. Supposedly we can't use the WHO columns for this.
USER_CREATION_DATE	DATE	No	date when this comment was created
OBJECT_VERSION_NUMBER	NUMBER (18)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2 (255)	Yes	Who column: indicates the session login associated to the user who last updated the row.

Field	Type	Nulls?	Comments
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.

Index Name	Type	Unique	Fields
FCC_COMMENTS_INDEX1	NORMAL	No	TARGET_ID
FCC_COMMENTS_PK	NORMAL	Yes	COMMENT_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCC_COMPOSITE_TEMPLATES

FCC_COMPOSITE_TEMPLATES table stores seeded template files for generating Main Orchestration composite for running schedules or Mediator composite for Integration Types.

Primary Key(s): COMPOSITE_TEMPLATE_ID

Field	Type	Nulls?	Comments
COMPOSITE_TEMPLATE_ID	NUMBER (19)	No	Unique Identifier for each seed template.
COMPOSITE_TYPE	VARCHAR2 (1)	No	Composite type for seed template. Valid values are 'I' for mediator composite and 'D' for main orchestration composite.
TEMPLATE_PATH	VARCHAR2 (256)	Yes	Relative directory of the seed template file.
TEMPLATE_NAME	VARCHAR2 (128)	No	Seed template file name.
TEMPLATE_CONTENT	CLOB	Yes	Seed template content.
COMPOSITE_SUB_TYPE	VARCHAR2 (1)	Yes	Composite Sub-Type, used to distinguish files related to Oracle Apps Adapter and JMS Adapter. A for Oracle Apps Adapter and J for JMS Adapter.
IS_MULTIPLE	VARCHAR2 (1)	Yes	

Index Name	Type	Unique	Fields
FCC_COMPOSITE_TEMPLATES_PK	NORMAL	Yes	COMPOSITE_TEMPLATE_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCC_DAY_LABELS

Used to store user specified labels for days. E.g. "Begin data load" for the day 10 days before day zero.

Primary Key(s): TASKSET_ID, DAY_NUMBER

Field	Type	Nulls?	Comments
TASKSET_ID	NUMBER (18)	No	The taskset identifier for which this day label belongs.
DAY_NUMBER	DATE	No	The date of the day number.
DAY_LABEL	VARCHAR2 (60)	Yes	The user given label for a given day. E.g. "Day Zero".
TASKSET_TYPE	VARCHAR2 (10)	No	The type of the taskset = ('DEPLOYMENT','TEMPLATE')
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2 (255)	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATE_DATE	DATE	Yes	Who column: indicates the date and time of the last update of the row.
LAST_UPDATED_BY	VARCHAR2 (255)	Yes	Who column: indicates the user who last updated the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.

Index Name	Type	Unique	Fields
FCC_DAY_LABELS_PK	NORMAL	Yes	TASKSET_ID, DAY_NUMBER

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCC_DEPLOYMENTS

This table stores details about close schedules. There is one record for each schedule in the system. Valid values for STATUS column is PENDING, OPEN, CLOSED and LOCKED.

Primary Key(s): DEPLOYMENT_ID

Field	Type	Default	Nulls?	Comments
DEPLOYMENT_ID	NUMBER (18)		No	Unique Identifier for close schedules.
TEMPLATE_ID	NUMBER (18)		Yes	Template Identifier for the schedule, could be null.
DEPLOYMENT_NAME	VARCHAR2 (240)		No	Schedule name
DESCRIPTION	VARCHAR2 (765)		Yes	Schedule description
YEAR_ID	NUMBER (18)		No	Unique identifier for Year dimension.
PERIOD_ID	NUMBER (18)		No	Unique identifier for Period dimension
STATUS	VARCHAR2 (8)		No	Schedule status, possible values are: PENDING, OPEN, CLOSED and LOCKED
PAUSED	VARCHAR2 (1)		No	Indicate if the schedule is paused or not, possible values are Y or N
START_DATE	DATE		No	Schedule start date
END_DATE	DATE		No	Schedule end date
DAY_ZERO_DATE	DATE		Yes	Day zero date specified when creating a schedule.
OWNER_ID	VARCHAR2 (255)	'ptoukhanian@oracle.com'	No	Schedule owner identifier
OBJECT_VERSION_NUMBER	NUMBER (9)		No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2 (255)		Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATE_DATE	DATE		No	Who column: indicates the date and time of the last update of the row.
LAST_UPDATED_BY	VARCHAR2 (255)		No	Who column: indicates the user who last updated the row.
CREATION_DATE	DATE		No	Who column: indicates the date and time of the creation of the row.
CREATED_BY	VARCHAR2 (255)		No	Who column: indicates the user who created the row.
APP_ID	NUMBER (1)		No	Identifier for the application to which the row corresponds to ARM:0 FCM:1 TAX:2
OWNER_USER_TYPE	VARCHAR2 (1)		Yes	
ORG_ID	NUMBER (18)		Yes	

Index Name	Type	Unique	Fields
FCC_DEPLOYMENTS_IDX_NAME	FUNCTION-BASED NORMAL	Yes	SYS_NC00022\$, APP_ID
FCC_DEPLOYMENTS_INDEX1	NORMAL	No	TEMPLATE_ID
FCC_DEPLOYMENTS_PK	NORMAL	Yes	DEPLOYMENT_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCC_EMBEDDED_TEMPLATES

Table used to maintain containing and embedded template relationships.

Primary Key(s): CONTAINER_TEMPLATE_ID, EMBEDDED_TEMPLATE_ID

Field	Type	Nulls?	Comments
CONTAINER_TEMPLATE_ID	NUMBER (18)	No	The identifier of the containing template. This is the template that the tasks from the embedded template are added to.
EMBEDDED_TEMPLATE_ID	NUMBER (18)	No	Identifier of the embedded template. This refers to the template that will be included when the schedule is created from the containing template.
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2 (255)	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATE_DATE	DATE	Yes	Who column: indicates the date and time of the last update of the row.
LAST_UPDATED_BY	VARCHAR2 (255)	Yes	Who column: indicates the user who last updated the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.

Index Name	Type	Unique	Fields
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Index Name	Type	Unique	Fields
FCC_EMBEDDED_TEMPLATES_N1	NORMAL	No	EMBEDDED_TEMPLATE_ID
FCC_EMBEDDED_TEMPLATES_PK	NORMAL	Yes	CONTAINER_TEMPLATE_ID, EMBEDDED_TEMPLATE_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCC_GLOBAL_INTEGRATION_TOKENS

Primary Key(s): GLOBAL_INTEGRATION_TOKEN_ID

Field	Type	Nulls?	Comments
GLOBAL_INTEGRATION_TOKEN_ID	NUMBER (18)	No	Unique Id
GLOBAL_INTEGRATION_TOKEN_VALUE	VARCHAR2 (765)	No	value of parameter
GLOBAL_INTEGRATION_TOKEN_NAME	VARCHAR2 (765)	No	Parameter display name
GLOBAL_INTEGRATION_TOKEN_TYPE	VARCHAR2 (25)	No	possible values are 'task attributes' and 'static attributes'
OBJECT_VERSION_NUMBER	NUMBER	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2 (255)	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.
APP_ID	NUMBER (1)	No	Identifier for the application to which the row corresponds to ARM:0 FCM:1 TAX:2

Index Name	Type	Unique	Fields
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Index Name	Type	Unique	Fields
FCC_GLOBAL_INT_TOKEN_PK	NORMAL	Yes	GLOBAL_INTEGRATION_TOKEN_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCC_HISTORY

Stores the history of a task, template, schedule or task type

Primary Key(s): HISTORY_FIELD_ID

Field	Type	Nulls?	Comments
HISTORY_FIELD_ID	NUMBER (18)	No	The history field unique identifier
OBJECT_ID	NUMBER (18)	No	The object ID that this history entry belongs to
SUPPORTING_OBJECT	VARCHAR2 (765)	Yes	A supporting object ID/name. This is used to help properly display the history entry in the history tab. What is stored here depends on the field ID
FIELD_ID	NUMBER (9)	No	The field ID which states what field (such as task name, start date, end date, etc.) changed. Refer to HistoryManager.java for the full enumeration
CHANGE_TYPE_ID	NUMBER (9)	No	The ID of the change type, such as Added, Removed, Modified, etc. Refer to HistoryManager.java for the full enumeration
OLD_VALUE	VARCHAR2 (4000)	Yes	The prior value of the field
NEW_VALUE	VARCHAR2 (4000)	Yes	The new value of the field
CHANGED_BY	VARCHAR2 (255)	No	The person who made the modification
CHANGED_ON	TIMESTAMP(6)	No	The date of the modification
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	NUMBER	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.

Field	Type	Nulls?	Comments
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.
SUPPORTING_OBJECT_ID	NUMBER (18)	Yes	

Index Name	Type	Unique	Fields
FCC_HISTORY_N1	NORMAL	No	OBJECT_ID
FCC_HISTORY_PK	NORMAL	Yes	HISTORY_FIELD_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCC_INTEGRATION_APPS

Stores the applications of the system

Primary Key(s): APPLICATION_ID

Field	Type	Nulls?	Comments
APPLICATION_ID	NUMBER (18)	No	Application ID
APPLICATION_NAME	VARCHAR2 (90)	Yes	The name of the application
WEB_APP	VARCHAR2 (255)	Yes	The WEB_APP Constant in the HIT registry
WEBSERVICE	VARCHAR2 (255)	Yes	The Webservice entry in the HIT registry
USER_CREATED	VARCHAR2 (1)	No	Whether the application was created by a user via hte UI (otherwise imported from a FCM-released XML file)
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2 (255)	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.

Field	Type	Nulls?	Comments
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.
SECURITY_POLICY	VARCHAR2 (255)	Yes	The security policy. If null, will default to the WS 11 Saml token policy
RESPONSE_SECURITY_POLICY	VARCHAR2 (255)	Yes	The security policy of an asynch webservice response call. Defaults to the same as SECURITY_POLICY
KEYSTORE_RECIPIENT_ALIAS	VARCHAR2 (80)	Yes	The keystore recipient alias, if needed to be specified.
APP_ID	NUMBER (1)	No	Identifier for the application to which the row corresponds to ARM:0 FCM:1 TAX:2

Index Name	Type	Unique	Fields
FCC_INTEGRATION_APPS_U1	FUNCTION-BASED NORMAL	Yes	APP_ID, SYS_NC00016\$
FCC_INTEGRATION_APPS_PK	NORMAL	Yes	APPLICATION_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCC_INTEGRATION_APP_PARAMS

Stores the application-level token/value pairs

Primary Key(s): APPLICATION_ID, PARAMETER_NAME

Field	Type	Nulls?	Comments
APPLICATION_ID	NUMBER	No	Application ID - FK to FCC_INTEGRATION_APPS
PARAMETER_NAME	VARCHAR2 (240)	No	The token name
PARAMETER_VALUE	VARCHAR2 (765)	Yes	The token value
OBJECT_VERSION_NUMBER	NUMBER	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.

Field	Type	Nulls?	Comments
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.
LAST_UPDATE_LOGIN	NUMBER	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.

Index Name	Type	Unique	Fields
FCC_INTEGRATION_APP_PARAM_PK	NORMAL	Yes	APPLICATION_ID, PARAMETER_NAME
FCC_INTEGRATION_APP_PARAMS_UI	FUNCTION-BASED NORMAL	Yes	APPLICATION_ID, SYS_NC00010\$

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCC_LOOKUP

The lookup table for translated static lists

Primary Key(s): TYPE, CODE

Field	Type	Nulls?	Comments
TYPE	VARCHAR2 (20)	No	UDA_TYPE - User Defined Attributes QUESTION?_TYPE - Questions PRIORITY - Priority DEPLOY_STATUS - Deployment Status DEPLOY_PAUSED - Deployment Paused REFERENCE_TYPE - Reference type
CODE	VARCHAR2 (32)	No	Internal code used to map to Meaning
MEANING	VARCHAR2 (64)	Yes	NOTE: This column is not necessary. I just thought it'd be easier for developers to see the meaning with the code in the table
SORT_ORDER	NUMBER (18)	Yes	Used only if you can't sort alphabetically by meaning.

Index Name	Type	Unique	Fields
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Index Name	Type	Unique	Fields
FCC_LOOKUP_PK	NORMAL	Yes	TYPE, CODE

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCC_PERIODS

Stores the periods of the system

Primary Key(s): PERIOD_ID

Field	Type	Nulls?	Comments
PERIOD_ID	NUMBER (18)	No	Identifier for the period.
PARENT_PERIOD_ID	NUMBER (18)	Yes	The identifier of the parent period. For instance a Q1 period would be the parent of January, February and March.
PERIOD_NAME	VARCHAR2 (240)	No	The name for the period e.g. "Q1", "January", etc.
PERIOD_ORDER	NUMBER (4)	Yes	The order in which the periods should be displayed.
DESCRIPTION	VARCHAR2 (3000)	Yes	A field to allow for additional information describing the period.
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2 (255)	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.
APP_ID	NUMBER (1)	No	Identifier for the application to which the row corresponds to ARM:0 FCM:1 TAX:2

Index Name	Type	Unique	Fields
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Index Name	Type	Unique	Fields
FCC_PERIODS_N1	NORMAL	No	PARENT_PERIOD_ID
FCC_PERIODS_PK	NORMAL	Yes	PERIOD_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCC_PORTLETS

Stores definitions of dashboard portlets

Primary Key(s): ID, USER_ID

Field	Type	Nulls?	Comments
ID	VARCHAR2 (5)	No	unique identifier for portlet for user
USER_ID	VARCHAR2 (255)	No	portlet owner identity
SEQUENCE	NUMBER (2)	Yes	order of portlet in user interface
STATE	NUMBER (1)	Yes	state of portlet: 0 normalized, 1 maximized, 2 minimized
TYPE	NUMBER (1)	Yes	portlet type: 0 tasklist, 1 worklist, 2 status chart, 3 status overview
DEFINITION	CLOB	Yes	XML description of portlet state, filter settings, column ordering, etc.
APP_ID	NUMBER (1)	No	Identifier for the application to which the row corresponds to ARM:0 FCM:1 TAX:2
PORTLET_NAME	VARCHAR2 (192)	Yes	title of portlet
FILTER_ID	NUMBER (18)	Yes	id of portlet filter entry in FCM_FILTERS
SAVED_FILTER_ID	NUMBER (18)	Yes	id of selected saved filter in FCM_FILTERS
LAST_UPDATE_DATE	DATE	Yes	most recent modification date stamp

Index Name	Type	Unique	Fields
FCC_PORTLETS_PK	NORMAL	Yes	ID, USER_ID
FCC_PORTLETS_N1	NORMAL	No	USER_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCC_QUESTIONS

All the questions for all the objects (Tasks and TaskTypes)

Primary Key(s): QUESTION_ID

Field	Type	Default	Nulls?	Comments
QUESTION_ID	NUMBER (18)		No	Unique identifier
QUESTION_TEXT	VARCHAR2 (4000)		No	The actual text of the question
QUESTION_TYPE_LOOKUP_CODE	VARCHAR2 (25)		No	Code (BOOLEAN, TEXT, NUMBER, etc)
REQUIRED	VARCHAR2 (1)		No	Y or N
QUESTION_ORDER_SEQ	NUMBER		No	The order in which the question should appear when posed to the user to answer.
TARGET_ID	NUMBER (18)		No	Id of the object the question is tied to. Currently it's always a task
INHERITED	VARCHAR2 (1)	'N'	No	Y for yes, N for no - has this information been inherited from a task type
OBJECT_VERSION_NUMBER	NUMBER (18)		No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2 (255)		Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATE_DATE	DATE		No	Who column: indicates the date and time of the last update of the row.
LAST_UPDATED_BY	VARCHAR2 (255)		No	Who column: indicates the user who last updated the row.
CREATION_DATE	DATE		No	Who column: indicates the date and time of the creation of the row.
CREATED_BY	VARCHAR2 (255)		No	Who column: indicates the user who created the row.
FORMAT	VARCHAR2 (255)		Yes	Display format for NUMBER type question
NEGATIVE_NUMBER_FORMAT	VARCHAR2 (15)		Yes	Format for a NUMBER type question. Used if the number is negative.
SCALE	VARCHAR2 (15)		Yes	SCALE for a NUMBER type question.
THOUSANDS_SEPARATOR_FLAG	VARCHAR2 (1)		Yes	Thousands separator character for NUMBER type question
DECIMAL_PLACES	NUMBER (2)		Yes	# of decimal places for NUMBER question
CURRENCY_SYMBOL	VARCHAR2 (255)		Yes	Currency Symbol for a NUMBER type question

Field	Type	Default	Nulls?	Comments
TEXT_LINES	NUMBER		Yes	Number of lines of text to display
INCLUDE_ATTACHMENTS	VARCHAR2 (1)	'N'	No	For multiline text questions. 'Y' or 'N'
PERCENTAGE	VARCHAR2 (1)	'N'	No	Whether the question should be formatted as a percentage

Index Name	Type	Unique	Fields
FCC_QUESTIONS_INDEX1	NORMAL	No	TARGET_ID
FCC_QUESTIONS_PK	NORMAL	Yes	QUESTION_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCC_QUESTION_ANSWERS

Contains one row (the answer) for each question in the FCC_QUESTIONS table

Primary Key(s): QUESTION_ANSWER_ID

Field	Type	Nulls?	Comments
QUESTION_ANSWER_ID	NUMBER (18)	No	Unique identifier
QUESTION_ID	NUMBER (18)	No	Foreign Key into FCC_QUESTIONS
TASK_ID	NUMBER (18)	No	ID of the task the question is connected to. Though you can get the TaskId from the QuestionId this was added to make it easier for the history project.
VALUE_TEXT	VARCHAR2 (4000)	Yes	Text value (used for TEXT, MULTILINE_TEXT and BOOLEAN types)
VALUE_DATE	DATE	Yes	Only used if question type is DATE
VALUE_NUMBER	NUMBER	Yes	Only used if question type is NUMBER
VALUE_LIST_CHOICE_ID	NUMBER (18)	Yes	Foreign Key into FCC_QUESTION_LIST_VALUES
OBJECT_VERSION_NUMBER	NUMBER (18)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2 (255)	No	Who column: indicates the session login associated to the user who last updated the row.

Field	Type	Nulls?	Comments
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.

Index Name	Type	Unique	Fields
FCC_QUESTION_ANSWERS_INDEX1	NORMAL	No	TASK_ID
FCC_QUESTION_ANSWERS_INDEX2	NORMAL	No	QUESTION_ID
FCC_QUESTION_ANSWERS_PK	NORMAL	Yes	QUESTION_ANSWER_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCC_QUESTION_LIST_VALUES

Has 2 or more rows for each question that is of type LIST

Primary Key(s): QUESTION_LIST_VALUE_ID

Field	Type	Nulls?	Comments
QUESTION_LIST_VALUE_ID	NUMBER (18)	No	Unique identifier
QUESTION_ID	NUMBER (18)	No	Foreign key to FCC_QUESTIONS
LIST_VALUE	VARCHAR2 (765)	No	The actual value stored (cannot be NULL)
OBJECT_VERSION_NUMBER	NUMBER (18)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2 (255)	No	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.

Field	Type	Nulls?	Comments
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.
LIST_ORDER	NUMBER	Yes	order within the list

Index Name	Type	Unique	Fields
FCC_QST_LST_VAL_INDEX1	NORMAL	No	QUESTION_ID
FCC_QUESTION_LIST_VALUES_PK	NORMAL	Yes	QUESTION_LIST_VALUE_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCC_REFERENCES

FCC_REFERENCES stores references for instructions of templates, schedules, task types, tasks or comments. There is one record for each reference of an object.

Primary Key(s): REFERENCE_ID

Field	Type	Default	Nulls?	Comments
REFERENCE_ID	NUMBER (18)		No	Unique Identifier of the reference entry itself
OBJECT_ID	NUMBER (18)		No	OBJECT_ID refers to the object that this reference is being created for. It can be any of the following: 1. fcc_task.task_id: for instructions 2. fcc_deployment.deployment_id: for instructions 3. fcc_templates.template_id: for instructions 4. fcc_task_types.task_type_id : for instructions 5. fcc_comments.comment_id: for comments
INHERITED	VARCHAR2 (1)	'N'	No	Y for yes, N for no - whether the information has been inherited from a task type
TYPE	VARCHAR2 (20)		No	Reference type.'DOC' - document in Oracle Content Management Repository, 'URL' - URL, 'FILE' - uploaded document
NAME	VARCHAR2 (360)		Yes	Reference name
URL	VARCHAR2 (4000)		Yes	Specified URL
UPLOADED_FILE	BLOB		Yes	User uploaded file content
FILE_NAME	VARCHAR2 (384)		Yes	User uploaded file name

Field	Type	Default	Nulls?	Comments
FILE_MIMETYPE	VARCHAR2 (128)		Yes	User uploaded file mime type
DOC_ID	VARCHAR2 (30)		Yes	Unique document identifier in Oracle Content Management Repository
CREATED_BY	VARCHAR2 (255)		No	Who column: indicates the user who created the row.
CREATION_DATE	DATE		No	Who column: indicates the date and time of the creation of the row.
LAST_UPDATED_BY	VARCHAR2 (255)		No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE		No	Who column: indicates the date and time of the last update of the row.
LAST_UPDATE_LOGIN	VARCHAR2 (255)		Yes	Who column: indicates the session login associated to the user who last updated the row.
OBJECT_VERSION_NUMBER	NUMBER (9)		No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
CREATOR_ROLE	VARCHAR2 (3)	'S'	No	Role assigned to attachment - A - admin, O - owner, E - approver, S - assignee
CREATOR_ID	VARCHAR2 (255)		No	The user id of the person who created this. Supposedly we can't use the WHO columns for this.
USER_CREATION_DATE	DATE		No	Date when this attachment was created

Index Name	Type	Unique	Fields
FCC_REFERENCES_INDEX1	NORMAL	No	OBJECT_ID, TYPE
FCC_REFERENCES_PK	NORMAL	Yes	REFERENCE_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCC_ROLE_ACCESS

Stores role access for an object.

Primary Key(s): ROLE_ACCESS_ID

Field	Type	Default	Nulls?	Comments
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Field	Type	Default	Nulls?	Comments
ROLE_ACCESS_ID	NUMBER (18)		No	Unique ID
OBJECT_ID	NUMBER (18)		No	Object ID that the role access is for. For example, ATTRIBUTE_VALUE_ID of an attribute assignment or QUESTION_ID of a question.
OBJECT_TYPE	VARCHAR2 (1)	'V'	Yes	Object type, V for attribute assignment value, A for attribute assignment attachment and Q for question.
ROLE_NAME	VARCHAR2 (4)		No	Role name (and level), A - administrator, V - viewer, S - assignee, O - owner, and E - Approver (E<#> where # is approver level, e.g., E2 is the level 2 approver)
ACCESS_TYPE	VARCHAR2 (1)		No	Access type, E for allow edits, N - do not display, R - required, A - add all and remove all
OBJECT_VERSION_NUMBER	NUMBER (9)		No	Standard WHO column.
LAST_UPDATE_LOGIN	NUMBER		Yes	Standard WHO column.
LAST_UPDATED_BY	VARCHAR2 (255)		No	Standard WHO column.
LAST_UPDATE_DATE	DATE		No	Standard WHO column.
CREATED_BY	VARCHAR2 (255)		No	Standard WHO column.
CREATION_DATE	DATE		No	Standard WHO column.

Index Name	Type	Unique	Fields
FCC_ROLE_ACCESS_N1	NORMAL	No	ACCESS_TYPE
FCC_ROLE_ACCESS_U1	NORMAL	Yes	OBJECT_ID, OBJECT_TYPE, ROLE_NAME
FCC_ROLE_ACCESS_PK	NORMAL	Yes	ROLE_ACCESS_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCC_STATUSES

lookup table for task and alert statuses

Primary Key(s): STATUS_ID

Field	Type	Nulls?	Comments
STATUS_ID	NUMBER (2)	No	unique numerical identifier of status

Field	Type	Nulls?	Comments
CATEGORY_ID	NUMBER (2)	No	numerical identifier of detail statuses category
STATUS	VARCHAR2 (32)	No	Internal text representation of status e.g., PENDING
CATEGORY	VARCHAR2 (16)	Yes	category of detail status: in-process, completed, pending, empty for a status category
TYPE	VARCHAR2 (1)	Yes	discriminator: C = status category, T = detail status
ICON	VARCHAR2 (64)	No	Internal path to the representative icon
SORT_ORDER	NUMBER (2)	No	provides logical ordering for lists and tables
CATEGORY_SORT_ORDER	NUMBER (2)	No	provides logical ordering by category in lists and tables
OBJECT_VERSION_NUMBER	NUMBER	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2 (255)	No	Who column: indicates the session login associated to the user who last updated the row
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row

Index Name	Type	Unique	Fields
FCC_STATUSES_PK	NORMAL	Yes	STATUS_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCC_TASKS

Stores the bulk of the information used to describe the task.

Primary Key(s): TASK_ID

Field	Type	Default	Nulls?	Comments
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Field	Type	Default	Nulls?	Comments
TASK_ID	NUMBER (18)		No	Unique identifier
RESPONSIBLE_ID	VARCHAR2 (255)		Yes	User who is currently responsible for the task
SOURCE_TYPE	VARCHAR2 (10)		No	TEMPLATE or DEPLOYMENT
SOURCE_ID	NUMBER (18)		No	Taskset ID
TASK_NAME	VARCHAR2 (240)		No	Display Name
DESCRIPTION	VARCHAR2 (3000)		Yes	Description
TASK_TYPE_ID	NUMBER (18)		No	ID of the task type that helps define the task
STATUS_ID	NUMBER (2)		No	corresponds to FCC_STATUS.STATUS_ID
PRIORITY	NUMBER (1)		Yes	1,2,3 for Low, Medium, High
OWNER_ID	VARCHAR2 (255)		No	Only individual users can be owners. At this point groups cannot.
START_DATE	DATE		Yes	The date you'd like the task to start
SCHEDULED_START_DATE	DATE		Yes	The projected start date
ACTUAL_START_DATE	DATE		Yes	This is the date the task actually started.
END_DATE	DATE		Yes	This is the date you'd like the task to end.
SCHEDULED_END_DATE	DATE		Yes	The projected end date.
ACTUAL_END_DATE	DATE		Yes	This is the date the task actually ended.
DURATION	NUMBER (18)		Yes	The duration of the task (in milliseconds)
SCALE	VARCHAR2 (1)		Yes	H or D for hours or days
INTERVAL	NUMBER (5)		Yes	Not currently used (will log bug to remove)
APPROVAL_REQUIRED	VARCHAR2 (1)		No	Whether or not approval is required {'Y' or 'N'}
APPROVAL_DURATION	NUMBER (9)		Yes	Not currently used (will log bug to remove)
ACTIVE	VARCHAR2 (1)	'Y'	Yes	"Y"-yes, "N"-no. It will be in the Task properties tab in the template mode. The only persons who can toggle this flag are the template owner (admin or power user) and other admins.
AGGREGATION_PARENT	NUMBER (18)		Yes	ID of the parent task if there is one
TEMPLATE_TASK_ID	NUMBER (18)		Yes	If the task was created via a template deployment then this will point back to its original task.
COMPLETION_PERCENT	NUMBER (3)		Yes	Completion percentage

Field	Type	Default	Nulls?	Comments
SKIP_FLAG	VARCHAR2 (1)	'N'	Yes	flag to indicate whether the task should be executed in main orchestration process or not.
DELETED	DATE		Yes	Added to support cut, copy and paste operations.
ERROR_MSG	VARCHAR2 (3000)		Yes	The error message associated with the task's run.
OBJECT_VERSION_NUMBER	NUMBER (9)		No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is
LAST_UPDATE_LOGIN	VARCHAR2 (255)		Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATE_DATE	DATE		No	Who column: indicates the date and time of the last update of the row.
LAST_UPDATED_BY	VARCHAR2 (255)		No	Who column: indicates the user who last updated the row.
CREATION_DATE	DATE		No	Who column: indicates the date and time of the creation of the row.
CREATED_BY	VARCHAR2 (255)		No	Who column: indicates the user who created the row.
TASK_CODE	VARCHAR2 (240)		Yes	Unique code user enters
EXECUTION_USER_ID	VARCHAR2 (255)		Yes	Who the asynch webservice is going to run as, so even though the bpel process is run in the context of the schedule owner we want the webservice call it makes to be run as the Task assignee. And since automation tasks don't have assignee we use the run as field
EXECUTION_USER_VALID	VARCHAR2 (1)		Yes	Used to first validate the run_as_id before it can be used by the automation task
ALLOW_START_EARLY	VARCHAR2 (1)		Yes	Whether the user can start working on the task early
LOG_LOCATION	VARCHAR2 (500)		Yes	Location of the log file for asynch tasks
REPORT_LOCATION	VARCHAR2 (2000)		Yes	URLS of the reports for asynch tasks
MINIMUM_DURATION	NUMBER (18)	0	Yes	
CURRENT_STEP	NUMBER (2)		Yes	
STEP_INTEGRATION_ID	NUMBER (18)		Yes	
MISSING_PARAMS_AT_START	VARCHAR2 (1)		Yes	Y if the task is started and the required parameters for the task are not set. N when set
RESPONSIBILITY_LEVEL	NUMBER (9)		Yes	

Field	Type	Default	Nulls?	Comments
APP_ID	NUMBER (1)		No	Identifier for the application to which the row corresponds to ARM:0 FCM:1 TAX:2
OWNER_USER_TYPE	VARCHAR2 (1)		Yes	
EVER_BEEN_LATE	VARCHAR2 (1)		Yes	
ORG_ID	NUMBER (18)		Yes	

Index Name	Type	Unique	Fields
FCC_TASKS_N2	NORMAL	No	AGGREGATION_PARENT, DELETED
FCC_TASKS_N3	NORMAL	No	SOURCE_ID, DELETED, OWNER_ID
FCC_TASKS_N1	NORMAL	No	SOURCE_ID, TASK_CODE, DELETED
FCC_TASKS_PK	NORMAL	Yes	TASK_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCC_TASK_PARAMETER_PROPS

The properties of a parameter. Specifically used to mark overridden parameters by task type

Primary Key(s): TASK_PARAM_PROP_ID

Field	Type	Nulls?	Comments
TASK_PARAM_PROP_ID	NUMBER (18)	No	The parameter property ID (unique identifier)
TASK_TYPE_ID	NUMBER (18)	No	The task type ID: FK to FCC_TASK_TYPES
PARAMETER_ID	NUMBER (18)	No	The Parameter ID: FK to FCC_TASK_PARAMETER_DEFS
DIMENSION_NAME	VARCHAR2 (255)	Yes	The dimension name, used for dimension selector parameters
OVERRIDE_FLAG	VARCHAR2 (1)	Yes	Whether this parameter/task type is flagged as overridable during deployment

Index Name	Type	Unique	Fields
FCC_TASK_PARAMETER_PROPS_U1	NORMAL	No	TASK_TYPE_ID, PARAMETER_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCC_TASK_PARAMETER_VALUES

Stores a task's value for a given parameter. May contain multiple rows for a multi-select parameter like a check box

Primary Key(s): TASK_PARAMETER_ID

Field	Type	Nulls?	Comments
TASK_ID	NUMBER (18)	No	The task ID: FK to FCC_TASKS
TASK_PARAMETER_ID	NUMBER (18)	No	The task parameter ID (unique identifier)
PARAMETER_ID	NUMBER (18)	No	The parameter ID: FK to FCC_TASK_PARAMETER_DEFS
INHERITED	VARCHAR2 (1)	No	Whether this parameter value was inherited from the parent task type
VALUE_TEXT	CLOB	Yes	The value for text-based parameters
VALUE_NUMBER	NUMBER	Yes	The value for numeric-based parameters
VALUE_DATE	DATE	Yes	The value for date-based parameters
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2 (255)	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.

Index Name	Type	Unique	Fields
FCC_TASK_PARAMETER_VALUES_N1	NORMAL	No	TASK_ID, PARAMETER_ID
FCC_TASK_PARAMETER_VALUES_N2	NORMAL	No	PARAMETER_ID
FCC_TASK_PARAMETER_VALUES_PK	NORMAL	Yes	TASK_PARAMETER_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCC_TASK_PREDECESSORS

Stores the relationship between a task and its predecessor(s).

Primary Key(s): TASK_ID, PREDECESSOR_TASK_ID

Field	Type	Nulls?	Comments
TASK_ID	NUMBER (18)	No	The ID of the main task the predecessor is assigned to.
PREDECESSOR_TASK_ID	NUMBER (18)	No	ID of task assigned as the predecessor
EMBEDDING_TEMPLATE_ID	NUMBER (18)	Yes	This is used to allow embedded tasks to have predecessors tasks specific to a embedding template. Note that it can and should be null for non-embedded tasks.
PREDECESSOR_TASK_TYPE	VARCHAR2 (30)	No	The predecessor type - FINISH-TO-START, FINISH-TO-FINISH, START-TO-START, etc
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2 (255)	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.

Index Name	Type	Unique	Fields
FCC_TASK_PREDECESSORS_PK	NORMAL	Yes	TASK_ID, PREDECESSOR_TASK_ID
FCC_TASK_PREDECESSORS_N2	NORMAL	No	PREDECESSOR_TASK_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCC_TASK_STEP_RESULTS

Primary Key(s): TASK_ID, TASK_STEP_INTEGRATION_ID

Field	Type	Nulls?	Comments
TASK_ID	NUMBER (18)	No	Task Id of the system integration task.
TASK_STEP_INTEGRATION_ID	NUMBER (18)	No	The integration id of the step in the integration type of the system automated task.
ERROR_MSG	VARCHAR2 (3000)	Yes	The error message associated with the task's run.
LOG_LOCATION	VARCHAR2 (500)	Yes	Location of the log file for asynch tasks
REPORT_LOCATION	VARCHAR2 (2000)	Yes	URLS of the reports for asynch tasks
STEP_START_DATE	DATE	Yes	The date when the setp has begun execution.
STEP_END_DATE	DATE	Yes	The date when the step has finished execution.
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	NUMBER	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.

Index Name	Type	Unique	Fields
FCC_TASK_STEP_RESULTS_PK	NORMAL	Yes	TASK_ID, TASK_STEP_INTEGRATION_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCC_TASK_TYPES

The task types of the system

Primary Key(s): TASK_TYPE_ID, APP_ID

Field	Type	Default	Nulls?	Comments
TASK_TYPE_ID	NUMBER (18)		No	The unique ID for the task type
TASK_TYPE_NAME	VARCHAR2 (765)		No	The name of the task type
DESCRIPTION	VARCHAR2 (3000)		Yes	The description of the task type
INTEGRATION_TYPE_ID	NUMBER (18)		Yes	The integration type ID: FK to FCC_INTEGRATION_TYPES
EXECUTION_TYPE	VARCHAR2 (1)		No	U for end user, A for automated. Pulled from the integration type (or U if no integration type)
USER_CREATED	VARCHAR2 (1)		No	Whether the task type was created by the user or seeded on installation
AGGREGATE_TASK	VARCHAR2 (1)	'N'	No	Whether the task is an aggregate task or not.
DELETED	VARCHAR2 (1)		No	Whether the task type has been deleted. If a user deletes a task type that has tasks in a schedule still, the task type will be logically deleted but the definition remains for auditing/history. A task type cannot be deleted if a task of the task type exists in a template
NOTIFICATION_MSG_ID	NUMBER (9)		Yes	NOT USED
APPROVER_MSG_ID	NUMBER (9)		Yes	NOT USED
ERROR_MSG_ID	NUMBER (9)		Yes	NOT USED
OBJECT_VERSION_NUMBER	NUMBER (9)		No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	NUMBER		Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATE_DATE	DATE		No	Who column: indicates the date and time of the last update of the row.
LAST_UPDATED_BY	VARCHAR2 (255)		No	Who column: indicates the user who last updated the row.
CREATION_DATE	DATE		No	Who column: indicates the date and time of the creation of the row.
CREATED_BY	VARCHAR2 (255)		No	Who column: indicates the user who created the row.

Field	Type	Default	Nulls?	Comments
TASK_TYPE_CODE	VARCHAR2 (240)		Yes	The unique code of the task type
EXECUTION_USER_ID	VARCHAR2 (255)		Yes	The run as user ID
ALLOW_START_EARLY	VARCHAR2 (1)		Yes	Whether the user can start working on the task early
APP_ID	NUMBER (1)		No	Identifier for the application to which the row corresponds to ARM:0 FCM:1 TAX:2

Index Name	Type	Unique	Fields
FCC_TASK_TYPES_PK	NORMAL	Yes	APP_ID, TASK_TYPE_ID
FCC_TASK_TYPES_N1	NORMAL	No	INTEGRATION_TYPE_ID
FCC_TASK_TYPES_N2	NORMAL	No	TASK_TYPE_CODE, DELETED
FCC_TASK_TYPES_N3	NORMAL	No	APP_ID, DELETED

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCC_TASK_TYPES_TL

Primary Key(s): TASK_TYPE_ID, LANGUAGE

Field	Type	Nulls?
TASK_TYPE_ID	NUMBER (18)	No
LANGUAGE	VARCHAR2 (4)	No
SOURCE_LANG	VARCHAR2 (4)	No
TASK_TYPE_NAME	VARCHAR2 (80)	No
DESCRIPTION	VARCHAR2 (1000)	Yes
OBJECT_VERSION_NUMBER	NUMBER (9)	No
LAST_UPDATE_LOGIN	NUMBER	Yes
LAST_UPDATE_DATE	DATE	No
LAST_UPDATED_BY	VARCHAR2 (255)	No
CREATION_DATE	DATE	No
CREATED_BY	VARCHAR2 (255)	No

Index Name	Type	Unique	Fields
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Index Name	Type	Unique	Fields
FCC_TASK_TYPES_TL_PK	NORMAL	Yes	TASK_TYPE_ID, LANGUAGE

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCC_TEMPLATES

Table containing information on all the templates in the system.

Primary Key(s): TEMPLATE_ID

Field	Type	Default	Nulls?	Comments
TEMPLATE_ID	NUMBER (18)		No	The identifier of the template. This is the primary key.
TEMPLATE_NAME	VARCHAR2 (240)		No	The user given name of the template.
DESCRIPTION	VARCHAR2 (3000)		Yes	A field to allow for additional information describing the template.
VALIDATION_STATUS	VARCHAR2 (30)		No	Valid values are "VALID", "NOT VALIDATED", "INVALID"
DAYS_BEFORE_ZERO_DAY	NUMBER (3)	1	No	The number of days before day zero.
DAYS_AFTER_ZERO_DAY	NUMBER (3)	1	No	The number of days after day zero.
OWNER_ID	VARCHAR2 (255)	'ptoukhanian@oracle.com'	No	The identifier of the FCM user who owns the template.
OBJECT_VERSION_NUMBER	NUMBER (9)		No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2 (255)		Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATE_DATE	DATE		No	Who column: indicates the date and time of the last update of the row.
LAST_UPDATED_BY	VARCHAR2 (255)		No	Who column: indicates the user who last updated the row.
CREATION_DATE	DATE		No	Who column: indicates the date and time of the creation of the row.
CREATED_BY	VARCHAR2 (255)		No	Who column: indicates the user who created the row.

Field	Type	Default	Nulls?	Comments
APP_ID	NUMBER (1)		No	Identifier for the application to which the row corresponds to ARM:0 FCM:1 TAX:2
OWNER_USER_TYPE	VARCHAR2 (1)		Yes	
ORG_ID	NUMBER (18)		Yes	

Index Name	Type	Unique	Fields
FCC_TEMPLATES_IDX_NAME	FUNCTION-BASED NORMAL	Yes	SYS_NC00017\$, APP_ID
FCC_TEMPLATES_PK	NORMAL	Yes	TEMPLATE_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCC_TEXT

FCC_TEXT table stores text for instructions of templates, schedules, task types and tasks, or text for comments. There is one record for each text entry for an object. Valid values of TEXT_TYPE column are I (instruction), SC (system comment), UC (user comment) and Q (question).

Primary Key(s): TEXT_ID

Field	Type	Nulls?	Comments
TEXT_ID	NUMBER (18)	No	Primary Key
OBJECT_ID	NUMBER (18)	No	Id of the Object the Text is tied to.It can be any of the following: 1. fcc_comments.comment_id. 2. fcc_task.task_id 3. fcc_templates.template_id 4. fcc_deployments.deployment_id 5. fcc_task_types.task_type_id
TEXT_TYPE	VARCHAR2 (2)	No	'I' for Instructions, 'UC' for User Comments,'SC' for system comments, 'Q' for Questions
TEXT	CLOB	Yes	User entered text, for instructions or comments etc.
CREATED_BY	VARCHAR2 (255)	Yes	Who column: indicates the user who created the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.

Field	Type	Nulls?	Comments
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
LAST_UPDATE_LOGIN	VARCHAR2 (255)	Yes	Who column: indicates the session login associated to the user who last updated the row.
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.

Index Name	Type	Unique	Fields
FCC_TEXT_U1	NORMAL	Yes	OBJECT_ID, TEXT_TYPE
FCC_TEXT_PK	NORMAL	Yes	TEXT_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCC_USER_ATTRIBUTE_VALUES

This table stores the relationship between an object and the attributes that are assigned to it including the value that the user assigned to the attribute.

Primary Key(s): UDA_VALUE_ID

Field	Type	Default	Nulls?	Comments
UDA_VALUE_ID	NUMBER (18)		No	Unique identifier
UDA_ID	NUMBER (18)		No	FC to FCC_USER_ATTRIBUTES
TARGET_ID	NUMBER (18)		No	ID in TASK, TASK_TYPE, TEMPLATE or DEPLOYMENT tables
INHERITED	VARCHAR2 (1)	'N'	No	Y for yes, N for no - has this information been inherited from a task type
TARGET_TYPE	VARCHAR2 (35)		No	TASK, TASKTYPE, TEMPLATE or DEPLOYMENT
VALUE_TEXT	VARCHAR2 (4000)		Yes	Only used if the type of attribute is TEXT or BOOLEAN
VALUE_NUMBER	NUMBER		Yes	Only used if the type of attribute is NUMBER

Field	Type	Default	Nulls?	Comments
VALUE_DATE	DATE		Yes	Only used if the type of attribute is DATE
VALUE_LIST_CHOICE_ID	NUMBER (18)		Yes	Only used if the type of attribute is LIST
OBJECT_VERSION_NUMBER	NUMBER		No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2 (255)		No	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATE_DATE	DATE		No	Who column: indicates the date and time of the last update of the row.
LAST_UPDATED_BY	VARCHAR2 (255)		No	Who column: indicates the user who last updated the row.
CREATION_DATE	DATE		No	Who column: indicates the date and time of the creation of the row.
CREATED_BY	VARCHAR2 (255)		No	Who column: indicates the user who created the row.
DISPLAY_FLAG	VARCHAR2 (1)		Yes	Y or N - is the attribute displayed to the user in output scenarios like Task Actions and Report Binders
ORDER_SEQ	NUMBER (5)		Yes	The order for the attribute in respect to the other attributes applied to the same object.
UPDATABLEBY	VARCHAR2 (2)	'NO'	Yes	
REQUIRED	VARCHAR2 (1)	'N'	Yes	

Index Name	Type	Unique	Fields
FCC_USER_ATTRIBUTE_VALUES_IDX1	NORMAL	No	UDA_ID, TARGET_ID
FCC_USER_ATTRIBUTE_VALUES_IDX2	NORMAL	No	TARGET_ID
FCC_USER_ATTRIBUTE_VALUES_PK	NORMAL	Yes	UDA_VALUE_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCC_WORKFLOW_ACTIONS

This table stores all the actions committed by a user against a particular task such as Submit, Approval, Reject, etc. It also stores who committed the action, the action date and if the action was committed for someone other than the current user.

Primary Key(s): WORKFLOW_ACTION_ID

Field	Type	Default	Nulls?	Comments
OBJECT_ID	NUMBER (18)		No	The object on which the action was performed
WORKFLOW_ACTION_ID	NUMBER (18)	-1	No	This is the primary key of this table and is populated using sequence
OBJECT_TYPE	VARCHAR2 (1)		No	'A' - alert, 'T' - task
ACTION	VARCHAR2 (1)		No	A - approve, R - reject, S - submit
ACTION_DATE	DATE		No	Date the action occurred
ACTION_BY_USER_ID	VARCHAR2 (255)		No	The user ID of the user that actually committed the action.
ACTION_FOR_USER_ID	VARCHAR2 (255)		No	The User ID of the user for which the action was committed. Could be the same as ACTION_BY_USER_ID but might not be.
CURRENT_ACTION	VARCHAR2 (1)	'N'	Yes	indicates that the row is the current row
CREATED_BY	VARCHAR2 (255)		Yes	Who column: indicates the user who created the row.
CREATION_DATE	TIMESTAMP(6)		Yes	Who column: indicates the date and time of the creation of the row.
OBJECT_VERSION_NUMBER	NUMBER (9)		Yes	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2 (255)		Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2 (255)		Yes	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	TIMESTAMP(6)		Yes	Who column: indicates the date and time of the last update of the row.
ACTION_LEVEL	NUMBER (2)		Yes	

Index Name	Type	Unique	Fields
FCC_WORKFLOW_ACTIONS_UK1	NORMAL	Yes	ACTION, OBJECT_ID, ACTION_DATE
FCC_WORKFLOW_ACTIONS_U1	NORMAL	No	OBJECT_ID
FCC_WORKFLOW_ACTIONS_PK	NORMAL	Yes	WORKFLOW_ACTION_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCC_YEARS

Table storing years for schedules.

Primary Key(s): YEAR_ID

Field	Type	Nulls?	Comments
YEAR_ID	NUMBER (18)	No	Primary Key
YEAR_NAME	VARCHAR2 (240)	No	The user specified name of the year e.g. 2010, 2011, etc.
YEAR_ORDER	NUMBER (3)	No	Order in which years should be displayed.
DESCRIPTION	VARCHAR2 (3000)	Yes	A field to allow for additional information describing the year.
CREATED_BY	VARCHAR2 (255)	Yes	Who column: indicates the user who created the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
LAST_UPDATE_LOGIN	VARCHAR2 (255)	Yes	Who column: indicates the session login associated to the user who last updated the row.
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
APP_ID	NUMBER (1)	No	Identifier for the application to which the row corresponds to ARM:0 FCM:1 TAX:2

Index Name	Type	Unique	Fields
FCC_YEARS_PK	NORMAL	Yes	YEAR_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCM_ACCESS

Primary Key(s): ACCESS_ID

Field	Type	Nulls?
ACCESS_ID	NUMBER (18)	No
OBJECT_ID	NUMBER (18)	No
ACCESS_TYPE	VARCHAR2 (1)	No
APP_ID	NUMBER (1)	Yes
USER_TYPE	VARCHAR2 (1)	Yes
USER_NAME	VARCHAR2 (255)	Yes
USER_ID	VARCHAR2 (255)	Yes
ACCESS_ORDER	NUMBER (3)	Yes
INHERITED_FROM	NUMBER (18)	Yes
OBJECT_VERSION_NUMBER	NUMBER (9)	No
CREATION_DATE	DATE	No
CREATED_BY	VARCHAR2 (255)	No
LAST_UPDATE_DATE	DATE	No
LAST_UPDATED_BY	VARCHAR2 (255)	No
LAST_UPDATE_LOGIN	NUMBER	Yes

Index Name	Type	Unique	Fields
FCM_ACCESS_PK	NORMAL	Yes	ACCESS_ID
FCM_ACCESS_N1	NORMAL	No	OBJECT_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCM_ATTRIBUTES

Stores the custom attributes defined by the admin.

Primary Key(s): ATTRIBUTE_ID

Field	Type	Default	Nulls?	Comments
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Field	Type	Default	Nulls?	Comments
ATTRIBUTE_ID	NUMBER (18)		No	Unique ID
APP_ID	NUMBER (1)		No	The Application ID
DELETED	VARCHAR2 (1)	'N'	No	Y or N
ATTRIBUTE_NAME	VARCHAR2 (765)		No	Attribute display name
ATTRIBUTE_TYPE	VARCHAR2 (25)		No	possible values are BOOLEAN, DATE, NUMBER, LIST, TEXT
ORDER_SEQ	NUMBER		Yes	The order of the attributes in account segments and component segments
USED_FOR	VARCHAR2 (10)	'USER'	No	Denotes which view type an attribute is used for User, Account Segment or Segments. Possible values are USER, ACCTSEG, SEGMENT or SYSTEM
NEGATIVE_NUMBER_FORMAT	VARCHAR2 (15)		Yes	If the Custom Attribute is NUMBER type, this is the display format to be used for negative numbers.
SCALE	VARCHAR2 (15)		Yes	If the Custom Attribute is NUMBER type, this is the SCALE for the display format.
THOUSANDS_SEPARATOR_FLAG	VARCHAR2 (1)		Yes	If the Custom Attribute is NUMBER type, this is the character to be used for thousands separator
DECIMAL_PLACES	NUMBER (2)		Yes	If the Custom Attribute is NUMBER type, this is the # of decimal places used for the display format.
CURRENCY_SYMBOL	VARCHAR2 (255)		Yes	If the Custom Attribute is NUMBER type, this is the currency symbol used for the display format.
PERCENTAGE	VARCHAR2 (1)	'N'	No	Denotes whether attribute is to be displayed as a percentage
TEXT_LINES	NUMBER		Yes	Number of lines for a multi-line text attribute
INCLUDE_ATTACHMENTS	VARCHAR2 (1)	'N'	No	Y to include attachments (used only for multi-line text attributes)
OBJECT_VERSION_NUMBER	NUMBER		No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	NUMBER		Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATE_DATE	DATE		No	Who column: indicates the date and time of the last update of the row.
LAST_UPDATED_BY	VARCHAR2 (255)		No	Who column: indicates the user who last updated the row.

Field	Type	Default	Nulls?	Comments
CREATION_DATE	DATE		No	Who column: indicates the date and time of the creation of the row.
CREATED_BY	VARCHAR2 (255)		No	Who column: indicates the user who created the row.

Index Name	Type	Unique	Fields
FCM_ATTRIBUTES_NAME	FUNCTION-BASED NORMAL	Yes	APP_ID, SYS_NC00022\$, USED_FOR
FCM_ATTRIBUTES_PK	NORMAL	Yes	ATTRIBUTE_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCM_ATTRIBUTE_LIST_VALUES

For each attribute that is of type LIST this table stores all the list values that the admin entered.

Primary Key(s): LIST_VALUE_ID

Field	Type	Default	Nulls?	Comments
LIST_VALUE_ID	NUMBER (18)		No	Unique identifier
DELETED	VARCHAR2 (1)	'N'	No	Y or N
ATTRIBUTE_ID	NUMBER (18)		No	FK to custom attribute table
LIST_VALUE	VARCHAR2 (765)		No	The actual value the user entered (cannot be null)
LIST_ORDER	NUMBER		No	Order within the list
OBJECT_VERSION_NUMBER	NUMBER		No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	NUMBER		Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATE_DATE	DATE		No	Who column: indicates the date and time of the last update of the row.
LAST_UPDATED_BY	VARCHAR2 (255)		No	Who column: indicates the user who last updated the row.
CREATION_DATE	DATE		No	Who column: indicates the date and time of the creation of the row.

Field	Type	Default	Nulls?	Comments
CREATED_BY	VARCHAR2 (255)		No	Who column: indicates the user who created the row.

Index Name	Type	Unique	Fields
FCM_ATTRIBUTE_LIST_VALUES_N I	NORMAL	No	ATTRIBUTE_ID
FCM_ATTRIBUTE_LIST_VALUES_P K	NORMAL	Yes	LIST_VALUE_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCM_BATCH_EMAIL_DATA

Primary Key(s): CATEGORY_ID, USER_ID, PERIOD_ID, HOUR_CODE

Field	Type	Nulls?	Comments
CATEGORY_ID	NUMBER (3)	No	The Category Id
USER_ID	VARCHAR2 (255)	No	The User id
OBJECT_COUNT	NUMBER (18)	Yes	The count of the objects that qualify for the category
PERIOD_ID	NUMBER (18)	No	The Period Id
HOUR_CODE	NUMBER (2)	No	
APP_ID	NUMBER (1)	Yes	
START_DATE	DATE	Yes	
END_DATE	DATE	Yes	
OBJECT_VERSION_NUMBER	NUMBER (9)	Yes	Who column. A counter that increases each time the row is updated.
LAST_UPDATE_LOGIN	NUMBER	Yes	Who column. Stores the login/session ID of the user who last updated this row.
LAST_UPDATED_BY	VARCHAR2 (255)	Yes	Who column. Stores the ID of the user who last updated this row.
LAST_UPDATED_DATE	DATE	Yes	Who column. Stores the date when this row was last updated.
CREATED_BY	VARCHAR2 (255)	Yes	Who column. Stores the ID of the user who created this row.
CREATION_DATE	DATE	Yes	Who column. Stores the date when this row was created in the database.

Index Name	Type	Unique	Fields
FCM_BATCH_EMAIL_DATA_N1	NORMAL	No	PERIOD_ID, USER_ID
FCM_BATCH_EMAIL_DATA_PK	NORMAL	Yes	CATEGORY_ID, USER_ID, PERIOD_ID, HOUR_CODE

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCM_CALCULATIONS

Primary Key(s): CALCULATION_ID

Field	Type	Nulls?	Comments
CALCULATION_ID	NUMBER (18)	No	The ID of the calculation
CALCULATION_TYPE	VARCHAR2 (20)	No	The Calculation Type (ROUND, FORMULA, CONDITIONAL, ASSIGN_TO_LIST, ASSIGN_TO_VALUE, CONCAT)
CALCULATION_NAME	VARCHAR2 (765)	Yes	The name of the calculation
DATA_TYPE	VARCHAR2 (25)	No	The data type of the calculation. Matches the data types in FCM_ATTRIBUTES
CALCULATION_SOURCE	VARCHAR2 (30)	No	The calculation source
ATTRIBUTE_ID	NUMBER (18)	Yes	The Attribute Id the calculation is associated with, if applicable
NUMBER_OF_DIGITS	NUMBER (2)	Yes	The number of digits to round to, for a rounding calc
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	NUMBER	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.

Field	Type	Nulls?	Comments
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.

Index Name	Type	Unique	Fields
FCM_CALCULATIONS_PK	NORMAL	Yes	CALCULATION_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCM_CALCULATION_ITEMS

Primary Key(s): CALCULATION_ITEM_ID

Field	Type	Nulls?	Comments
CALCULATION_ITEM_ID	NUMBER (18)	No	The Calculation Item ID
CALCULATION_ID	NUMBER (18)	No	The Calculation this item belongs to
PARENT_ID	NUMBER (18)	Yes	The parent calculation item ID
ITEM_TYPE	VARCHAR2 (1)	Yes	Item type, for formulas. G = Group, V = Value
OPERAND	VARCHAR2 (8)	Yes	The Operand, +, -, /, *, IF, ELSE IF, ELSE
FILTER_ID	NUMBER (18)	Yes	The Filter Id, if one is attached to the item (Conditional)
VALUE_TYPE	VARCHAR2 (1)	Yes	The Value Type, A = Attribute, C = Constant
ATTRIBUTE_ID	NUMBER (18)	Yes	The Attribute ID, if Value Type = A
ATTRIBUTE_SOURCE	VARCHAR2 (30)	Yes	The Attribute Source, if Value Type = A
ATTRIBUTE_LIST_VALUE_ID	NUMBER (18)	Yes	
VALUE	VARCHAR2 (765)	Yes	The Value, if Value Type = V
ORDER_SEQ	NUMBER (9)	No	The order sequence of the items
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.

Field	Type	Nulls?	Comments
LAST_UPDATE_LOGIN	NUMBER	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.

Index Name	Type	Unique	Fields
FCM_CALCULATION_ITEMS_PK	NORMAL	Yes	CALCULATION_ITEM_ID
FCM_CALCULATION_ITEMS_N1	NORMAL	No	CALCULATION_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCM_CALENDARS

Primary Key(s): CALENDAR_ID

Field	Type	Nulls?	Comments
CALENDAR_ID	NUMBER (18)	No	Standard calendar Id
CALENDAR_CODE	VARCHAR2 (20)	No	The unique calendar Id displayed in UI
CALENDAR_NAME	VARCHAR2 (255)	No	Name of the calendar
DELETED	VARCHAR2 (1)	Yes	Y or N
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking
LAST_UPDATE_LOGIN	NUMBER	Yes	Who column: indicates the session login associated to the user who last updated the row
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row

Field	Type	Nulls?	Comments
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row

Index Name	Type	Unique	Fields
FCM_CALENDARS_PK	NORMAL	Yes	CALENDAR_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCM_CONDITIONS

Table that stores conditions of a filter

Primary Key(s): CONDITION_ID

Field	Type	Nulls?	Comments
CONDITION_ID	NUMBER (18)	No	The Condition ID
FILTER_ID	NUMBER (18)	No	The Filter this condition is associated with
PARENT_ID	NUMBER (18)	Yes	The parent condition
CONDITION_TYPE	VARCHAR2 (1)	No	The Condition type, C = condition, G = group
CONJUNCTION	VARCHAR2 (3)	Yes	The Conjunction, AND or OR
ATTRIBUTE_ID	NUMBER (18)	Yes	The attribute the condition is based against
ATTRIBUTE_SOURCE	VARCHAR2 (30)	Yes	
ATTRIBUTE_UNIQUE_ID	VARCHAR2 (64)	Yes	
OPERAND	VARCHAR2 (20)	Yes	The operand, such as EQUALS, IS_BLANK, etc
TARGET_TYPE	VARCHAR2 (1)	Yes	The target type
TARGET_VALUE	VARCHAR2 (765)	Yes	The target value
TARGET_VALUE2	VARCHAR2 (765)	Yes	The second target value, if BETWEEN or NOT BETWEEN operand
PERIOD_ID	NUMBER (18)	Yes	The period ID, if an ARM filter against periods
CONDITION_ORDER	NUMBER (9)	No	The condition order
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Who columns
LAST_UPDATE_LOGIN	NUMBER	Yes	Who columns
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who columns
LAST_UPDATE_DATE	DATE	No	Who columns
CREATED_BY	VARCHAR2 (255)	No	Who columns

Field	Type	Nulls?	Comments
CREATION_DATE	DATE	No	Who columns

Index Name	Type	Unique	Fields
FCM_CONDITIONS_N1	NORMAL	No	FILTER_ID
FCM_CONDITIONS_PK	NORMAL	Yes	CONDITION_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCM_CURRENCIES

Primary Key(s): CURRENCY

Field	Type	Default	Nulls?	Comments
CURRENCY	VARCHAR2 (15)		No	The currency symbol
CURRENCY_SYMBOL	VARCHAR2 (32)	'~^'	No	The code for the currency symbol
DECIMAL_PLACES	NUMBER (2)	2	No	The decimal places for this currency
DESCRIPTION	VARCHAR2 (255)		Yes	The description of the currency
ENABLED	VARCHAR2 (1)	'Y'	No	The enabled state of currency
USER_CREATED	VARCHAR2 (1)	'Y'	No	Whether the row was user created or not
OBJECT_VERSION_NUMBER	NUMBER (9)		Yes	Who column
CREATION_DATE	DATE		Yes	Who column
CREATED_BY	VARCHAR2 (255)		Yes	Who column
LAST_UPDATE_DATE	DATE		Yes	Who column
LAST_UPDATED_BY	VARCHAR2 (255)		Yes	Who column

Index Name	Type	Unique	Fields
FCM_CURRENCIES_PK	NORMAL	Yes	CURRENCY

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCM_FILTERS

Table to store filter definition. FCM_CONDITIONS stores each individual condition

Primary Key(s): FILTER_ID

Field	Type	Nulls?	Comments
FILTER_ID	NUMBER (18)	No	Filter ID, PK
APP_ID	NUMBER (1)	No	The Application ID
FILTER_NAME	VARCHAR2 (765)	No	The Filter name
FILTER_DESCRIPTION	VARCHAR2 (4000)	Yes	The Filter description
FILTER_TYPE	VARCHAR2 (30)	No	The Filter type - product-specific values
USER_CREATED	VARCHAR2 (1)	No	Whether the filter was created by the user, Y or N
OWNER_ID	VARCHAR2 (255)	No	The User ID of the owner of the filter
IS_SHARED	VARCHAR2 (1)	No	Whether the filter is public, Y or N
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Who columns
LAST_UPDATE_LOGIN	NUMBER	Yes	Who columns
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who columns
LAST_UPDATE_DATE	DATE	No	Who columns
CREATED_BY	VARCHAR2 (255)	No	Who columns
CREATION_DATE	DATE	No	Who columns

Index Name	Type	Unique	Fields
FCM_FILTERS_N1	NORMAL	No	APP_ID, OWNER_ID
FCM_FILTERS_N2	NORMAL	No	APP_ID, IS_SHARED
FCM_FILTERS_PK	NORMAL	Yes	FILTER_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCM_HISTORY_CHANGE_TYPES

Primary Key(s): CHANGE_TYPE_ID

Field	Type	Nulls?
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Field	Type	Nulls?
CHANGE_TYPE_ID	NUMBER (6)	No
VALUE	VARCHAR2 (255)	Yes

Index Name	Type	Unique	Fields
FCM_HISTORY_CHANGE_TYPES_PK	NORMAL	Yes	CHANGE_TYPE_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCM_HISTORY_FIELDS

Primary Key(s): FIELD_ID, APP_ID

Field	Type	Nulls?
FIELD_ID	NUMBER (6)	No
FIELD_TYPE	VARCHAR2 (255)	Yes
FIELD_LABEL	VARCHAR2 (255)	No
APP_ID	NUMBER (1)	No

Index Name	Type	Unique	Fields
FCM_HISTORY_FIELDS_PK	NORMAL	Yes	FIELD_ID, APP_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCM_HOLIDAYS

Primary Key(s): HOLIDAY_ID

Field	Type	Nulls?
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Field	Type	Nulls?
HOLIDAY_RULE_ID	NUMBER (18)	No
HOLIDAY	DATE	No
HOLIDAY_ID	NUMBER (18)	No
HOLIDAY_NAME	VARCHAR2 (150)	Yes
OBJECT_VERSION_NUMBER	NUMBER (9)	No
LAST_UPDATE_LOGIN	NUMBER	Yes
LAST_UPDATED_BY	VARCHAR2 (255)	No
LAST_UPDATE_DATE	DATE	No
CREATED_BY	VARCHAR2 (255)	No
CREATION_DATE	DATE	No

Index Name	Type	Unique	Fields
FCM_HOLIDAYS_PK	NORMAL	Yes	HOLIDAY_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCM_HOLIDAY_RULES

Primary Key(s): HOLIDAY_RULE_ID

Field	Type	Nulls?
HOLIDAY_RULE_ID	NUMBER (18)	No
HOLIDAY_RULE_CODE	VARCHAR2 (255)	No
HOLIDAY_RULE_NAME	VARCHAR2 (255)	No
YEAR	NUMBER (4)	Yes
OBJECT_VERSION_NUMBER	NUMBER (9)	No
LAST_UPDATE_LOGIN	NUMBER	Yes
LAST_UPDATED_BY	VARCHAR2 (255)	No
LAST_UPDATE_DATE	DATE	No
CREATED_BY	VARCHAR2 (255)	No
CREATION_DATE	DATE	No

Index Name	Type	Unique	Fields
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Index Name	Type	Unique	Fields
FCM_HOLIDAY_RULES_PK	NORMAL	Yes	HOLIDAY_RULE_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCM_INTEGRATIONS

Stores the integration types of the system

Primary Key(s): INTEGRATION_ID

Field	Type	Nulls?	Comments
INTEGRATION_ID	NUMBER (18)	No	The Integration Type ID
INTEGRATION_CODE	VARCHAR2 (90)	No	The integration type code. Must be unique case insensitive for the application
USER_CREATED	VARCHAR2 (1)	No	Whether the integration type was created by the user using the UI (otherwise imported using a FCM-released XML file)
APPLICATION_ID	NUMBER (18)	No	The application ID - FK to FCC_INTEGRATION_APPS table
DELETED	VARCHAR2 (1)	No	Whether this integration type has been deleted. If a deleted task type uses this integration type, the integration type will be logically deleted instead of outright deleted
EXECUTION_TYPE	VARCHAR2 (1)	No	The execution type: S=System automated task, U=End User task
END_USER_URL	VARCHAR2 (2000)	Yes	The URL to call on execution for end user task
SERVICE_WSDL_LOC	VARCHAR2 (255)	Yes	The WSDL Location for a system automated task
SERVICE_URI	VARCHAR2 (255)	Yes	The namespace in the WSDL file for the service call
SERVICE_PORT	VARCHAR2 (255)	Yes	The port in the WSDL file for the system automated task
SERVICE_NAME	VARCHAR2 (255)	Yes	The service name in the WSDL file to call for a system automated task
SOAP_ACTION	VARCHAR2 (255)	Yes	The action to perform in the WSDL for the system automated task
CALLBACK_PORT	VARCHAR2 (255)	Yes	The callback operation's port, for asynch tasks
CALLBACK_NAME	VARCHAR2 (255)	Yes	The callback operation's service name, for asynch tasks

Field	Type	Nulls?	Comments
RESPONSE_XSL_TEMPLATE	VARCHAR2 (2000)	Yes	The XSL template to parse out the response codes/messages and log file
RESPONSE_NAMESPACES	VARCHAR2 (2000)	Yes	The XML to state the namespaces used in the XSL Template
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	NUMBER	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.
REQUEST_URI	VARCHAR2 (255)	Yes	
REQUEST_NAMESPACE	VARCHAR2 (255)	Yes	The namespace of the request, if different than SERVICE_URI
RESPONSE_URI	VARCHAR2 (255)	Yes	
RESPONSE_ROOT_ELEMENT	VARCHAR2 (80)	Yes	The root element of the asynch response XML, used for non-JRF webservices
ROOT_ELEMENT	VARCHAR2 (80)	Yes	The root element of the request, for non-JRF based webservices
SSO_PARAMETER	VARCHAR2 (80)	Yes	The name of the parameter to post the SSO token to the end user URL
VALIDATION_STATUS	NUMBER (2)	Yes	The status of asynch validation
VALIDATION_DATE	DATE	Yes	The date the last validation was run
VALIDATION_MSG	VARCHAR2 (3000)	Yes	The response message from an asynch validation test
VALIDATION_LOG_LOCATION	VARCHAR2 (500)	Yes	The log location result from an asynch validation test
VALIDATION_REPORT_LOCATION	VARCHAR2 (2000)	Yes	The report locations (newline-separated) of an asynch validation test
CONSUMER_ID	VARCHAR2 (60)	Yes	Consumer Id used to subscribe to EBS WF_BPEL_Q.
EVENT_NAME	VARCHAR2 (180)	Yes	Name of the Event.
EVENT_XSD_SCHEMA	CLOB	Yes	XSD Schema of the Event.
EXECUTION_SUB_TYPE	VARCHAR2 (1)	Yes	Execution Sub-Type, A for Oracle Apps Adapter and J for JMS Adapter

Field	Type	Nulls?	Comments
EVENT_XSL_TRANSFORMATION	CLOB	Yes	XSL transformation used to map External Event tags to Internal Event tags.
ADAPTER_NAME	VARCHAR2 (60)	Yes	Name of the JCA Adapter.
PARENT_ID	NUMBER (18)	Yes	
SYS_AUT_TYPE	VARCHAR2 (1)	Yes	
STEP_ORDER	NUMBER (18)	Yes	
POLLING_INTERVAL	NUMBER (9)	Yes	
COMPOSITE_STATUS	VARCHAR2 (1)	Yes	Indicates the status of Composite creation, success is Y, failure is N.
REQUEST_TRANSFORM	CLOB	Yes	
DEFINITION_URL	VARCHAR2 (2000)	Yes	

Index Name	Type	Unique	Fields
FCC_INTEGRATION_TYPES_U1	NORMAL	Yes	APPLICATION_ID, PARENT_ID, INTEGRATION_CODE
FCC_INTEGRATION_TYPES_PK	NORMAL	Yes	INTEGRATION_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCM_INTEGRATIONS_TL

Stores the translated names of the integration types

Primary Key(s): INTEGRATION_ID, LANGUAGE

Field	Type	Nulls?	Comments
INTEGRATION_ID	NUMBER (18)	No	The Integration Type ID - FK to FCC_INTEGRATION_TYPES
LANGUAGE	VARCHAR2 (8)	No	The language of this name translation
SOURCE_LANG	VARCHAR2 (4)	No	The language the name was translated from
INTEGRATION_NAME	VARCHAR2 (765)	No	The translated name of the integration type
DESCRIPTION	VARCHAR2 (3000)	Yes	The translated description of the integration type

Field	Type	Nulls?	Comments
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	NUMBER	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.
COUNTRY_CODE	VARCHAR2 (8)	Yes	

Index Name	Type	Unique	Fields
FCC_TASK_INTEGRAT_TYPES_T_PK	NORMAL	Yes	INTEGRATION_ID, LANGUAGE

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCM_NOTIF_CATEGORIES

Primary Key(s): CATEGORY_ID

Field	Type	Nulls?	Comments
CATEGORY_ID	NUMBER (3)	No	ARM from 1 and 101 for ones not included in pref dialog, CM from 201 and 301 for ones not included in pref dialog
NOTIF_TYPE	NUMBER (1)	Yes	0-Action Required Notification, 1-Delinquency Notification,2-Status Change Notification 3-Due Date Notification.
CATEGORY_NAME	VARCHAR2 (255)	Yes	Category name. the translation key stored.
APP_ID	NUMBER (1)	Yes	Identifier for the application to which the row corresponds to ARM:0 FCM:1 TAX:2

Field	Type	Nulls?	Comments
DEFAULT_VALUE	NUMBER (2)	Yes	The seeded default (as per PS3)

Index Name	Type	Unique	Fields
FCM_NOTIF_CATEGORIES_PK	NORMAL	Yes	CATEGORY_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCM_ORG_UNITS

Primary Key(s): ORG_ID

Field	Type	Nulls?	Comments
ORG_ID	NUMBER (18)	No	Organization Unit ID (Unique key)
ORG_NAME	VARCHAR2 (255)	No	Organization Unit Name
PARENT_ORG_ID	NUMBER (18)	Yes	Parent Organization Unit ID
DESCRIPTION	VARCHAR2 (4000)	Yes	Description
CM_TIMEZONE	VARCHAR2 (255)	Yes	The timezone id coming from ADF. For CM Timezone setting.
TAX_TIMEZONE	VARCHAR2 (255)	Yes	The timezone id coming from ADF. For TAX Timezone setting.
HOLIDAY_RULE_ID	NUMBER (18)	Yes	Holiday rule Id
ARM_CALENDAR_ID	NUMBER (18)	Yes	ARM calendar Id
CM_WORK_DAYS	VARCHAR2 (30)	Yes	Stores string of format 1-2-3-4-5-6-7 for workdays. 1- Sunday and 7 - Saturday.
TAX_WORK_DAYS	VARCHAR2 (30)	Yes	Stores string of format 1-2-3-4-5-6-7 for workdays. 1- Sunday and 7 – Saturday.
ARM_WORK_DAYS	VARCHAR2 (30)	Yes	Stores string of format 1-2-3-4-5-6-7 for workdays. 1- Sunday and 7 – Saturday.
ORDER_SEQ	NUMBER (3)	Yes	
ORG_CODE	VARCHAR2 (255)	No	
DELETED	VARCHAR2 (1)	Yes	
OBJECT_VERSION_NUMBER	NUMBER (9)	No	WHO column
LAST_UPDATE_LOGIN	NUMBER	Yes	WHO column
LAST_UPDATED_BY	VARCHAR2 (255)	No	WHO column
LAST_UPDATE_DATE	DATE	No	WHO column

Field	Type	Nulls?	Comments
CREATED_BY	VARCHAR2 (255)	No	WHO column
CREATION_DATE	DATE	No	WHO column

Index Name	Type	Unique	Fields
FCM_ORG_UNITS_PK	NORMAL	Yes	ORG_ID
FCM_ORG_UNITS_N1	NORMAL	No	PARENT_ORG_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCM_PARAMETERS

The definitions of the parameters of an integration type

Primary Key(s): PARAMETER_ID

Field	Type	Nulls?	Comments
PARAMETER_ID	NUMBER (18)	No	The parameter ID
INTEGRATION_ID	NUMBER (18)	No	The Integration Type this parameter belongs to. FK to FCC_INTEGRATION_TYPES
PARAMETER_TYPE	NUMBER (9)	No	The parameter type. See TaskParameter.java for ID -> type conversions
PARAMETER_CODE	VARCHAR2 (90)	No	The internal parameter code for this parameter. Used to pass as the name in the SOA call at execution time
REQUIRED	VARCHAR2 (1)	No	Whether the parameter is required or not
INPUT_SIZE	NUMBER (9)	Yes	The size of the field, for text input fields
NUM_ROWS	NUMBER (9)	Yes	Number of rows. Applicable only to text input, for a text area.
PARAM_ORDER	NUMBER (9)	No	The relative order of parameters
MULTISELECT	VARCHAR2 (1)	Yes	Whether the LOV/options group allows multiple selections
SERVICE_WSDL_LOC	VARCHAR2 (255)	Yes	The WSDL Location for a dynamic parameter
SERVICE_URI	VARCHAR2 (255)	Yes	The namespace in the WSDL file for the service call
SERVICE_PORT	VARCHAR2 (255)	Yes	The port in the WSDL file for the dynamic webservice

Field	Type	Nulls?	Comments
SERVICE_NAME	VARCHAR2 (100)	Yes	The service name in the WSDL file to call for a dynamic parameter
SOAP_ACTION	VARCHAR2 (100)	Yes	The action to perform in the WSDL for the parameter
SERVICE_RESPONSE_ELEMENT	VARCHAR2 (60)	Yes	The element in the response XML that contains the information for FCM to parse beneath
XSLT_TRANSFORM	VARCHAR2 (4000)	Yes	The XSLT Transformation string, to transform the response
PARAM_PATH_CODE	VARCHAR2 (30)	Yes	The path's parameter code for the Doc Navigator
DOC_NAV_ONE_TIME_QUERY	VARCHAR2 (1)	Yes	Whether the document nav's webservice returns all documents and folders at once
DOC_NAV_FOLDER_PARAM	VARCHAR2 (30)	Yes	The name of the parameter in the document navigator that states the name of the folder to drill on. Only needed if DOC_NAV_ONE_TIME_QUERY = 'N'. If PARAM_PATH_CODE is set, then the full path is passed in, otherwise the folder ID
DOC_NAV_FILE_TYPE_WSDL	VARCHAR2 (255)	Yes	the WSDL location of the file type webservice, if filtering by file type is needed on the document navigator
DOC_NAV_FILE_TYPE_URI	VARCHAR2 (255)	Yes	File type webservice's namespace URI
DOC_NAV_FILE_TYPE_PORT	VARCHAR2 (255)	Yes	The port of the file type webservice
DOC_NAV_FILE_TYPE_SERV_NAME	VARCHAR2 (255)	Yes	The service name of the file type webservice
DOC_NAV_FILE_TYPE_SOAP	VARCHAR2 (255)	Yes	The SOAP action of the file type webservice
DOC_NAV_FILE_TYPE_RESP_ELEM	VARCHAR2 (60)	Yes	The response element of the file type webservice
DOC_NAV_FILE_TYPE_XSLT	VARCHAR2 (4000)	Yes	The XSL transformation string of the file type webservice
DOC_NAV_FILE_TYPE_PARAM	VARCHAR2 (60)	Yes	The parameter name of the document navigator web service that states what file type to filter the results on
DIM_SELECTOR_URL	VARCHAR2 (255)	Yes	The dimension selector (POV)'s URL
DIM_SELECTOR_SELECTION	VARCHAR2 (2000)	Yes	The XML string that is passed to the dimension selector that dictates what dimensions are selectable
NUM_LOWER_BOUND	NUMBER	Yes	The numeric lower bound for number/integer parameter types
NUM_UPPER_BOUND	NUMBER	Yes	The numeric upper bound for number/integer parameter types
DATE_LOWER_BOUND	DATE	Yes	The date lower bound for date parameter types

Field	Type	Nulls?	Comments
DATE_UPPER_BOUND	DATE	Yes	The date upper bound for date parameter types
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2 (255)	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.
DEFAULT_VALUE	VARCHAR2 (3000)	Yes	The default value
REQUEST_URI	VARCHAR2 (255)	Yes	The namespace of the synch request, if different from SERVICE_URI
ROOT_ELEMENT	VARCHAR2 (80)	Yes	The root element of the synch request, for non JRF-based webservices
REQUEST_TRANSFORM	VARCHAR2 (4000)	Yes	An optional XSL Transformation string to transform the request
DOC_NAV_FILE_TYPE_FILTER	VARCHAR2 (2000)	Yes	List of file types that only should be displayed for this document navigator
EXCLUDE_FROM_ASYNC	VARCHAR2 (1)	Yes	True if this parameter should be excluded from the asynch webservice call
TASK_FIELD_ID	NUMBER (18)	Yes	For Task Field parameter, the ID of the task field to use as the value (See TaskParameter.java for the ID mapping)
HIDDEN	VARCHAR2 (1)	Yes	Whether this parameter is hidden from the user in the Parameters tab
DATE_FORMAT	VARCHAR2 (30)	Yes	The format string of the date parameter in a URL (i.e. YYYY-MM-DD)
INPUT_OUTPUT_TYPE	VARCHAR2 (1)	Yes	
OUTPUT_PARAMETER	NUMBER (18)	Yes	
EXT_URL_VALUE	VARCHAR2 (255)	Yes	
SSO_PARAMETER	VARCHAR2 (80)	Yes	

Index Name	Type	Unique	Fields
FCC_TASK_PARAMETER_DEFS_PK	NORMAL	Yes	PARAMETER_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCM_PARAMETERS_TL

The translation names of the parameters of an integration type

Primary Key(s): **PARAMETER_ID, LANGUAGE**

Field	Type	Nulls?	Comments
PARAMETER_ID	NUMBER (18)	No	The parameter ID: FK to FCC_TASK_PARAMETER_DEFS
LANGUAGE	VARCHAR2 (8)	No	The language the name is translated to
SOURCE_LANG	VARCHAR2 (4)	No	The source language the name is translated from
PARAMETER_NAME	VARCHAR2 (750)	No	The translated parameter name
PARAMETER_DESC	VARCHAR2 (3000)	Yes	The description of the the parameter. Used for hovertext/help
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2 (255)	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.
COUNTRY_CODE	VARCHAR2 (8)	Yes	

Index Name	Type	Unique	Fields
FCC_TASK_PARAMETER_DEFS_T_P K	NORMAL	Yes	PARAMETER_ID, LANGUAGE

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCM_PARAMETER_DEPS

The dependencies of an integration type parameter

Primary Key(s): **PARAMETER_ID, DEP_PARAMETER_ID**

Field	Type	Nulls?	Comments
PARAMETER_ID	NUMBER (18)	No	The Parameter ID: FK to FCC_TASK_PARAMETER_DEFS
DEP_PARAMETER_ID	NUMBER (18)	No	The dependent parameter ID: FK to FCC_TASK_PARAMETER_DEFS
PARAMETER_NAME	VARCHAR2 (60)	No	The name of the parameter in the external webservice that the value of the dependent parameter will be passed under
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2 (255)	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.

Index Name	Type	Unique	Fields
FCC_TASK_PARAMETER_DEPS_PK	NORMAL	Yes	PARAMETER_ID, DEP_PARAMETER_ID
FCC_TASK_PARAMETER_DEPS_N1	NORMAL	No	DEP_PARAMETER_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCM_PARAMETER_LOVS

The LOV items of a static LOV/opton group parameter

Primary Key(s): LOV_ID

Field	Type	Nulls?	Comments
LOV_ID	NUMBER (18)	No	The LOV ID
PARAMETER_ID	NUMBER (18)	No	The parameter ID: FK to FCC_TASK_PARAMETER_DEFS
LOV_ORDER	NUMBER (9)	No	The relative order of the LOV item
LOV_CODE	VARCHAR2 (30)	No	The internal LOV code of the item. This will be the value of the parameter
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2 (255)	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.

Index Name	Type	Unique	Fields
FCC_TASK_PARAMETER_LOVS_PK	NORMAL	Yes	LOV_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCM_PARAMETER_LOVS_TL

The translations of the LOV items of a static LOV/opton group parameter

Primary Key(s): LOV_ID, LANGUAGE

Field	Type	Nulls?	Comments
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Field	Type	Nulls?	Comments
LOV_ID	NUMBER (18)	No	The LOV ID. FK to FCC_TASK_PARAMETER_LOVS
LANGUAGE	VARCHAR2 (8)	No	The language the label is translated to
SOURCE_LANG	VARCHAR2 (4)	No	The language the label was translated from
LOV_LABEL	VARCHAR2 (600)	No	The translated label name
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2 (255)	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.
COUNTRY_CODE	VARCHAR2 (8)	Yes	

Index Name	Type	Unique	Fields
FCC_TASK_PARAMETER_LOVS_T_PK	NORMAL	Yes	LOV_ID, LANGUAGE

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCM_REPORTS

Primary Key(s): REPORT_ID

Field	Type	Nulls?	Comments
REPORT_ID	NUMBER (18)	No	Report Id
QUERY_ID	NUMBER (18)	Yes	Query Id

Field	Type	Nulls?	Comments
TEMPLATE	BLOB	Yes	BI Publisher Template
DISPLAY_TO_USER	VARCHAR2 (1)	Yes	Whether the report should be displayed to User or not
EXPOSED_FOR	VARCHAR2 (1)	No	Availability of the Report. R - Report BI - BI Dashboard B - Report and BI Dashboard
LAST_UPDATE_LOGIN	VARCHAR2 (255)	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2 (255)	Yes	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE	Yes	Who column: indicates the date and time of the last update of the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.
DEFAULT_OUTPUT_FORMAT	VARCHAR2 (5)	Yes	Default Output Format
TEMPLATE_NAME	VARCHAR2 (150)	Yes	Name of the Template File
REPORT_GROUP_ID	NUMBER (18)	Yes	Report Group Id
OBJECT_VERSION_NUMBER	NUMBER	Yes	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
ORDER_SEQ	NUMBER (3)	Yes	Order Sequence of the Report
USER_CREATED	VARCHAR2 (1)	Yes	User Created Flag

Index Name	Type	Unique	Fields
FCM_REPORTS_PK	NORMAL	Yes	REPORT_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCM_REPORTS_TL

Stores the translated names of the Reports

Primary Key(s): REPORT_ID, LANGUAGE

Field	Type	Nulls?	Comments
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Field	Type	Nulls?	Comments
REPORT_ID	NUMBER (18)	No	The Report ID - FK to FCM_REPORTS
LANGUAGE	VARCHAR2 (8)	No	The language of this name translation
SOURCE_LANG	VARCHAR2 (4)	No	The language the name was translated from
REPORT_NAME	VARCHAR2 (765)	No	The translated name of the Report
DESCRIPTION	VARCHAR2 (3000)	Yes	The translated description of the Report
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	NUMBER	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.
COUNTRY_CODE	VARCHAR2 (8)	Yes	Country Code
XLF_FILE	BLOB	Yes	Bi Publisher rtf Template Translation File

Index Name	Type	Unique	Fields
FCM_REPORTS_TL_PK	NORMAL	Yes	REPORT_ID, LANGUAGE

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCM_REPORT_ACCESS

Primary Key(s): ACCESS_ID

Field	Type	Nulls?	Comments
SOURCE_ID	NUMBER (18)	No	Source Id

Field	Type	Nulls?	Comments
ROLE_ID	VARCHAR2 (20)	No	Provisioning Role Id
OBJECT_VERSION_NUMBER	NUMBER	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	NUMBER	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.
MODULE_ID	VARCHAR2 (20)	Yes	Financial Close Management Module Id
ACCESS_ID	NUMBER (18)	No	Access Id

Index Name	Type	Unique	Fields
FCM_REPORT_ACCESS_PK	NORMAL	Yes	ACCESS_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCM_REPORT_GROUPS

Primary Key(s): REPORT_GROUP_ID

Field	Type	Nulls?	Comments
REPORT_GROUP_ID	NUMBER (18)	No	Report Group Id
DISPLAY_TO_USER	VARCHAR2 (1)	Yes	Display To User

Field	Type	Nulls?	Comments
OBJECT_VERSION_NUMBER	NUMBER	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	NUMBER	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.
USER_CREATED	VARCHAR2 (1)	Yes	User Created Flag

Index Name	Type	Unique	Fields
FCM_REPORT_GROUPS_PK	NORMAL	Yes	REPORT_GROUP_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCM_REPORT_GROUPS_TL

Stores the translated names of the Report Groups

Primary Key(s): REPORT_GROUP_ID, LANGUAGE

Field	Type	Nulls?	Comments
REPORT_GROUP_ID	NUMBER (18)	No	The Report Group ID - FK to FCM_REPORT_GROUPS
LANGUAGE	VARCHAR2 (8)	No	The language of this name translation
SOURCE_LANG	VARCHAR2 (4)	No	The language the name was translated from
REPORT_GROUP_NAME	VARCHAR2 (765)	No	The translated name of the Report Group
DESCRIPTION	VARCHAR2 (3000)	Yes	The translated description of the Report Gr

Field	Type	Nulls?	Comments
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	NUMBER	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.
COUNTRY_CODE	VARCHAR2 (8)	Yes	

Index Name	Type	Unique	Fields
FCM_REPORT_GROUPS_TL_PK	NORMAL	Yes	REPORT_GROUP_ID, LANGUAGE

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCM_REPORT_GROUP_MEMBERS

Primary Key(s): REPORT_GROUP_ID, REPORT_ID, ORDER_SEQ

Field	Type	Nulls?
REPORT_GROUP_ID	NUMBER (18)	No
REPORT_ID	NUMBER (18)	No
ORDER_SEQ	NUMBER (9)	No

Index Name	Type	Unique	Fields
FCM_REPORT_GROUP_MEMBERS_P K	NORMAL	Yes	REPORT_GROUP_ID, REPORT_ID, ORDER_SEQ

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCM_REPORT_PARAMETERS

Stores the information for a parameter that belongs to a query or report

Primary Key(s): **PARAMETER_ID**

Field	Type	Nulls?	Comments
PARAMETER_ID	NUMBER (18)	No	The Parameter unique ID
PARAMETER_CODE	VARCHAR2 (60)	No	The parameter code, which is the value in the SQL query delimited by ~
PARAMETER_TYPE	VARCHAR2 (3)	Yes	The parameter type: T = Text, I = Integer, N = Number, D = Date, DT = Date/Time, U = User, Q = Query, ARM = ARM Attribute, CM = CM Attribute, TAX = Tax Attribute
SOURCE_ID	NUMBER (18)	No	The ID of the source object, FK to either FCM_REPORT_QUERIES or FCM_REPORTS
USER_CREATED	VARCHAR2 (1)	No	Whether the parameter was created by the user or automatically by FCM when parsing the SQL
DISPLAY_TO_USER	VARCHAR2 (1)	No	Whether the parameter is displayed to the user or not
ORDER_SEQ	NUMBER (9)	No	The order sequence of the parameter
ATTRIBUTE_ID	VARCHAR2 (32)	Yes	The Query Attribute ID, if attribute is of type ARM, CM or TAX
VALUE_TEXT	VARCHAR2 (765)	Yes	The default text value, if parameter of type Text or User
VALUE_NUMBER	NUMBER	Yes	The default numeric value, if parameter of type integer or number
VALUE_DATE	DATE	Yes	The default date value, if parameter of type date or date/time
VALUE_LIST_CHOICE_ID	NUMBER (18)	Yes	The default List Choice value, if parameter is a list type ARM, CM or TAX attribute
QUERY_ID	NUMBER (18)	Yes	The query ID if parameter of type Query. FK to FCM_REPORT_QUERIES table
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.

Field	Type	Nulls?	Comments
LAST_UPDATE_LOGIN	NUMBER	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.

Index Name	Type	Unique	Fields
FCM_REPORT_PARAMETERS_N1	NORMAL	No	SOURCE_ID
FCM_REPORT_PARAMETERS_PK	NORMAL	Yes	PARAMETER_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCM_REPORT_PARAMETERS_TL

Stores the translated names of the Report Parameters

Primary Key(s): PARAMETER_ID, LANGUAGE

Field	Type	Nulls?	Comments
PARAMETER_ID	NUMBER (18)	No	The PARAMETER_ID- FK to FCM_REPORT_PARAMETERS
LANGUAGE	VARCHAR2 (8)	No	The language of this name translation
SOURCE_LANG	VARCHAR2 (4)	No	The language the name was translated from
DISPLAY_NAME	VARCHAR2 (765)	No	The translated name of the Parameter
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	NUMBER	Yes	Who column: indicates the session login associated to the user who last updated the row.

Field	Type	Nulls?	Comments
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.
COUNTRY_CODE	VARCHAR2 (8)	Yes	

Index Name	Type	Unique	Fields
FCM_REPORT_PARAMETERS_TL_PK	NORMAL	Yes	PARAMETER_ID, LANGUAGE

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCM_REPORT_QUERIES

Table that stores the queries for reports

Primary Key(s): QUERY_ID

Field	Type	Nulls?	Comments
QUERY_ID	NUMBER (18)	No	Query ID
DISPLAY_TO_USER	VARCHAR2 (1)	Yes	Whether the Query should be displayed to the User or not
QUERY_TYPE	VARCHAR2 (1)	No	The query type: R = Report, P = Parameter
SQL_QUERY_TEXT	CLOB	Yes	The SQL Statement to execute with the query
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	NUMBER	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.

Field	Type	Nulls?	Comments
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.
USER_CREATED	VARCHAR2 (1)	Yes	User Created Flag

Index Name	Type	Unique	Fields
FCM_REPORT_QUERIES_PK	NORMAL	Yes	QUERY_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCM_REPORT_QUERIES_TL

Stores the translated names of the Report Queries

Primary Key(s): QUERY_ID, LANGUAGE

Field	Type	Nulls?	Comments
QUERY_ID	NUMBER (18)	No	The Query ID - FK to FCM_REPORT_QUERIES
LANGUAGE	VARCHAR2 (8)	No	The language of this name translation
SOURCE_LANG	VARCHAR2 (4)	No	The language the name was translated from
QUERY_NAME	VARCHAR2 (765)	No	The translated name of the Query
DESCRIPTION	VARCHAR2 (3000)	Yes	The translated description of the Query
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	NUMBER	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.

Field	Type	Nulls?	Comments
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.
COUNTRY_CODE	VARCHAR2 (8)	Yes	

Index Name	Type	Unique	Fields
FCM_REPORT_QUERIES_TL_PK	NORMAL	Yes	QUERY_ID, LANGUAGE

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCM_RULES

Primary Key(s): RULE_ID

Field	Type	Nulls?
RULE_ID	NUMBER (18)	No
DESCRIPTION	VARCHAR2 (4000)	Yes
OBJECT_ID	NUMBER (18)	No
OBJECT_TYPE	VARCHAR2 (3)	No
OBJECT_SUBTYPE	VARCHAR2 (4)	Yes
RULE_TYPE	VARCHAR2 (16)	Yes
ORDER_SEQ	NUMBER (9)	Yes
TRIGGERS	VARCHAR2 (256)	Yes
FILTER_ID	NUMBER (18)	Yes
RESPONSIBILITY_LEVELS	VARCHAR2 (32)	Yes
TARGET_OBJECT_ID	NUMBER (18)	Yes
TARGET_OBJECT_TYPE	VARCHAR2 (1)	Yes
TARGET_OBJECT_SOURCE	VARCHAR2 (1)	Yes
USER_MESSAGE	VARCHAR2 (4000)	Yes
TARGET_VALUE_TYPE	VARCHAR2 (16)	Yes
TARGET_VALUE_TEXT	VARCHAR2 (4000)	Yes
TARGET_VALUE_NUMBER	NUMBER	Yes
TARGET_VALUE_DATE	DATE	Yes

Field	Type	Nulls?
TARGET_VALUE_LIST_ID	NUMBER (18)	Yes
TARGET_VALUE_TEXT_TYPE	VARCHAR2 (1)	Yes
TARGET_VALUE_NUMBER1	NUMBER (29, 12)	Yes
TARGET_VALUE_NUMBER2	NUMBER (29, 12)	Yes
TARGET_VALUE_PERCENT	NUMBER (3)	Yes
OBJECT_VERSION_NUMBER	NUMBER (9)	Yes
LAST_UPDATE_LOGIN	NUMBER	Yes
LAST_UPDATE_DATE	DATE	Yes
CREATION_DATE	DATE	Yes
CREATED_BY	VARCHAR2 (256)	Yes
LAST_UPDATE_BY	VARCHAR2 (256)	Yes

Index Name	Type	Unique	Fields
FCM_RULES_PK	NORMAL	Yes	RULE_ID
FCM_RULES_N1	NORMAL	No	OBJECT_ID
FCM_RULES_N2	NORMAL	No	OBJECT_ID, RULE_TYPE

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCM_SETTINGS

Table that stores user settings and preferences

Primary Key(s): USER_ID, APP_ID, ROLE_ID, SETTING_ID

Field	Type	Default	Nulls?	Comments
USER_ID	VARCHAR2 (255)		No	user GID
APP_ID	NUMBER (1)		No	application id 0:ARM 1:FCM 2:TAX
SETTING_ID	VARCHAR2 (255)		No	setting identifier key
ROLE_ID	NUMBER (5)	-1	No	
OBJECT_VERSION_NUMBER	NUMBER (9)		Yes	version stamp
VALUE	VARCHAR2 (2000)		Yes	setting value

Index Name	Type	Unique	Fields
FCM_SETTINGS_IDX_N1	NORMAL	No	USER_ID, APP_ID

Index Name	Type	Unique	Fields
FCM_SETTINGS_PK	NORMAL	Yes	USER_ID, APP_ID, ROLE_ID, SETTING_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCM_TASK_STEP_RESULTS

Primary Key(s): OBJECT_ID, TASK_STEP_INTEGRATION_ID

Field	Type	Nulls?	Comments
OBJECT_ID	NUMBER (18)	No	Object Id of the system integration task.
TASK_STEP_INTEGRATION_ID	NUMBER (18)	No	The integration id of the step in the integration type of the system automated task.
ERROR_MSG	VARCHAR2 (3000)	Yes	The error message associated with the task's run.
LOG_LOCATION	VARCHAR2 (500)	Yes	Location of the log file for asynch tasks
REPORT_LOCATION	VARCHAR2 (2000)	Yes	URLS of the reports for asynch tasks
STEP_START_DATE	DATE	Yes	The date when the setp has begun execution.
STEP_END_DATE	DATE	Yes	The date when the step has finished execution.
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	NUMBER	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.

Index Name	Type	Unique	Fields
FCM_TASK_STEP_RESULTS_PK	NORMAL	Yes	OBJECT_ID, TASK_STEP_INTEGRATION_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCM_TEAMS

Primary Key(s): TEAM_ID

Field	Type	Nulls?	Comments
TEAM_ID	VARCHAR2 (38)	No	object id
TEAM_NAME	VARCHAR2 (80)	No	name of team
TEAM_DESCRIPTION	VARCHAR2 (255)	Yes	description of team
HAS_PREPARER	VARCHAR2 (1)	Yes	flag indicated team has preparer role
HAS_REVIEWER	VARCHAR2 (1)	Yes	flag indicated team has reviewer role
HAS_VIEWER	VARCHAR2 (1)	Yes	flag indicated team has viewer role
HAS_COMMENTATOR	VARCHAR2 (1)	Yes	flag indicated team has commentator role
HAS_FCC_ADMIN	VARCHAR2 (1)	Yes	
HAS_FCC_POWER	VARCHAR2 (1)	Yes	
HAS_FCC_USER	VARCHAR2 (1)	Yes	
HAS_TAX_ADMIN	VARCHAR2 (1)	Yes	
HAS_TAX_POWER	VARCHAR2 (1)	Yes	
HAS_TAX_USER	VARCHAR2 (1)	Yes	
PRIMARY_USER_ID	VARCHAR2 (255)	Yes	
DELETED	VARCHAR2 (1)	Yes	
OBJECT_VERSION_NUMBER	NUMBER (9)	Yes	version stamp
LAST_UPDATE_LOGIN	NUMBER	Yes	numeric id of last modifier
LAST_UPDATED_BY	VARCHAR2 (255)	Yes	numeric id of last modifier
LAST_UPDATE_DATE	DATE	Yes	timestamp of last modification
CREATED_BY	VARCHAR2 (255)	Yes	id of creator
CREATION_DATE	DATE	Yes	timestamp of creation

Index Name	Type	Unique	Fields
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Index Name	Type	Unique	Fields
FCM_TEAMS_PK	NORMAL	Yes	TEAM_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCM_TEAM_USERS

Primary Key(s): TEAM_ID, USER_ID

Field	Type	Nulls?	Comments
TEAM_ID	VARCHAR2 (255)	No	team id
USER_ID	VARCHAR2 (255)	No	user GID
LAST_UPDATE_LOGIN	NUMBER	Yes	id of last modifier
LAST_UPDATED_BY	VARCHAR2 (255)	Yes	id of last modifier
LAST_UPDATED_DATE	DATE	Yes	date of last modification
CREATED_BY	VARCHAR2 (255)	Yes	creator of record
CREATION_DATE	DATE	Yes	timestamp of record creation
OBJECT_VERSION_NUMBER	NUMBER (9)	Yes	version stamp

Index Name	Type	Unique	Fields
FCM_TEAM_USERS_N1	NORMAL	No	TEAM_ID
FCM_USER_TEAMS_N1	NORMAL	No	USER_ID
FCM_TEAM_USERS_PK	NORMAL	Yes	TEAM_ID, USER_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCM_USERS

Primary Key(s): USER_ID

Field	Type	Nulls?	Comments
USER_ID	VARCHAR2 (255)	No	object id
STATUS_FLAG	VARCHAR2 (1)	Yes	availability flag
EMAIL_START_HOUR	NUMBER (2)	Yes	
EMAIL_END_HOUR	NUMBER (2)	Yes	
USER_LOGIN	VARCHAR2 (255)	Yes	
FIRST_NAME	VARCHAR2 (300)	Yes	
LAST_NAME	VARCHAR2 (300)	Yes	
EXTERNAL_USER	VARCHAR2 (1)	Yes	
USER_TIMEZONE	VARCHAR2 (255)	Yes	
USER_SKIN	VARCHAR2 (255)	Yes	
OBJECT_VERSION_NUMBER	NUMBER (9)	Yes	version stamp
LAST_UPDATE_LOGIN	NUMBER	Yes	numerical id of last modifier
LAST_UPDATED_BY	VARCHAR2 (255)	Yes	id of last modifier
LAST_UPDATE_DATE	DATE	Yes	timestamp of last modification
CREATED_BY	VARCHAR2 (255)	Yes	id of creator
CREATION_DATE	DATE	Yes	timestamp of creator

Index Name	Type	Unique	Fields
FCM_USERS_PK	NORMAL	Yes	USER_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCM_USER_HISTORY

Primary Key(s): HISTORY_FIELD_ID

Field	Type	Nulls?	Comments
HISTORY_FIELD_ID	NUMBER (18)	No	The history field unique identifier
USER_ID	VARCHAR2 (255)	Yes	The user ID that this history entry belongs to
FIELD_ID	NUMBER (9)	Yes	The field ID which states what field (such as task name, start date, end date, etc.) changed. Refer to HistoryManager.java for the full enumeration

Field	Type	Nulls?	Comments
CHANGE_TYPE_ID	NUMBER (9)	Yes	The ID of the change type, such as Added, Removed, Modified, etc. Refer to HistoryManager.java for the full enumeration
OLD_VALUE	VARCHAR2 (4000)	Yes	The prior value of the field
NEW_VALUE	VARCHAR2 (4000)	Yes	The new value of the field
CHANGED_BY	VARCHAR2 (255)	Yes	The person who made the modification
CHANGED_ON	DATE	Yes	The date of the modification
OBJECT_VERSION_NUMBER	NUMBER (9)	Yes	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	NUMBER	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATE_DATE	DATE	Yes	Who column: indicates the date and time of the last update of the row.
LAST_UPDATED_BY	VARCHAR2 (255)	Yes	Who column: indicates the user who last updated the row.
CREATION_DATE	DATE	Yes	Who column: indicates the date and time of the creation of the row.
CREATED_BY	VARCHAR2 (255)	Yes	Who column: indicates the user who created the row.

Index Name	Type	Unique	Fields
FCM_USER_HISTORY_N1	NORMAL	No	USER_ID
FCM_USER_HISTORY_PK	NORMAL	Yes	HISTORY_FIELD_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FCM_USER_NOTIF_PREFS

Primary Key(s): USER_ID, CATEGORY_ID

Field	Type	Nulls?	Comments
USER_ID	VARCHAR2 (255)	No	User Id

Field	Type	Nulls?	Comments
CATEGORY_ID	NUMBER (3)	No	Notification Category Setting.
VALUE_SETTING	NUMBER (2)	Yes	The value of the setting.
LAST_NOTIFIED_HOUR	NUMBER (2)	Yes	The 0-48 hour interval when the user was sent the email for a specified category.
NEXT_NOTIFICATION_HOUR	NUMBER (2)	Yes	The 0-48 hour interval when the user will next be sent the email for a specified category.
LAST_NOTIFIED_DATE	DATE	Yes	The exact last notified date include year, hour, day and time. Used in status change notifications.
NEXT_NOTIFICATION_DATE	DATE	Yes	The exact next notification date include year, hour, day and time. Used in status change notifications.
OBJECT_VERSION_NUMBER	NUMBER (9)	Yes	Used to implement optimistic locking.
LAST_UPDATE_LOGIN	NUMBER	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2 (255)	Yes	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE	Yes	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2 (255)	Yes	Who column: indicates the user who created the row.
CREATION_DATE	DATE	Yes	Who column: indicates the date and time of the creation of the row.

Index Name	Type	Unique	Fields
FCM_USER_NOTIF_PREFS_N1	NORMAL	No	USER_ID
FCM_USER_NOTIF_PREFS_PK	NORMAL	Yes	USER_ID, CATEGORY_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

SDM_COMMENT

Stores comment for different objects of SDM e.g. Form.

Primary Key(s): COMMENT_ID

Field	Type	Nulls?	Comments
COMMENT_ID	NUMBER (18)	No	Unique identifier of the record.

Field	Type	Nulls?	Comments
COMMENT_OWNER_ID	NUMBER (18)	No	Refers to the object, for which, comment is created. Some examples are: 1. SDM_FORM_INSTANCE.FORM_INSTANCE_ID: for Form
CREATOR_ID	VARCHAR2 (255)	No	The person who created the comment
USER_CREATION_DATE	DATE	No	The date of the comment creation
COMMENT_TEXT	CLOB	Yes	Text of the comment
APP_ID	NUMBER (1)	No	Identifier for the application to which the row corresponds to. e.g. SDM:4.
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2 (255)	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.

Index Name	Type	Unique	Fields
SDM_COMMENT_PK	NORMAL	Yes	COMMENT_ID
SDM_COMMENT_N1_ONR_ID	NORMAL	No	COMMENT_OWNER_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

SDM_CONNECTION

Stores connection details of other products e.g. HFM.

Primary Key(s): CONNECTION_ID

Field	Type	Nulls?	Comments
CONNECTION_ID	NUMBER (18)	No	Unique identifier of the record.

Field	Type	Nulls?	Comments
NAME	VARCHAR2 (80)	No	Name of the connection as entered by the user
CLUSTER_NAME	VARCHAR2 (255)	No	Cluster name of other product
APPLICATION_NAME	VARCHAR2 (255)	No	Application name of other product
DESCRIPTION	VARCHAR2 (255)	Yes	Description as entered by the user
APP_ID	NUMBER (1)	No	Identifier for the application to which the row corresponds to. e.g. SDM:4.
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2 (255)	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.

Index Name	Type	Unique	Fields
SDM_CONNECTION_PK	NORMAL	Yes	CONNECTION_ID
SDM_CONNECTION_U1_NAME	FUNCTION-BASED NORMAL	Yes	SYS_NC00013\$, APP_ID

No Check Constraints

No Internal Foreign Keys

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
SDM_FRM_MPING_CONN_ID_FK	PS4FCM	SDM_FORM_MAPPING	CONNECTION_ID
SDM_ITGRTN_CNECTN_ID_FK	PS4FCM	SDM_INTEGRATION	CONNECTION_ID

No Enabled Triggers

SDM_CURRENCY

Stores all currencies of the system.

Primary Key(s): CURRENCY_ID

Field	Type	Nulls?	Comments
CURRENCY_ID	NUMBER (18)	No	Unique identifier of the record.
CURRENCY_CODE	VARCHAR2 (15)	No	Code of the currency.
DECIMAL_PLACES	NUMBER (2)	No	Decimal places to be used for the number of this currency.
CURRENCY_SYMBOL	VARCHAR2 (32)	No	Symbol of the currency.
USER_CREATED	CHAR (1)	No	Indicates whether this currency is created by the user or not. Value is Y or N.
ENABLED	CHAR (1)	No	Indicates whether this currency is enabled or not. Value is Y or N.
DESCRIPTION	VARCHAR2 (255)	Yes	Description of the currency.
APP_ID	NUMBER (1)	No	Identifier for the application to which the row corresponds to. e.g. SDM:4.
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2 (255)	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.

Index Name	Type	Unique	Fields
SDM_CURRENCY_PK	NORMAL	Yes	CURRENCY_ID
SDM_CURRENCY_U1_CODE	FUNCTION-BASED NORMAL	Yes	SYS_NC00015\$, APP_ID

No Check Constraints

No Internal Foreign Keys

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
SDM_DS_CLMN_CURR_ID_FK	PS4FCM	SDM_DATA_SET_COLUMN	CURRENCY_ID

No Enabled Triggers

SDM_DATA_COLLECTION_PERIOD

Stores details of data collection periods.

Primary Key(s): DCP_ID

Field	Type	Nulls?	Comments
DCP_ID	NUMBER (18)	No	Unique identifier of the record.
YEAR_ID	NUMBER (18)	No	Year of this data collection period. Refers to YEAR_ID of SDM_YEAR table.
PERIOD_ID	NUMBER (18)	No	Period of this data collection period. Refers to PERIOD_ID of SDM_PERIOD table.
SCENARIO_ID	NUMBER (18)	No	Scenario of this data collection period. Refers to DYNAMIC_DATA_ID of SDM_SCENARIO table.
STATUS	VARCHAR2 (40)	No	Status of the data collection period. e.g. Pending, Open, Closed, Locked.
START_DATE	DATE	Yes	Start date of this data collection period.
END_DATE	DATE	Yes	End date of this data collection period.
CLOSE_DATE	DATE	Yes	Close date of this data collection period.
COMPOSITE_INSTANCE_ID	VARCHAR2 (20)	Yes	Indicates SOA scheduler composite instance id.
APP_ID	NUMBER (1)	No	Identifier for the application to which the row corresponds to. e.g. SDM:4.
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2 (255)	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.

Index Name	Type	Unique	Fields
SDM_DCP_PK	NORMAL	Yes	DCP_ID
SDM_DCP_U1_YPS	NORMAL	Yes	YEAR_ID, PERIOD_ID, SCENARIO_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
SDM_DCP_YEAR_ID_FK	YEAR_ID	PS4FCM	SDM_YEAR
SDM_DCP_PERIOD_ID_FK	PERIOD_ID	PS4FCM	SDM_PERIOD
SDM_DCP_SCENARIO_ID_FK	SCENARIO_ID	PS4FCM	SDM_SCENARIO

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
SDM_DS_CLMN_DCP_ID_FK	PS4FCM	SDM_DATA_SET_COLUMN	DCP_ID
SDM_DS_CLMN_LSTVAL_DCP_ID_FK	PS4FCM	SDM_DATA_SET_CLMN_LIST_VAL	DCP_ID
SDM_DS_DCP_ID_FK	PS4FCM	SDM_DATA_SET	DCP_ID
SDM_FORM_COLUMN_DCP_ID_FK	PS4FCM	SDM_FORM_COLUMN	DCP_ID
SDM_FORM_DCP_ID_FK	PS4FCM	SDM_FORM	DCP_ID
SDM_FORM_GROUPBY_DCP_ID_FK	PS4FCM	SDM_FORM_GROUP_BY	DCP_ID
SDM_FRM_ACES_DCP_ID_FK	PS4FCM	SDM_FORM_ACCESS	DCP_ID
SDM_FRM_DCU_DCP_ID_FK	PS4FCM	SDM_FORM_DCU	DCP_ID
SDM_FRM_DEPLOY_DCP_ID_FK	PS4FCM	SDM_FORM_DEPLOY	DCP_ID
SDM_FRM_INS_DCP_ID_FK	PS4FCM	SDM_FORM_INSTANCE	DCP_ID
SDM_FRM_MPING_DCP_ID_FK	PS4FCM	SDM_FORM_MAPPING	DCP_ID
SDM_FRM_QSTN_DCP_ID_FK	PS4FCM	SDM_FORM_QUESTION	DCP_ID
SDM_FRM_SECTION_DCP_ID_FK	PS4FCM	SDM_FORM_SECTION	DCP_ID
SDM_QSTN_LSTVAL_DCP_ID_FK	PS4FCM	SDM_FORM_QUESTION_LIST_VAL	DCP_ID

No Enabled Triggers

SDM_DATA_SET

Stores all data sets of the system.

Primary Key(s): DATA_SET_ID

Field	Type	Nulls?	Comments
DATA_SET_ID	NUMBER (18)	No	Unique identifier of the record.
NAME	VARCHAR2 (80)	No	Name of the data set.
DESCRIPTION	VARCHAR2 (1000)	Yes	Description of the data set.
DB_TABLE_NAME	VARCHAR2 (50)	Yes	For each data set, one table is created dynamically to store the data. This field indicates the database table name.
MASTER_ID	NUMBER (18)	Yes	During deploy, copy record is created. This field is populated in copy record to point to the master record. Refers to primary key of this same table.

Field	Type	Nulls?	Comments
DCP_ID	NUMBER (18)	Yes	Data Collection Period, to which, this copy record belongs. Refers to DCP_ID of SDM_DATA_COLLECTION_PERIOD table.
APP_ID	NUMBER (1)	No	Identifier for the application to which the row corresponds to. e.g. SDM:4.
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2 (255)	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.

Index Name	Type	Unique	Fields
SDM_DS_PK	NORMAL	Yes	DATA_SET_ID
SDM_DS_U1_NAME_DCP	FUNCTION-BASED NORMAL	Yes	SYS_NC00014\$, DCP_ID, APP_ID
SDM_DS_U2_MASTER_DCP	NORMAL	Yes	MASTER_ID, DCP_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
SDM_DS_MASTER_ID_FK	MASTER_ID	PS4FCM	SDM_DATA_SET
SDM_DS_DCP_ID_FK	DCP_ID	PS4FCM	SDM_DATA_COLLECTION_PERIOD

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
SDM_DS_CLMN_DATASETID_FK	PS4FCM	SDM_DATA_SET_COLUMN	DATA_SET_ID
SDM_FRM_SECTION_DS_ID_FK	PS4FCM	SDM_FORM_SECTION	DATA_SET_ID

No Enabled Triggers

SDM_DATA_SET_CLMN_LIST_VAL

Stores all list values of data set attribute, when data type of attribute is List.

Primary Key(s): DATASET_COLUMN_LIST_VAL_ID

Field	Type	Nulls?	Comments
DATASET_COLUMN_LIST_VAL_ID	NUMBER (18)	No	Unique identifier of the record.
DATA_SET_COLUMN_ID	NUMBER (18)	No	Data Set attribute, to which, this list belongs. Refers to DATA_SET_COLUMN_ID of SDM_DATA_SET_COLUMN table.
LIST_VALUE	VARCHAR2 (255)	No	Value of the list.
LIST_ORDER	NUMBER (4)	No	Indicates the order, in which, list should be displayed.
MASTER_ID	NUMBER (18)	Yes	During deploy, copy record is created. This field is populated in copy record to point to the master record. Refers to primary key of this same table.
DCP_ID	NUMBER (18)	Yes	Data Collection Period, to which, this copy record belongs. Refers to DCP_ID of SDM_DATA_COLLECTION_PERIOD table.
APP_ID	NUMBER (1)	No	Identifier for the application to which the row corresponds to. e.g. SDM:4.
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2 (255)	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.

Index Name	Type	Unique	Fields
SDM_DS_CLMN_LSTVAL_PK	NORMAL	Yes	DATASET_COLUMN_LIST_VAL_ID
SDM_DS_CLMN_LST_U1_CID_LST	FUNCTION-BASED NORMAL	Yes	DATA_SET_COLUMN_ID, SYS_NC00014\$
SDM_DS_CLMN_LST_U2_MSTR_DC P	NORMAL	Yes	MASTER_ID, DCP_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
SDM_DS_CLMN_LSTVAL_CLMN_ID_FK	DATA_SET_COLUMN_ID	PS4FCM	SDM_DATA_SET_COLUMN
SDM_DS_CLMN_LSTVAL_DCP_ID_FK	DCP_ID	PS4FCM	SDM_DATA_COLLECTION_PERIOD

No External Foreign Keys

No Enabled Triggers

SDM_DATA_SET_COLUMN

Stores all attributes of each Data Set.

Primary Key(s): DATA_SET_COLUMN_ID

Field	Type	Nulls?	Comments
DATA_SET_COLUMN_ID	NUMBER (18)	No	Unique identifier of the record.
DATA_SET_ID	NUMBER (18)	No	Data Set, to which, this attribute belongs. Refers to DATA_SET_ID of SDM_DATA_SET table.
NAME	VARCHAR2 (80)	No	Name of the attribute.
DATA_TYPE	VARCHAR2 (20)	No	Data Type of the attribute. e.g. Date, Date/Time, List, Integer, Number, Text, Boolean
COLUMN_TYPE	VARCHAR2 (25)	No	Type of the attribute. e.g. Input, Calculated, Reference
COLUMN_TYPE_INTERNAL	VARCHAR2 (30)	No	Internal Type of the attribute. e.g. Year, Period, Scenario, Entity, DimensionReference, UserDefined
IS_REQUIRED	CHAR (1)	No	Indicates whether this attribute is mandatory during data entry or not. Value is Y or N.
IS_KEY	CHAR (1)	No	Indicates whether this attribute is a key or not. Value is Y or N.
IS_DCU	CHAR (1)	No	Indicates whether this attribute participates in Data Collection Unit or not. Value is Y or N.
IS_ASSIGN_WORKFLOW	CHAR (1)	No	Indicates whether this attribute participates in workflow assignment or not. Value is Y or N.
IS_DEFAULT	CHAR (1)	No	Indicates whether this attribute is coming, by default, from dimension or not. Value is Y or N.

Field	Type	Nulls?	Comments
USE_DEFAULT_VALUE	CHAR (1)	No	Indicates whether default value should be used or not. Default value is stored in DEFAULT_VALUE column. Value is Y or N.
COLUMN_ORDER	NUMBER (4)	No	Indicates the order, in which, attributes should be displayed.
DESCRIPTION	VARCHAR2 (1000)	Yes	Description of the attribute.
DEFAULT_VALUE	VARCHAR2 (1000)	Yes	If USE_DEFAULT_VALUE is Y then corresponding default value is stored here.
TOTALING_METHOD	VARCHAR2 (40)	Yes	Indicates totaling method for Integer and Number type of attributes. e.g. Sum, Average, Count, None
DECIMAL_PLACES	NUMBER (2)	Yes	Indicates number of decimal places when data type of the attribute is Number.
USE_THOUSAND_SEPARATOR	CHAR (1)	Yes	Indicates whether thousand separator should be used to display a number or not. Value is Y or N.
IS_PERCENTAGE	CHAR (1)	Yes	Indicates whether it should be displayed as percentage or not. Value is Y or N.
CURRENCY_ID	NUMBER (18)	Yes	For Number type of attribute, indicates the currency. Refers to CURRENCY_ID of SDM_CURRENCY table.
NEGATIVE_NUMBER_FORMAT	VARCHAR2 (10)	Yes	Indicates format of negative number display. e.g. -123 or (123)
NUMBER_SCALE	VARCHAR2 (15)	Yes	For Number type of attribute, indicates the scale to be applied. e.g. 1000, 10000 etc.
DIMENSION_ATTRIBUTE_ID	NUMBER (18)	Yes	When attribute comes from dimension, it refers to corresponding dimension attribute id. Refers to DIMENSION_ATTRIBUTE_ID of SDM_DIMENSION_ATTRIBUTE table.
DIMENSION_ID	NUMBER (18)	Yes	When attribute comes from dimension, it refers to corresponding dimension id. Refers to DIMENSION_ID of SDM_DIMENSION table.
REF_DIM_IS_KEY	CHAR (1)	Yes	When attribute comes from dimension, it indicates whether this dimension attribute is also a key attribute in the referenced dimension or not. Value is Y or N.
FILTER_ID	NUMBER (18)	Yes	Refers to the Id of all validations of this attribute.
CALCULATION_ID	NUMBER (18)	Yes	Refers to the Id of all calculations of this attribute.
DB_COLUMN_NAME	VARCHAR2 (100)	Yes	For each data set, one table is created dynamically to store the data. This field indicates the database column name, where, value of this attribute is stored.

Field	Type	Nulls?	Comments
MASTER_ID	NUMBER (18)	Yes	During deploy, copy record is created. This field is populated in copy record to point to the master record. Refers to primary key of this same table.
DCP_ID	NUMBER (18)	Yes	Data Collection Period, to which, this copy record belongs. Refers to DCP_ID of SDM_DATA_COLLECTION_PERIOD table.
APP_ID	NUMBER (1)	No	Identifier for the application to which the row corresponds to. e.g. SDM:4.
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2 (255)	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.

Index Name	Type	Unique	Fields
SDM_DS_CLMN_U1_DS_NAME	FUNCTION-BASED NORMAL	Yes	DATA_SET_ID, SYS_NC00038\$
SDM_DS_CLMN_U2_MASTER_DCP	NORMAL	Yes	MASTER_ID, DCP_ID
SDM_DS_CLMN_PK	NORMAL	Yes	DATA_SET_COLUMN_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
SDM_DS_CLMN_DATASETID_FK	DATA_SET_ID	PS4FCM	SDM_DATA_SET
SDM_DS_CLMN_CURR_ID_FK	CURRENCY_ID	PS4FCM	SDM_CURRENCY
SDM_DS_CLMN_ATTRIB_ID_FK	DIMENSION_ATTRIBUTE_ID	PS4FCM	SDM_DIMENSION_ATTRIBUTE
SDM_DS_CLMN_DIM_ID_FK	DIMENSION_ID	PS4FCM	SDM_DIMENSION
SDM_DS_CLMN_MSTR_ID_FK	MASTER_ID	PS4FCM	SDM_DATA_SET_COLUMN
SDM_DS_CLMN_DCP_ID_FK	DCP_ID	PS4FCM	SDM_DATA_COLLECTION_PERIOD

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
SDM_DS_CLMN_LSTVAL_CLMN_ID_FK	PS4FCM	SDM_DATA_SET_CLMN_LIST_VAL	DATA_SET_COLUMN_ID
SDM_FORM_COLUMN_DS_CLMN_ID_FK	PS4FCM	SDM_FORM_COLUMN	DATA_SET_COLUMN_ID
SDM_FORM_GROUPBY_DS_CLMN_ID_FK	PS4FCM	SDM_FORM_GROUP_BY	DATA_SET_COLUMN_ID

No Enabled Triggers

SDM_DIMENSION

Stores all dimensions of the system.

Primary Key(s): DIMENSION_ID

Field	Type	Nulls?	Comments
DIMENSION_ID	NUMBER (18)	No	Unique identifier of the record.
NAME	VARCHAR2 (80)	No	Name of the dimension.
DIMENSION_TYPE	VARCHAR2 (30)	No	Type of the dimension. e.g. Scenario, Entity, UserDefined
IS_DATASET_DEFAULT	CHAR (1)	No	Indicates whether this dimension should be included by default in new data set or not. Value is Y or N.
DESCRIPTION	VARCHAR2 (1000)	Yes	Description of the dimension.
IMPORT_SOURCE	VARCHAR2 (20)	Yes	In case of imported dimension, it indicates the source system. e.g. HFM
DB_TABLE_NAME	VARCHAR2 (50)	Yes	For each dimension, one table is created dynamically to store the members. This field indicates the database table name.
APP_ID	NUMBER (1)	No	Identifier for the application to which the row corresponds to. e.g. SDM:4.
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2 (255)	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.

Field	Type	Nulls?	Comments
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.

Index Name	Type	Unique	Fields
SDM_DIMENSION_PK	NORMAL	Yes	DIMENSION_ID
SDM_DIMENSION_U1_NAME	FUNCTION-BASED NORMAL	Yes	SYS_NC00015\$, APP_ID

No Check Constraints

No Internal Foreign Keys

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
SDM_DIM_ATTRIB_DIM_ID_FK	PS4FCM	SDM_DIMENSION_ATTRIBUT TE	DIMENSION_ID
SDM_DS_CLMN_DIM_ID_FK	PS4FCM	SDM_DATA_SET_COLUMN	DIMENSION_ID

No Enabled Triggers

SDM_DIMENSION_ATTRIBUTE

Stores all attributes of each dimension.

Primary Key(s): DIMENSION_ATTRIBUTE_ID

Field	Type	Nulls?	Comments
DIMENSION_ATTRIBUTE_ID	NUMBER (18)	No	Unique identifier of the record.
DIMENSION_ID	NUMBER (18)	No	Dimension, to which, this attribute belongs. Refers to DIMENSION_ID of SDM_DIMENSION table.
NAME	VARCHAR2 (80)	No	Name of the attribute.
DATA_TYPE	VARCHAR2 (20)	No	Data Type of the attribute. e.g. Date, Date/Time, List, Integer, Number, Text, Boolean
IS_KEY	CHAR (1)	No	Indicates whether this attribute is a key or not. Value is Y or N.
USE_DEFAULT_VALUE	CHAR (1)	No	Indicates whether default value should be used or not. Default value is stored in DEFAULT_VALUE column. Value is Y or N.
ATTRIBUTE_ORDER	NUMBER (4)	No	Indicates the order, in which, attributes should be displayed.
ATTRIB_TYPE_INTERNAL	VARCHAR2 (40)	No	Indicates type of the attribute. e.g. ScenarioName, ScenarioDescription, EntityName, EntityDescription, EntityCurrency, UserDefined

Field	Type	Nulls?	Comments
DESCRIPTION	VARCHAR2 (1000)	Yes	Description of the attribute.
DEFAULT_VALUE	VARCHAR2 (1000)	Yes	If USE_DEFAULT_VALUE is Y then corresponding default value is stored here.
DECIMAL_PLACES	NUMBER (2)	Yes	Indicates number of decimal places when data type of the attribute is Number.
USE_THOUSAND_SEPARATOR	CHAR (1)	Yes	Indicates whether thousand separator should be used to display a number or not. Value is Y or N.
IS_PERCENTAGE	CHAR (1)	Yes	Indicates whether it should be displayed as percentage or not. Value is Y or N.
NEGATIVE_NUMBER_FORMAT	VARCHAR2 (10)	Yes	Indicates format of negative number display. e.g. -123 or (123)
REFERENCE_ATTRIB_ID	NUMBER (18)	Yes	When attribute references attribute of another dimension. Refers to DIMENSION_ATTRIBUTE_ID of SDM_DIMENSION_ATTRIBUTE table.
DB_COLUMN_NAME	VARCHAR2 (100)	Yes	For each dimension, one table is created dynamically to store the members. This field indicates the database column name, where, value of this attribute is stored.
APP_ID	NUMBER (1)	No	Identifier for the application to which the row corresponds to. e.g. SDM:4.
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2 (255)	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.

Index Name	Type	Unique	Fields
SDM_DIM_ATTRIB_U1_DIM_NAME	FUNCTION-BASED NORMAL	Yes	DIMENSION_ID, SYS_NC00024\$
SDM_DIM_ATTRIB_PK	NORMAL	Yes	DIMENSION_ATTRIBUTE_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
SDM_DIM_ATTRIB_DIM_ID_FK	DIMENSION_ID	PS4FCM	SDM_DIMENSION
SDM_DIM_ATTRIB_ATTRIB_FK	REFERENCE_ATTRIB_ID	PS4FCM	SDM_DIMENSION_ATTRIBUTE

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
SDM_DIM_ATTR_LSTVAL_ATTR_ID_FK	PS4FCM	SDM_DIM_ATTRIBUTE_LIST_VAL	DIMENSION_ATTRIBUTE_ID
SDM_DS_CLMN_ATTRIB_ID_FK	PS4FCM	SDM_DATA_SET_COLUMN	DIMENSION_ATTRIBUTE_ID

No Enabled Triggers

SDM_DIM_ATTRIBUTE_LIST_VAL

Stores all list values of dimension attribute, when data type of attribute is List.

Primary Key(s): DIMENSION_ATTRIBUTE_LIST_VAL_ID

Field	Type	Nulls?	Comments
DIMENSION_ATTRIBUTE_LIST_VAL_ID	NUMBER (18)	No	Unique identifier of the record.
DIMENSION_ATTRIBUTE_ID	NUMBER (18)	No	Dimension attribute, to which, this list belongs. Refers to DIMENSION_ATTRIBUTE_ID of SDM_DIMENSION_ATTRIBUTE table.
LIST_VALUE	VARCHAR2 (255)	No	Value of the list.
LIST_ORDER	NUMBER (4)	No	Indicates the order, in which, list should be displayed.
APP_ID	NUMBER (1)	No	Identifier for the application to which the row corresponds to. e.g. SDM:4.
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2 (255)	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.

Index Name	Type	Unique	Fields
SDM_DIM_ATTR_LSTVAL_PK	NORMAL	Yes	DIMENSION_ATTRIB_LIST_VAL_ID
SDM_DIM_ATTRIB_LST_U1_AID_LST	FUNCTION-BASED NORMAL	Yes	DIMENSION_ATTRIBUTE_ID, SYS_NC00012\$

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
SDM_DIM_ATTR_LSTVAL_ATTR_ID_FK	DIMENSION_ATTRIBUTE_ID	PS4FCM	SDM_DIMENSION_ATTRIBUTE

No External Foreign Keys

No Enabled Triggers

SDM_ENTITY

Stores all members of entity dimension. This table may be changed at runtime.

Primary Key(s): DYNAMIC_DATA_ID

Field	Type	Nulls?	Comments
DYNAMIC_DATA_ID	NUMBER (18)	No	Unique identifier of the record.
NAME	VARCHAR2 (80)	No	Name of the member.
DESCRIPTION	VARCHAR2 (255)	Yes	Description of the member.
APP_ID	NUMBER (1)	No	Identifier for the application to which the row corresponds to. e.g. SDM:4.
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2 (255)	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.

Index Name	Type	Unique	Fields
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Index Name	Type	Unique	Fields
SDM_ENTITY_PK	NORMAL	Yes	DYNAMIC_DATA_ID

No Check Constraints

No Internal Foreign Keys

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
SDM_FRM_DCU_ENTITY_ID_FK	PS4FCM	SDM_FORM_DCU	ENTITY_ID

No Enabled Triggers

SDM_FORM

Stores all form templates of the system.

Primary Key(s): FORM_ID

Field	Type	Nulls?	Comments
FORM_ID	NUMBER (18)	No	Unique identifier of the record.
NAME	VARCHAR2 (80)	No	Name of the form template.
SCENARIO_ID	NUMBER (18)	No	Scenario, to which, this form template belongs. Refers to DYNAMIC_DATA_ID of SDM_SCENARIO table.
DESCRIPTION	VARCHAR2 (1000)	Yes	Description of the form template.
FREQUENCY_ID	NUMBER (18)	Yes	Frequency, to which, this form template belongs. Refers to FREQUENCY_ID of SDM_FREQUENCY table.
SCHEDULE_OPTION	VARCHAR2 (80)	Yes	Indicates the data collection period date, from which, start date of the form should be calculated. e.g. End Date or Close Date
START_DAY_OFFSET	NUMBER (4)	Yes	Indicates the offset from End Date or Close Date to calculate start date of the form.
WORKFLOW_OPTION	VARCHAR2 (80)	Yes	Indicates the workflow option to be used for form. e.g. Prepare, Prepare->Approve, Prepare->Approve->Post, Prepare->Post, Post
APPROVAL_LEVEL	NUMBER (4)	Yes	Number of level of approvals, required for the form.
PREPARER_DURATION	NUMBER (4)	Yes	Number of days available to the preparer to work on the form.
APPROVER_DURATION	NUMBER (4)	Yes	Number of days available to each approver to work on the form.
INTEGRATOR_DURATION	NUMBER (4)	Yes	Number of days available to the integrator to work on the form.

Field	Type	Nulls?	Comments
MASTER_ID	NUMBER (18)	Yes	During deploy, copy record is created. This field is populated in copy record to point to the master record. Refers to primary key of this same table.
DCP_ID	NUMBER (18)	Yes	Data Collection Period, to which, this copy record belongs. Refers to DCP_ID of SDM_DATA_COLLECTION_PERIOD table.
APP_ID	NUMBER (1)	No	Identifier for the application to which the row corresponds to. e.g. SDM:4.
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2 (255)	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.

Index Name	Type	Unique	Fields
SDM_FORM_PK	NORMAL	Yes	FORM_ID
SDM_FORM_U1_NM_SNRIO_DCP	FUNCTION-BASED NORMAL	Yes	SYS_NC00022\$, SCENARIO_ID, DCP_ID, APP_ID
SDM_FORM_U2_MASTER_DCP	NORMAL	Yes	MASTER_ID, DCP_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
SDM_FORM_SCENARIO_ID_FK	SCENARIO_ID	PS4FCM	SDM_SCENARIO
SDM_FORM_FREQ_ID_FK	FREQUENCY_ID	PS4FCM	SDM_FREQUENCY
SDM_FORM_MASTER_ID_FK	MASTER_ID	PS4FCM	SDM_FORM
SDM_FORM_DCP_ID_FK	DCP_ID	PS4FCM	SDM_DATA_COLLECTION_PERIOD

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
SDM_FRM_ACES_FRM_ID_FK	PS4FCM	SDM_FORM_ACCESS	FORM_ID

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
SDM_FRM_DCU_FORM_ID_FK	PS4FCM	SDM_FORM_DCU	FORM_ID
SDM_FRM_DEPLOY_FRM_ID_FK	PS4FCM	SDM_FORM_DEPLOY	FORM_ID
SDM_FRM_INS_FRM_ID_FK	PS4FCM	SDM_FORM_INSTANCE	FORM_ID
SDM_FRM_QSTN_FRM_ID_FK	PS4FCM	SDM_FORM_QUESTION	FORM_ID
SDM_FRM_SECTION_FORM_ID_FK	PS4FCM	SDM_FORM_SECTION	FORM_ID

No Enabled Triggers

SDM_FORM_ACCESS

Stores all user information for data collection units of form template.

Primary Key(s): FORM_ACCESS_ID

Field	Type	Nulls?	Comments
FORM_ACCESS_ID	NUMBER (18)	No	Unique identifier of the record.
FORM_ID	NUMBER (18)	No	Form template, to which, this user belongs. Refers to FORM_ID of SDM_FORM table.
FORM_DCU_ID	NUMBER (18)	No	Data Collection Unit, to which, this user belongs. Refers to FORM_DCU_ID of SDM_FORM_DCU table.
USER_ID	VARCHAR2 (255)	No	Id of specific user.
ACCESS_TYPE	VARCHAR2 (30)	No	Indicates type of the user. e.g. Preparer, Approver, Integrator, Viewer
ACCESS_LEVEL	NUMBER (3)	Yes	Indicates the order, in which, user need to take action on the form. It starts with 0.
VIEW_OPTION	VARCHAR2 (40)	Yes	Indicates when viewer type of user can view the data. e.g. Always, After Submission, After Approval
MASTER_ID	NUMBER (18)	Yes	During deploy, copy record is created. This field is populated in copy record to point to the master record. Refers to primary key of this same table.
DCP_ID	NUMBER (18)	Yes	Data Collection Period, to which, this copy record belongs. Refers to DCP_ID of SDM_DATA_COLLECTION_PERIOD table.
APP_ID	NUMBER (1)	No	Identifier for the application to which the row corresponds to. e.g. SDM:4.
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.

Field	Type	Nulls?	Comments
LAST_UPDATE_LOGIN	VARCHAR2 (255)	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.

Index Name	Type	Unique	Fields
SDM_FRM_ACCESS_PK	NORMAL	Yes	FORM_ACCESS_ID
SDM_FRM_ACES_U1_MSTR_DCP	NORMAL	Yes	MASTER_ID, DCP_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
SDM_FRM_ACES_FRM_ID_FK	FORM_ID	PS4FCM	SDM_FORM
SDM_FRM_ACES_DCU_ID_FK	FORM_DCU_ID	PS4FCM	SDM_FORM_DCU
SDM_FRM_ACES_DCP_ID_FK	DCP_ID	PS4FCM	SDM_DATA_COLLECTION_PERIOD

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
SDM_FRMINS_ACES_FRM_ACES_FK	PS4FCM	SDM_FORM_INS_ACCESS	FORM_ACCESS_ID

No Enabled Triggers

SDM_FORM_COLUMN

Stores all attributes of section for detailed view.

Primary Key(s): FORM_COLUMN_ID

Field	Type	Nulls?	Comments
FORM_COLUMN_ID	NUMBER (18)	No	Unique identifier of the record.
FORM_SECTION_ID	NUMBER (18)	No	Section, to which, this attribute belongs. Refers to FORM_SECTION_ID of SDM_FORM_SECTION table.
DATA_SET_COLUMN_ID	NUMBER (18)	No	Indicates data set attribute, which is included in this section. Refers to DATA_SET_COLUMN_ID of SDM_DATA_SET_COLUMN table.

Field	Type	Nulls?	Comments
VIEW_ONLY	CHAR (1)	No	Indicates whether this attribute is view only or not. Value is Y or N. If value is Y then user cannot enter any data for this attribute.
COLUMN_ORDER	NUMBER (4)	No	Indicates the order, in which, attributes should be displayed.
MASTER_ID	NUMBER (18)	Yes	During deploy, copy record is created. This field is populated in copy record to point to the master record. Refers to primary key of this same table.
DCP_ID	NUMBER (18)	Yes	Data Collection Period, to which, this copy record belongs. Refers to DCP_ID of SDM_DATA_COLLECTION_PERIOD table.
APP_ID	NUMBER (1)	No	Identifier for the application to which the row corresponds to. e.g. SDM:4.
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2 (255)	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.

Index Name	Type	Unique	Fields
SDM_FORM_CLMN_U1_SCTN_DSCLMN	NORMAL	Yes	FORM_SECTION_ID, DATA_SET_COLUMN_ID
SDM_FORM_CLMN_U2_MSTR_DCP	NORMAL	Yes	MASTER_ID, DCP_ID
SDM_FORM_COLUMN_PK	NORMAL	Yes	FORM_COLUMN_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
SDM_FORM_COLUMN_SCTN_ID_FK	FORM_SECTION_ID	PS4FCM	SDM_FORM_SECTION
SDM_FORM_COLUMN_DS_CLMN_ID_FK	DATA_SET_COLUMN_ID	PS4FCM	SDM_DATA_SET_COLUMN
SDM_FORM_COLUMN_DCP_ID_FK	DCP_ID	PS4FCM	SDM_DATA_COLLECTION_PE

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
			RIOD

No External Foreign Keys

No Enabled Triggers

SDM_FORM_DCU

Stores all Data Collection Units of the form template.

Primary Key(s): FORM_DCU_ID

Field	Type	Nulls?	Comments
FORM_DCU_ID	NUMBER (18)	No	Unique identifier of the record.
FORM_ID	NUMBER (18)	No	Form template, to which, this Data Collection Unit belongs. Refers to FORM_ID of SDM_FORM table.
ENTITY_ID	NUMBER (18)	No	Entity information of this Data Collection Unit. Refers to DYNAMIC_DATA_ID of SDM_ENTITY table.
MASTER_ID	NUMBER (18)	Yes	During deploy, copy record is created. This field is populated in copy record to point to the master record. Refers to primary key of this same table.
DCP_ID	NUMBER (18)	Yes	Data Collection Period, to which, this copy record belongs. Refers to DCP_ID of SDM_DATA_COLLECTION_PERIOD table.
APP_ID	NUMBER (1)	No	Identifier for the application to which the row corresponds to. e.g. SDM:4.
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2 (255)	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.

Index Name	Type	Unique	Fields
SDM_FRM_DCU_PK	NORMAL	Yes	FORM_DCU_ID
SDM_FRM_DCU_U1_FRMID_ENTIT Y	NORMAL	Yes	FORM_ID, ENTITY_ID
SDM_FRM_DCU_U2_MSTR_DCP	NORMAL	Yes	MASTER_ID, DCP_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
SDM_FRM_DCU_FORM_ID_FK	FORM_ID	PS4FCM	SDM_FORM
SDM_FRM_DCU_ENTITY_ID_FK	ENTITY_ID	PS4FCM	SDM_ENTITY
SDM_FRM_DCU_DCP_ID_FK	DCP_ID	PS4FCM	SDM_DATA_COLLECTION_PE RIOD

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
SDM_FRM_ACES_DCU_ID_FK	PS4FCM	SDM_FORM_ACCESS	FORM_DCU_ID
SDM_FRM_INS_FRMDCU_ID_FK	PS4FCM	SDM_FORM_INSTANCE	FORM_DCU_ID

No Enabled Triggers

SDM_FORM_DEPLOY

Stores detail of form template deployment to Data Collection Period.

Primary Key(s): FORM_DEPLOY_ID

Field	Type	Nulls?	Comments
FORM_DEPLOY_ID	NUMBER (18)	No	Unique identifier of the record.
FORM_ID	NUMBER (18)	No	Form template, which is deployed. Refers to FORM_ID of SDM_FORM table.
DCP_ID	NUMBER (18)	No	Data Collection Period, to which, form template is deployed. Refers to DCP_ID of SDM_DATA_COLLECTION_PERIOD table.
DEPLOY_STATUS	VARCHAR2 (30)	No	Status of deployment. e.g. Deployed, ReDeployed
APP_ID	NUMBER (1)	No	Identifier for the application to which the row corresponds to. e.g. SDM:4.
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.

Field	Type	Nulls?	Comments
LAST_UPDATE_LOGIN	VARCHAR2 (255)	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.

Index Name	Type	Unique	Fields
SDM_FORM_DEPLOY_PK	NORMAL	Yes	FORM_DEPLOY_ID
SDM_FRM_DPLY_U1_FRM_DCP	NORMAL	Yes	FORM_ID, DCP_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
SDM_FRM_DEPLOY_FRM_ID_FK	FORM_ID	PS4FCM	SDM_FORM
SDM_FRM_DEPLOY_DCP_ID_FK	DCP_ID	PS4FCM	SDM_DATA_COLLECTION_PERIOD

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
SDM_FRM_INS_DEPLOY_ID_FK	PS4FCM	SDM_FORM_INSTANCE	FORM_DEPLOY_ID

No Enabled Triggers

SDM_FORM_GROUP_BY

Stores all attributes of section for summary view.

Primary Key(s): FORM_GROUPBY_ID

Field	Type	Nulls?	Comments
FORM_GROUPBY_ID	NUMBER (18)	No	Unique identifier of the record.
FORM_SECTION_ID	NUMBER (18)	No	Section, to which, this attribute belongs. Refers to FORM_SECTION_ID of SDM_FORM_SECTION table.
DATA_SET_COLUMN_ID	NUMBER (18)	No	Indicates data set attribute, which is included in this section. Refers to DATA_SET_COLUMN_ID of SDM_DATA_SET_COLUMN table.
GROUP_BY	CHAR (1)	No	Indicates whether grouping should be done on this attribute or not. Value is Y or N.

Field	Type	Nulls?	Comments
COLUMN_ORDER	NUMBER (4)	No	Indicates the order, in which, attributes should be displayed.
MASTER_ID	NUMBER (18)	Yes	During deploy, copy record is created. This field is populated in copy record to point to the master record. Refers to primary key of this same table.
DCP_ID	NUMBER (18)	Yes	Data Collection Period, to which, this copy record belongs. Refers to DCP_ID of SDM_DATA_COLLECTION_PERIOD table.
APP_ID	NUMBER (1)	No	Identifier for the application to which the row corresponds to. e.g. SDM:4.
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2 (255)	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.

Index Name	Type	Unique	Fields
SDM_FORM_GROUPBY_PK	NORMAL	Yes	FORM_GROUPBY_ID
SDM_FORM_GB_U1_SCTN_DSCLMN	NORMAL	Yes	FORM_SECTION_ID, DATA_SET_COLUMN_ID
SDM_FORM_GB_U2_MSTR_DCP	NORMAL	Yes	MASTER_ID, DCP_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
SDM_FORM_GROUPBY_SCTN_ID_FK	FORM_SECTION_ID	PS4FCM	SDM_FORM_SECTION
SDM_FORM_GROUPBY_DS_CLMN_ID_FK	DATA_SET_COLUMN_ID	PS4FCM	SDM_DATA_SET_COLUMN
SDM_FORM_GROUPBY_DCP_ID_FK	DCP_ID	PS4FCM	SDM_DATA_COLLECTION_PERIOD

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
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Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
SDM_FRM_MPING_GB_ID_FK	PS4FCM	SDM_FORM_MAPPING	FORM_GROUPBY_ID

No Enabled Triggers

SDM_FORM_INSTANCE

Stores all forms of the system.

Primary Key(s): FORM_INSTANCE_ID

Field	Type	Nulls?	Comments
FORM_INSTANCE_ID	NUMBER (18)	No	Unique identifier of the record.
FORM_DEPLOY_ID	NUMBER (18)	No	Deployment, to which, this form belongs. Refers to FORM_DEPLOY_ID of SDM_FORM_DEPLOY table.
DCP_ID	NUMBER (18)	No	Data Collection Period, to which, this form belongs. Refers to DCP_ID of SDM_DATA_COLLECTION_PERIOD table.
FORM_DCU_ID	NUMBER (18)	No	Data Collection Unit, to which, this form belongs. Refers to FORM_DCU_ID of SDM_FORM_DCU table.
FORM_ID	NUMBER (18)	No	Copy of Form template, to which, this form belongs. Refers to FORM_ID of SDM_FORM table.
START_DATE	DATE	No	Start date of the form.
CALC_END_DATE	DATE	No	Calculated end date of the form.
FORM_INS_STATUS	NUMBER (3)	No	Status of the form. e.g. 32 - Pending, 6 - Open with Preparer, 10 - Open with Approver, 18 - Open with Integrator, 1 - Closed
ACTUAL_END_DATE	DATE	Yes	Actual end date of the form.
RESPONSIBILITY_LEVEL	NUMBER (3)	Yes	Indicates the user level, who is currently responsible to take action on the form.
EVER_BEEN_LATE	CHAR (1)	Yes	Indicates whether at least one of the user was late or not. Value is Y or N.
EMAIL_SENT	CHAR (1)	Yes	Indicates whether email is sent to the user or not. Value is Y or N.
EMAIL_SENT_DATE	DATE	Yes	Indicates the date, on which, email is sent to the user.
APP_ID	NUMBER (1)	No	Identifier for the application to which the row corresponds to. e.g. SDM:4.

Field	Type	Nulls?	Comments
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2 (255)	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.

Index Name	Type	Unique	Fields
SDM_FRM_INS_PK	NORMAL	Yes	FORM_INSTANCE_ID
SDM_FRM_INS_U1_DCP_DCU	NORMAL	Yes	DCP_ID, FORM_DCU_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
SDM_FRM_INS_DEPLOY_ID_FK	FORM_DEPLOY_ID	PS4FCM	SDM_FORM_DEPLOY
SDM_FRM_INS_DCP_ID_FK	DCP_ID	PS4FCM	SDM_DATA_COLLECTION_PERIOD
SDM_FRM_INS_FRMDCU_ID_FK	FORM_DCU_ID	PS4FCM	SDM_FORM_DCU
SDM_FRM_INS_FRM_ID_FK	FORM_ID	PS4FCM	SDM_FORM

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
SDM_FRMINS_ACES_FRM_INS_FK	PS4FCM	SDM_FORM_INS_ACCESS	FORM_INSTANCE_ID
SDM_FRM_INS_ASWR_FRM_INS_FK	PS4FCM	SDM_FORM_INS_ANSWER	FORM_INSTANCE_ID
SDM_FRM_INS_POST_FRM_INS_FK	PS4FCM	SDM_FORM_INS_POST	FORM_INSTANCE_ID

No Enabled Triggers

SDM_FORM_INS_ACCESS

Stores preparer, approver and integrator details of the form.

Primary Key(s): FORM_INS_ACCESS_ID

Field	Type	Default	Nulls?	Comments
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Field	Type	Default	Nulls?	Comments
FORM_INS_ACCESS_ID	NUMBER (18)		No	Unique identifier of the record.
FORM_INSTANCE_ID	NUMBER (18)		No	Form, to which, this information belongs. Refers to FORM_INSTANCE_ID of SDM_FORM_INSTANCE table.
FORM_ACCESS_ID	NUMBER (18)		No	Refers to user details of the associated form template. Refers to FORM_ACCESS_ID of SDM_FORM_ACCESS table.
USER_ID	VARCHAR2 (255)		No	Id of specific user.
ACCESS_TYPE	VARCHAR2 (30)		No	Indicates type of the user. e.g. Preparer, Approver, Integrator
ACCESS_LEVEL	NUMBER (3)		No	Indicates the order, in which, user need to take action on the form. It starts with 0.
COMPLETION_STATUS	VARCHAR2 (20)		No	Status of the assigned work for the user. e.g. Pending, In Progress, Completed
DUE_DATE	DATE		No	Date, by which, user need to complete the work.
COMPLETION_DATE	DATE		Yes	Date, on which, user completed the work.
COMPLETED_FROM	VARCHAR2 (20)		Yes	Indicates whether user completed the work from Web or SmartView.
REJECTION_COUNT	NUMBER (3)	0	Yes	Indicates total number of rejections by this user.
EVER_BEEN_LATE	CHAR (1)		Yes	Indicates whether user completed the work late or not. Value is Y or N.
APP_ID	NUMBER (1)		No	Identifier for the application to which the row corresponds to. e.g. SDM:4.
OBJECT_VERSION_NUMBER	NUMBER (9)		No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2 (255)		Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2 (255)		No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE		No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2 (255)		No	Who column: indicates the user who created the row.
CREATION_DATE	DATE		No	Who column: indicates the date and time of the creation of the row.

Index Name	Type	Unique	Fields
SDM_FRMINS_ACES_PK	NORMAL	Yes	FORM_INS_ACCESS_ID
SDM_FRMINS_ACES_U1_INSACES	NORMAL	Yes	FORM_INSTANCE_ID, FORM_ACCESS_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
SDM_FRMINS_ACES_FRM_INS_FK	FORM_INSTANCE_ID	PS4FCM	SDM_FORM_INSTANCE
SDM_FRMINS_ACES_FRM_ACES_FK	FORM_ACCESS_ID	PS4FCM	SDM_FORM_ACCESS

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
SDM_FRM_INS_POST_ACESID_FK	PS4FCM	SDM_FORM_INS_POST	FORM_INS_ACCESS_ID

No Enabled Triggers

SDM_FORM_INS_ANSWER

Stores all answers related to the form.

Primary Key(s): FORM_INS_ANSWER_ID

Field	Type	Nulls?	Comments
FORM_INS_ANSWER_ID	NUMBER (18)	No	Unique identifier of the record.
FORM_INSTANCE_ID	NUMBER (18)	No	Form, to which, this answer belongs. Refers to FORM_INSTANCE_ID of SDM_FORM_INSTANCE table.
FORM_QUESTION_ID	NUMBER (18)	No	Question, for which, this answer is given by the user. Refers to FORM_QUESTION_ID of SDM_FORM_QUESTION table.
ACCESS_LEVEL	NUMBER (2)	Yes	Indicates approver level of the user, who answered the question.
ANSWERED_BY_ID	VARCHAR2 (255)	Yes	Specific user Id, who answered the question.
ANSWERED_ON	DATE	Yes	Date, on which, user answered the question.
VALUE_TEXT	VARCHAR2 (255)	Yes	Answer given by the user when data type is Text, Yes/No, True/False.
VALUE_DATE	DATE	Yes	Answer given by the user when data type is Date, Date/Time.
VALUE_NUMBER	NUMBER (29, 12)	Yes	Answer given by the user when data type is Number, Integer.

Field	Type	Nulls?	Comments
VALUE_CHOICE_LIST_ID	NUMBER (18)	Yes	Answer given by the user when data type is List. Refers to QSTN_LIST_VAL_ID of SDM_FORM_QUESTION_LIST_VAL table.
ANSWERED_FROM	VARCHAR2 (20)	Yes	Indicates whether user answered the question from Web or SmartView.
APP_ID	NUMBER (1)	No	Identifier for the application to which the row corresponds to. e.g. SDM:4.
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2 (255)	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.

Index Name	Type	Unique	Fields
SDM_FRM_INS_ANSWER_PK	NORMAL	Yes	FORM_INS_ANSWER_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
SDM_FRM_INS_ASWR_FRM_INS_FK	FORM_INSTANCE_ID	PS4FCM	SDM_FORM_INSTANCE
SDM_FRM_INS_ASWR_QSTNID_FK	FORM_QUESTION_ID	PS4FCM	SDM_FORM_QUESTION
SDM_FRM_INS_ASWR_LSTID_FK	VALUE_CHOICE_LIST_ID	PS4FCM	SDM_FORM_QUESTION_LIST_VAL

No External Foreign Keys

No Enabled Triggers

SDM_FORM_INS_POST

Stores detail of data posting to other systems.

Primary Key(s): FORM_INS_POST_ID

Field	Type	Nulls?	Comments
FORM_INS_POST_ID	NUMBER (18)	No	Unique identifier of the record.
FORM_INSTANCE_ID	NUMBER (18)	No	Form, to which, this information belongs. Refers to FORM_INSTANCE_ID of SDM_FORM_INSTANCE table.
FORM_MAPPING_ID	NUMBER (18)	No	Mapping, for which, this post is done. Refers to FORM_MAPPING_ID of SDM_FORM_MAPPING table.
FORM_INS_ACCESS_ID	NUMBER (18)	No	Points to the user, who posted the data. Refers to FORM_INS_ACCESS_ID of SDM_FORM_INS_ACCESS table.
POSTED_POV	CLOB	No	POV, for which, data is posted.
POSTED_VALUE	NUMBER (29, 12)	No	Value, which is posted.
POSTING_STATUS	VARCHAR2 (40)	No	Status of the post. e.g. Posted, Failed, Unposted
ERROR_DETAILS	VARCHAR2 (100)	Yes	Error reported by the target system.
APP_ID	NUMBER (1)	No	Identifier for the application to which the row corresponds to. e.g. SDM:4.
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2 (255)	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.

Index Name	Type	Unique	Fields
SDM_FRM_INS_POST_PK	NORMAL	Yes	FORM_INS_POST_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
SDM_FRM_INS_POST_FRM_INS_FK	FORM_INSTANCE_ID	PS4FCM	SDM_FORM_INSTANCE
SDM_FRM_INS_POST_MPINGID_FK	FORM_MAPPING_ID	PS4FCM	SDM_FORM_MAPPING
SDM_FRM_INS_POST_ACESID_FK	FORM_INS_ACCESS_ID	PS4FCM	SDM_FORM_INS_ACCESS

No External Foreign Keys

No Enabled Triggers

SDM_FORM_MAPPING

Stores all mappings of section to post data to another system.

Primary Key(s): FORM_MAPPING_ID

Field	Type	Nulls?	Comments
FORM_MAPPING_ID	NUMBER (18)	No	Unique identifier of the record.
FORM_SECTION_ID	NUMBER (18)	No	Section, to which, this mapping belongs. Refers to FORM_SECTION_ID of SDM_FORM_SECTION table.
FORM_GROUPBY_ID	NUMBER (18)	No	Indicates Group By attribute, with which, this mapping is associated. Refers to FORM_GROUPBY_ID of SDM_FORM_GROUP_BY table.
CONNECTION_ID	NUMBER (18)	No	Indicates connection details to another system. Refers to CONNECTION_ID of SDM_CONNECTION table.
ON_TOTAL	CHAR (1)	No	Indicates whether mapping is done for total or not. Value is Y or N.
TARGET_POV	CLOB	No	Indicates POV of target system to post the data.
MASTER_ID	NUMBER (18)	Yes	During deploy, copy record is created. This field is populated in copy record to point to the master record. Refers to primary key of this same table.
DCP_ID	NUMBER (18)	Yes	Data Collection Period, to which, this copy record belongs. Refers to DCP_ID of SDM_DATA_COLLECTION_PERIOD table.
APP_ID	NUMBER (1)	No	Identifier for the application to which the row corresponds to. e.g. SDM:4.
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2 (255)	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.

Field	Type	Nulls?	Comments
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.

Index Name	Type	Unique	Fields
SDM_FRM_MPING_PK	NORMAL	Yes	FORM_MAPPING_ID
SDM_FRM_MAP_U1_SCTN_GB_TOTAL	NORMAL	Yes	FORM_SECTION_ID, FORM_GROUPBY_ID, ON_TOTAL
SDM_FRM_MAP_U2_MSTR_DCP	NORMAL	Yes	MASTER_ID, DCP_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
SDM_FRM_MPING_SCTN_ID_FK	FORM_SECTION_ID	PS4FCM	SDM_FORM_SECTION
SDM_FRM_MPING_GB_ID_FK	FORM_GROUPBY_ID	PS4FCM	SDM_FORM_GROUP_BY
SDM_FRM_MPING_CONN_ID_FK	CONNECTION_ID	PS4FCM	SDM_CONNECTION
SDM_FRM_MPING_DCP_ID_FK	DCP_ID	PS4FCM	SDM_DATA_COLLECTION_PERIOD

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
SDM_FRM_INS_POST_MPINGID_FK	PS4FCM	SDM_FORM_INS_POST	FORM_MAPPING_ID

No Enabled Triggers

SDM_FORM_QUESTION

Stores all questions of form template, which need to be answered by the users.

Primary Key(s): FORM_QUESTION_ID

Field	Type	Nulls?	Comments
FORM_QUESTION_ID	NUMBER (18)	No	Unique identifier of the record.
FORM_ID	NUMBER (18)	No	Form template, to which, this question belongs. Refers to FORM_ID of SDM_FORM table.
QUESTION_TEXT	VARCHAR2 (2000)	No	Text of the question.
DATA_TYPE	VARCHAR2 (20)	No	Indicates the data type, in which, answer should be given. e.g. Date, Date/Time, List, Integer, Number, Text, Yes/No, True/False
QUESTION_ACTION	VARCHAR2 (40)	No	Indicates the user type, who need to answer this question. e.g. Preparer, Approver, Integrator

Field	Type	Nulls?	Comments
IS_REQUIRED	CHAR (1)	No	Indicates whether question is mandatory or not. Value is Y or N.
MASTER_ID	NUMBER (18)	Yes	During deploy, copy record is created. This field is populated in copy record to point to the master record. Refers to primary key of this same table.
DCP_ID	NUMBER (18)	Yes	Data Collection Period, to which, this copy record belongs. Refers to DCP_ID of SDM_DATA_COLLECTION_PERIOD table.
APP_ID	NUMBER (1)	No	Identifier for the application to which the row corresponds to. e.g. SDM:4.
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2 (255)	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.

Index Name	Type	Unique	Fields
SDM_FRM_QSTN_U1_MSTR_DCP	NORMAL	Yes	MASTER_ID, DCP_ID
SDM_FRM_QSTN_PK	NORMAL	Yes	FORM_QUESTION_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
SDM_FRM_QSTN_FRM_ID_FK	FORM_ID	PS4FCM	SDM_FORM
SDM_FRM_QSTN_DCP_ID_FK	DCP_ID	PS4FCM	SDM_DATA_COLLECTION_PERIOD

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
SDM_FRM_INS_ASWR_QSTNID_FK	PS4FCM	SDM_FORM_INS_ANSWER	FORM_QUESTION_ID
SDM_QSTN_LSTVAL_QSTN_ID_FK	PS4FCM	SDM_FORM_QUESTION_LIST_VAL	FORM_QUESTION_ID

No Enabled Triggers

SDM_FORM_QUESTION_LIST_VAL

Stores all list values of form template question.

Primary Key(s): QSTN_LIST_VAL_ID

Field	Type	Nulls?	Comments
QSTN_LIST_VAL_ID	NUMBER (18)	No	Unique identifier of the record.
FORM_QUESTION_ID	NUMBER (18)	No	Question, to which, this list belongs. Refers to FORM_QUESTION_ID of SDM_FORM_QUESTION table.
LIST_VALUE	VARCHAR2 (255)	No	Value of the list.
LIST_ORDER	NUMBER (4)	No	Indicates the order, in which, list should be displayed.
MASTER_ID	NUMBER (18)	Yes	During deploy, copy record is created. This field is populated in copy record to point to the master record. Refers to primary key of this same table.
DCP_ID	NUMBER (18)	Yes	Data Collection Period, to which, this copy record belongs. Refers to DCP_ID of SDM_DATA_COLLECTION_PERIOD table.
APP_ID	NUMBER (1)	No	Identifier for the application to which the row corresponds to. e.g. SDM:4.
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2 (255)	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.

Index Name	Type	Unique	Fields
SDM_QSTN_LSTVAL_PK	NORMAL	Yes	QSTN_LIST_VAL_ID
SDM_QSTN_LST_U1_QSTN_LST_VAL	FUNCTION-BASED NORMAL	Yes	FORM_QUESTION_ID, SYS_NC00014\$

Index Name	Type	Unique	Fields
SDM_QSTN_LST_U2_MSTR_DCP	NORMAL	Yes	MASTER_ID, DCP_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
SDM_QSTN_LSTVAL_QSTN_ID_FK	FORM_QUESTION_ID	PS4FCM	SDM_FORM_QUESTION
SDM_QSTN_LSTVAL_DCP_ID_FK	DCP_ID	PS4FCM	SDM_DATA_COLLECTION_PERIOD

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
SDM_FRM_INS_ASWR_LSTID_FK	PS4FCM	SDM_FORM_INS_ANSWER	VALUE_CHOICE_LIST_ID

No Enabled Triggers

SDM_FORM_SECTION

Stores all sections of form templates.

Primary Key(s): FORM_SECTION_ID

Field	Type	Nulls?	Comments
FORM_SECTION_ID	NUMBER (18)	No	Unique identifier of the record.
FORM_ID	NUMBER (18)	No	Form template, to which, this section belongs. Refers to FORM_ID of SDM_FORM table.
DATA_SET_ID	NUMBER (18)	No	Data Set, to which, this section belongs. Refers to DATA_SET_ID of SDM_DATA_SET table.
NAME	VARCHAR2 (80)	No	Name of the section.
DISPLAY_OPTION	VARCHAR2 (15)	No	Indicates whether data record in the form should be displayed as row or column.
SECTION_ORDER	NUMBER (4)	No	Indicates the order, in which, sections should be displayed.
COLUMN_TOTAL_ROW_POS	VARCHAR2 (40)	No	Indicates position of total row in form data entry e.g. Top, Bottom, None
GROUPBY_TOTAL_ROW_POS	VARCHAR2 (40)	No	Indicates position of total row in form summary e.g. Top, Bottom, None
MASTER_ID	NUMBER (18)	Yes	During deploy, copy record is created. This field is populated in copy record to point to the master record. Refers to primary key of this same table.
DCP_ID	NUMBER (18)	Yes	Data Collection Period, to which, this copy record belongs. Refers to DCP_ID of SDM_DATA_COLLECTION_PERIOD table.

Field	Type	Nulls?	Comments
APP_ID	NUMBER (1)	No	Identifier for the application to which the row corresponds to. e.g. SDM:4.
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2 (255)	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.

Index Name	Type	Unique	Fields
SDM_FRM_SECTION_PK	NORMAL	Yes	FORM_SECTION_ID
SDM_FRM_SCTN_U1_FRM_NM	FUNCTION-BASED NORMAL	Yes	FORM_ID, SYS_NC00018\$
SDM_FRM_SCTN_U2_MSTR_DCP	NORMAL	Yes	MASTER_ID, DCP_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
SDM_FRM_SECTION_FORM_ID_FK	FORM_ID	PS4FCM	SDM_FORM
SDM_FRM_SECTION_DS_ID_FK	DATA_SET_ID	PS4FCM	SDM_DATA_SET
SDM_FRM_SECTION_DCP_ID_FK	DCP_ID	PS4FCM	SDM_DATA_COLLECTION_PERIOD

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
SDM_FORM_COLUMN_SCTN_ID_FK	PS4FCM	SDM_FORM_COLUMN	FORM_SECTION_ID
SDM_FORM_GROUPBY_SCTN_ID_FK	PS4FCM	SDM_FORM_GROUP_BY	FORM_SECTION_ID
SDM_FRM_MPING_SCTN_ID_FK	PS4FCM	SDM_FORM_MAPPING	FORM_SECTION_ID

No Enabled Triggers

SDM_FREQUENCY

Stores all frequencies of the system.

Primary Key(s): FREQUENCY_ID

Field	Type	Nulls?	Comments
FREQUENCY_ID	NUMBER (18)	No	Unique identifier of the record.
NAME	VARCHAR2 (80)	No	Name of the frequency.
DESCRIPTION	VARCHAR2 (255)	Yes	Description of the frequency.
FREQUENCY_ORDER	NUMBER (4)	Yes	Indicates the order, in which, frequencies should be displayed.
APP_ID	NUMBER (1)	No	Identifier for the application to which the row corresponds to. e.g. SDM:4.
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2 (255)	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.

Index Name	Type	Unique	Fields
SDM_FREQUENCY_PK	NORMAL	Yes	FREQUENCY_ID
SDM_FREQUENCY_U1_NAME	FUNCTION-BASED NORMAL	Yes	SYS_NC00012\$, APP_ID

No Check Constraints

No Internal Foreign Keys

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
SDM_FORM_FREQ_ID_FK	PS4FCM	SDM_FORM	FREQUENCY_ID
SDM_PERIOD_FREQUENCY_ID_FK	PS4FCM	SDM_PERIOD	FREQUENCY_ID

No Enabled Triggers

SDM_HISTORY

Stores history for different objects of SDM e.g. Data Set, Form Template.

Primary Key(s): HISTORY_FIELD_ID

Field	Type	Nulls?	Comments
HISTORY_FIELD_ID	NUMBER (18)	No	Unique identifier of the record.
OBJECT_ID	NUMBER (18)	No	Refers to the object, for which, history is created. Some examples are: 1. SDM_DATA_SET.DATA_SET_ID: for Data Set 2. SDM_FORM.FORM_ID: for Form Template
SUPPORTING_OBJECT_ID	NUMBER (18)	Yes	An ID to the supporting object related to this entry. For instance, Data Set attribute id
SUPPORTING_OBJECT	VARCHAR2 (255)	Yes	A general use field in case the other fields are not enough to store the history
FIELD_ID	VARCHAR2 (100)	No	The field ID which states what field (such as Data Set name, description etc.) changed. Refer to HistoryField.java for the full enumeration
CHANGE_TYPE_ID	NUMBER (9)	No	The ID of the change type, such as Added, Removed, Modified, etc.
OLD_VALUE	VARCHAR2 (2000)	Yes	The prior value of the field
NEW_VALUE	VARCHAR2 (2000)	Yes	The new value of the field
CHANGED_BY	VARCHAR2 (255)	No	The person who made the modification
CHANGED_ON	TIMESTAMP(6)	No	The date of the modification
APP_ID	NUMBER (1)	No	Identifier for the application to which the row corresponds to. e.g. SDM:4.
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2 (255)	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.

Index Name	Type	Unique	Fields
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Index Name	Type	Unique	Fields
SDM_HISTORY_PK	NORMAL	Yes	HISTORY_FIELD_ID
SDM_HISTORY_N1_OBJ_ID	NORMAL	No	OBJECT_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

SDM_INSTRUCTION

Stores instructions for different objects of SDM e.g. Form Template.

Primary Key(s): INSTRUCTION_ID

Field	Type	Nulls?	Comments
INSTRUCTION_ID	NUMBER (18)	No	Unique identifier of the record.
INSTRUCTION_OWNER_ID	NUMBER (18)	No	Refers to the object, for which, instruction is created. It can be any one of the following: 1. SDM_FORM.FORM_ID: for Form Template
INSTRUCTION_TEXT	CLOB	Yes	Text of the instruction.
APP_ID	NUMBER (1)	No	Identifier for the application to which the row corresponds to. e.g. SDM:4.
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2 (255)	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.

Index Name	Type	Unique	Fields
SDM_INSTRUCTION_PK	NORMAL	Yes	INSTRUCTION_ID
SDM_INSTRUCTION_U1_ONR_ID	NORMAL	Yes	INSTRUCTION_OWNER_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

SDM_INTEGRATION

Stores integration profiles which allows import of dimensions from other products e.g. HFM.

Primary Key(s): INTEGRATION_ID

Field	Type	Nulls?	Comments
INTEGRATION_ID	NUMBER (18)	No	Unique identifier of the record.
NAME	VARCHAR2 (80)	No	Name of the integration as entered by the user
IMPORT_PERIOD_SETTING	CHAR (1)	No	Indicates import option for frequencies, years and periods. Value is Y or N.
IMPORT_CURRENCY	CHAR (1)	No	Indicates import option for Currencies. Value is Y or N.
DESCRIPTION	VARCHAR2 (1000)	Yes	Description as entered by the user
CONNECTION_ID	NUMBER (18)	Yes	Connection, which should be used to import the data. Refers to CONNECTION_ID of SDM_CONNECTION table.
IMPORT_SOURCE	VARCHAR2 (20)	Yes	Indicates the source, from where, import is done. e.g. HFM.
APP_ID	NUMBER (1)	No	Identifier for the application to which the row corresponds to. e.g. SDM:4.
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2 (255)	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.

Index Name	Type	Unique	Fields
SDM_INTEGRATION_U1_NAME	FUNCTION-BASED NORMAL	Yes	SYS_NC00015\$, APP_ID
SDM_INTEGRATION_PK	NORMAL	Yes	INTEGRATION_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
SDM_ITGRTN_CNECTN_ID_FK	CONNECTION_ID	PS4FCM	SDM_CONNECTION

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
SDM_ITGRTN_DIM_ITGRTN_ID_FK	PS4FCM	SDM_INTEGRATION_DIM	INTEGRATION_ID

No Enabled Triggers

SDM_INTEGRATION_DIM

Stores details of dimensions for integration profile.

Primary Key(s): INTEGRATION_DIM_ID

Field	Type	Nulls?	Comments
INTEGRATION_DIM_ID	NUMBER (18)	No	Unique identifier of the record.
INTEGRATION_ID	NUMBER (18)	No	Integration profile, to which, this record belongs. Refers to INTEGRATION_ID of SDM_INTEGRATION table.
SOURCE_DIM_NAME	VARCHAR2 (80)	No	Dimension name on source side e.g. HFM
TARGET_DIM_NAME	VARCHAR2 (80)	No	Dimension name on SDM side.
APP_ID	NUMBER (1)	No	Identifier for the application to which the row corresponds to. e.g. SDM:4.
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2 (255)	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.

Field	Type	Nulls?	Comments
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.

Index Name	Type	Unique	Fields
SDM_ITGRTN_DIM_PK	NORMAL	Yes	INTEGRATION_DIM_ID
SDM_ITGRTN_DIM_U1_DIM_NM	FUNCTION-BASED NORMAL	Yes	INTEGRATION_ID, SYS_NC00012\$

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
SDM_ITGRTN_DIM_ITGRTN_ID_FK	INTEGRATION_ID	PS4FCM	SDM_INTEGRATION

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
SDM_ITGRTN_DIM_ATR_DIM_ID_FK	PS4FCM	SDM_INTEGRATION_DIM_ATTRIB	INTEGRATION_DIM_ID

No Enabled Triggers

SDM_INTEGRATION_DIM_ATTRIB

Stores details of attributes for each dimension of integration profile.

Primary Key(s): ITGRTN_DIM_ATTRIB_ID

Field	Type	Nulls?	Comments
ITGRTN_DIM_ATTRIB_ID	NUMBER (18)	No	Unique identifier of the record.
INTEGRATION_DIM_ID	NUMBER (18)	No	Specific dimension of Integration profile, to which, this record belongs. Refers to INTEGRATION_DIM_ID of SDM_INTEGRATION_DIM table.
SOURCE_ATTRIB_NAME	VARCHAR2 (80)	No	Attribute name on source side e.g. HFM
TARGET_ATTRIB_NAME	VARCHAR2 (80)	No	Attribute name on SDM side.
TARGET_DATATYPE	VARCHAR2 (20)	No	Data type of attribute on SDM side. e.g. Date, Date/Time, List, Integer, Number, Text, Yes/No, True/False.
TARGET_IS_KEY	CHAR (1)	No	Indicates whether attribute is a key or not on SDM side. Value is Y or N.
APP_ID	NUMBER (1)	No	Identifier for the application to which the row corresponds to. e.g. SDM:4.

Field	Type	Nulls?	Comments
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2 (255)	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.

Index Name	Type	Unique	Fields
SDM_ITGRTN_DIM_ATR_PK	NORMAL	Yes	ITGRTN_DIM_ATTRIB_ID
SDM_ITGRTN_ATR_U1_DIM_TGT_A TR	FUNCTION- BASED NORMAL	Yes	INTEGRATION_DIM_ID, SYS_NC00014\$

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
SDM_ITGRTN_DIM_ATR_DIM_ID_FK	INTEGRATION_DIM_ID	PS4FCM	SDM_INTEGRATION_DIM

No External Foreign Keys

No Enabled Triggers

SDM_PERIOD

Stores all supported period of the system.

Primary Key(s): PERIOD_ID

Field	Type	Nulls?	Comments
PERIOD_ID	NUMBER (18)	No	Unique identifier of the record.
NAME	VARCHAR2 (20)	No	Name of the period.
FREQUENCY_ID	NUMBER (18)	No	Indicates frequency of this period. Refers to FREQUENCY_ID of SDM_FREQUENCY table.
PERIOD_ORDER	NUMBER (4)	No	Indicates the order, in which, periods should be displayed.

Field	Type	Nulls?	Comments
DESCRIPTION	VARCHAR2 (255)	Yes	Description of the period.
APP_ID	NUMBER (1)	No	Identifier for the application to which the row corresponds to. e.g. SDM:4.
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2 (255)	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.

Index Name	Type	Unique	Fields
SDM_PERIOD_U1_NAME	FUNCTION-BASED NORMAL	Yes	SYS_NC00013\$, APP_ID
SDM_PERIOD_PK	NORMAL	Yes	PERIOD_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
SDM_PERIOD_FREQUENCY_ID_FK	FREQUENCY_ID	PS4FCM	SDM_FREQUENCY

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
SDM_DCP_PERIOD_ID_FK	PS4FCM	SDM_DATA_COLLECTION_PERIOD	PERIOD_ID

No Enabled Triggers

SDM_PORTLETS

Stores definitions of dashboard portlets.

Primary Key(s): ID, USER_ID, APP_ID

Field	Type	Nulls?	Comments
ID	VARCHAR2 (5)	No	Unique identifier for portlet for user.

Field	Type	Nulls?	Comments
USER_ID	VARCHAR2 (255)	No	Portlet owner identity.
APP_ID	NUMBER (1)	No	Identifier for the application to which the row corresponds to. e.g. SDM:4.
SEQUENCE	NUMBER (2)	Yes	Order of portlet in user interface.
STATE	NUMBER (1)	Yes	State of portlet: 0 normalized, 1 maximized, 2 minimized.
TYPE	NUMBER (1)	Yes	Portlet type: 0 My Worklist, 1 Status Chart, 2 Data Set, 3 Workflow.
DEFINITION	CLOB	Yes	XML description of portlet state, filter settings, column ordering, etc.
PORTLET_NAME	VARCHAR2 (192)	Yes	Name of the portlet. e.g. My Worklist, Status Chart, Data Set, Workflow
FILTER_ID	NUMBER (18)	Yes	
SAVED_FILTER_ID	NUMBER (18)	Yes	
LAST_UPDATE_DATE	DATE	Yes	Who column: indicates the date and time of the last update of the row.

Index Name	Type	Unique	Fields
SDM_PORTLETS_PK	NORMAL	Yes	ID, USER_ID, APP_ID
SDM_PORTLETS_N1	NORMAL	No	USER_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

SDM_REFERENCE

Stores references for different objects of SDM e.g. Form Template, Comment of Form.

Primary Key(s): REFERENCE_ID

Field	Type	Nulls?	Comments
REFERENCE_ID	NUMBER (18)	No	Unique identifier of the record.
REFERENCE_OWNER_ID	NUMBER (18)	No	Refers to the object, for which, reference is created. It can be any one of the following: 1. SDM_FORM.FORM_ID: for Form Template 2. SDM_COMMENT.COMMENT_ID: for Comment
REFERENCE_TYPE	VARCHAR2 (4)	No	Indicates type of the reference. 'DOC' - document in Oracle Content Management Repository 'URL' - URL 'FILE' - uploaded document

Field	Type	Nulls?	Comments
REFERENCE_NAME	VARCHAR2 (255)	Yes	Name of the reference.
REFERENCE_URL	VARCHAR2 (320)	Yes	URL of the reference.
UPLOADED_FILE	BLOB	Yes	User uploaded file content when reference type is FILE.
FILE_NAME	VARCHAR2 (255)	Yes	User uploaded file name when reference type is FILE.
FILE_MIMETYPE	VARCHAR2 (128)	Yes	User uploaded file mime type when reference type is FILE.
APP_ID	NUMBER (1)	No	Identifier for the application to which the row corresponds to, e.g. SDM:4.
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2 (255)	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.

Index Name	Type	Unique	Fields
SDM_REFERENCE_PK	NORMAL	Yes	REFERENCE_ID
SDM_REFERENCE_N1_ONR_TYPE	NORMAL	No	REFERENCE_OWNER_ID, REFERENCE_TYPE

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

SDM_SCENARIO

Stores all members of scenario dimension. This table may be changed at runtime.

Primary Key(s): DYNAMIC_DATA_ID

Field	Type	Nulls?	Comments
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Field	Type	Nulls?	Comments
DYNAMIC_DATA_ID	NUMBER (18)	No	Unique identifier of the record.
NAME	VARCHAR2 (80)	No	Name of the member.
DESCRIPTION	VARCHAR2 (255)	Yes	Description of the member.
APP_ID	NUMBER (1)	No	Identifier for the application to which the row corresponds to. e.g. SDM:4.
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2 (255)	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.

Index Name	Type	Unique	Fields
SDM_SCENARIO_PK	NORMAL	Yes	DYNAMIC_DATA_ID

No Check Constraints

No Internal Foreign Keys

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
SDM_DCP_SCENARIO_ID_FK	PS4FCM	SDM_DATA_COLLECTION_PERIOD	SCENARIO_ID
SDM_FORM_SCENARIO_ID_FK	PS4FCM	SDM_FORM	SCENARIO_ID

No Enabled Triggers

SDM_STATUSES

lookup table for form statuses.

Primary Key(s): STATUS_ID

Field	Type	Nulls?	Comments
STATUS_ID	NUMBER (2)	No	Unique numerical identifier of status.

Field	Type	Nulls?	Comments
CATEGORY_ID	NUMBER (2)	Yes	Numerical identifier of detail statuses category.
STATUS	VARCHAR2 (32)	Yes	Internal text representation of status e.g. PENDING.
CATEGORY	VARCHAR2 (16)	Yes	Category of detail status: in-process, completed, pending, empty for a status category.
TYPE	VARCHAR2 (1)	Yes	Discriminator: C = status category, T = detail status.
ICON	VARCHAR2 (64)	Yes	Internal path to the representative icon.
SORT_ORDER	NUMBER (2)	Yes	Provides logical ordering for lists and tables.
CATEGORY_SORT_ORDER	NUMBER (2)	Yes	Provides logical ordering by category in lists and tables.
OBJECT_VERSION_NUMBER	NUMBER (9)	Yes	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2 (255)	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATE_DATE	DATE	Yes	Who column: indicates the date and time of the last update of the row.
LAST_UPDATED_BY	VARCHAR2 (255)	Yes	Who column: indicates the user who last updated the row.
CREATED_BY	VARCHAR2 (255)	Yes	Who column: indicates the user who created the row.

Index Name	Type	Unique	Fields
SDM_STATUSES_PK	NORMAL	Yes	STATUS_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

SDM_SV_TEMPLATE

Stores all smart view templates of the system.

Primary Key(s): SV_TEMPLATE_ID

Field	Type	Nulls?	Comments
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Field	Type	Nulls?	Comments
SV_TEMPLATE_ID	NUMBER (18)	No	Unique identifier of the record.
TEMPLATE_OWNER_ID	NUMBER (18)	No	Refers to the object, for which, smart view template is created.
NAME	VARCHAR2 (80)	No	Name of the template.
FILE_NAME	VARCHAR2 (255)	No	File name of the template.
FILE_MIMETYPE	VARCHAR2 (128)	No	MIME type of the file.
UPLOADED_FILE	BLOB	No	Uploaded file content.
APP_ID	NUMBER (1)	No	Identifier for the application to which the row corresponds to. e.g. SDM:4.
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2 (255)	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.

Index Name	Type	Unique	Fields
SDM_SV_TEMPLATE_PK	NORMAL	Yes	SV_TEMPLATE_ID
SDM_SV_TMPLT_U1_OWNER	NORMAL	Yes	TEMPLATE_OWNER_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

SDM_SYSTEM_PREFERENCES

Stores various preference settings e.g. font size, cell style. Each record indicates one specific preference.

Primary Key(s): SYSTEM_PREF_ID

Field	Type	Nulls?	Comments
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Field	Type	Nulls?	Comments
SYSTEM_PREF_ID	NUMBER (18)	No	Unique identifier of the record.
NAME	VARCHAR2 (80)	No	Name of the preference.
PREF_VALUE	VARCHAR2 (255)	No	Value of the preference.
DATA_TYPE	VARCHAR2 (20)	No	Data type of the preference value. e.g. Integer, Number, Text, Boolean
APP_ID	NUMBER (1)	No	Identifier for the application to which the row corresponds to. e.g. SDM:4.
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2 (255)	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.

Index Name	Type	Unique	Fields
SDM_SYS_PREF_PK	NORMAL	Yes	SYSTEM_PREF_ID
SDM_SYSTEM_PREF_U1_NAME	FUNCTION-BASED NORMAL	Yes	SYS_NC00012\$, APP_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

SDM_YEAR

Stores all supported years of the system.

Primary Key(s): YEAR_ID

Field	Type	Nulls?	Comments
YEAR_ID	NUMBER (18)	No	Unique identifier of the record.

Field	Type	Nulls?	Comments
NAME	NUMBER (4)	No	Year value e.g. 2014.
APP_ID	NUMBER (1)	No	Identifier for the application to which the row corresponds to. e.g. SDM:4.
OBJECT_VERSION_NUMBER	NUMBER (9)	No	Used to implement optimistic locking. This number is incremented every time that the row is updated. The number is compared at the start and end of a transaction to detect whether another session has updated the row since it was queried.
LAST_UPDATE_LOGIN	VARCHAR2 (255)	Yes	Who column: indicates the session login associated to the user who last updated the row.
LAST_UPDATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who last updated the row.
LAST_UPDATE_DATE	DATE	No	Who column: indicates the date and time of the last update of the row.
CREATED_BY	VARCHAR2 (255)	No	Who column: indicates the user who created the row.
CREATION_DATE	DATE	No	Who column: indicates the date and time of the creation of the row.

Index Name	Type	Unique	Fields
SDM_YEAR_PK	NORMAL	Yes	YEAR_ID
SDM_YEAR_U1_NAME	NORMAL	Yes	NAME, APP_ID

No Check Constraints

No Internal Foreign Keys

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
SDM_DCP_YEAR_ID_FK	PS4FCM	SDM_DATA_COLLECTION_PERIOD	YEAR_ID

No Enabled Triggers

S_ROW_ID

The table stores specify the range of Unique Identifiers that may be used, as well as the latest Identifier in the sequence. The unique Identifier is used for primary keys.

Primary Key(s):

Field	Type	Nulls?	Comments
START_ID	NUMBER (38)	No	Starting id in the range. To avoid duplicate key errors, you must make sure this value is higher than any existing primary key values in your database.

Field	Type	Nulls?	Comments
NEXT_ID	NUMBER (38)	No	Next available id within current range (optional).
MAX_ID	NUMBER (38)	No	Maximum id in the range.
AUX_START_ID	NUMBER (38)	Yes	Starting id in auxiliary block range.
AUX_MAX_ID	NUMBER (38)	Yes	Maximum id in the auxiliary block range.

No Indexes

Check Constraint Name	Text
AUXSTART_LESS_THAN_AUXMAX	AUX_START_ID <= AUX_MAX_ID
AUX_MAIN_DONT_OVERLAP	START_ID NOT BETWEEN AUX_START_ID AND AUX_MAX_ID AND MAX_ID NOT BETWEEN AUX_START_ID AND AUX_MAX_ID
NEXT_LESS_THAN_MAX	NEXT_ID <= MAX_ID + 1
START_LESS_THAN_NEXT	START_ID <= NEXT_ID

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

WL_LLREPMSEVERO

Primary Key(s): XIDSTR

Field	Type	Nulls?
XIDSTR	VARCHAR2 (40)	No
POOLNAMESTR	VARCHAR2 (64)	Yes
RECORDSTR	VARCHAR2 (4000)	Yes

Index Name	Type	Unique	Fields
SYS_C0014091	NORMAL	Yes	XIDSTR

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

WL_LLRFINANCIALCLOSE0

Primary Key(s): XIDSTR

Field	Type	Nulls?
XIDSTR	VARCHAR2 (40)	No
POOLNAMESTR	VARCHAR2 (64)	Yes
RECORDSTR	VARCHAR2 (4000)	Yes

Index Name	Type	Unique	Fields
SYS_C0014087	NORMAL	Yes	XIDSTR

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

WL_LLRSOA_SERVER1

Primary Key(s): XIDSTR

Field	Type	Nulls?
XIDSTR	VARCHAR2 (40)	No
POOLNAMESTR	VARCHAR2 (64)	Yes
RECORDSTR	VARCHAR2 (4000)	Yes

Index Name	Type	Unique	Fields
SYS_C0014093	NORMAL	Yes	XIDSTR

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

WL_LLRTAXMANAGEMENT0

Primary Key(s): XIDSTR

Field	Type	Nulls?
XIDSTR	VARCHAR2 (40)	No
POOLNAMESTR	VARCHAR2 (64)	Yes
RECORDSTR	VARCHAR2 (4000)	Yes

Index Name	Type	Unique	Fields
SYS_C0014089	NORMAL	Yes	XIDSTR

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers