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ps4epma (Tables)

DS_APPLICATION

- contains application views - one row represents one application view - specific to a library

Primary Key(s): I_LIBRARY_ID, I_APPLICATION_ID

Field	Type	Nulls?	Comments
I_LIBRARY_ID	NUMBER (38)	No	- uniquely identifies this library
I_APPLICATION_ID	NUMBER (38)	No	- uniquely identifies this application
C_APPLICATION_NAME	NVARCHAR2 (255)	No	- user-defined application name
C_APPLICATION_DESCR	NVARCHAR2 (255)	Yes	- user-defined application description
I_VIEW_ID	NUMBER (38)	Yes	- the view that this application is associated with - corresponds to DS_View.i_view_id
B_MASTER	NUMBER (1)	No	- True if this application is the "Master Application"
I_PARENT_APPLICATION_ID	NUMBER (38)	Yes	- the application from which this application was derived - corresponds to DS_Application.i_application_id
D_LAST_DEPLOYED_TIMESTAMP	TIMESTAMP(6)	Yes	- the most recent date and time that this application was deployed
I_LAST_DEPLOYED_TRANSACTION_ID	NUMBER (38)	Yes	- which transaction recorded when this application was most recently deployed - corresponds to DS_Transaction_History.i_transaction_id
B_MODIFIED_SINCE_LAST_DEPLOY	NUMBER (1)	Yes	- True if the application has been modified since the last deployment - may also get set to True when the application has not really changed at all, and that is "by design" - if the application includes one or more shared dimensions, then if any of those dimensions gets changed in the Master application (aka Shared Library), then all of the applications that include that dimension will get marked as having been modified since the last deployment, even though the change to the dimension may not really affect all of the applications (if certain members have been excluded, for instance)
I_FIRST_DEPLOY_TRANSACTION_ID	NUMBER (38)	Yes	- which transaction recorded the very first deployment of this application - corresponds to DS_Transaction_History.i_transaction_id
D_DELETION_ATTEMPT	TIMESTAMP(6)	Yes	- was added to record the date and time of the most recent attempt to delete this application in the event that the deletion fails so that a cleanup operation could be done later - not currently being used

Index Name	Type	Unique	Fields
IDXAPP03	NORMAL	No	I_LIBRARY_ID
PK_APP	NORMAL	Yes	I_LIBRARY_ID, I_APPLICATION_ID
IDXAPP01	NORMAL	No	I_LIBRARY_ID, I_PARENT_APPLICATION_ID
IDXAPP02	NORMAL	No	I_LIBRARY_ID, I_VIEW_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK_APP01	I_LIBRARY_ID	PS4EPMA	DS_APPLICATION
FK_APP01	I_PARENT_APPLICATION_ID	PS4EPMA	DS_APPLICATION
FK_APP02	I_LIBRARY_ID	PS4EPMA	DS_VIEW
FK_APP02	I_VIEW_ID	PS4EPMA	DS_VIEW
FK_APP03	I_LIBRARY_ID	PS4EPMA	DS_LIBRARY

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
FK_DIM02	PS4EPMA	DS_DIMENSION	I_LIBRARY_ID
FK_DIM02	PS4EPMA	DS_DIMENSION	I_PARENT_APPLICATION_ID
FK_IMP01	PS4EPMA	DS_IMPORT	I_LIBRARY_ID
FK_IMP01	PS4EPMA	DS_IMPORT	I_APPLICATION_ID
FK_PROPAPP01	PS4EPMA	DS_PROPERTY_APPLICATION	I_LIBRARY_ID
FK_PROPAPP01	PS4EPMA	DS_PROPERTY_APPLICATION	I_APPLICATION_ID
FK_PROPAPPARR02	PS4EPMA	DS_PROPERTY_APPLICATION_ARRAY	I_LIBRARY_ID
FK_PROPAPPARR02	PS4EPMA	DS_PROPERTY_APPLICATION_ARRAY	I_APPLICATION_ID
FK_PROPAPPREF01	PS4EPMA	DS_PROPERTY_APPLICATION_REF	I_APPLICATION_ID
FK_PROPAPPREF01	PS4EPMA	DS_PROPERTY_APPLICATION_REF	I_LIBRARY_ID
FK_PROPDIM01	PS4EPMA	DS_PROPERTY_DIMENSION	I_APPLICATION_ID
FK_PROPDIM01	PS4EPMA	DS_PROPERTY_DIMENSION	I_LIBRARY_ID
FK_PROPDIMARR01	PS4EPMA	DS_PROPERTY_DIMENSION_ARRAY	I_LIBRARY_ID
FK_PROPDIMARR01	PS4EPMA	DS_PROPERTY_DIMENSION_ARRAY	I_APPLICATION_ID
FK_PROPDIMMEM02	PS4EPMA	DS_PROPERTY_DIMENSION_MEMO	I_APPLICATION_ID
FK_PROPDIMMEM02	PS4EPMA	DS_PROPERTY_DIMENSION_MEMO	I_LIBRARY_ID

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
FK_PROPDIMREF01	PS4EPMA	DS_PROPERTY_DIMENSION_REF	I_LIBRARY_ID
FK_PROPDIMREF01	PS4EPMA	DS_PROPERTY_DIMENSION_REF	I_APPLICATION_ID
FK_PROPMBR01	PS4EPMA	DS_PROPERTY_MEMBER	I_LIBRARY_ID
FK_PROPMBR01	PS4EPMA	DS_PROPERTY_MEMBER	I_APPLICATION_ID
FK_PROPMBRDIM01	PS4EPMA	DS_PROPERTY_MEMBER_DIMENSION	I_LIBRARY_ID
FK_PROPMBRDIM01	PS4EPMA	DS_PROPERTY_MEMBER_DIMENSION	I_APPLICATION_ID
FK_PROPMBRMEM01	PS4EPMA	DS_PROPERTY_MEMBER_MEMO	I_APPLICATION_ID
FK_PROPMBRMEM01	PS4EPMA	DS_PROPERTY_MEMBER_MEMO	I_LIBRARY_ID
FK_PROPREL01	PS4EPMA	DS_PROPERTY_RELATIONS_HIP	I_APPLICATION_ID
FK_PROPREL01	PS4EPMA	DS_PROPERTY_RELATIONS_HIP	I_LIBRARY_ID
FK_PROPRELDIM01	PS4EPMA	DS_PROP_RELATIONSHIP_DIMENSION	I_LIBRARY_ID
FK_PROPRELDIM01	PS4EPMA	DS_PROP_RELATIONSHIP_DIMENSION	I_APPLICATION_ID
FK_PROPRELMEM01	PS4EPMA	DS_PROPERTY_RELATIONS_HIP_MEMO	I_LIBRARY_ID
FK_PROPRELMEM01	PS4EPMA	DS_PROPERTY_RELATIONS_HIP_MEMO	I_APPLICATION_ID

No Enabled Triggers

DS_BASELINE_LIBRARY

- contains links between "Baseline" libraries and the "Normal" library from which they were derived - one row represents one "Baseline" library

Primary Key(s): I_NORMAL_LIBRARY_ID, I_BASELINE_LIBRARY_ID

Field	Type	Nulls?	Comments
I_NORMAL_LIBRARY_ID	NUMBER (38)	No	- the "Normal" library from which this "Baseline" library was derived - corresponds to DS_Library.i_library_id
I_BASELINE_LIBRARY_ID	NUMBER (38)	No	- uniquely identifies this "Baseline" library - corresponds to DS_Library.i_library_id
I_BASELINE_TRANSACTION_ID	NUMBER (38)	No	- which transaction recorded when this "Baseline" library was created - corresponds to DS_Transaction_History.i_transaction_id

Index Name	Type	Unique	Fields
IDXBASLIB01	NORMAL	No	I_BASELINE_LIBRARY_ID
IDXBASLIB02	NORMAL	No	I_NORMAL_LIBRARY_ID
PK_BASLIB	NORMAL	Yes	I_NORMAL_LIBRARY_ID, I_BASELINE_LIBRARY_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK_BASLIB01	I_BASELINE_LIBRARY_ID	PS4EPMA	DS_LIBRARY
FK_BASLIB02	I_NORMAL_LIBRARY_ID	PS4EPMA	DS_LIBRARY

No External Foreign Keys

No Enabled Triggers

DS_COMPARE

- this table is not being used at this time - schema and code have been left for possible future usage

Primary Key(s): I_COMPARE_ID

Field	Type	Nulls?	Comments
I_COMPARE_ID	NUMBER (38)	No	- uniquely identifies a compare operation
I_USER_ID	NUMBER (38)	Yes	- originally added to record the user that initiated this compare process - not currently being used
C_COMPARE_NAME	NVARCHAR2 (160)	No	- allows the user to set a meaningful name for this compare operation
B_PUBLIC	NUMBER (1)	No	- indicates whether the criteria for this comparison operation should be viewable by someone other than the user that created the comparison
B_INCLUDE_PROPERTIES	NUMBER (1)	No	- a flag indicating whether to evaluate property differences as part of the compare operation
X_RETURN_PROPERTY_NAMES	NCLOB	No	- list of property names used to populate the property values array for each member returned
I_JOIN_PROPERTY_ID	NUMBER (38)	No	- the property definition memberID of the key property - the key property is a unique value used in identifying related members, dimensions and applications, during a compare. - possible key property values are ID, Name. Default value is ID.

Index Name	Type	Unique	Fields
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Index Name	Type	Unique	Fields
PK_CMP	NORMAL	Yes	I_COMPARE_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

DS_COMPARE_RESULT

- contains results of a compare operation in XML format - these are summary statistics at the dimension level - one row represents the result of a single compare operation - not specific to a library

Primary Key(s): I_COMPARE_RESULT_ID

Field	Type	Nulls?	Comments
I_COMPARE_RESULT_ID	NUMBER (38)	No	- uniquely identifies the result of a comparison
I_JOB_ID	NUMBER (38)	Yes	- tells us what job was run to execute the comparison - corresponds to JM_Job.i_job_id
C_JOB_NAME	NVARCHAR2 (50)	Yes	- not being used at this time - for a description of the job, see the JM_Job.c_descr column linked to this table by i_job_id
X_DATA	NCLOB	Yes	- contains the compare result set in XML format - has actual member IDs and names

Index Name	Type	Unique	Fields
PK_CMPRES	NORMAL	Yes	I_COMPARE_RESULT_ID

No Check Constraints

No Internal Foreign Keys

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
FK_CMPRESMBR02	PS4EPMA	DS_COMPARE_RESULT_MEMBER	I_COMPARE_RESULT_ID

No Enabled Triggers

DS_COMPARE_RESULT_MEMBER

- contains member-level and property-level results of a compare operation in XML format - one row represents one compare result - not specific to a library

Primary Key(s): I_COMPARE_RESULT_ID, I_COMPARE_MEMBER_ID

Field	Type	Nulls?	Comments
I_COMPARE_RESULT_ID	NUMBER (38)	No	- uniquely identifies the result of a comparison
I_COMPARE_MEMBER_ID	NUMBER (38)	No	- this is a numeric value generated by the Compares engine and is not a true memberID - only exists to uniquely identify this result member within the compare result
I_COMPARE_PARENT_ID	NUMBER (38)	Yes	- this is a numeric value generated by the Compares engine and is not a true memberID - indicates which member in the compare result is the parent of this i_compare_member_id member - corresponds to DS_Compare_Result_Member.i_compare_member_id
X_DATA	NCLOB	Yes	- contains member-level and property-level results of a compare operation in XML format - these are summary statistics and can include specific differences in member and property values - the statistics include numbers that describe how the members were compared and the results of each comparison - i.e. TotalMemberCount, TotalDifferences, AdditionsAdditions, RemovesRemoves, MovesMoves, FiltersFilters, SharesShares, DeletesDeletes, PropertyDifferences

Index Name	Type	Unique	Fields
IDXCMPRESMBR01	NORMAL	No	I_COMPARE_RESULT_ID, I_COMPARE_PARENT_ID
IDXCMPRESMBR02	NORMAL	No	I_COMPARE_RESULT_ID
PK_CMPRESMBR	NORMAL	Yes	I_COMPARE_RESULT_ID, I_COMPARE_MEMBER_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK_CMPRESMBR01	I_COMPARE_RESULT_ID	PS4EPMA	DS_COMPARE_RESULT_MEMBER
FK_CMPRESMBR01	I_COMPARE_PARENT_ID	PS4EPMA	DS_COMPARE_RESULT_MEMBER
FK_CMPRESMBR02	I_COMPARE_RESULT_ID	PS4EPMA	DS_COMPARE_RESULT

No External Foreign Keys

No Enabled Triggers

DS_DIMENSION

- contains dimensions - one row represents one dimension - specific to a library

Primary Key(s): I_LIBRARY_ID, I_DIMENSION_ID

Field	Type	Default	Nulls?	Comments
I_LIBRARY_ID	NUMBER (38)		No	- identifies the library that this dimension belongs to - corresponds to DS_Library.i_library_id
I_DIMENSION_ID	NUMBER (38)		No	- uniquely identifies this dimension
C_DIMENSION_NAME	NVARCHAR2 (150)		No	- user-defined dimension name
C_DIMENSION_DESCR	NVARCHAR2 (255)		Yes	- user-defined dimension description
E_DIMENSION_TYPE	NVARCHAR2 (50)		No	- the type of the dimension which tells us how it is used - possible values are Normal and Metadata
I_TOP_MEMBER_ID	NUMBER (38)		No	- which member is the topmost member in the dimension - corresponds to DS_Member.i_member_id
I_MAX_LEVELS_ALLOWED	NUMBER (38)		No	- the highest number of member tree levels allowed in this dimension
B_READ_ONLY	NUMBER (1)		No	- True if this dimension cannot be altered
E_DIMENSION_STATE	NVARCHAR2 (15)	('Shared')	No	- contains the value of the DimensionState property - possible values are Shared, Local - Shared means that it is shared into the Master library - Local means it was either sourced from the Master library or created as new in an application. In the case where it originated from the Master library, the originating dimensionID is stored in a dimension-level property called SourceDimension, so it can be re-shared to it later if requested.
I_PARENT_APPLICATION_ID	NUMBER (38)		Yes	- for local dimensions, this value represents the application that owns the dimension - for shared dimensions, this value is null meaning it belongs to the master application - corresponds to DS_Application.i_application_id

Index Name	Type	Unique	Fields
IDXDIM01	NORMAL	No	I_LIBRARY_ID
IDXDIM02	NORMAL	No	I_LIBRARY_ID, I_PARENT_APPLICATION_ID
PK_DIM	NORMAL	Yes	I_LIBRARY_ID, I_DIMENSION_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
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Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK_DIM01	I_LIBRARY_ID	PS4EPMA	DS_LIBRARY
FK_DIM02	I_LIBRARY_ID	PS4EPMA	DS_APPLICATION
FK_DIM02	I_PARENT_APPLICATION_ID	PS4EPMA	DS_APPLICATION

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
FK_MBR01	PS4EPMA	DS_MEMBER	I_LIBRARY_ID
FK_MBR01	PS4EPMA	DS_MEMBER	I_DIMENSION_ID
FK_PROPDIM02	PS4EPMA	DS_PROPERTY_DIMENSION	I_LIBRARY_ID
FK_PROPDIM02	PS4EPMA	DS_PROPERTY_DIMENSION	I_DIMENSION_ID
FK_PROPDIMARR02	PS4EPMA	DS_PROPERTY_DIMENSION_ARRAY	I_DIMENSION_ID
FK_PROPDIMARR02	PS4EPMA	DS_PROPERTY_DIMENSION_ARRAY	I_LIBRARY_ID
FK_PROPDIMMEM03	PS4EPMA	DS_PROPERTY_DIMENSION_MEMO	I_LIBRARY_ID
FK_PROPDIMMEM03	PS4EPMA	DS_PROPERTY_DIMENSION_MEMO	I_DIMENSION_ID
FK_PROPDIMREF02	PS4EPMA	DS_PROPERTY_DIMENSION_REF	I_DIMENSION_ID
FK_PROPDIMREF02	PS4EPMA	DS_PROPERTY_DIMENSION_REF	I_LIBRARY_ID
FK_PROPDIMREF04	PS4EPMA	DS_PROPERTY_DIMENSION_REF	I_LIBRARY_ID
FK_PROPDIMREF04	PS4EPMA	DS_PROPERTY_DIMENSION_REF	I_REF_DIMENSION_ID
FK_PROPMBRDIM02	PS4EPMA	DS_PROPERTY_MEMBER_DIMENSION	I_LIBRARY_ID
FK_PROPMBRDIM02	PS4EPMA	DS_PROPERTY_MEMBER_DIMENSION	I_REF_DIMENSION_ID
FK_PROPRELDIM02	PS4EPMA	DS_PROP_RELATIONSHIP_DIMENSION	I_REF_DIMENSION_ID
FK_PROPRELDIM02	PS4EPMA	DS_PROP_RELATIONSHIP_DIMENSION	I_LIBRARY_ID
FK_VWFILT01	PS4EPMA	DS_VIEW_FILTER	I_DIMENSION_ID
FK_VWFILT01	PS4EPMA	DS_VIEW_FILTER	I_LIBRARY_ID

No Enabled Triggers

DS_GUID_ID

- this table was originally created to allow guids to be used to uniquely identify data objects, but is not currently being used

Primary Key(s): C_KEY_GUID

Field	Type	Nulls?	Comments
C_KEY_GUID	NVARCHAR2 (38)	No	- a unique identifier to use in place of an integer ID value
I_KEY_SEQUENCE_ID	NUMBER (38)	No	- a unique identifier to use in place of an integer ID value - the integer ID that corresponds to the c_key_guid

Index Name	Type	Unique	Fields
PK_GUIDID	NORMAL	Yes	C_KEY_GUID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

DS_IMPORT

- contains the definition of an import profile, the criteria by which an import is executed - one row represents one import profile - specific to a library and application

Primary Key(s): I_IMPORT_ID

Field	Type	Default	Nulls?	Comments
I_IMPORT_ID	NUMBER (38)		No	- uniquely identifies an import profile
C_NAME	NVARCHAR2 (255)		No	- user-defined import profile name
C_DESCR	NVARCHAR2 (255)		Yes	- user-defined import profile description
C_DATA_SOURCE_NAME	NVARCHAR2 (255)		Yes	- only populated if e_import_type column value is "InterfaceTables" - the value is a user-defined string that comes from HSS (Hyperion Shared Services) - when EPMA is configured using the EPM System Configurator, data sources can be registered with HSS - at that time, the user registers the data source with HSS and gives the data source a name
D_DATE_CREATED	TIMESTAMP(6)		Yes	- the date and time that the import file was created
C_USER_CREATED	NVARCHAR2 (256)		Yes	- the user that created the import profile
E_IMPORT_TYPE	NVARCHAR2 (50)		Yes	- the type of the import indicating the source of the data - possible values are InterfaceTables, FlatFile

Field	Type	Default	Nulls?	Comments
I_LIBRARY_ID	NUMBER (38)	1	No	- identifies the library that this import is adding data to, updating data in, or removing data from - corresponds to DS_Library.i_library_id
I_APPLICATION_ID	NUMBER (38)	1	No	- identifies the application that this import is adding data to, updating data in, or removing data from - corresponds to DS_Application.i_application_id

Index Name	Type	Unique	Fields
IDXIMP01	NORMAL	No	I_LIBRARY_ID, I_APPLICATION_ID
PK_IMP	NORMAL	Yes	I_IMPORT_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK_IMP01	I_LIBRARY_ID	PS4EPMA	DS_APPLICATION
FK_IMP01	I_APPLICATION_ID	PS4EPMA	DS_APPLICATION

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
FK_IMPDM01	PS4EPMA	DS_IMPORT_DIMENSION	I_IMPORT_ID
FK_IMPPARM01	PS4EPMA	DS_IMPORT_PARAMETER	I_IMPORT_ID

No Enabled Triggers

DS_IMPORT_DIMENSION

- indicates what dimensions are being imported - one row represents one dimension to be imported - specific to a library, application

Primary Key(s): I_IMPORT_ID, I_IMPORT_DIMENSION_ID

Field	Type	Default	Nulls?	Comments
I_IMPORT_ID	NUMBER (38)		No	- uniquely identifies the import profile that this row is associated with - corresponds to DS_Import.i_import_id
I_IMPORT_DIMENSION_ID	NUMBER (38)		No	- this is just a numeric sequence that is assigned to the dimensions being imported which has no connection or correspondence to the DS_Dimension.i_dimension_id column
C_SOURCE_DIMENSION	NVARCHAR2 (255)		Yes	- the user-defined name of the dimension to be imported

Field	Type	Default	Nulls?	Comments
I_DIMENSION_CLASS_ID	NUMBER (38)		No	- the dimension class that is to be assigned to the imported dimension - through EPMA version 9.3.1, corresponded to the DS_Dimension_Class.i_dimension_class_id column - the DS_Dimension_Class table no longer exists and this column now maps to the DS_Member.i_member_id column which is the member that represents the appropriate Dimension Class
B_IGNORE_MISSING_PROPERTIES	NUMBER (1)		No	- defaults to True - this column is not being used at this time, but may be put into use for a future release
C_TARGET_DIMENSION	NVARCHAR2 (255)		Yes	- the name of the existing dimension that will be replaced or merged into, or the name of the new dimension that is to be created (depends on the value of the e_import_mapping_type column)
E_IMPORT_MAPPING_TYPE	NVARCHAR2 (30)		Yes	- how the dimension is to be imported - possible values are New, Replace, Merge - New - creates a new dimension with the name found in the c_source_dimension column - Replace - replaces the existing dimension named in the c_source_dimension column - Merge - merges the imported values into the existing dimension named in the c_source_dimension column
B_UPDATE_NAMED_APP_PROPERTIES	NUMBER (1)	0	No	- this column is not needed due to the implementation of shared/local dimensions
B_FORCE_APP_AUTO_EXCLUD_INSERT	NUMBER (1)	0	No	- this column is not needed due to the implementation of shared/local dimensions
E_IMPORT_REORDER_TYPE	NVARCHAR2 (50)	'MergeToBottom'	No	- controls how newly imported members are ordered in the parent's child list
B_REORDER_EXISTING_MEMBERS	NUMBER (1)	0	No	- indicates whether import source members that already exist should be re-ordered to match the import source's order

Index Name	Type	Unique	Fields
IDXIMPDIM01	NORMAL	No	I_IMPORT_ID
PK_IMPPROFDIM	NORMAL	Yes	I_IMPORT_ID, I_IMPORT_DIMENSION_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
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Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK_IMPDIM01	I_IMPORT_ID	PS4EPMA	DS_IMPORT

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
FK_IMPDIMPROP01	PS4EPMA	DS_IMPORT_DIMENSION_PROPERTY	I_IMPORT_DIMENSION_ID
FK_IMPDIMPROP01	PS4EPMA	DS_IMPORT_DIMENSION_PROPERTY	I_IMPORT_ID

No Enabled Triggers

DS_IMPORT_DIMENSION_PROPERTY

- indicates what properties are being imported - one row represents one property to be imported - not specific to a library

Primary Key(s): I_IMPORT_ID, I_IMPORT_DIMENSION_ID, I_IMPORT_DIMENSION_PROPERTY_ID

Field	Type	Nulls?	Comments
I_IMPORT_ID	NUMBER (38)	No	- uniquely identifies the import profile that this row is associated with - corresponds to DS_Import.i_import_id
I_IMPORT_DIMENSION_ID	NUMBER (38)	No	- this is just a numeric sequence that is assigned to the dimensions being imported which has no connection or correspondence to the DS_Dimension.i_dimension_id column - corresponds to DS_Import_Dimension.i_import_dimension_id
I_IMPORT_DIMENSION_PROPERTY_ID	NUMBER (38)	No	- this is just a numeric sequence that is assigned to the properties being imported within the context of an imported dimension (i_import_dimension_id) which has no connection or correspondence to the DS_Property.i_property_id column
C_SOURCE_PROPERTY	NVARCHAR2 (255)	No	- the user-defined name of the property to be imported
C_TARGET_PROPERTY	NVARCHAR2 (255)	No	- the existing property that this property value will be mapped to during the import process
B_REMOVE_TARGET_VALUES	NUMBER (1)	No	
B_IGNORE_SPACES	NUMBER (1)	No	- defaults to True - this column is not being used at this time

Index Name	Type	Unique	Fields
IDXIMPDIMPROP01	NORMAL	No	I_IMPORT_ID, I_IMPORT_DIMENSION_ID
PK_IMPDIMPROP	NORMAL	Yes	I_IMPORT_ID, I_IMPORT_DIMENSION_ID,

Index Name	Type	Unique	Fields
			I_IMPORT_DIMENSION_PROPERTY_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK_IMPDIMPROP01	I_IMPORT_ID	PS4EPMA	DS_IMPORT_DIMENSION
FK_IMPDIMPROP01	I_IMPORT_DIMENSION_ID	PS4EPMA	DS_IMPORT_DIMENSION

No External Foreign Keys

No Enabled Triggers

DS_IMPORT_PARAMETER

- contains criteria for handling the imported string data - one row represents one criteria type and its value - not specific to a library

Primary Key(s): I_IMPORT_ID, I_IMPORT_PARAMETER_ID

Field	Type	Nulls?	Comments
I_IMPORT_ID	NUMBER (38)	No	- uniquely identifies the import profile that this row is associated with - corresponds to DS_Import.i_import_id
I_IMPORT_PARAMETER_ID	NUMBER (38)	No	- this is just a numeric sequence that is assigned to the import parameters within the context of the import profile (i_import_id)
C_KEY	NVARCHAR2 (50)	No	- the name of the import parameter - possible values for this column are FlatFileDelimiter, StripQuotedStrings, TrimSpaces
C_VALUE	NVARCHAR2 (50)	No	- the user-defined value of the import parameter - FlatFileDelimiter - possible values for this parameter are ; or - StripQuotedStrings - possible values for this parameter are include True, False - TrimSpaces - possible values for this parameter are True, False

Index Name	Type	Unique	Fields
IDXIMPPARM01	NORMAL	No	I_IMPORT_ID
PK_IMPPARAM	NORMAL	Yes	I_IMPORT_ID, I_IMPORT_PARAMETER_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK_IMPPARM01	I_IMPORT_ID	PS4EPMA	DS_IMPORT

No External Foreign Keys

No Enabled Triggers

DS_LIBRARY

- contains libraries - one row represents one library

Primary Key(s): I_LIBRARY_ID

Field	Type	Default	Nulls?	Comments
I_LIBRARY_ID	NUMBER (38)		No	- uniquely identifies this library
C_LIBRARY_NAME	NVARCHAR2 (300)		No	- system-defined library name
C_LIBRARY_DESCR	NVARCHAR2 (255)		Yes	- system-defined library description
E_LIBRARY_TYPE	NVARCHAR2 (20)		No	- the type of the library which tells us how it is used - possible values are Normal, Baseline
I_LIBRARY_STATUS	NUMBER (38)		No	- this column is not being used at this time, but may be put into use for a future release - possible values might be Working, Submitted, Finalized, Expired
I_ANCESTOR_ID	NUMBER (38)		Yes	- the libraryID of the library from which this library was copied, as when a baseline library is created - corresponds to DS_Library.i_library_id
B_EXACT_COPY	NUMBER (1)		No	- defaults to False - True for "Baseline" libraries, False for a "Normal" (Master) library
D_ANCESTOR_COPY	TIMESTAMP(6)		Yes	- the date and time that a "Baseline" library was created, NULL for a "Normal" (Master) library
B_MASTER	NUMBER (1)	(0)	No	- default is False - True if the library is the "Master" library
B_TEMPLATE	NUMBER (1)	(0)	No	- default is False - this column is not being used at this time
I_FOLDER_DIMENSION_ID	NUMBER (38)		Yes	- the "Folders" dimension - corresponds to DS_Dimension.i_dimension_id
I_DIMENSION_CLASS_DIM_ID	NUMBER (38)		Yes	- the "Dimension Class" dimension - corresponds to DS_Dimension.i_dimension_id
I_MEMBER_CLASS_DIM_ID	NUMBER (38)		Yes	- the "Member Class" dimension - corresponds to DS_Dimension.i_dimension_id
I_APPLICATION_CLASS_DIM_ID	NUMBER (38)		Yes	- the "Application Class" dimension - corresponds to DS_Dimension.i_dimension_id

Field	Type	Default	Nulls?	Comments
I_PROPERTY_MGR_DIM_ID	NUMBER (38)		Yes	- the "Properties" dimension - corresponds to DS_Dimension.i_dimension_id
I_VALIDATION_MGR_DIM_ID	NUMBER (38)		Yes	- the "Validations" dimension - corresponds to DS_Dimension.i_dimension_id
I_FORMULA_MGR_DIM_ID	NUMBER (38)		Yes	- the "Formulas" dimension - corresponds to DS_Dimension.i_dimension_id
I_MAPPING_MGR_DIM_ID	NUMBER (38)		Yes	- the "Mapping Set" dimension - corresponds to DS_Dimension.i_dimension_id - this column is not being used at this time
I_PROPERTY_QUERY_MGR_DIM_ID	NUMBER (38)		Yes	- the "Property Query" dimension - corresponds to DS_Dimension.i_dimension_id - this column is not being used at this time
I_EXPORT_MGR_DIM_ID	NUMBER (38)		Yes	- the "Export Manager" dimension - corresponds to DS_Dimension.i_dimension_id - this column is not being used at this time
D_CREATED	TIMESTAMP(6)		Yes	- the date and time that this library was created
C_USER_CREATED	NVARCHAR2 (256)		Yes	- the user that created this library
B_INACTIVE	NUMBER (1)	(0)	No	- True if this library has been marked inactive by the user - defaults to False - not currently being used and will most likely be removed in a future release - originally added to support user-defined libraries, a feature which was never developed
B_PRIVATE	NUMBER (1)	(0)	No	- True if this library has been marked private by the user - defaults to False - not currently being used and will most likely be removed in a future release - originally added to support user-defined libraries, a feature which was never developed

Index Name	Type	Unique	Fields
IDXLIB01	NORMAL	No	I_ANCESTOR_ID
PK_LIB	NORMAL	Yes	I_LIBRARY_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK_LIB01	I_ANCESTOR_ID	PS4EPMA	DS_LIBRARY

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
FK_APP03	PS4EPMA	DS_APPLICATION	I_LIBRARY_ID
FK_BASELIB01	PS4EPMA	DS_BASELINE_LIBRARY	I_BASELINE_LIBRARY_ID
FK_BASELIB02	PS4EPMA	DS_BASELINE_LIBRARY	I_NORMAL_LIBRARY_ID
FK_DIM01	PS4EPMA	DS_DIMENSION	I_LIBRARY_ID
FK_PERSP01	PS4EPMA	DS_PERSPECTIVE	I_PERSPECTIVE_ID
FK_PROPLIB02	PS4EPMA	DS_PROPERTY_LIBRARY	I_LIBRARY_ID
FK_VW01	PS4EPMA	DS_VIEW	I_LIBRARY_ID

No Enabled Triggers

DS_MEMBER

- contains dimension members - one row represents one dimension member - specific to a library and dimension

Primary Key(s): I_LIBRARY_ID, I_DIMENSION_ID, I_MEMBER_ID

Field	Type	Nulls?	Comments
I_LIBRARY_ID	NUMBER (38)	No	- identifies the library that this member belongs to - corresponds to DS_Library.i_library_id
I_DIMENSION_ID	NUMBER (38)	No	- which dimension this member belongs to - corresponds to DS_Dimension.i_dimension_id
I_MEMBER_ID	NUMBER (38)	No	- uniquely identifies this member
C_MEMBER_NAME	NVARCHAR2 (150)	No	- system-defined or user-defined member name
C_MEMBER_DESCR	NVARCHAR2 (255)	Yes	- system-defined or user-defined member description
B_INACTIVE	NUMBER (1)	No	- not currently being used - contains the value of the Inactive property - default is False
B_APPROVED	NUMBER (1)	No	- default is False - this column is not being used at this time

Index Name	Type	Unique	Fields
IDXMBR01	NORMAL	No	I_LIBRARY_ID, I_DIMENSION_ID
PK_MBR	NORMAL	Yes	I_LIBRARY_ID, I_DIMENSION_ID, I_MEMBER_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK_MBR01	I_LIBRARY_ID	PS4EPMA	DS_DIMENSION

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK_MBR01	I_DIMENSION_ID	PS4EPMA	DS_DIMENSION

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
FK_PROPAPP02	PS4EPMA	DS_PROPERTY_APPLICATION	I_PROP_DEF_DIMENSION_ID
FK_PROPAPP02	PS4EPMA	DS_PROPERTY_APPLICATION	I_LIBRARY_ID
FK_PROPAPP02	PS4EPMA	DS_PROPERTY_APPLICATION	I_PROP_DEF_MEMBER_ID
FK_PROPAPPARR01	PS4EPMA	DS_PROPERTY_APPLICATION_ARRAY	I_PROP_DEF_DIMENSION_ID
FK_PROPAPPARR01	PS4EPMA	DS_PROPERTY_APPLICATION_ARRAY	I_LIBRARY_ID
FK_PROPAPPARR01	PS4EPMA	DS_PROPERTY_APPLICATION_ARRAY	I_PROP_DEF_MEMBER_ID
FK_PROPAPPARR03	PS4EPMA	DS_PROPERTY_APPLICATION_ARRAY	I_LIBRARY_ID
FK_PROPAPPARR03	PS4EPMA	DS_PROPERTY_APPLICATION_ARRAY	I_REF_DIMENSION_ID
FK_PROPAPPARR03	PS4EPMA	DS_PROPERTY_APPLICATION_ARRAY	I_REF_MEMBER_ID
FK_PROPAPPREF02	PS4EPMA	DS_PROPERTY_APPLICATION_REF	I_LIBRARY_ID
FK_PROPAPPREF02	PS4EPMA	DS_PROPERTY_APPLICATION_REF	I_PROP_DEF_DIMENSION_ID
FK_PROPAPPREF02	PS4EPMA	DS_PROPERTY_APPLICATION_REF	I_PROP_DEF_MEMBER_ID
FK_PROPDIM03	PS4EPMA	DS_PROPERTY_DIMENSION	I_LIBRARY_ID
FK_PROPDIM03	PS4EPMA	DS_PROPERTY_DIMENSION	I_PROP_DEF_DIMENSION_ID
FK_PROPDIM03	PS4EPMA	DS_PROPERTY_DIMENSION	I_PROP_DEF_MEMBER_ID
FK_PROPDIMARR03	PS4EPMA	DS_PROPERTY_DIMENSION_ARRAY	I_LIBRARY_ID
FK_PROPDIMARR03	PS4EPMA	DS_PROPERTY_DIMENSION_ARRAY	I_PROP_DEF_DIMENSION_ID
FK_PROPDIMARR03	PS4EPMA	DS_PROPERTY_DIMENSION_ARRAY	I_PROP_DEF_MEMBER_ID
FK_PROPDIMARR04	PS4EPMA	DS_PROPERTY_DIMENSION_ARRAY	I_LIBRARY_ID
FK_PROPDIMARR04	PS4EPMA	DS_PROPERTY_DIMENSION_ARRAY	I_REF_DIMENSION_ID
FK_PROPDIMARR04	PS4EPMA	DS_PROPERTY_DIMENSION_ARRAY	I_REF_MEMBER_ID
FK_PROPDIMMEM01	PS4EPMA	DS_PROPERTY_DIMENSION	I_LIBRARY_ID

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
		_MEMO	
FK_PROPDIMMEM01	PS4EPMA	DS_PROPERTY_DIMENSION _MEMO	I_PROP_DEF_DIMEN SION_ID
FK_PROPDIMMEM01	PS4EPMA	DS_PROPERTY_DIMENSION _MEMO	I_PROP_DEF_MEMBE R_ID
FK_PROPDIMREF03	PS4EPMA	DS_PROPERTY_DIMENSION _REF	I_LIBRARY_ID
FK_PROPDIMREF03	PS4EPMA	DS_PROPERTY_DIMENSION _REF	I_PROP_DEF_DIMEN SION_ID
FK_PROPDIMREF03	PS4EPMA	DS_PROPERTY_DIMENSION _REF	I_PROP_DEF_MEMBE R_ID
FK_PROPLIB01	PS4EPMA	DS_PROPERTY_LIBRARY	I_LIBRARY_ID
FK_PROPLIB01	PS4EPMA	DS_PROPERTY_LIBRARY	I_PROP_DEF_MEMBE R_ID
FK_PROPLIB01	PS4EPMA	DS_PROPERTY_LIBRARY	I_PROP_DEF_DIMEN SION_ID
FK_PROPMBR02	PS4EPMA	DS_PROPERTY_MEMBER	I_PROP_DEF_DIMEN SION_ID
FK_PROPMBR02	PS4EPMA	DS_PROPERTY_MEMBER	I_LIBRARY_ID
FK_PROPMBR02	PS4EPMA	DS_PROPERTY_MEMBER	I_PROP_DEF_MEMBE R_ID
FK_PROPMBR03	PS4EPMA	DS_PROPERTY_MEMBER	I_LIBRARY_ID
FK_PROPMBR03	PS4EPMA	DS_PROPERTY_MEMBER	I_DIMENSION_ID
FK_PROPMBR03	PS4EPMA	DS_PROPERTY_MEMBER	I_MEMBER_ID
FK_PROPMBRARR02	PS4EPMA	DS_PROPERTY_MEMBER_A RRAY	I_LIBRARY_ID
FK_PROPMBRARR02	PS4EPMA	DS_PROPERTY_MEMBER_A RRAY	I_DIMENSION_ID
FK_PROPMBRARR02	PS4EPMA	DS_PROPERTY_MEMBER_A RRAY	I_MEMBER_ID
FK_PROPMBRARR03	PS4EPMA	DS_PROPERTY_MEMBER_A RRAY	I_LIBRARY_ID
FK_PROPMBRARR03	PS4EPMA	DS_PROPERTY_MEMBER_A RRAY	I_REF_DIMENSION_I D
FK_PROPMBRARR03	PS4EPMA	DS_PROPERTY_MEMBER_A RRAY	I_REF_MEMBER_ID
FK_PROPMBRARR04	PS4EPMA	DS_PROPERTY_MEMBER_A RRAY	I_LIBRARY_ID
FK_PROPMBRARR04	PS4EPMA	DS_PROPERTY_MEMBER_A RRAY	I_PROP_DEF_DIMEN SION_ID
FK_PROPMBRARR04	PS4EPMA	DS_PROPERTY_MEMBER_A RRAY	I_PROP_DEF_MEMBE R_ID
FK_PROPMBRDIM03	PS4EPMA	DS_PROPERTY_MEMBER_D IMENSION	I_DIMENSION_ID

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
FK_PROPMBRDIM03	PS4EPMA	DS_PROPERTY_MEMBER_DIMENSION	I_LIBRARY_ID
FK_PROPMBRDIM03	PS4EPMA	DS_PROPERTY_MEMBER_DIMENSION	I_MEMBER_ID
FK_PROPMBRDIM04	PS4EPMA	DS_PROPERTY_MEMBER_DIMENSION	I_PROP_DEF_DIMENSION_ID
FK_PROPMBRDIM04	PS4EPMA	DS_PROPERTY_MEMBER_DIMENSION	I_LIBRARY_ID
FK_PROPMBRDIM04	PS4EPMA	DS_PROPERTY_MEMBER_DIMENSION	I_PROP_DEF_MEMBER_ID
FK_PROPMBRMAP01	PS4EPMA	DS_PROPERTY_MEMBER_MAP	I_LIBRARY_ID
FK_PROPMBRMAP01	PS4EPMA	DS_PROPERTY_MEMBER_MAP	I_PROP_DEF_DIMENSION_ID
FK_PROPMBRMAP01	PS4EPMA	DS_PROPERTY_MEMBER_MAP	I_PROP_DEF_MEMBER_ID
FK_PROPMBRMAP02	PS4EPMA	DS_PROPERTY_MEMBER_MAP	I_DIMENSION_ID
FK_PROPMBRMAP02	PS4EPMA	DS_PROPERTY_MEMBER_MAP	I_LIBRARY_ID
FK_PROPMBRMAP02	PS4EPMA	DS_PROPERTY_MEMBER_MAP	I_MEMBER_ID
FK_PROPMBRMAP03	PS4EPMA	DS_PROPERTY_MEMBER_MAP	I_LIBRARY_ID
FK_PROPMBRMAP03	PS4EPMA	DS_PROPERTY_MEMBER_MAP	I_REF_DIMENSION_ID
FK_PROPMBRMAP03	PS4EPMA	DS_PROPERTY_MEMBER_MAP	I_REF_MEMBER_ID
FK_PROPMBRMEM02	PS4EPMA	DS_PROPERTY_MEMBER_MEMO	I_LIBRARY_ID
FK_PROPMBRMEM02	PS4EPMA	DS_PROPERTY_MEMBER_MEMO	I_PROP_DEF_DIMENSION_ID
FK_PROPMBRMEM02	PS4EPMA	DS_PROPERTY_MEMBER_MEMO	I_PROP_DEF_MEMBER_ID
FK_PROPMBRMEM03	PS4EPMA	DS_PROPERTY_MEMBER_MEMO	I_LIBRARY_ID
FK_PROPMBRMEM03	PS4EPMA	DS_PROPERTY_MEMBER_MEMO	I_DIMENSION_ID
FK_PROPMBRMEM03	PS4EPMA	DS_PROPERTY_MEMBER_MEMO	I_MEMBER_ID
FK_PROPREL02	PS4EPMA	DS_PROPERTY_RELATIONS_HIP	I_LIBRARY_ID
FK_PROPREL02	PS4EPMA	DS_PROPERTY_RELATIONS_HIP	I_PROP_DEF_DIMENSION_ID
FK_PROPREL02	PS4EPMA	DS_PROPERTY_RELATIONS_HIP	I_PROP_DEF_MEMBER_ID

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
FK_PROPRELARR03	PS4EPMA	DS_PROPERTY_RELATIONS HIP_ARRAY	I_LIBRARY_ID
FK_PROPRELARR03	PS4EPMA	DS_PROPERTY_RELATIONS HIP_ARRAY	I_REF_DIMENSION_I D
FK_PROPRELARR03	PS4EPMA	DS_PROPERTY_RELATIONS HIP_ARRAY	I_REF_MEMBER_ID
FK_PROPRELARR04	PS4EPMA	DS_PROPERTY_RELATIONS HIP_ARRAY	I_LIBRARY_ID
FK_PROPRELARR04	PS4EPMA	DS_PROPERTY_RELATIONS HIP_ARRAY	I_PROP_DEF_DIMEN SION_ID
FK_PROPRELARR04	PS4EPMA	DS_PROPERTY_RELATIONS HIP_ARRAY	I_PROP_DEF_MEMBE R_ID
FK_PROPRELDIM03	PS4EPMA	DS_PROP_RELATIONSHIP_D IMENSION	I_LIBRARY_ID
FK_PROPRELDIM03	PS4EPMA	DS_PROP_RELATIONSHIP_D IMENSION	I_PROP_DEF_DIMEN SION_ID
FK_PROPRELDIM03	PS4EPMA	DS_PROP_RELATIONSHIP_D IMENSION	I_PROP_DEF_MEMBE R_ID
FK_PROPRELMEM02	PS4EPMA	DS_PROPERTY_RELATIONS HIP_MEMO	I_LIBRARY_ID
FK_PROPRELMEM02	PS4EPMA	DS_PROPERTY_RELATIONS HIP_MEMO	I_PROP_DEF_DIMEN SION_ID
FK_PROPRELMEM02	PS4EPMA	DS_PROPERTY_RELATIONS HIP_MEMO	I_PROP_DEF_MEMBE R_ID
FK_REL01	PS4EPMA	DS_RELATIONSHIP	I_LIBRARY_ID
FK_REL01	PS4EPMA	DS_RELATIONSHIP	I_DIMENSION_ID
FK_REL01	PS4EPMA	DS_RELATIONSHIP	I_PARENT_MEMBER _ID
FK_REL02	PS4EPMA	DS_RELATIONSHIP	I_LIBRARY_ID
FK_REL02	PS4EPMA	DS_RELATIONSHIP	I_DIMENSION_ID
FK_REL02	PS4EPMA	DS_RELATIONSHIP	I_CHILD_MEMBER_I D

No Enabled Triggers

DS_PAGING_DETAIL

- this table is not being used at this time - contains individual pages of a paged result set - one row represents one page of a paged result set - not specific to a library

Primary Key(s): I_PAGING_DETAIL_ID, I_PAGING_HEADER_ID

Field	Type	Nulls?	Comments
I_PAGING_DETAIL_ID	NUMBER (38)	No	- uniquely identifies this detail page

Field	Type	Nulls?	Comments
I_PAGING_HEADER_ID	NUMBER (38)	No	- the paging header that this paging detail row is associated with - corresponds to DS_Paging_Header.i_paging_heading_id
I_PAGE_NUMBER	NUMBER (38)	No	- the number of this page within the paged result set - represents one of the DS_Paging_Header.i_total_pages
M_VALUE	BLOB	Yes	- contains one or more objects in binary format - the number of objects contained in each page depends on the value of DS_Paging_Header.i_page_size

Index Name	Type	Unique	Fields
IDXPAGINGDETAIL01	NORMAL	No	I_PAGING_HEADER_ID
PK_PAGINGDETAIL	NORMAL	Yes	I_PAGING_DETAIL_ID, I_PAGING_HEADER_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK_PAGINGDETAIL01	I_PAGING_HEADER_ID	PS4EPMA	DS_PAGING_HEADER

No External Foreign Keys

No Enabled Triggers

DS_PAGING_HEADER

- this table is not being used at this time - contains paged result sets - one row represents a paged result set - not specific to a library

Primary Key(s): I_PAGING_HEADER_ID

Field	Type	Nulls?	Comments
I_PAGING_HEADER_ID	NUMBER (38)	No	- uniquely identifies a paged result set
E_PAGED_TYPE	NVARCHAR2 (255)	No	- the type of object being paged - currently, the only type defined is "Member"
C_SESSION_ID	NVARCHAR2 (36)	No	- the session that is active when the paged result set is created - corresponds to DS_Session.c_session_id
I_TOTAL_OBJECTS	NUMBER (38)	Yes	- the total number of objects contained in the result set - spread across all the pages
I_PAGE_SIZE	NUMBER (38)	Yes	- the number of objects per page
I_TOTAL_PAGES	NUMBER (38)	Yes	- the total number of pages in the result set - there will be this many corresponding page detail rows in the DS_Paging_Detail table

Field	Type	Nulls?	Comments
E_PAGED_STATUS	NVARCHAR2 (255)	No	- the current status of the paged result set - CompleteSuccess - the paging session has been completed - Started - paging session has started but not completed - Failure - paging status aborted or an internal error occurred during paging execution

Index Name	Type	Unique	Fields
PK_PAGINGHEADER	NORMAL	Yes	I_PAGING_HEADER_ID

No Check Constraints

No Internal Foreign Keys

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
FK_PAGINGDETAIL01	PS4EPMA	DS_PAGING_DETAIL	I_PAGING_HEADER_ID

No Enabled Triggers

DS_PERSPECTIVE

- created to support the "Perspectives" feature, however, this new feature was shelved and may never resurface in a future release - not being used at this time

Primary Key(s): I_LIBRARY_ID, I_PERSPECTIVE_ID

Field	Type	Nulls?	Comments
I_LIBRARY_ID	NUMBER (38)	No	- identifies the library that this perspective belongs to - corresponds to DS_Library.i_library_id
I_PERSPECTIVE_ID	NUMBER (38)	No	- uniquely identifies this perspective
D_EFFECTIVE_DATE	TIMESTAMP(6)	Yes	- the date and time that this perspective will become effective
B_USE_CURRENT_DATE	NUMBER (1)	No	- the intended purpose for this column is unclear, but may mean that when the value is true, this perspective goes into effect as soon as it is activated
D_CREATED	TIMESTAMP(6)	Yes	- date and time this perspective was created
C_USER_CREATED	NVARCHAR2 (256)	Yes	- the userID of the user that created this perspective
C_PERSPECTIVE_NAME	NVARCHAR2 (300)	Yes	- the user-defined name of this perspective
C_PERSPECTIVE_DESCR	NVARCHAR2 (255)	Yes	- the user-defined description of this perspective

Index Name	Type	Unique	Fields
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Index Name	Type	Unique	Fields
IDXPERSP01	NORMAL	No	I_PERSPECTIVE_ID
PK_PERSP	NORMAL	Yes	I_LIBRARY_ID, I_PERSPECTIVE_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK_PERSP01	I_PERSPECTIVE_ID	PS4EPMA	DS_LIBRARY

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
FK_REQ01	PS4EPMA	DS_REQUEST	I_PERSPECTIVE_ID
FK_REQ01	PS4EPMA	DS_REQUEST	I_LIBRARY_ID

No Enabled Triggers

DS_PROPERTY_APPLICATION

- contains application-level property values for the following property types - String, Boolean, Float, Integer, DateTime, StringEnumeration, ListGroup, StringArray - one row represents one application-level property value - for properties where DimensionGlobal is True - specific to a library, application

Primary Key(s): I_LIBRARY_ID, I_APPLICATION_ID, I_PROP_DEF_DIMENSION_ID, I_PROP_DEF_MEMBER_ID

Field	Type	Nulls?	Comments
I_LIBRARY_ID	NUMBER (38)	No	- indicates what library contains the application that is being assigned this property value - corresponds to DS_Library.i_library_id
I_APPLICATION_ID	NUMBER (38)	No	- which application the dimension member is associated with (defaults to 1 which identifies the Master Application) - corresponds to DS_Application.i_application_id
I_PROP_DEF_DIMENSION_ID	NUMBER (38)	No	- identifies which metadata dimension contains the property definition that this property is associated with - corresponds to DS_Dimension.i_dimension_id
I_PROP_DEF_MEMBER_ID	NUMBER (38)	No	- identifies which member in the metadata dimension is the property definition that this property is associated with - corresponds to DS_Member.i_member_id
C_PROPERTY_VALUE	NVARCHAR2 (2000)	Yes	- the property value

Index Name	Type	Unique	Fields
IDXPROPAPP01	NORMAL	No	I_LIBRARY_ID, I_APPLICATION_ID
IDXPROPAPP02	NORMAL	No	I_LIBRARY_ID, I_PROP_DEF_DIMENSION_ID, I_PROP_DEF_MEMBER_ID

Index Name	Type	Unique	Fields
PK_PROPAPP	NORMAL	Yes	I_LIBRARY_ID, I_APPLICATION_ID, I_PROP_DEF_DIMENSION_ID, I_PROP_DEF_MEMBER_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK_PROPAPP01	I_LIBRARY_ID	PS4EPMA	DS_APPLICATION
FK_PROPAPP01	I_APPLICATION_ID	PS4EPMA	DS_APPLICATION
FK_PROPAPP02	I_LIBRARY_ID	PS4EPMA	DS_MEMBER
FK_PROPAPP02	I_PROP_DEF_DIMENSION_ID	PS4EPMA	DS_MEMBER
FK_PROPAPP02	I_PROP_DEF_MEMBER_ID	PS4EPMA	DS_MEMBER

No External Foreign Keys

No Enabled Triggers

DS_PROPERTY_APPLICATION_ARRAY

- contains application-level property values for the following property types - Member, MemberArray, StringMap - one row represents one application-level property value array element - for properties where DimensionGlobal is True - property values that go with a parent-child relationship as opposed to values that go with the member - for shared members, the same member can exist multiple times in the same dimension, but with different parents, depends on the property definition - specific to a library, application

Primary Key(s): I_LIBRARY_ID, I_APPLICATION_ID, I_REF_DIMENSION_ID, I_REF_MEMBER_ID, I_PROP_DEF_DIMENSION_ID, I_PROP_DEF_MEMBER_ID

Field	Type	Nulls?	Comments
I_LIBRARY_ID	NUMBER (38)	No	- indicates what library contains the application that is being assigned this property value - corresponds to DS_Library.i_library_id
I_APPLICATION_ID	NUMBER (38)	No	- which application the dimension member is associated with (defaults to 1 which identifies the Master Application) - corresponds to DS_Application.i_application_id
I_REF_DIMENSION_ID	NUMBER (38)	No	- the dimension that contains the member being referenced - corresponds to DS_Dimension.i_dimension_id
I_REF_MEMBER_ID	NUMBER (38)	No	- the member being referenced - corresponds to DS_Member.i_member_id

Field	Type	Nulls?	Comments
I_PROP_DEF_DIMENSION_ID	NUMBER (38)	No	- identifies which metadata dimension contains the property definition that this property is associated with - corresponds to DS_Dimension.i_dimension_id
I_PROP_DEF_MEMBER_ID	NUMBER (38)	No	- identifies which member in the metadata dimension is the property definition that this property is associated with - corresponds to DS_Member.i_member_id
C_VALUE	NVARCHAR2 (2000)	Yes	- the property value when applicable

Index Name	Type	Unique	Fields
IDXPROPAPPARR01	NORMAL	No	I_LIBRARY_ID, I_PROP_DEF_DIMENSION_ID, I_PROP_DEF_MEMBER_ID
IDXPROPAPPARR02	NORMAL	No	I_LIBRARY_ID, I_APPLICATION_ID
IDXPROPAPPARR03	NORMAL	No	I_LIBRARY_ID, I_REF_DIMENSION_ID, I_REF_MEMBER_ID
PK_PROPAPPARR	NORMAL	Yes	I_LIBRARY_ID, I_APPLICATION_ID, I_REF_DIMENSION_ID, I_REF_MEMBER_ID, I_PROP_DEF_DIMENSION_ID, I_PROP_DEF_MEMBER_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK_PROPAPPARR01	I_LIBRARY_ID	PS4EPMA	DS_MEMBER
FK_PROPAPPARR01	I_PROP_DEF_DIMENSION_ID	PS4EPMA	DS_MEMBER
FK_PROPAPPARR01	I_PROP_DEF_MEMBER_ID	PS4EPMA	DS_MEMBER
FK_PROPAPPARR02	I_LIBRARY_ID	PS4EPMA	DS_APPLICATION
FK_PROPAPPARR02	I_APPLICATION_ID	PS4EPMA	DS_APPLICATION
FK_PROPAPPARR03	I_LIBRARY_ID	PS4EPMA	DS_MEMBER
FK_PROPAPPARR03	I_REF_DIMENSION_ID	PS4EPMA	DS_MEMBER
FK_PROPAPPARR03	I_REF_MEMBER_ID	PS4EPMA	DS_MEMBER

No External Foreign Keys

No Enabled Triggers

DS_PROPERTY_APPLICATION_REF

- contains application associations for a property of an application - one row represents one application association - specific to a library, application

Primary Key(s): I_LIBRARY_ID, I_APPLICATION_ID, I_PROP_DEF_DIMENSION_ID, I_PROP_DEF_MEMBER_ID

Field	Type	Nulls?	Comments
I_LIBRARY_ID	NUMBER (38)	No	- indicates what library contains the application that is being assigned this property value - corresponds to DS_Library.i_library_id
I_APPLICATION_ID	NUMBER (38)	No	- which application the association applies to - corresponds to DS_Application.i_application_id
I_PROP_DEF_DIMENSION_ID	NUMBER (38)	No	- identifies which metadata dimension contains the property definition that this property is associated with - corresponds to DS_Dimension.i_dimension_id
I_PROP_DEF_MEMBER_ID	NUMBER (38)	No	- identifies which member in the metadata dimension is the property definition that this property is associated with - corresponds to DS_Member.i_member_id
I_REF_DIMENSION_ID	NUMBER (38)	No	- the dimension that is being referenced - corresponds to DS_Dimension.i_dimension_id

Index Name	Type	Unique	Fields
IDXPAPPREF01	NORMAL	No	I_LIBRARY_ID, I_APPLICATION_ID
IDXPAPPREF02	NORMAL	No	I_LIBRARY_ID, I_PROP_DEF_DIMENSION_ID, I_PROP_DEF_MEMBER_ID
PK_PAPPREF	NORMAL	Yes	I_LIBRARY_ID, I_APPLICATION_ID, I_PROP_DEF_DIMENSION_ID, I_PROP_DEF_MEMBER_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK_PAPPREF01	I_LIBRARY_ID	PS4EPMA	DS_APPLICATION
FK_PAPPREF01	I_APPLICATION_ID	PS4EPMA	DS_APPLICATION
FK_PAPPREF02	I_LIBRARY_ID	PS4EPMA	DS_MEMBER
FK_PAPPREF02	I_PROP_DEF_DIMENSION_ID	PS4EPMA	DS_MEMBER
FK_PAPPREF02	I_PROP_DEF_MEMBER_ID	PS4EPMA	DS_MEMBER

No External Foreign Keys

No Enabled Triggers

DS_PROPERTY_DIMENSION

- contains dimension-level property values for the following property types - String, Boolean, Float, Integer, DateTime, StringEnumeration, ListGroup, StringArray - one row represents one dimension-

level property value - for properties where DimensionGlobal is True - specific to a library, dimension, application

Primary Key(s): I_LIBRARY_ID, I_DIMENSION_ID, I_APPLICATION_ID, I_PROP_DEF_DIMENSION_ID, I_PROP_DEF_MEMBER_ID

Field	Type	Nulls?	Comments
I_LIBRARY_ID	NUMBER (38)	No	- indicates what library contains the dimension that is being assigned this property value - corresponds to DS_Library.i_library_id
I_DIMENSION_ID	NUMBER (38)	No	- the dimension in question - corresponds to DS_Dimension.i_dimension_id
I_APPLICATION_ID	NUMBER (38)	No	- identifies the application this dimension is associated with (defaults to 1 which identifies the Master Application) - corresponds to DS_Application.i_application_id
I_PROP_DEF_DIMENSION_ID	NUMBER (38)	No	- identifies which metadata dimension contains the property definition that this property is associated with - corresponds to DS_Dimension.i_dimension_id
I_PROP_DEF_MEMBER_ID	NUMBER (38)	No	- identifies which member in the metadata dimension is the property definition that this property is associated with - corresponds to DS_Member.i_member_id
C_PROPERTY_VALUE	NVARCHAR2 (2000)	Yes	- the property value

Index Name	Type	Unique	Fields
IDXPROPDIM01	NORMAL	No	I_LIBRARY_ID, I_APPLICATION_ID
IDXPROPDIM02	NORMAL	No	I_LIBRARY_ID, I_DIMENSION_ID
IDXPROPDIM03	NORMAL	No	I_LIBRARY_ID, I_PROP_DEF_DIMENSION_ID, I_PROP_DEF_MEMBER_ID
PK_PROPDIM	NORMAL	Yes	I_LIBRARY_ID, I_DIMENSION_ID, I_APPLICATION_ID, I_PROP_DEF_DIMENSION_ID, I_PROP_DEF_MEMBER_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK_PROPDIM01	I_LIBRARY_ID	PS4EPMA	DS_APPLICATION
FK_PROPDIM01	I_APPLICATION_ID	PS4EPMA	DS_APPLICATION
FK_PROPDIM02	I_LIBRARY_ID	PS4EPMA	DS_DIMENSION
FK_PROPDIM02	I_DIMENSION_ID	PS4EPMA	DS_DIMENSION
FK_PROPDIM03	I_LIBRARY_ID	PS4EPMA	DS_MEMBER
FK_PROPDIM03	I_PROP_DEF_DIMENSION_ID	PS4EPMA	DS_MEMBER
FK_PROPDIM03	I_PROP_DEF_MEMBER_ID	PS4EPMA	DS_MEMBER

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
	_ID		

No External Foreign Keys

No Enabled Triggers

DS_PROPERTY_DIMENSION_ARRAY

- contains dimension-level property values for the following property types - Member, MemberArray, StringMap - one row represents one dimension-level property value array element - for properties where DimensionGlobal is True - property values that go with a parent-child relationship as opposed to values that go with the member - for shared members, the same member can exist multiple times in the same dimension, but with different parents, depends on the property definition - specific to a library, dimension, application

Primary Key(s): I_LIBRARY_ID, I_DIMENSION_ID, I_REF_DIMENSION_ID, I_APPLICATION_ID, I_REF_MEMBER_ID, I_PROP_DEF_DIMENSION_ID, I_PROP_DEF_MEMBER_ID

Field	Type	Nulls?	Comments
I_LIBRARY_ID	NUMBER (38)	No	- indicates what library contains the dimension that is being assigned this property value - corresponds to DS_Library.i_library_id
I_DIMENSION_ID	NUMBER (38)	No	- the dimension to which this member belongs - corresponds to DS_Dimension.i_dimension_id
I_REF_DIMENSION_ID	NUMBER (38)	No	- the dimension that contains the member being referenced - corresponds to DS_Dimension.i_dimension_id
I_APPLICATION_ID	NUMBER (38)	No	- identifies the application this dimension is associated with (defaults to 1 which identifies the Master Application) - corresponds to DS_Application.i_application_id
I_REF_MEMBER_ID	NUMBER (38)	No	- the member being referenced - corresponds to DS_Member.i_member_id
I_PROP_DEF_DIMENSION_ID	NUMBER (38)	No	- identifies which metadata dimension contains the property definition that this property is associated with - corresponds to DS_Dimension.i_dimension_id
I_PROP_DEF_MEMBER_ID	NUMBER (38)	No	- identifies which member in the metadata dimension is the property definition that this property is associated with - corresponds to DS_Member.i_member_id
C_VALUE	NVARCHAR2 (2000)	Yes	- the property value when applicable

Index Name	Type	Unique	Fields
IDXPROPDIMARR01	NORMAL	No	I_LIBRARY_ID, I_APPLICATION_ID

Index Name	Type	Unique	Fields
IDXPROPDIMARR02	NORMAL	No	I_LIBRARY_ID, I_DIMENSION_ID
IDXPROPDIMARR03	NORMAL	No	I_LIBRARY_ID, I_PROP_DEF_DIMENSION_ID, I_PROP_DEF_MEMBER_ID
IDXPROPDIMARR04	NORMAL	No	I_LIBRARY_ID, I_REF_DIMENSION_ID, I_REF_MEMBER_ID
PK_PROPDIMARR	NORMAL	Yes	I_LIBRARY_ID, I_DIMENSION_ID, I_REF_DIMENSION_ID, I_APPLICATION_ID, I_REF_MEMBER_ID, I_PROP_DEF_DIMENSION_ID, I_PROP_DEF_MEMBER_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK_PROPDIMARR01	I_LIBRARY_ID	PS4EPMA	DS_APPLICATION
FK_PROPDIMARR01	I_APPLICATION_ID	PS4EPMA	DS_APPLICATION
FK_PROPDIMARR02	I_LIBRARY_ID	PS4EPMA	DS_DIMENSION
FK_PROPDIMARR02	I_DIMENSION_ID	PS4EPMA	DS_DIMENSION
FK_PROPDIMARR03	I_LIBRARY_ID	PS4EPMA	DS_MEMBER
FK_PROPDIMARR03	I_PROP_DEF_DIMENSION_ID	PS4EPMA	DS_MEMBER
FK_PROPDIMARR03	I_PROP_DEF_MEMBER_ID	PS4EPMA	DS_MEMBER
FK_PROPDIMARR04	I_LIBRARY_ID	PS4EPMA	DS_MEMBER
FK_PROPDIMARR04	I_REF_DIMENSION_ID	PS4EPMA	DS_MEMBER
FK_PROPDIMARR04	I_REF_MEMBER_ID	PS4EPMA	DS_MEMBER

No External Foreign Keys

No Enabled Triggers

DS_PROPERTY_DIMENSION_MEMO

- contains dimension-level property values - one row represents one dimension-level property value - for storing values of properties of type "Memo" - for properties where DimensionGlobal is True - specific to a library, dimension, application

Primary Key(s): I_LIBRARY_ID, I_DIMENSION_ID, I_APPLICATION_ID, I_PROP_DEF_DIMENSION_ID, I_PROP_DEF_MEMBER_ID

Field	Type	Nulls?	Comments
I_LIBRARY_ID	NUMBER (38)	No	- indicates what library contains the dimension that is being assigned this property value - corresponds to DS_Library.i_library_id

Field	Type	Nulls?	Comments
I_DIMENSION_ID	NUMBER (38)	No	- the dimension in question - corresponds to DS_Dimension.i_dimension_id
I_APPLICATION_ID	NUMBER (38)	No	- identifies the application this dimension is associated with (defaults to 1 which identifies the Master Application) - corresponds to DS_Application.i_application_id
I_PROP_DEF_DIMENSION_ID	NUMBER (38)	No	- identifies which metadata dimension contains the property definition that this property is associated with - corresponds to DS_Dimension.i_dimension_id
I_PROP_DEF_MEMBER_ID	NUMBER (38)	No	- identifies which member in the metadata dimension is the property definition that this property is associated with - corresponds to DS_Member.i_member_id
X_PROPERTY_VALUE	NCLOB	Yes	- the property value

Index Name	Type	Unique	Fields
IDXPROPDIMMEM01	NORMAL	No	I_LIBRARY_ID, I_PROP_DEF_DIMENSION_ID, I_PROP_DEF_MEMBER_ID
IDXPROPDIMMEM02	NORMAL	No	I_LIBRARY_ID, I_APPLICATION_ID
IDXPROPDIMMEM03	NORMAL	No	I_LIBRARY_ID, I_DIMENSION_ID
PK_PROPDIMMEM	NORMAL	Yes	I_LIBRARY_ID, I_DIMENSION_ID, I_APPLICATION_ID, I_PROP_DEF_DIMENSION_ID, I_PROP_DEF_MEMBER_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK_PROPDIMMEM01	I_LIBRARY_ID	PS4EPMA	DS_MEMBER
FK_PROPDIMMEM01	I_PROP_DEF_DIMENSION_ID	PS4EPMA	DS_MEMBER
FK_PROPDIMMEM01	I_PROP_DEF_MEMBER_ID	PS4EPMA	DS_MEMBER
FK_PROPDIMMEM02	I_LIBRARY_ID	PS4EPMA	DS_APPLICATION
FK_PROPDIMMEM02	I_APPLICATION_ID	PS4EPMA	DS_APPLICATION
FK_PROPDIMMEM03	I_LIBRARY_ID	PS4EPMA	DS_DIMENSION
FK_PROPDIMMEM03	I_DIMENSION_ID	PS4EPMA	DS_DIMENSION

No External Foreign Keys

No Enabled Triggers

DS_PROPERTY_DIMENSION_REF

- contains dimension associations for a property of a dimension - one row represents one dimension-level property reference - specific to a library, application, dimension

Primary Key(s): I_LIBRARY_ID, I_APPLICATION_ID, I_PROP_DEF_DIMENSION_ID, I_PROP_DEF_MEMBER_ID, I_DIMENSION_ID

Field	Type	Nulls?	Comments
I_LIBRARY_ID	NUMBER (38)	No	
I_APPLICATION_ID	NUMBER (38)	No	- which application the dimension is associated with (defaults to 1 which identifies the Master Application) - corresponds to DS_Application.i_application_id
I_PROP_DEF_DIMENSION_ID	NUMBER (38)	No	- identifies which metadata dimension contains the property definition that this property is associated with - corresponds to DS_Dimension.i_dimension_id
I_PROP_DEF_MEMBER_ID	NUMBER (38)	No	- identifies which member in the metadata dimension is the property definition that this property is associated with - corresponds to DS_Member.i_member_id
I_DIMENSION_ID	NUMBER (38)	No	- the dimension that contains the reference - corresponds to DS_Dimension.i_dimension_id
I_REF_DIMENSION_ID	NUMBER (38)	No	- the dimension that is being referenced - corresponds to DS_Dimension.i_dimension_id

Index Name	Type	Unique	Fields
IDXPROPDIMREF01	NORMAL	No	I_LIBRARY_ID, I_APPLICATION_ID
IDXPROPDIMREF02	NORMAL	No	I_LIBRARY_ID, I_DIMENSION_ID
IDXPROPDIMREF03	NORMAL	No	I_LIBRARY_ID, I_PROP_DEF_DIMENSION_ID, I_PROP_DEF_MEMBER_ID
IDXPROPDIMREF04	NORMAL	No	I_LIBRARY_ID, I_REF_DIMENSION_ID
PK_PROPDIMREF	NORMAL	Yes	I_LIBRARY_ID, I_APPLICATION_ID, I_PROP_DEF_DIMENSION_ID, I_PROP_DEF_MEMBER_ID, I_DIMENSION_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK_PROPDIMREF01	I_LIBRARY_ID	PS4EPMA	DS_APPLICATION
FK_PROPDIMREF01	I_APPLICATION_ID	PS4EPMA	DS_APPLICATION
FK_PROPDIMREF02	I_LIBRARY_ID	PS4EPMA	DS_DIMENSION
FK_PROPDIMREF02	I_DIMENSION_ID	PS4EPMA	DS_DIMENSION
FK_PROPDIMREF03	I_LIBRARY_ID	PS4EPMA	DS_MEMBER
FK_PROPDIMREF03	I_PROP_DEF_DIMENSION_ID	PS4EPMA	DS_MEMBER

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
	ON_ID		
FK_PROPDIMREF03	I_PROP_DEF_MEMBER_ID	PS4EPMA	DS_MEMBER
FK_PROPDIMREF04	I_LIBRARY_ID	PS4EPMA	DS_DIMENSION
FK_PROPDIMREF04	I_REF_DIMENSION_ID	PS4EPMA	DS_DIMENSION

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
FK_PROPMBRARR01	PS4EPMA	DS_PROPERTY_MEMBER_ARRAY	I_LIBRARY_ID
FK_PROPMBRARR01	PS4EPMA	DS_PROPERTY_MEMBER_ARRAY	I_DIMENSION_ID
FK_PROPMBRARR01	PS4EPMA	DS_PROPERTY_MEMBER_ARRAY	I_APPLICATION_ID
FK_PROPMBRARR01	PS4EPMA	DS_PROPERTY_MEMBER_ARRAY	I_PROP_DEF_DIMENSION_ID
FK_PROPMBRARR01	PS4EPMA	DS_PROPERTY_MEMBER_ARRAY	I_PROP_DEF_MEMBER_ID
FK_PROPRELARR01	PS4EPMA	DS_PROPERTY_RELATIONS_HIP_ARRAY	I_LIBRARY_ID
FK_PROPRELARR01	PS4EPMA	DS_PROPERTY_RELATIONS_HIP_ARRAY	I_APPLICATION_ID
FK_PROPRELARR01	PS4EPMA	DS_PROPERTY_RELATIONS_HIP_ARRAY	I_DIMENSION_ID
FK_PROPRELARR01	PS4EPMA	DS_PROPERTY_RELATIONS_HIP_ARRAY	I_PROP_DEF_DIMENSION_ID
FK_PROPRELARR01	PS4EPMA	DS_PROPERTY_RELATIONS_HIP_ARRAY	I_PROP_DEF_MEMBER_ID

No Enabled Triggers

DS_PROPERTY_LIBRARY

- this table is not currently being used - contains library-level property values for the following property types - String, Boolean, Float, Integer, DateTime, StringEnumeration, ListGroup, StringArray - one row represents one library-level property value - specific to a library

Primary Key(s): I_LIBRARY_ID, I_PROP_DEF_DIMENSION_ID, I_PROP_DEF_MEMBER_ID

Field	Type	Nulls?	Comments
I_LIBRARY_ID	NUMBER (38)	No	- indicates the library that is being assigned this property value - corresponds to DS_Library.i_library_id
I_PROP_DEF_DIMENSION_ID	NUMBER (38)	No	- identifies which metadata dimension contains the property definition that this property is associated with - corresponds to DS_Dimension.i_dimension_id

Field	Type	Nulls?	Comments
I_PROP_DEF_MEMBER_ID	NUMBER (38)	No	- identifies which member in the metadata dimension is the property definition that this property is associated with - corresponds to DS_Member.i_member_id
C_PROPERTY_VALUE	NVARCHAR2 (2000)	Yes	- the property value

Index Name	Type	Unique	Fields
PK_PROPLIB	NORMAL	Yes	I_LIBRARY_ID, I_PROP_DEF_DIMENSION_ID, I_PROP_DEF_MEMBER_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK_PROPLIB01	I_LIBRARY_ID	PS4EPMA	DS_MEMBER
FK_PROPLIB01	I_PROP_DEF_DIMENSION_ID	PS4EPMA	DS_MEMBER
FK_PROPLIB01	I_PROP_DEF_MEMBER_ID	PS4EPMA	DS_MEMBER
FK_PROPLIB02	I_LIBRARY_ID	PS4EPMA	DS_LIBRARY

No External Foreign Keys

No Enabled Triggers

DS_PROPERTY_MEMBER

- contains member-level property values for the following property types - String, Boolean, Float, Integer, DateTime, StringEnumeration, ListGroup, StringArray - one row represents one member-level property value - for properties where DimensionGlobal is True - specific to a library, dimension, application

Primary Key(s): I_LIBRARY_ID, I_DIMENSION_ID, I_APPLICATION_ID, I_MEMBER_ID, I_PROP_DEF_DIMENSION_ID, I_PROP_DEF_MEMBER_ID

Field	Type	Nulls?	Comments
I_LIBRARY_ID	NUMBER (38)	No	- indicates what library contains the member that is being assigned this property value - corresponds to DS_Library.i_library_id
I_DIMENSION_ID	NUMBER (38)	No	- the dimension to which this member belongs - corresponds to DS_Dimension.i_dimension_id
I_APPLICATION_ID	NUMBER (38)	No	- identifies the application this member is associated with (defaults to 1 which identifies the Master Application) - corresponds to DS_Application.i_application_id

Field	Type	Nulls?	Comments
I_MEMBER_ID	NUMBER (38)	No	- the dimension member for which the value is being stored - corresponds to DS_Member.i_member_id
I_PROP_DEF_DIMENSION_ID	NUMBER (38)	No	- identifies which metadata dimension contains the property definition that this property is associated with - corresponds to DS_Dimension.i_dimension_id
I_PROP_DEF_MEMBER_ID	NUMBER (38)	No	- identifies which member in the metadata dimension is the property definition that this property is associated with - corresponds to DS_Member.i_member_id
C_PROPERTY_VALUE	NVARCHAR2 (2000)	Yes	- the property value
B_LOCKED	NUMBER (1)	No	- defaults to False - this column is not being used at this time

Index Name	Type	Unique	Fields
IDXPROMBR01	NORMAL	No	I_LIBRARY_ID, I_APPLICATION_ID
IDXPROMBR02	NORMAL	No	I_LIBRARY_ID, I_PROP_DEF_DIMENSION_ID, I_PROP_DEF_MEMBER_ID
IDXPROMBR03	NORMAL	No	I_LIBRARY_ID, I_DIMENSION_ID, I_MEMBER_ID
PK_PROMBR	NORMAL	Yes	I_LIBRARY_ID, I_DIMENSION_ID, I_APPLICATION_ID, I_MEMBER_ID, I_PROP_DEF_DIMENSION_ID, I_PROP_DEF_MEMBER_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK_PROMBR01	I_LIBRARY_ID	PS4EPMA	DS_APPLICATION
FK_PROMBR01	I_APPLICATION_ID	PS4EPMA	DS_APPLICATION
FK_PROMBR02	I_LIBRARY_ID	PS4EPMA	DS_MEMBER
FK_PROMBR02	I_PROP_DEF_DIMENSION_ID	PS4EPMA	DS_MEMBER
FK_PROMBR02	I_PROP_DEF_MEMBER_ID	PS4EPMA	DS_MEMBER
FK_PROMBR03	I_LIBRARY_ID	PS4EPMA	DS_MEMBER
FK_PROMBR03	I_DIMENSION_ID	PS4EPMA	DS_MEMBER
FK_PROMBR03	I_MEMBER_ID	PS4EPMA	DS_MEMBER

No External Foreign Keys

No Enabled Triggers

DS_PROPERTY_MEMBER_ARRAY

- contains member-level property values for the following property types - Member, MemberArray, StringMap - one row represents one member-level property value array element - for properties where DimensionGlobal is True - property values that go with a parent-child relationship as opposed to values that go with the member - for shared members, the same member can exist multiple times in the same dimension, but with different parents, depends on the property definition - specific to a library, dimension, application

Primary Key(s): I_LIBRARY_ID, I_DIMENSION_ID, I_MEMBER_ID, I_APPLICATION_ID, I_REF_DIMENSION_ID, I_REF_MEMBER_ID, I_PROP_DEF_DIMENSION_ID, I_PROP_DEF_MEMBER_ID

Field	Type	Nulls?	Comments
I_LIBRARY_ID	NUMBER (38)	No	- indicates what library contains the member that is being assigned this property value - corresponds to DS_Library.i_library_id
I_DIMENSION_ID	NUMBER (38)	No	- the dimension to which this member belongs - corresponds to DS_Dimension.i_dimension_id
I_MEMBER_ID	NUMBER (38)	No	- the dimension member for which the value is being stored - corresponds to DS_Member.i_member_id
I_REF_DIMENSION_ID	NUMBER (38)	No	- the dimension that contains the member being referenced - corresponds to DS_Dimension.i_dimension_id
I_APPLICATION_ID	NUMBER (38)	No	- identifies the application this member is associated with (defaults to 1 which identifies the Master Application) - corresponds to DS_Application.i_application_id
I_REF_MEMBER_ID	NUMBER (38)	No	- the member being referenced - corresponds to DS_Member.i_member_id
I_PROP_DEF_DIMENSION_ID	NUMBER (38)	No	- identifies which metadata dimension contains the property definition that this property is associated with - corresponds to DS_Dimension.i_dimension_id
I_PROP_DEF_MEMBER_ID	NUMBER (38)	No	- identifies which member in the metadata dimension is the property definition that this property is associated with - corresponds to DS_Member.i_member_id
C_VALUE	NVARCHAR2 (2000)	Yes	- the property value when applicable

Index Name	Type	Unique	Fields
IDXPROPMBRARR01	NORMAL	No	I_LIBRARY_ID, I_APPLICATION_ID, I_PROP_DEF_DIMENSION_ID, I_PROP_DEF_MEMBER_ID, I_DIMENSION_ID
IDXPROPMBRARR02	NORMAL	No	I_LIBRARY_ID, I_DIMENSION_ID, I_MEMBER_ID
IDXPROPMBRARR03	NORMAL	No	I_LIBRARY_ID, I_REF_DIMENSION_ID, I_REF_MEMBER_ID

Index Name	Type	Unique	Fields
IDXPROPMBRARR04	NORMAL	No	I_LIBRARY_ID, I_PROP_DEF_DIMENSION_ID, I_PROP_DEF_MEMBER_ID
PK_PROPMBRARR	NORMAL	Yes	I_LIBRARY_ID, I_DIMENSION_ID, I_MEMBER_ID, I_APPLICATION_ID, I_REF_DIMENSION_ID, I_REF_MEMBER_ID, I_PROP_DEF_DIMENSION_ID, I_PROP_DEF_MEMBER_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK_PROPMBRARR01	I_LIBRARY_ID	PS4EPMA	DS_PROPERTY_DIMENSION_REF
FK_PROPMBRARR01	I_DIMENSION_ID	PS4EPMA	DS_PROPERTY_DIMENSION_REF
FK_PROPMBRARR01	I_APPLICATION_ID	PS4EPMA	DS_PROPERTY_DIMENSION_REF
FK_PROPMBRARR01	I_PROP_DEF_DIMENSION_ID	PS4EPMA	DS_PROPERTY_DIMENSION_REF
FK_PROPMBRARR01	I_PROP_DEF_MEMBER_ID	PS4EPMA	DS_PROPERTY_DIMENSION_REF
FK_PROPMBRARR02	I_LIBRARY_ID	PS4EPMA	DS_MEMBER
FK_PROPMBRARR02	I_DIMENSION_ID	PS4EPMA	DS_MEMBER
FK_PROPMBRARR02	I_MEMBER_ID	PS4EPMA	DS_MEMBER
FK_PROPMBRARR03	I_LIBRARY_ID	PS4EPMA	DS_MEMBER
FK_PROPMBRARR03	I_REF_DIMENSION_ID	PS4EPMA	DS_MEMBER
FK_PROPMBRARR03	I_REF_MEMBER_ID	PS4EPMA	DS_MEMBER
FK_PROPMBRARR04	I_LIBRARY_ID	PS4EPMA	DS_MEMBER
FK_PROPMBRARR04	I_PROP_DEF_DIMENSION_ID	PS4EPMA	DS_MEMBER
FK_PROPMBRARR04	I_PROP_DEF_MEMBER_ID	PS4EPMA	DS_MEMBER

No External Foreign Keys

No Enabled Triggers

DS_PROPERTY_MEMBER_DIMENSION

- member-level properties that contain references to dimensions (i.e. SmartList property) - property values that go with the member rather than a parent-child relationship - one row represents one member-level dimension reference - for storing values of properties of type DimensionArray - for properties where DimensionGlobal is True - specific to a library, application, dimension

**Primary Key(s): I_LIBRARY_ID, I_DIMENSION_ID, I_MEMBER_ID,
I_REF_DIMENSION_ID, I_APPLICATION_ID, I_PROP_DEF_DIMENSION_ID,
I_PROP_DEF_MEMBER_ID**

Field	Type	Nulls?	Comments
I_LIBRARY_ID	NUMBER (38)	No	- indicates what library contains the member that is being assigned this property value - corresponds to DS_Library.i_library_id
I_DIMENSION_ID	NUMBER (38)	No	- the dimension to which this member belongs - corresponds to DS_Dimension.i_dimension_id
I_MEMBER_ID	NUMBER (38)	No	- the dimension member for which the value is being stored - corresponds to DS_Member.i_member_id
I_REF_DIMENSION_ID	NUMBER (38)	No	- the dimension that is being referenced - corresponds to DS_Dimension.i_dimension_id
I_APPLICATION_ID	NUMBER (38)	No	- identifies the application this member is associated with (defaults to 1 which identifies the Master Application) - corresponds to DS_Application.i_application_id
I_PROP_DEF_DIMENSION_ID	NUMBER (38)	No	- identifies which metadata dimension contains the property definition that this property is associated with - corresponds to DS_Dimension.i_dimension_id
I_PROP_DEF_MEMBER_ID	NUMBER (38)	No	- identifies which member in the metadata dimension is the property definition that this property is associated with - corresponds to DS_Member.i_member_id

Index Name	Type	Unique	Fields
IDXPROPMBRDIM02	NORMAL	No	I_LIBRARY_ID, I_REF_DIMENSION_ID
IDXPROPMBRDIM03	NORMAL	No	I_LIBRARY_ID, I_DIMENSION_ID, I_MEMBER_ID
IDXPROPMBRDIM04	NORMAL	No	I_LIBRARY_ID, I_PROP_DEF_DIMENSION_ID, I_PROP_DEF_MEMBER_ID
IDXPROPMBRDIM01	NORMAL	No	I_LIBRARY_ID, I_APPLICATION_ID
PK_PROPMBRDIM	NORMAL	Yes	I_LIBRARY_ID, I_DIMENSION_ID, I_MEMBER_ID, I_REF_DIMENSION_ID, I_APPLICATION_ID, I_PROP_DEF_DIMENSION_ID, I_PROP_DEF_MEMBER_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK_PROPMBRDIM01	I_LIBRARY_ID	PS4EPMA	DS_APPLICATION
FK_PROPMBRDIM01	I_APPLICATION_ID	PS4EPMA	DS_APPLICATION
FK_PROPMBRDIM02	I_LIBRARY_ID	PS4EPMA	DS_DIMENSION

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK_PROPMBRDIM02	I_REF_DIMENSION_ID	PS4EPMA	DS_DIMENSION
FK_PROPMBRDIM03	I_LIBRARY_ID	PS4EPMA	DS_MEMBER
FK_PROPMBRDIM03	I_DIMENSION_ID	PS4EPMA	DS_MEMBER
FK_PROPMBRDIM03	I_MEMBER_ID	PS4EPMA	DS_MEMBER
FK_PROPMBRDIM04	I_LIBRARY_ID	PS4EPMA	DS_MEMBER
FK_PROPMBRDIM04	I_PROP_DEF_DIMENSION_ID	PS4EPMA	DS_MEMBER
FK_PROPMBRDIM04	I_PROP_DEF_MEMBER_ID	PS4EPMA	DS_MEMBER

No External Foreign Keys

No Enabled Triggers

DS_PROPERTY_MEMBER_MAP

- this table is not being used at this time and will most likely be removed in a future release - was originally created to support properties of type "Mapping" for the "dimension mappings" feature, however, this feature was shelved and there is currently no plan in place to revive it

Primary Key(s): I_LIBRARY_ID, I_DIMENSION_ID, I_PROP_DEF_DIMENSION_ID, I_PROP_DEF_MEMBER_ID, I_MEMBER_ID

Field	Type	Nulls?	Comments
I_LIBRARY_ID	NUMBER (38)	No	- indicates what library contains the member that is being assigned this property value - corresponds to DS_Library.i_library_id
I_DIMENSION_ID	NUMBER (38)	No	- the dimension to which this member belongs - corresponds to DS_Dimension.i_dimension_id
I_MEMBER_ID	NUMBER (38)	No	- the dimension member for which the value is being stored - corresponds to DS_Member.i_member_id
I_PROP_DEF_DIMENSION_ID	NUMBER (38)	No	- identifies which metadata dimension contains the property definition that this property is associated with - corresponds to DS_Dimension.i_dimension_id
I_PROP_DEF_MEMBER_ID	NUMBER (38)	No	- identifies which member in the metadata dimension is the property definition that this property is associated with - corresponds to DS_Member.i_member_id
I_REF_DIMENSION_ID	NUMBER (38)	Yes	- the dimension that contains the member being referenced - corresponds to DS_Dimension.i_dimension_id
I_REF_MEMBER_ID	NUMBER (38)	Yes	- the member being referenced - corresponds to DS_Member.i_member_id
C_PROPERTY_VALUE	NVARCHAR2 (2000)	Yes	- the property value

Field	Type	Nulls?	Comments
C_MATCH_TYPE	NVARCHAR2 (30)	Yes	- the type of match stored in a Mapping property - possible values are - MatchOne - represents a binding to one specific member or property value - ExclusiveMatchAll - represents a binding to all members or property values in the dimension - MatchAll - represents a binding to all members or property values that are not otherwise specified using a MatchOne match type

Index Name	Type	Unique	Fields
IDXPROMBRMAP02	NORMAL	No	I_LIBRARY_ID, I_DIMENSION_ID, I_MEMBER_ID
IDXPROMBRMAP03	NORMAL	No	I_LIBRARY_ID, I_REF_DIMENSION_ID, I_REF_MEMBER_ID
IDXPROMBRMAP01	NORMAL	No	I_LIBRARY_ID, I_PROP_DEF_DIMENSION_ID, I_PROP_DEF_MEMBER_ID
PK_PROPMBRMAP	NORMAL	Yes	I_LIBRARY_ID, I_DIMENSION_ID, I_PROP_DEF_DIMENSION_ID, I_PROP_DEF_MEMBER_ID, I_MEMBER_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK_PROPMBRMAP01	I_LIBRARY_ID	PS4EPMA	DS_MEMBER
FK_PROPMBRMAP01	I_PROP_DEF_DIMENSION_ID	PS4EPMA	DS_MEMBER
FK_PROPMBRMAP01	I_PROP_DEF_MEMBER_ID	PS4EPMA	DS_MEMBER
FK_PROPMBRMAP02	I_LIBRARY_ID	PS4EPMA	DS_MEMBER
FK_PROPMBRMAP02	I_DIMENSION_ID	PS4EPMA	DS_MEMBER
FK_PROPMBRMAP02	I_MEMBER_ID	PS4EPMA	DS_MEMBER
FK_PROPMBRMAP03	I_LIBRARY_ID	PS4EPMA	DS_MEMBER
FK_PROPMBRMAP03	I_REF_DIMENSION_ID	PS4EPMA	DS_MEMBER
FK_PROPMBRMAP03	I_REF_MEMBER_ID	PS4EPMA	DS_MEMBER

No External Foreign Keys

No Enabled Triggers

DS_PROPERTY_MEMBER_MEMO

- contains member-level property values - one row represents one property value - for storing values of properties of type "Memo" - for properties where DimensionGlobal is True - specific to a library, dimension, application

Primary Key(s): I_LIBRARY_ID, I_DIMENSION_ID, I_APPLICATION_ID, I_MEMBER_ID, I_PROP_DEF_DIMENSION_ID, I_PROP_DEF_MEMBER_ID

Field	Type	Nulls?	Comments
I_LIBRARY_ID	NUMBER (38)	No	- indicates what library contains the member that is being assigned this property value - corresponds to DS_Library.i_library_id
I_DIMENSION_ID	NUMBER (38)	No	- the dimension to which this member belongs - corresponds to DS_Dimension.i_dimension_id
I_APPLICATION_ID	NUMBER (38)	No	- identifies the application this member is associated with (defaults to 1 which identifies the Master Application) - corresponds to DS_Application.i_application_id
I_MEMBER_ID	NUMBER (38)	No	- the dimension member for which the value is being stored - corresponds to DS_Member.i_member_id
I_PROP_DEF_DIMENSION_ID	NUMBER (38)	No	- identifies which metadata dimension contains the property definition that this property is associated with - corresponds to DS_Dimension.i_dimension_id
I_PROP_DEF_MEMBER_ID	NUMBER (38)	No	- identifies which member in the metadata dimension is the property definition that this property is associated with - corresponds to DS_Member.i_member_id
X_PROPERTY_VALUE	NCLOB	Yes	- the property value

Index Name	Type	Unique	Fields
IDXPROMBRMEM01	NORMAL	No	I_LIBRARY_ID, I_APPLICATION_ID
IDXPROMBRMEM02	NORMAL	No	I_LIBRARY_ID, I_PROP_DEF_DIMENSION_ID, I_PROP_DEF_MEMBER_ID
IDXPROMBRMEM03	NORMAL	No	I_LIBRARY_ID, I_DIMENSION_ID, I_MEMBER_ID
PK_PROPMBRMEM	NORMAL	Yes	I_LIBRARY_ID, I_DIMENSION_ID, I_APPLICATION_ID, I_MEMBER_ID, I_PROP_DEF_DIMENSION_ID, I_PROP_DEF_MEMBER_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK_PROPMBRMEM01	I_LIBRARY_ID	PS4EPMA	DS_APPLICATION
FK_PROPMBRMEM01	I_APPLICATION_ID	PS4EPMA	DS_APPLICATION
FK_PROPMBRMEM02	I_LIBRARY_ID	PS4EPMA	DS_MEMBER
FK_PROPMBRMEM02	I_PROP_DEF_DIMENSION_ID	PS4EPMA	DS_MEMBER
FK_PROPMBRMEM02	I_PROP_DEF_MEMBER_ID	PS4EPMA	DS_MEMBER

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK_PROPMBRMEM03	I_LIBRARY_ID	PS4EPMA	DS_MEMBER
FK_PROPMBRMEM03	I_DIMENSION_ID	PS4EPMA	DS_MEMBER
FK_PROPMBRMEM03	I_MEMBER_ID	PS4EPMA	DS_MEMBER

No External Foreign Keys

No Enabled Triggers

DS_PROPERTY_RELATIONSHIP

- contains member-level property values for the following property types - String, Boolean, Float, Integer, DateTime, StringEnumeration, ListGroup, StringArray - one row represents one member-level property value - for properties where DimensionGlobal is False - property values that go with a parent-child relationship as opposed to values that go with the member - for shared members, the same child member can appear multiple times in the same dimension, but with different parents, depends on the property definition - specific to a library, dimension, application

Primary Key(s): I_LIBRARY_ID, I_APPLICATION_ID, I_PROP_DEF_DIMENSION_ID, I_PROP_DEF_MEMBER_ID, I_DIMENSION_ID, I_PARENT_MEMBER_ID, I_CHILD_MEMBER_ID

Field	Type	Nulls?	Comments
I_LIBRARY_ID	NUMBER (38)	No	- indicates what library contains the parent and child members whose relationship is being assigned this property value - corresponds to DS_Library.i_library_id
I_APPLICATION_ID	NUMBER (38)	No	- identifies the application the parent and child members are associated with (defaults to 1 which identifies the Master Application) - corresponds to DS_Application.i_application_id
I_PROP_DEF_DIMENSION_ID	NUMBER (38)	No	- identifies which metadata dimension contains the property definition that this property is associated with - corresponds to DS_Dimension.i_dimension_id
I_PROP_DEF_MEMBER_ID	NUMBER (38)	No	- identifies which member in the metadata dimension is the property definition that this property is associated with - corresponds to DS_Member.i_member_id
I_DIMENSION_ID	NUMBER (38)	No	- the dimension to which the parent and child members belong - corresponds to DS_Dimension.i_dimension_id
I_PARENT_MEMBER_ID	NUMBER (38)	No	- the parent member in the relationship for which the value is being stored - corresponds to DS_Member.i_member_id
I_CHILD_MEMBER_ID	NUMBER (38)	No	- the child member in the relationship for which the value is being stored - corresponds to DS_Member.i_member_id
C_PROPERTY_VALUE	NVARCHAR2 (2000)	Yes	- the property value

Field	Type	Nulls?	Comments
B_LOCKED	NUMBER (1)	Yes	- defaults to False - this column is not being used at this time

Index Name	Type	Unique	Fields
IDXPROPREL01	NORMAL	No	I_LIBRARY_ID, I_APPLICATION_ID
IDXPROPREL02	NORMAL	No	I_LIBRARY_ID, I_PROP_DEF_DIMENSION_ID, I_PROP_DEF_MEMBER_ID
IDXPROPREL03	NORMAL	No	I_LIBRARY_ID, I_DIMENSION_ID, I_PARENT_MEMBER_ID, I_CHILD_MEMBER_ID
PK_PROPREL	NORMAL	Yes	I_LIBRARY_ID, I_APPLICATION_ID, I_PROP_DEF_DIMENSION_ID, I_PROP_DEF_MEMBER_ID, I_DIMENSION_ID, I_PARENT_MEMBER_ID, I_CHILD_MEMBER_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK_PROPREL01	I_LIBRARY_ID	PS4EPMA	DS_APPLICATION
FK_PROPREL01	I_APPLICATION_ID	PS4EPMA	DS_APPLICATION
FK_PROPREL02	I_LIBRARY_ID	PS4EPMA	DS_MEMBER
FK_PROPREL02	I_PROP_DEF_DIMENSION_ID	PS4EPMA	DS_MEMBER
FK_PROPREL02	I_PROP_DEF_MEMBER_ID	PS4EPMA	DS_MEMBER
FK_PROPREL03	I_LIBRARY_ID	PS4EPMA	DS_RELATIONSHIP
FK_PROPREL03	I_DIMENSION_ID	PS4EPMA	DS_RELATIONSHIP
FK_PROPREL03	I_PARENT_MEMBER_ID	PS4EPMA	DS_RELATIONSHIP
FK_PROPREL03	I_CHILD_MEMBER_ID	PS4EPMA	DS_RELATIONSHIP

No External Foreign Keys

No Enabled Triggers

DS_PROPERTY_RELATIONSHIP_ARRAY

- contains member-level property values for the following property types - Member, MemberArray, StringMap - one row represents one member-level property value array element - for properties where DimensionGlobal is False - property values that go with a parent-child relationship as opposed to values that go with the member - for shared members, the same child member can appear multiple times in the same dimension, but with different parents, depends on the property definition - specific to a library, dimension, application

Primary Key(s): I_LIBRARY_ID, I_APPLICATION_ID, I_DIMENSION_ID, I_PROP_DEF_DIMENSION_ID, I_PROP_DEF_MEMBER_ID, I_PARENT_MEMBER_ID, I_CHILD_MEMBER_ID, I_REF_DIMENSION_ID, I_REF_MEMBER_ID

Field	Type	Nulls?	Comments
I_LIBRARY_ID	NUMBER (38)	No	- indicates what library contains the parent and child members whose relationship is being assigned this property value - corresponds to DS_Library.i_library_id
I_APPLICATION_ID	NUMBER (38)	No	- identifies the application the parent and child members are associated with (defaults to 1 which identifies the Master Application) - corresponds to DS_Application.i_application_id
I_DIMENSION_ID	NUMBER (38)	No	- the dimension to which the parent and child members belong - corresponds to DS_Dimension.i_dimension_id
I_PROP_DEF_DIMENSION_ID	NUMBER (38)	No	- identifies which metadata dimension contains the property definition that this property is associated with - corresponds to DS_Dimension.i_dimension_id
I_PROP_DEF_MEMBER_ID	NUMBER (38)	No	- identifies which member in the metadata dimension is the property definition that this property is associated with - corresponds to DS_Member.i_member_id
I_PARENT_MEMBER_ID	NUMBER (38)	No	- the parent member in the relationship for which the value is being stored - corresponds to DS_Member.i_member_id
I_CHILD_MEMBER_ID	NUMBER (38)	No	- the child member in the relationship for which the value is being stored - corresponds to DS_Member.i_member_id
I_REF_DIMENSION_ID	NUMBER (38)	No	- the dimension that contains the member being referenced - corresponds to DS_Dimension.i_dimension_id
I_REF_MEMBER_ID	NUMBER (38)	No	- the member being referenced - corresponds to DS_Member.i_member_id
C_VALUE	NVARCHAR2 (2000)	Yes	- the property value when applicable

Index Name	Type	Unique	Fields
IDXPROPRELARR01	NORMAL	No	I_LIBRARY_ID, I_APPLICATION_ID, I_PROP_DEF_DIMENSION_ID, I_PROP_DEF_MEMBER_ID, I_DIMENSION_ID
IDXPROPRELARR02	NORMAL	No	I_LIBRARY_ID, I_DIMENSION_ID, I_PARENT_MEMBER_ID, I_CHILD_MEMBER_ID
IDXPROPRELARR03	NORMAL	No	I_LIBRARY_ID, I_REF_DIMENSION_ID, I_REF_MEMBER_ID
IDXPROPRELARR04	NORMAL	No	I_LIBRARY_ID, I_PROP_DEF_DIMENSION_ID, I_PROP_DEF_MEMBER_ID
PK_PROPRELARR	NORMAL	Yes	I_LIBRARY_ID, I_APPLICATION_ID, I_DIMENSION_ID, I_PROP_DEF_DIMENSION_ID, I_PROP_DEF_MEMBER_ID,

Index Name	Type	Unique	Fields
			I_PARENT_MEMBER_ID, I_CHILD_MEMBER_ID, I_REF_DIMENSION_ID, I_REF_MEMBER_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK_PROPRELARR01	I_LIBRARY_ID	PS4EPMA	DS_PROPERTY_DIMENSION_REF
FK_PROPRELARR01	I_APPLICATION_ID	PS4EPMA	DS_PROPERTY_DIMENSION_REF
FK_PROPRELARR01	I_DIMENSION_ID	PS4EPMA	DS_PROPERTY_DIMENSION_REF
FK_PROPRELARR01	I_PROP_DEF_DIMENSION_ID	PS4EPMA	DS_PROPERTY_DIMENSION_REF
FK_PROPRELARR01	I_PROP_DEF_MEMBER_ID	PS4EPMA	DS_PROPERTY_DIMENSION_REF
FK_PROPRELARR02	I_LIBRARY_ID	PS4EPMA	DS_RELATIONSHIP
FK_PROPRELARR02	I_DIMENSION_ID	PS4EPMA	DS_RELATIONSHIP
FK_PROPRELARR02	I_PARENT_MEMBER_ID	PS4EPMA	DS_RELATIONSHIP
FK_PROPRELARR02	I_CHILD_MEMBER_ID	PS4EPMA	DS_RELATIONSHIP
FK_PROPRELARR03	I_LIBRARY_ID	PS4EPMA	DS_MEMBER
FK_PROPRELARR03	I_REF_DIMENSION_ID	PS4EPMA	DS_MEMBER
FK_PROPRELARR03	I_REF_MEMBER_ID	PS4EPMA	DS_MEMBER
FK_PROPRELARR04	I_LIBRARY_ID	PS4EPMA	DS_MEMBER
FK_PROPRELARR04	I_PROP_DEF_DIMENSION_ID	PS4EPMA	DS_MEMBER
FK_PROPRELARR04	I_PROP_DEF_MEMBER_ID	PS4EPMA	DS_MEMBER

No External Foreign Keys

No Enabled Triggers

DS_PROPERTY_RELATIONSHIP_MEMO

- contains member-level property values for properties of type "Memo" - one row represents one member-level property value - for properties where DimensionGlobal is False - property values that go with a parent-child relationship as opposed to values that go with the member - for shared members, the same child member can appear multiple times in the same dimension, but with different parents, depends on the property definition - specific to a library, dimension, application

Primary Key(s): I_LIBRARY_ID, I_APPLICATION_ID, I_PROP_DEF_DIMENSION_ID, I_PROP_DEF_MEMBER_ID, I_DIMENSION_ID, I_PARENT_MEMBER_ID, I_CHILD_MEMBER_ID

Field	Type	Nulls?	Comments
I_LIBRARY_ID	NUMBER (38)	No	- indicates what library contains the parent and child members whose relationship is being assigned this property value - corresponds to DS_Library.i_library_id
I_APPLICATION_ID	NUMBER (38)	No	- identifies the application the parent and child members are associated with (defaults to 1 which identifies the Master Application) - corresponds to DS_Application.i_application_id
I_PROP_DEF_DIMENSION_ID	NUMBER (38)	No	- identifies which metadata dimension contains the property definition that this property is associated with - corresponds to DS_Dimension.i_dimension_id
I_PROP_DEF_MEMBER_ID	NUMBER (38)	No	- identifies which member in the metadata dimension is the property definition that this property is associated with - corresponds to DS_Member.i_member_id
I_DIMENSION_ID	NUMBER (38)	No	- the dimension to which the parent and child members belong - corresponds to DS_Dimension.i_dimension_id
I_PARENT_MEMBER_ID	NUMBER (38)	No	- the parent member in the relationship for which the value is being stored - corresponds to DS_Member.i_member_id
I_CHILD_MEMBER_ID	NUMBER (38)	No	- the child member in the relationship for which the value is being stored - corresponds to DS_Member.i_member_id
X_PROPERTY_VALUE	NCLOB	Yes	- the property value

Index Name	Type	Unique	Fields
IDXPROPRELMEM01	NORMAL	No	I_LIBRARY_ID, I_APPLICATION_ID
IDXPROPRELMEM02	NORMAL	No	I_LIBRARY_ID, I_PROP_DEF_DIMENSION_ID, I_PROP_DEF_MEMBER_ID
IDXPROPRELMEM03	NORMAL	No	I_LIBRARY_ID, I_DIMENSION_ID, I_PARENT_MEMBER_ID, I_CHILD_MEMBER_ID
PK_PROPRELMEM	NORMAL	Yes	I_LIBRARY_ID, I_APPLICATION_ID, I_PROP_DEF_DIMENSION_ID, I_PROP_DEF_MEMBER_ID, I_DIMENSION_ID, I_PARENT_MEMBER_ID, I_CHILD_MEMBER_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK_PROPRELMEM01	I_LIBRARY_ID	PS4EPMA	DS_APPLICATION
FK_PROPRELMEM01	I_APPLICATION_ID	PS4EPMA	DS_APPLICATION
FK_PROPRELMEM02	I_LIBRARY_ID	PS4EPMA	DS_MEMBER
FK_PROPRELMEM02	I_PROP_DEF_DIMENSION_ID	PS4EPMA	DS_MEMBER
FK_PROPRELMEM02	I_PROP_DEF_MEMBER_ID	PS4EPMA	DS_MEMBER

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
	_ID		
FK_PROPRELMEM03	I_LIBRARY_ID	PS4EPMA	DS_RELATIONSHIP
FK_PROPRELMEM03	I_DIMENSION_ID	PS4EPMA	DS_RELATIONSHIP
FK_PROPRELMEM03	I_PARENT_MEMBER_ID	PS4EPMA	DS_RELATIONSHIP
FK_PROPRELMEM03	I_CHILD_MEMBER_ID	PS4EPMA	DS_RELATIONSHIP

No External Foreign Keys

No Enabled Triggers

DS_PROP_RELATIONSHIP_DIMENSION

- contains references to dimensions for non-DimensionGlobal member-level properties - property values that go with a parent-child relationship as opposed to values that go with the member - one row represents one dimension reference - used for storing values of properties of type DimensionArray - specific to a library, application, dimension

Primary Key(s): I_LIBRARY_ID, I_DIMENSION_ID, I_PARENT_MEMBER_ID, I_CHILD_MEMBER_ID, I_REF_DIMENSION_ID, I_APPLICATION_ID, I_PROP_DEF_DIMENSION_ID, I_PROP_DEF_MEMBER_ID

Field	Type	Nulls?	Comments
I_LIBRARY_ID	NUMBER (38)	No	- indicates what library contains the parent and child members whose relationship is being assigned this property value - corresponds to DS_Library.i_library_id
I_DIMENSION_ID	NUMBER (38)	No	- the dimension to which the parent and child members belong - corresponds to DS_Dimension.i_dimension_id
I_PARENT_MEMBER_ID	NUMBER (38)	No	- the parent member in the relationship - corresponds to DS_Member.i_member_id
I_CHILD_MEMBER_ID	NUMBER (38)	No	- the child member in the relationship - corresponds to DS_Member.i_member_id
I_REF_DIMENSION_ID	NUMBER (38)	No	- identifies the dimension that is being referenced by the parent and child relationship - corresponds to DS_Dimension.i_dimension_id
I_APPLICATION_ID	NUMBER (38)	No	- identifies the application the parent and child members are associated with (defaults to 1 which identifies the Master Application) - corresponds to DS_Application.i_application_id
I_PROP_DEF_DIMENSION_ID	NUMBER (38)	No	- identifies which metadata dimension contains the property definition that this property is associated with - corresponds to DS_Dimension.i_dimension_id

Field	Type	Nulls?	Comments
I_PROP_DEF_MEMBER_ID	NUMBER (38)	No	- identifies which member in the metadata dimension is the property definition that this property is associated with - corresponds to DS_Member.i_member_id

Index Name	Type	Unique	Fields
IDXPROPRELDIM02	NORMAL	No	I_LIBRARY_ID, I_REF_DIMENSION_ID
IDXPROPRELDIM03	NORMAL	No	I_LIBRARY_ID, I_PROP_DEF_DIMENSION_ID, I_PROP_DEF_MEMBER_ID
IDXPROPRELDIM04	NORMAL	No	I_LIBRARY_ID, I_DIMENSION_ID, I_PARENT_MEMBER_ID, I_CHILD_MEMBER_ID
IDXPROPRELDIM01	NORMAL	No	I_LIBRARY_ID, I_APPLICATION_ID
PK_PROPRELDIM	NORMAL	Yes	I_LIBRARY_ID, I_DIMENSION_ID, I_PARENT_MEMBER_ID, I_CHILD_MEMBER_ID, I_REF_DIMENSION_ID, I_APPLICATION_ID, I_PROP_DEF_DIMENSION_ID, I_PROP_DEF_MEMBER_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK_PROPRELDIM01	I_LIBRARY_ID	PS4EPMA	DS_APPLICATION
FK_PROPRELDIM01	I_APPLICATION_ID	PS4EPMA	DS_APPLICATION
FK_PROPRELDIM02	I_LIBRARY_ID	PS4EPMA	DS_DIMENSION
FK_PROPRELDIM02	I_REF_DIMENSION_ID	PS4EPMA	DS_DIMENSION
FK_PROPRELDIM03	I_LIBRARY_ID	PS4EPMA	DS_MEMBER
FK_PROPRELDIM03	I_PROP_DEF_DIMENSION_ID	PS4EPMA	DS_MEMBER
FK_PROPRELDIM03	I_PROP_DEF_MEMBER_ID	PS4EPMA	DS_MEMBER
FK_PROPRELDIM04	I_LIBRARY_ID	PS4EPMA	DS_RELATIONSHIP
FK_PROPRELDIM04	I_DIMENSION_ID	PS4EPMA	DS_RELATIONSHIP
FK_PROPRELDIM04	I_PARENT_MEMBER_ID	PS4EPMA	DS_RELATIONSHIP
FK_PROPRELDIM04	I_CHILD_MEMBER_ID	PS4EPMA	DS_RELATIONSHIP

No External Foreign Keys

No Enabled Triggers

DS_RELATIONSHIP

- contains information that tells us where each dimension member is placed in a library - one row represents one parent-child relationship - specific to a library, dimension

Primary Key(s): I_LIBRARY_ID, I_DIMENSION_ID, I_PARENT_MEMBER_ID, I_CHILD_MEMBER_ID

Field	Type	Nulls?	Comments
I_LIBRARY_ID	NUMBER (38)	No	- the library that the parent and child members in this relationship belong to - corresponds to DS_Library.i_library_id
I_DIMENSION_ID	NUMBER (38)	No	- the dimension to which the parent and child members belong - corresponds to DS_Dimension.i_dimension_id
I_PARENT_MEMBER_ID	NUMBER (38)	No	- the parent member in the relationship - corresponds to DS_Member.i_member_id
I_CHILD_MEMBER_ID	NUMBER (38)	No	- the child member in the relationship - corresponds to DS_Member.i_member_id - this memberID may appear multiple times in this table, once for the primary member and one or more times for any shared member or members - this memberID will appear only once in the DS_Member table
I_CHILD_MEMBER_ORDER	NUMBER (38)	No	- where there are multiple rows with the same i_child_member_id (shared members), this value is the order in which these members were added - the first one added would have a value of 1 (indicating the primary member), the second one added would have a value of 2 and so on
B_PRIMARY	NUMBER (1)	No	- True if this parent and child represents the primary relationship - a shared member allows the same member to have more than one parent. - one of those parent-child relationships is considered primary - a primary member is the first instance of a shared relationship member

Index Name	Type	Unique	Fields
IDXREL01	NORMAL	No	I_LIBRARY_ID, I_DIMENSION_ID, I_PARENT_MEMBER_ID
IDXREL02	NORMAL	No	I_LIBRARY_ID, I_DIMENSION_ID, I_CHILD_MEMBER_ID
PK_REL	NORMAL	Yes	I_LIBRARY_ID, I_DIMENSION_ID, I_PARENT_MEMBER_ID, I_CHILD_MEMBER_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK_REL01	I_LIBRARY_ID	PS4EPMA	DS_MEMBER
FK_REL01	I_DIMENSION_ID	PS4EPMA	DS_MEMBER
FK_REL01	I_PARENT_MEMBER_ID	PS4EPMA	DS_MEMBER
FK_REL02	I_LIBRARY_ID	PS4EPMA	DS_MEMBER

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK_REL02	I_DIMENSION_ID	PS4EPMA	DS_MEMBER
FK_REL02	I_CHILD_MEMBER_ID	PS4EPMA	DS_MEMBER

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
FK_PROPREL03	PS4EPMA	DS_PROPERTY_RELATIONS HIP	I_LIBRARY_ID
FK_PROPREL03	PS4EPMA	DS_PROPERTY_RELATIONS HIP	I_DIMENSION_ID
FK_PROPREL03	PS4EPMA	DS_PROPERTY_RELATIONS HIP	I_PARENT_MEMBER_ID
FK_PROPREL03	PS4EPMA	DS_PROPERTY_RELATIONS HIP	I_CHILD_MEMBER_ID
FK_PROPRELARR02	PS4EPMA	DS_PROPERTY_RELATIONS HIP_ARRAY	I_PARENT_MEMBER_ID
FK_PROPRELARR02	PS4EPMA	DS_PROPERTY_RELATIONS HIP_ARRAY	I_DIMENSION_ID
FK_PROPRELARR02	PS4EPMA	DS_PROPERTY_RELATIONS HIP_ARRAY	I_LIBRARY_ID
FK_PROPRELARR02	PS4EPMA	DS_PROPERTY_RELATIONS HIP_ARRAY	I_CHILD_MEMBER_ID
FK_PROPRELDIM04	PS4EPMA	DS_PROP_RELATIONSHIP_D IMENSION	I_CHILD_MEMBER_ID
FK_PROPRELDIM04	PS4EPMA	DS_PROP_RELATIONSHIP_D IMENSION	I_PARENT_MEMBER_ID
FK_PROPRELDIM04	PS4EPMA	DS_PROP_RELATIONSHIP_D IMENSION	I_LIBRARY_ID
FK_PROPRELDIM04	PS4EPMA	DS_PROP_RELATIONSHIP_D IMENSION	I_DIMENSION_ID
FK_PROPRELMEM03	PS4EPMA	DS_PROPERTY_RELATIONS HIP_MEMO	I_LIBRARY_ID
FK_PROPRELMEM03	PS4EPMA	DS_PROPERTY_RELATIONS HIP_MEMO	I_DIMENSION_ID
FK_PROPRELMEM03	PS4EPMA	DS_PROPERTY_RELATIONS HIP_MEMO	I_PARENT_MEMBER_ID
FK_PROPRELMEM03	PS4EPMA	DS_PROPERTY_RELATIONS HIP_MEMO	I_CHILD_MEMBER_ID
FK_VWFILTMBR02	PS4EPMA	DS_VIEW_FILTER_MEMBER	I_LIBRARY_ID
FK_VWFILTMBR02	PS4EPMA	DS_VIEW_FILTER_MEMBER	I_DIMENSION_ID
FK_VWFILTMBR02	PS4EPMA	DS_VIEW_FILTER_MEMBER	I_TOP_MEMBER_ID
FK_VWFILTMBR02	PS4EPMA	DS_VIEW_FILTER_MEMBER	I_PARENT_MEMBER_ID

No Enabled Triggers

DS_REQUEST

- this table is not being used at this time - it was originally added to support the "approval pending" and "effective dating" features which have been shelved - schema and code have been left for possible future usage

Primary Key(s): I_LIBRARY_ID, I_PERSPECTIVE_ID, I_REQUEST_ID

Field	Type	Nulls?	Comments
I_LIBRARY_ID	NUMBER (38)	No	- identifies the library that this perspective belongs to - corresponds to DS_Library.i_library_id
I_PERSPECTIVE_ID	NUMBER (38)	No	- the perspective that this request is associated with - corresponds to DS_Perspective.i_perspective_id
I_REQUEST_ID	NUMBER (38)	No	- uniquely identifies this request
C_REQUEST_NAME	NVARCHAR2 (255)	No	- user defined name for this request
E_REQUEST_STATUS	NVARCHAR2 (255)	No	- the current status of this request - Draft - the request has been saved but is not yet part of a workflow - Pending - the request is waiting for either an approval or a rejection, or the request's effective date has not been reached - Approved - the request has been approved, but is not yet committed - Rejected - the request has been rejected - Committed - the request has been committed and all its actions have executed successfully - Failed - an attempt was made to commit the request, but the failure of one or more of the result's actions prevented it from completing
E_REQUEST_SUBSTATUS	NVARCHAR2 (255)	No	- possible values are None, PendingEffectiveDate, PendingApproval
C_ALERT_MESSAGE	NVARCHAR2 (255)	Yes	- an alert message containing information about this request's execution
I_TOTAL_COMPLETED	NUMBER (38)	Yes	- the total of all actions that completed execution
I_TOTAL_WARNINGS	NUMBER (38)	Yes	- the total of all warnings that were issued during the execution of actions
I_TOTAL_ERRORS	NUMBER (38)	Yes	- the total of all errors that were issued during the execution of actions

Index Name	Type	Unique	Fields
IDXREQ01	NORMAL	No	I_LIBRARY_ID, I_PERSPECTIVE_ID
PK_REQ	NORMAL	Yes	I_LIBRARY_ID, I_PERSPECTIVE_ID, I_REQUEST_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
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Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK_REQ01	I_LIBRARY_ID	PS4EPMA	DS_PERSPECTIVE
FK_REQ01	I_PERSPECTIVE_ID	PS4EPMA	DS_PERSPECTIVE

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
FK_REQGRP01	PS4EPMA	DS_REQUEST_GROUP	I_LIBRARY_ID
FK_REQGRP01	PS4EPMA	DS_REQUEST_GROUP	I_PERSPECTIVE_ID
FK_REQGRP01	PS4EPMA	DS_REQUEST_GROUP	I_REQUEST_ID
FK_REQITEM01	PS4EPMA	DS_REQUEST_ITEM	I_LIBRARY_ID
FK_REQITEM01	PS4EPMA	DS_REQUEST_ITEM	I_PERSPECTIVE_ID
FK_REQITEM01	PS4EPMA	DS_REQUEST_ITEM	I_REQUEST_ID

No Enabled Triggers

DS_REQUEST_GROUP

- this table is not being used at this time - it was originally added to support the "approval pending" and "effective dating" features which have been shelved - schema and code have been left for possible future usage

Primary Key(s): I_LIBRARY_ID, I_PERSPECTIVE_ID, I_REQUEST_ID, I_REQUEST_GROUP_ID

Field	Type	Nulls?	Comments
I_LIBRARY_ID	NUMBER (38)	No	- identifies the library that this request group belongs to - corresponds to DS_Library.i_library_id
I_PERSPECTIVE_ID	NUMBER (38)	No	- the perspective that this request is associated with - corresponds to DS_Perspective.i_perspective_id
I_REQUEST_ID	NUMBER (38)	No	- the request that this request group is associated with - corresponds to DS_Request.i_request_id
I_REQUEST_GROUP_ID	NUMBER (38)	No	- uniquely identifies this request group
I_ORDER_ID	NUMBER (38)	No	- a numeric value that provides a sequence for the requests in the request group

Index Name	Type	Unique	Fields
PK_REQGRP	NORMAL	Yes	I_LIBRARY_ID, I_PERSPECTIVE_ID, I_REQUEST_ID, I_REQUEST_GROUP_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK_REQGRP01	I_LIBRARY_ID	PS4EPMA	DS_REQUEST

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK_REQGRP01	I_PERSPECTIVE_ID	PS4EPMA	DS_REQUEST
FK_REQGRP01	I_REQUEST_ID	PS4EPMA	DS_REQUEST

No External Foreign Keys

No Enabled Triggers

DS_REQUEST_ITEM

- this table is not being used at this time - it was originally added to support the "approval pending" and "effective dating" features which have been shelved - schema and code have been left for possible future usage

Primary Key(s): I_LIBRARY_ID, I_PERSPECTIVE_ID, I_REQUEST_ID, I_REQUEST_ITEM_ID

Field	Type	Nulls?	Comments
I_LIBRARY_ID	NUMBER (38)	No	- identifies the library that this request item belongs to - corresponds to DS_Library.i_library_id
I_PERSPECTIVE_ID	NUMBER (38)	No	- the perspective that this request is associated with - corresponds to DS_Perspective.i_perspective_id
I_REQUEST_ID	NUMBER (38)	No	- the request that this request item is associated with - corresponds to DS_Request.i_request_id
I_REQUEST_ITEM_ID	NUMBER (38)	No	- uniquely identifies this request item
I_ORDER_ID	NUMBER (38)	Yes	- a numeric value that provides a sequence for the items in the request
C_ACTION	NCLOB	Yes	- unknown
E_RESULT_STATUS	NVARCHAR2 (255)	Yes	- the result of the execution of a request action - possible values are None, Success, Warning, Error, Fatal
C_RESULT_DESCRIPTION	NVARCHAR2 (2000)	Yes	- plain text description of the result of this request item

Index Name	Type	Unique	Fields
IDXREQITEM01	NORMAL	No	I_LIBRARY_ID, I_PERSPECTIVE_ID, I_REQUEST_ID
PK_REQITEM	NORMAL	Yes	I_LIBRARY_ID, I_PERSPECTIVE_ID, I_REQUEST_ID, I_REQUEST_ITEM_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK_REQITEM01	I_LIBRARY_ID	PS4EPMA	DS_REQUEST

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK_REQITEM01	I_PERSPECTIVE_ID	PS4EPMA	DS_REQUEST
FK_REQITEM01	I_REQUEST_ID	PS4EPMA	DS_REQUEST

No External Foreign Keys

No Enabled Triggers

DS_SCHEMA_HISTORY

- provides a log of database schema and data updates performed by the EPMA Server at runtime or by the EPM System Configurator during a database upgrade

Primary Key(s): I_SCHEMA_HISTORY_ID

Field	Type	Nulls?	Comments
I_SCHEMA_HISTORY_ID	NUMBER (38)	No	- uniquely identifies this schema history entry
C_TASK_NAME	NVARCHAR2 (256)	No	- a standard code name for the schema change being done
C_STATUS	NVARCHAR2 (50)	No	- the current status of the task being processed
C_FROM_SCHEMA_VERSION	NVARCHAR2 (20)	No	- the pre-task schema version number
C_TO_SCHEMA_VERSION	NVARCHAR2 (20)	No	- the post-task schema version number
D_START_TASK	TIMESTAMP(6)	Yes	- the date and time that the task began
D_END_TASK	TIMESTAMP(6)	Yes	- the date and time that the task completed
X_COMMENTS	NCLOB	Yes	- a text comment describing the task in greater detail

Index Name	Type	Unique	Fields
PK_SCHEMAHIST	NORMAL	Yes	I_SCHEMA_HISTORY_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

DS_SEQUENCE

- contains table key fields and the last used ID value - one row represents one table field and ID value - not specific to a library

Primary Key(s): C_KEY_FIELD

Field	Type	Nulls?	Comments
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Field	Type	Nulls?	Comments
C_KEY_FIELD	NVARCHAR2 (30)	No	- the name of the ID table column for which the sequence number (stored in i_key_sequence_id) was generated
I_KEY_SEQUENCE_ID	NUMBER (38)	No	- the last used ID value for the column named in c_key_field

Index Name	Type	Unique	Fields
PK_SEQ	NORMAL	Yes	C_KEY_FIELD

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

DS_TRANSACTION_HISTORY

- contains transactions, a record of events that occur in the EPMA Server - one row represents one transaction - specific to a library, but may also be specific to a dimension, application, and member (depending on the e_transaction_action value).

Primary Key(s): I_TRANSACTION_ID, I_DETAIL_ID

Field	Type	Nulls?	Comments
I_TRANSACTION_ID	NUMBER (38)	No	- uniquely identifies a transaction
I_DETAIL_ID	NUMBER (38)	No	- defaults to 0 - for transactions that span multiple table rows of DS_Transaction_History, the value of this column starts with 1 and increments by 1 on each successive row
C_USER_NAME	NVARCHAR2 (256)	Yes	- the user that is logged into the session that causes the transaction to occur - this column is NULL when the transaction is initiated by the system
C_SESSION_ID	NVARCHAR2 (36)	Yes	- the session that is active when the transaction occurs - is NULL or all 0s when the transaction is initiated by the system - corresponds to DS_Session.c_session_id
D_CREATED	TIMESTAMP(6)	Yes	- the date and time that the transaction occurred
C_LIBRARY_NAME	NVARCHAR2 (300)	Yes	- the name of the library that is affected by the transaction - corresponds to DS_Library.c_library_name
I_LIBRARY_ID	NUMBER (38)	Yes	- the library that is affected by the transaction - corresponds to DS_Library.i_library_id

Field	Type	Nulls?	Comments
I_APPLICATION_ID	NUMBER (38)	Yes	- the application (if applicable) that is affected by the transaction - corresponds to DS_Application.i_application_id
C_APPLICATION_NAME	NVARCHAR2 (255)	Yes	- the name of the application (if applicable) that is affected by the transaction - corresponds to DS_Application.c_application_name
C_DIMENSION_NAME	NVARCHAR2 (150)	Yes	- the name of the dimension (if applicable) that is affected by the transaction - corresponds to DS_Dimension.c_dimension_name
I_DIMENSION_ID	NUMBER (38)	Yes	- the dimension (if applicable) that is affected by the transaction - corresponds to DS_Dimension.i_dimension_id
I_MEMBER_ID	NUMBER (38)	Yes	- the member (if applicable) that is affected by the transaction - corresponds to DS_Member.i_member_id
C_MEMBER_NAME	NVARCHAR2 (150)	Yes	- the name of the member (if applicable) that is affected by the transaction - corresponds to DS_Member.c_member_name
C_MEMBER_DESCRIPTION	NVARCHAR2 (255)	Yes	- the description of the member (if applicable) that is affected by the transaction - corresponds to DS_Member.c_member_descr
C_DESCRIPTION	NVARCHAR2 (300)	Yes	- brief system-defined description of the transaction
C_PROPERTY_NAME	NVARCHAR2 (255)	Yes	- the name of the property (if applicable) that is affected by the transaction - through EPMA version 9.3.1, corresponded to the DS_Property.c_property_name column - the DS_Property table no longer exists and this column now maps to the DS_Member.c_member_name column which is the member that represents the property definition for this property
I_PROPERTY_DIMENSION_ID	NUMBER (38)	Yes	- identifies which metadata dimension contains the property definition that the property affected by this transaction is associated with (if applicable) - corresponds to DS_Dimension.i_dimension_id
I_PROPERTY_MEMBER_ID	NUMBER (38)	Yes	- identifies which member in the metadata dimension is the property definition that the property affected by this transaction is associated with (if applicable) - corresponds to DS_Member.i_member_id
X_FROM_VALUE	NCLOB	Yes	- the literal property value or XML representation of the property value before the transaction takes place

Field	Type	Nulls?	Comments
C_FROM_ORIGIN	NVARCHAR2 (50)	Yes	- the origin of the original property value (the value before the transaction takes place) - possible values are - Default - value is set locally - Inherited - the value is inherited from its parent member - Overridden - The value is overridden - usually means that the application has a different value for the property than the value inherited from the master application, or the value inherited from a parent member, or the default value. - InheritedDimension - value is inherited from the dimension - InheritedLibrary - value is inherited from the library - Derived - value is calculated - Unknown - origin is unknown
X_TO_VALUE	NCLOB	Yes	- the literal property value or XML representation of the property value after the transaction takes place
C_TO_ORIGIN	NVARCHAR2 (50)	Yes	- the "destination origin" of the property value, on a call to UpdateProperties - if the property value is being removed, this will become "Default" - if the value is changed, it will be "Defined"
I_ORIGINATING_ID	NUMBER (38)	Yes	- if this transaction is a Loss or Result action, it will have an "originating" transaction that caused this one to be inserted - the originating transaction will have a transaction ID and detail ID - corresponds to DS_Transaction_History.i_transaction_id
I_ORIGINATING_DETAIL_ID	NUMBER (38)	Yes	- if this transaction is a Loss or Result action, it will have an "originating" transaction that caused this one to be inserted - the originating transaction will have a transaction ID and detail ID - corresponds to DS_Transaction_History.i_detail_id
E_TRANSACTION_ACTION	NVARCHAR2 (50)	Yes	- the action that this transaction represents - possible values include AddMember, DeleteMember, RemoveMember, etc.
E_TRANSACTION_LEVEL	NVARCHAR2 (50)	Yes	- the level of the transaction - possible values are - Core - operations like MoveMember, InsertMember, etc. - transactions involving dimensional logic - Logged - an action that doesn't change the data significantly, but should be logged, like performing a compare - Result - an action that is the result of another action - Admin - an administrative action, like setting up a new property definition
I_ORIGINAL_MEMBER_ORDER	NUMBER (38)	Yes	- the order of the member before being moved
I_NEW_MEMBER_ORDER	NUMBER (38)	Yes	- the order of the member being inserted

Field	Type	Nulls?	Comments
I_ORIGINAL_PARENT_ID	NUMBER (38)	Yes	- the ID of the parent member before a move takes place - corresponds to DS_Member.i_member_id
I_NEW_PARENT_ID	NUMBER (38)	Yes	- the ID of the parent member (applies mostly to moves and inserts) - corresponds to DS_Member.i_member_id
I_CLASS_ID	NUMBER (38)	Yes	- the class ID of the object involved in the transaction - for example, if the transaction is AddMember, this will be the member's class ID - for AddDimension, the Dimension's class ID would be used
I_REQUEST_ID	NUMBER (38)	Yes	- the request (if applicable) that generated the transaction

Index Name	Type	Unique	Fields
IDXTRANHIST01	NORMAL	No	I_LIBRARY_ID, I_DIMENSION_ID, I_MEMBER_ID
IDXTRANHIST02	NORMAL	No	I_LIBRARY_ID, D_CREATED
PK_TRANHIST	NORMAL	Yes	I_TRANSACTION_ID, I_DETAIL_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

DS_VIEW

- contains application views - one row represents one application view - specific to a library

Primary Key(s): I_LIBRARY_ID, I_VIEW_ID

Field	Type	Nulls?	Comments
I_LIBRARY_ID	NUMBER (38)	No	- which library this view belongs to - corresponds to DS_Library.i_library_id
I_VIEW_ID	NUMBER (38)	No	- uniquely identifies this view
C_VIEW_NAME	NVARCHAR2 (255)	No	- user-defined view name
C_VIEW_DESCR	NVARCHAR2 (255)	Yes	- user-defined view description

Index Name	Type	Unique	Fields
IDXVW01	NORMAL	No	I_LIBRARY_ID
PK_VW	NORMAL	Yes	I_LIBRARY_ID, I_VIEW_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
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Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK_VW01	I_LIBRARY_ID	PS4EPMA	DS_LIBRARY

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
FK_APP02	PS4EPMA	DS_APPLICATION	I_LIBRARY_ID
FK_APP02	PS4EPMA	DS_APPLICATION	I_VIEW_ID
FK_VWFILT03	PS4EPMA	DS_VIEW_FILTER	I_LIBRARY_ID
FK_VWFILT03	PS4EPMA	DS_VIEW_FILTER	I_VIEW_ID

No Enabled Triggers

DS_VIEW_FILTER

- indicates which dimensions are included in an application view (see i_dimension_id) - one row represents one application view dimension - specific to a library

Primary Key(s): I_LIBRARY_ID, I_VIEW_ID, I_VIEW_FILTER_ID

Field	Type	Nulls?	Comments
I_LIBRARY_ID	NUMBER (38)	No	- the library that the view is associated with - corresponds to DS_Library.i_library_id
I_VIEW_ID	NUMBER (38)	No	- the view that this filter is associated with - corresponds to DS_View.i_view_id
I_VIEW_FILTER_ID	NUMBER (38)	No	- uniquely identifies this view filter
I_BASE_PROPERTY_ID	NUMBER (38)	Yes	- the property definition that represents the "BaseProperty" - through EPMA version 9.3.1, corresponded to the DS_Property.i_property_id column - the DS_Property table no longer exists and this column now maps to the DS_Member.i_member_id column which is the member that represents the "BaseProperty" property definition - the "BaseProperty" value is meant to allow a different (boolean) attribute to be used in determining whether a particular member's descendants are included in a particular view, or application
I_DIMENSION_ID	NUMBER (38)	No	- the dimension that the view is associated with - corresponds to DS_Dimension.i_dimension_id

Index Name	Type	Unique	Fields
IDXVWFILT01	NORMAL	No	I_LIBRARY_ID, I_DIMENSION_ID
IDXVWFILT03	NORMAL	No	I_LIBRARY_ID, I_VIEW_ID
PK_DIMVW	NORMAL	Yes	I_LIBRARY_ID, I_VIEW_ID, I_VIEW_FILTER_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK_VWFILT01	I_LIBRARY_ID	PS4EPMA	DS_DIMENSION
FK_VWFILT01	I_DIMENSION_ID	PS4EPMA	DS_DIMENSION
FK_VWFILT03	I_LIBRARY_ID	PS4EPMA	DS_VIEW
FK_VWFILT03	I_VIEW_ID	PS4EPMA	DS_VIEW

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
FK_VWFILTMBR01	PS4EPMA	DS_VIEW_FILTER_MEMBER	I_VIEW_ID
FK_VWFILTMBR01	PS4EPMA	DS_VIEW_FILTER_MEMBER	I_LIBRARY_ID
FK_VWFILTMBR01	PS4EPMA	DS_VIEW_FILTER_MEMBER	I_VIEW_FILTER_ID

No Enabled Triggers

DS_VIEW_FILTER_MEMBER

- contains top members from the "Master Application" that are included in an application view - the descendants of those top members are also included in the application view though they do not appear in this table - any descendants marked as Excluded or as Base Members would not be included in the application view - one row represents one application view filter member - specific to a library

Primary Key(s): I_VIEW_ID, I_VIEW_FILTER_ID, I_LIBRARY_ID, I_DIMENSION_ID, I_TOP_MEMBER_ID, I_PARENT_MEMBER_ID

Field	Type	Default	Nulls?	Comments
I_VIEW_ID	NUMBER (38)		No	- the view that the view filter is associated with - corresponds to DS_View.i_view_id
I_VIEW_FILTER_ID	NUMBER (38)		No	- the view filter that this view filter member is associated with - corresponds to DS_View_Filter.i_view_filter_id
I_LIBRARY_ID	NUMBER (38)		No	- the library that the view is associated with - corresponds to DS_Library.i_library_id
I_DIMENSION_ID	NUMBER (38)		No	- the dimension that the view is associated with - corresponds to DS_Dimension.i_dimension_id
I_TOP_MEMBER_ID	NUMBER (38)		No	- the memberID of a topmost member for this view filter in this dimension, a member that appears immediately under the containing dimension as a child - there can be 1-n top members for any view filter - corresponds to DS_Member.i_member_id
I_PARENT_MEMBER_ID	NUMBER (38)		No	- the memberID of the parent member of the topmost member for this view filter in this dimension - corresponds to DS_Member.i_member_id

Field	Type	Default	Nulls?	Comments
I_ORDER	NUMBER (38)	0	No	- allows a sort order to be specified by the user for top members selected within a dimension

Index Name	Type	Unique	Fields
IDXVWFILTMBR01	NORMAL	No	I_LIBRARY_ID, I_VIEW_ID, I_VIEW_FILTER_ID
IDXVWFILTMBR02	NORMAL	No	I_LIBRARY_ID, I_DIMENSION_ID, I_PARENT_MEMBER_ID, I_TOP_MEMBER_ID
PK_VWFILTMBR	NORMAL	Yes	I_VIEW_ID, I_VIEW_FILTER_ID, I_LIBRARY_ID, I_DIMENSION_ID, I_TOP_MEMBER_ID, I_PARENT_MEMBER_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK_VWFILTMBR01	I_VIEW_ID	PS4EPMA	DS_VIEW_FILTER
FK_VWFILTMBR01	I_VIEW_FILTER_ID	PS4EPMA	DS_VIEW_FILTER
FK_VWFILTMBR01	I_LIBRARY_ID	PS4EPMA	DS_VIEW_FILTER
FK_VWFILTMBR02	I_LIBRARY_ID	PS4EPMA	DS_RELATIONSHIP
FK_VWFILTMBR02	I_DIMENSION_ID	PS4EPMA	DS_RELATIONSHIP
FK_VWFILTMBR02	I_TOP_MEMBER_ID	PS4EPMA	DS_RELATIONSHIP
FK_VWFILTMBR02	I_PARENT_MEMBER_ID	PS4EPMA	DS_RELATIONSHIP

No External Foreign Keys

No Enabled Triggers

JM_ATTACHMENT

- contains records of job attachments (not the attachments themselves) - one row represents one job attachment - not specific to a library

Primary Key(s): I_JOB_ID, I_ATTACHMENT_ID

Field	Type	Nulls?	Comments
I_JOB_ID	NUMBER (38)	No	- the job that this attachment is associated with - corresponds to JM_Job.i_job_id
I_ATTACHMENT_ID	NUMBER (38)	No	- uniquely identifies this attachment
C_NAME	NVARCHAR2 (255)	Yes	- system-defined name for the attachment - possible values include Import Results, Export Details, Compare Results, Query Members, etc.
E_ATTACHMENT_TYPE	NVARCHAR2 (50)	No	- the type of attachment - possible values are File, Text

Field	Type	Nulls?	Comments
C_VIEWER_TYPE	NVARCHAR2 (255)	Yes	- the type of object that would be used to view the attachment - possible values include CompareResultViewer, ExportDetailsViewer, ImportResultsViewer, Text, TextFileViewer, TransactionExportViewer, MembersViewer

Index Name	Type	Unique	Fields
IDXATTACH01	NORMAL	No	I_JOB_ID
PK_ATTACH	NORMAL	Yes	I_JOB_ID, I_ATTACHMENT_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK_ATTACH01	I_JOB_ID	PS4EPMA	JM_JOB

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
FK_BAT01	PS4EPMA	JM_BATCH	I_ATTACHMENT_ID
FK_BAT01	PS4EPMA	JM_BATCH	I_JOB_ID

No Enabled Triggers

JM_BATCH

- contains actual job attachments or parts of job attachments - one row represents one job attachment or a part of one job attachment - not specific to a library

Primary Key(s): I_JOB_ID, I_ATTACHMENT_ID, I_BATCH_SEQUENCE_ID

Field	Type	Nulls?	Comments
I_JOB_ID	NUMBER (38)	No	- which job this attachment is associated with
I_ATTACHMENT_ID	NUMBER (38)	No	- which attachment record this attachment is associated with - corresponds to JM_Attachment.i_attachment_id
I_BATCH_SEQUENCE_ID	NUMBER (38)	No	- this is a numeric sequence number that is used to order an attachment that is split into multiple rows of JM_Batch
X_ATTACHMENT_VALUE	NCLOB	Yes	- the actual attachment itself

Index Name	Type	Unique	Fields
IDXBAT01	NORMAL	No	I_JOB_ID, I_ATTACHMENT_ID
PK_BAT	NORMAL	Yes	I_JOB_ID, I_ATTACHMENT_ID, I_BATCH_SEQUENCE_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK_BAT01	I_JOB_ID	PS4EPMA	JM_ATTACHMENT
FK_BAT01	I_ATTACHMENT_ID	PS4EPMA	JM_ATTACHMENT
FK_BAT02	I_JOB_ID	PS4EPMA	JM_JOB

No External Foreign Keys

No Enabled Triggers

JM_JOB

- contains jobs that are executed by Job Manager - one row represents one job - not specific to a library

Primary Key(s): I_JOB_ID

Field	Type	Default	Nulls?	Comments
I_JOB_ID	NUMBER (38)		No	- uniquely identifies this job
C_DESCR	NVARCHAR2 (255)		Yes	- system-defined description of this job
C_JOB_TYPE	NVARCHAR2 (50)		No	- system-defined job type - possible values include Application Validation, ConsolidationAppDeploy, Export, Import, Query Member
I_PROGRESS	NUMBER (38)		No	- indicates the percentage of the job that has been completed
E_JOB_STATUS	NVARCHAR2 (50)		No	- the current status of the job - possible values are - Invalid - job is invalid. No such job is running on the server. - ScheduledStart - job is queued but has not yet started - ScheduledStop - job has been cancelled, but is still running - Starting - job is preparing to start - Running - job is currently running - Paused - job is paused - Stopping - job is in the process of stopping - Stopped - job stopped at request - Aborted - job is aborted due to an error - Completed - job completed successfully. - NotResponding - job is not responding
C_SESSION_ID	NVARCHAR2 (36)		Yes	- the session used to execute the job
C_USER_NAME	NVARCHAR2 (256)		No	- user associated with the session
C_SERVER_NAME	NVARCHAR2 (255)		Yes	- name of the server that the Job Manager is running on
C_PROCESS_IDENTIFICATION	NVARCHAR2 (255)		Yes	- name of the process that initiated the job

Field	Type	Default	Nulls?	Comments
I_THREAD_ID	NUMBER (38)		Yes	- the operating system thread being used by the Job Manager to execute the job
D_SUBMITTED	TIMESTAMP(6)		Yes	- the date and time that the job was submitted/created
D_STARTED	TIMESTAMP(6)		Yes	- the date and time that the job was started by the Job Manager
D_LASTUPDATED	TIMESTAMP(6)		Yes	- the date and time that the job status was last updated by the Job Manager
C_SUMMARY	NVARCHAR2 (2000)		Yes	- system-defined description of how the job completed
B_HIDDEN	NUMBER (1)	0	No	- indicates whether the job is to be hidden from view in the Jobs console or not
C_REF_ID	NVARCHAR2 (255)		Yes	- as of EPMA 11.1.2.1 used to associate application ids to jobs, but could be used to associate any value with a job since it's a string data type

Index Name	Type	Unique	Fields
PK_JOB	NORMAL	Yes	I_JOB_ID

No Check Constraints

No Internal Foreign Keys

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
FK_ATTACH01	PS4EPMA	JM_ATTACHMENT	I_JOB_ID
FK_BAT02	PS4EPMA	JM_BATCH	I_JOB_ID

No Enabled Triggers

OR_OBJECT

- used by the web interface to store the state of user-defined objects - one row represents one object and its state - not specific to a library

Primary Key(s): C_OBJECT_ID

Field	Type	Nulls?	Comments
C_OBJECT_ID	NVARCHAR2 (50)	No	- uniquely identifies this object

Field	Type	Nulls?	Comments
C_OBJECT_TYPE	NVARCHAR2 (50)	No	<ul style="list-style-type: none"> - the type of the object in question - possible values are - Folder - Folder type object - DimensionView - Dimension view object - ConsolidationApplicationView - Application view object for Consolidation - PlanningApplicationView - Application view object for Planning - EASApplicationView - Application view object for EAS - Synchronization - Synchronization object - Mapping - Mapping object - MappingFormat - Mapping format object - DataInterfaceMapping - Interface area mapping object - JobTask - Object for Jobs - ASOApplicationView - Application view object for ASO - BSOApplicationView - Application view object for BSO - AllApplicationViews - Application view for All Views - DimensionView, ConsolidationApplicationView, PlanningApplicationView, ASOApplicationView, BSOApplicationView
C_OBJECT_STATUS	NVARCHAR2 (50)	No	<ul style="list-style-type: none"> - the status of the object in question - possible values are - NotDeployed - Application view not deployed - Deployed - Application view is deployed - DeployPending - Application view is pending after deploy - DeployedWithError - Application view not deployed with error - Connected - Application view not connected - DeletePending - Application view delete is pending - DeletePending - Application view is migrate pending - AllPending - All Pending States - DeployPending, DeletePending, MigratePending - AllViewStates - All View States - NotDeployed, DeployPending, DeployedWithError, Connected, DeletePending, MigratePending - NeverSynchronized - Data was never synchronized - Synchronized - Data was synchronized - SynchronizationPending - Data synchronization pending - SynchronizedWithErrors - Data synchronized with errors - OutOfSync - Out of synch - SynchronizedExecuting - Synchronization Running - AllSynchronizedStates - All Synchronization States - NeverSynchronized, Synchronized, SynchronizationPending, SynchronizedWithErrors, OutOfSync, SynchronizedExecuting
X_OBJECT_DATA	NCLOB	Yes	- the state of the object in XML format

Index Name	Type	Unique	Fields
PK_REPOSOBJ	NORMAL	Yes	C_OBJECT_ID

No Check Constraints

No Internal Foreign Keys

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
FK_OBJREL01	PS4EPMA	OR_OBJECT_RELATIONSHI PS	C_FROM_OBJECT_ID
FK_OBJREL02	PS4EPMA	OR_OBJECT_RELATIONSHI PS	C_TO_OBJECT_ID

No Enabled Triggers

OR_OBJECT_RELATIONSHIPS

- provides a temporary link between objects stored in the OR_Object table - one row represents one object relationship - not specific to a library

Primary Key(s):

Field	Type	Nulls?	Comments
C_FROM_OBJECT_ID	NVARCHAR2 (50)	No	- the ID of the first object in the linkage relationship - corresponds to OR_Object.c_object_id
C_TO_OBJECT_ID	NVARCHAR2 (50)	No	- the ID of the second object in the linkage relationship - corresponds to OR_Object.c_object_id

Index Name	Type	Unique	Fields
IDXOBJREL01	NORMAL	No	C_FROM_OBJECT_ID
IDXOBJREL02	NORMAL	No	C_TO_OBJECT_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK_OBJREL01	C_FROM_OBJECT_ID	PS4EPMA	OR_OBJECT
FK_OBJREL02	C_TO_OBJECT_ID	PS4EPMA	OR_OBJECT

No External Foreign Keys

No Enabled Triggers

SM_SESSION

- contains user session information - one row represents one session - not specific to a library

Primary Key(s): C_SESSION_ID

Field	Type	Nulls?	Comments
C_SESSION_ID	NVARCHAR2 (36)	No	- uniquely identifies this session
C_USERNAME	NVARCHAR2 (256)	No	- user that is logged into this session - can also be a system-defined value
D_LOGON_TIME	TIMESTAMP(6)	No	- date and time that this session was created
D_LAST_ACCESSED	TIMESTAMP(6)	No	- date and time of the last activity within this session
C_SSO_TOKEN	NVARCHAR2 (2000)	Yes	- the single sign-on token that is associated with this session
C_LOCALE	NVARCHAR2 (50)	No	- identifies the locale for the session (i.e. us_english)
C_UNIQUE_USER_ID	NVARCHAR2 (256)	Yes	- a system-defined unique user identification that maps one-to-one with the user name
C_ECID	NVARCHAR2 (255)	Yes	- the Execution Context ID (ECID) - added to support Oracle Diagnostic Logging - as of EPMA Talleyrand is not yet being used - an ECID is a globally unique identifier associated with a thread of execution. The ECID helps you to use log file entries to correlate messages from one application or across application server components. By searching related messages using the message correlation information, multiple messages can be examined and the component that first generates a problem can be identified (this technique is called first-fault component isolation). Message correlation data can help establish a clear path for a diagnostic message across components, within which errors and related behavior can be understood. When you view an entry on the Log Entry Details page in the Oracle Collaboration Suite Control Console, if the Execution Context ID field is available, it displays the Execution Context ID as a link. Selecting the Execution Context ID link shows you all the diagnostic messages in the Log Repository with the same execution context ID. You can use the ECID to track requests as they move through Oracle Application Server.

Index Name	Type	Unique	Fields
PK_SESS	NORMAL	Yes	C_SESSION_ID

No Check Constraints

No Internal Foreign Keys

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
FK_SESSASSOC01	PS4EPMA	SM_SESSION_ASSOCIATION	C_SESSION_ID
FK_SESSGRP01	PS4EPMA	SM_SESSION_GROUP	C_SESSION_ID
FK_SESSJOB01	PS4EPMA	SM_SESSION_JOB	C_SESSION_ID
FK_SESSROLE01	PS4EPMA	SM_SESSION_ROLE	C_SESSION_ID

No Enabled Triggers

SM_SESSION_ASSOCIATION

- contains session IDs for sessions that are created within a user session - each row represents one user sessionID and a corresponding internal sessionID used by a process or job initiated during that user session - an example of this would be an import, which creates its own session since it runs in a background thread, and possibly after the user's session expires - the linking of the user session and any internal session or sessions initiated during that session allows the transaction history, which is session specific, to be reported as one related batch - this need for this linkage was realized as a result of the transaction history view/download feature in the user interface - the user can choose "all for this session" meaning all transactions for the current user session, however, transactions related to import activity were not being included since they were associated with a different sessionID, the sessionID for the import process itself - not specific to a library

Primary Key(s): C_SESSION_ID, C_ASSOC_SESSION_ID

Field	Type	Nulls?	Comments
C_SESSION_ID	NVARCHAR2 (36)	No	- the user session that is active when the internal process is initiated
C_ASSOC_SESSION_ID	NVARCHAR2 (36)	No	- the session used by the internal process

Index Name	Type	Unique	Fields
PK_SESSASSOC	NORMAL	Yes	C_SESSION_ID, C_ASSOC_SESSION_ID
IDXSESSASSOC01	NORMAL	No	C_SESSION_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK_SESSASSOC01	C_SESSION_ID	PS4EPMA	SM_SESSION

No External Foreign Keys

No Enabled Triggers

SM_SESSION_GROUP

- contains session-level associations of users and groups that tells us what user group or groups that a session's user is part of - one row represents one group that this user is part of - not specific to a library

Primary Key(s): C_SESSION_ID, C_GROUP

Field	Type	Nulls?	Comments
C_SESSION_ID	NVARCHAR2 (36)	No	- what session this group identification is associated with - corresponds to SM_Session.c_session_id
C_GROUP	NVARCHAR2 (255)	No	- a unique group identification valid for this session, that tells us one user group that this user is part of

Index Name	Type	Unique	Fields
PK_SESSGRP	NORMAL	Yes	C_SESSION_ID, C_GROUP
IDXSESSGRP01	NORMAL	No	C_SESSION_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK_SESSGRP01	C_SESSION_ID	PS4EPMA	SM_SESSION

No External Foreign Keys

No Enabled Triggers

SM_SESSION_JOB

- this table is not being used at this time

Primary Key(s): C_SESSION_ID, I_JOB_ID

Field	Type	Nulls?	Comments
C_SESSION_ID	NVARCHAR2 (36)	No	- the session that this session job is associated with - corresponds to SM_Session.c_session_id
I_JOB_ID	NUMBER (38)	No	- the job that this session job is associated with - corresponds to JM_Job.i_job_id

Index Name	Type	Unique	Fields
PK_SESSJOB	NORMAL	Yes	C_SESSION_ID, I_JOB_ID
IDXSESSJOB01	NORMAL	No	C_SESSION_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK_SESSJOB01	C_SESSION_ID	PS4EPMA	SM_SESSION

No External Foreign Keys

No Enabled Triggers

SM_SESSION_ROLE

- contains session-level associations of users and roles that tells us what user role or roles that a session's user is part of - one row represents one role that this user is part of - not specific to a library

Primary Key(s): C_SESSION_ID, C_ROLE, C_APPLICATION_NAME

Field	Type	Default	Nulls?	Comments
C_SESSION_ID	NVARCHAR2 (36)		No	- what session this role identification is associated with - corresponds to SM_Session.c_session_id
C_ROLE	NVARCHAR2 (207)		No	- a unique role identification valid for this session, that tells us one user role that this user is part of
C_APPLICATION_NAME	NVARCHAR2 (207)	('HUB:1111')	No	- the HUB application name used to query user role information from HSS (Shared Services, Foundation Services) - defaults to "HUB:1111"
B_HAS_ROLE	NUMBER (1)	1	No	- True if the user for this session has at least one role registered with HSS (Shared Services, Foundation Services) under the application name found in the c_application_name column

Index Name	Type	Unique	Fields
PK_SESSROLE	NORMAL	Yes	C_SESSION_ID, C_ROLE, C_APPLICATION_NAME
IDXSESSROLE01	NORMAL	No	C_SESSION_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK_SESSROLE01	C_SESSION_ID	PS4EPMA	SM_SESSION

No External Foreign Keys

No Enabled Triggers

SM_USER_STATE

- contains the saved state of user sessions - allows the user interface to be restored to the state it was in when the last session was closed - one row represents one user session whose state has been saved - not specific to a library

Primary Key(s): C_USER_ID

Field	Type	Nulls?	Comments
C_USER_ID	NVARCHAR2 (300)	No	- a system-defined unique user identification that maps one-to-one with the user name
X_STATE	NCLOB	No	- the state of the user session stored in a text format

Index Name	Type	Unique	Fields
PK_USERSTATE	NORMAL	Yes	C_USER_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers