DMRS_DESIGNS

Key	Attribute	Type
*	Design_ID	VARCHAR2 (70)
P *	Design_OVID	VARCHAR2 (36)
*	Design_Name	VARCHAR2 (256)
	Date_Published	TIMESTAMP
	Published_By	VARCHAR2 (80)
*	Persistence_Version	NUMBER (5,2)
	Version_Comments	VARCHAR2 (4000)

DMRS_DESIGNS_PK (Design_OVID)
DESIGNS_PK_IDX (Design_OVID)

DMRS_MODELS

Key	Attribute	Type
*	DESIGN_ID	VARCHAR2 (70)
F *	Design_OVID	VARCHAR2 (36)
*	Design_Name	VARCHAR2 (256)
*	Model_ID	VARCHAR2 (70)
P *	Model_OVID	VARCHAR2 (36)
*	Model_Name	VARCHAR2 (256)
*	Model_Type	VARCHAR2 (30)
	RDBMS_Type	VARCHAR2 (60)

DMRS_MODELS_PK (Model_OVID)
MODELS_PK_IDX (Model_OVID)
MODELS_FK_IDX (Design_OVID)
MODELS_NAME_IDX (Model_Name, Model_OVID)

DMRS_Model_Naming_Options

Key	Attribute	Type
*	Object_type	VARCHAR2 (30)
*	Max_Name_Length	NUMBER (4)
*	Character_Case	VARCHAR2 (10)
*	Valid_Characters	VARCHAR2 (512)
*	Model_ID	VARCHAR2 (70)
*	Model_OVID	VARCHAR2 (36)
*	Model_Name	VARCHAR2 (256)
*	Model_Type	VARCHAR2 (30)
*	Design_OVID	VARCHAR2 (36)

MODEL_NAMING_OPTIONS_FK_IDX (Model_OVID)

DMRS_CLASSIFICATION_TYPES

Key	Attribute	Type
*	Type_ID	VARCHAR2 (70)
P *	Type_OVID	VARCHAR2 (36)
*	Type_Name	VARCHAR2 (256)
*	DESIGN_ID	VARCHAR2 (70)
F *	Design_OVID	VARCHAR2 (36)
*	Design_Name	VARCHAR2 (256)

Classification_Types_PK (Type_OVID)
CLASS_TYPES_PK_IDX (Type_OVID)
CLASS_TYPES_DESIGNS_FK_IDX (Design_OVID)

DMRS_TABLES

Key	Attribute	Type
*	Table_Name	VARCHAR2 (256)
	Abbreviation	VARCHAR2 (30)
*	Object_ID	VARCHAR2 (70)
P *	OVID	VARCHAR2 (36)
	Import_ID	VARCHAR2 (70)
*	Model_ID	VARCHAR2 (70)
F *	Model_OVID	VARCHAR2 (36)
	Structured_Type_ID	VARCHAR2 (70)
	Structured_Type_OVID	VARCHAR2 (36)
	Structured_Type_Name	VARCHAR2 (256)
	Number_Data_Elements	NUMBER
	Classification_Type_ID	VARCHAR2 (70)
F	Classification_Type_OVID	VARCHAR2 (36)
	Classification_Type_Name	VARCHAR2 (256)
	Allow_Type_Substitution	CHAR (1)
	Min_Volume	NUMBER (15)
	Expected_Volume	NUMBER (15)
	Max_Volume	NUMBER (15)
	Growth_Rate_Percents	NUMBER
	Growth_Rate_Interval	VARCHAR2 (5)
	Normal_Form	VARCHAR2 (6)
	Temporary_Object_Scope	VARCHAR2 (30)
	Adequately_Normalized	CHAR (1)
	Substitution_Parent	VARCHAR2 (70)
	Substitution_Parent_OVID	VARCHAR2 (36)
	Engineer	CHAR (1)
	Spatial_Table	CHAR (1)
	OID_is_PK	CHAR (1)
	OID_is_User_Defined	CHAR (1)
	Include_Scripts_Into_DDL	CHAR (1)
	MODEL_NAME	VARCHAR2 (256)
	SUBSTITUTION_PARENT_NAME	VARCHAR2 (256)
*	Design_OVID	VARCHAR2 (36)

DMRS_TABLES_PK (OVID)
TABLES_PK_IDX (OVID)
TABLES_FK_IDX (Classification_Type_OVID)
TABLES_FK_IDXV1 (Model_OVID)
TABLES_NAME_IDX (OVID, Table_Name)

DMRS_COLUMNS

Key	Attribute	Type
*	Column_Name	VARCHAR2 (256)
	Abbreviation	VARCHAR2 (30)
*	Object_ID	VARCHAR2 (70)
P *	OVID	VARCHAR2 (36)
	Import_ID	VARCHAR2 (70)
	Container_ID	VARCHAR2 (70)
F *	Container_OVID	VARCHAR2 (36)
*	Mandatory	CHAR (1)
*	DataType_Kind	VARCHAR2 (20)
	Value_Type	VARCHAR2 (10)
	COMPUTED	CHAR (1)
	Formula	VARCHAR2 (4000)
	ScopeEntity_ID	VARCHAR2 (70)
	ScopeEntity_OVID	VARCHAR2 (36)
	Domain_ID	VARCHAR2 (70)
	Domain_OVID	VARCHAR2 (36)
	Logical_Type_ID	VARCHAR2 (70)
	Logical_Type_OVID	VARCHAR2 (36)
	Distinct_Type_ID	VARCHAR2 (70)
	Distinct_Type_OVID	VARCHAR2 (36)
	Structured_Type_ID	VARCHAR2 (70)
	Structured_Type_OVID	VARCHAR2 (36)
	Collection_Type_ID	VARCHAR2 (70)
	Collection_Type_OVID	VARCHAR2 (36)
	Check_Constraint_Name	VARCHAR2 (256)
	Default_Value	VARCHAR2 (256)
	Use_Domain_Constraint	CHAR (1)
	Domain_Name	VARCHAR2 (256)
	Logical_Type_Name	VARCHAR2 (256)
	Structured_Type_Name	VARCHAR2 (256)
	Distinct_Type_Name	VARCHAR2 (256)
	Collection_Type_Name	VARCHAR2 (256)
	Uses_Default	CHAR (1)
*	Engineer	CHAR (1)
*	Table_Name	VARCHAR2 (256)
	PK_Flag	VARCHAR2 (1)
	FK_Flag	VARCHAR2 (1)
	Native_Type	VARCHAR2 (60)
*	Sequence	NUMBER
*	Model_ID	VARCHAR2 (70)
*	Model_OVID	VARCHAR2 (36)
*	Model_Name	VARCHAR2 (256)
	T_Size	INTEGER
	T_Precision	INTEGER
	T_Scale	INTEGER
	Char_Units	CHAR (4)
	Personally_ID_Information	CHAR (1)
	Sensitive_Information	CHAR (1)
	Mask_For_None_Production	CHAR (1)
	SCOPEENTITY_NAME	VARCHAR2 (256)
	AUTO_INCREMENT_COLUMN	CHAR (1)
	IDENTITY_COLUMN	CHAR (1)
	AUTO_INCREMENT_GENERATE_ALWAYS	CHAR (1)
	AUTO_INCREMENT_START_WITH	NUMBER
	AUTO_INCREMENT_INCREMENT_BY	NUMBER
	AUTO_INCREMENT_MIN_VALUE	NUMBER
	AUTO_INCREMENT_MAX_VALUE	NUMBER
	AUTO_INCREMENT_CYCLE	CHAR (1)
	AUTO_INCREMENT_DISABLE_CACHE	CHAR (1)
	AUTO_INCREMENT_CACHE	NUMBER
	AUTO_INCREMENT_ORDER	CHAR (1)
	AUTO_INCREMENT_SEQUENCE_NAME	VARCHAR2 (256)
	AUTO_INCREMENT_TRIGGER_NAME	VARCHAR2 (256)
*	Design_OVID	VARCHAR2 (36)

DMRS_COLUMNS_PK (OVID)
COLUMNS_FK_IDX (Container_OVID)
COLUMNS_PK_IDX (OVID)
COLUMNS_COM_IDX (Sequence, Column_Name, OVID, Container_OVID)
COLUMNS_DOMAINS_IDX (Column_Name, Domain_OVID, Container_OVID)

DMRS_COLUMN_UI

Key	Attribute	Type
	Label	VARCHAR2 (256)
	Format_Mask	VARCHAR2 (50)
	Form_Display_Width	NUMBER (4)
	Form_Maximum_Width	NUMBER (4)
	Display_As	VARCHAR2 (30)
	Form_Height	NUMBER (4)
	DISPLAYED_ON_FORMS	CHAR (1)
	DISPLAYED_ON_REPORTS	CHAR (1)
	Read_Only	CHAR (1)
	Help_Text	VARCHAR2 (4000)
*	Object_ID	VARCHAR2 (70)
F	Object_OVID	VARCHAR2 (36)
	OBJECT_OVID	VARCHAR2 (36)
	Design_OVID	VARCHAR2 (36)

COLUMN_UI_FK_IDX (Object_OVID)

DMRS_FOREIGNKEYS

Key	Attribute	Type
*	FK_Name	VARCHAR2 (256)
*	Model_ID	VARCHAR2 (70)
F *	Model_OVID	VARCHAR2 (36)
*	Object_ID	VARCHAR2 (70)
P *	OVID	VARCHAR2 (70)
	Import_ID	VARCHAR2 (70)
*	Child_Table_Name	VARCHAR2 (256)
*	Referred_Table_Name	VARCHAR2 (256)
	Engineer	CHAR (1)
	Delete_Rule	VARCHAR2 (10)
*	Child_Table_ID	VARCHAR2 (70)
	Child_Table_OVID	VARCHAR2 (36)
*	Referred_Table_ID	VARCHAR2 (70)
F	Referred_Table_OVID	VARCHAR2 (36)
*	Referred_Key_ID	VARCHAR2 (70)
	Referred_Key_OVID	VARCHAR2 (36)
*	Number_Of_Columns	NUMBER
	Mandatory	CHAR (1)
	Transferable	CHAR (1)
	In_Arc	CHAR (1)
	Arc_ID	VARCHAR2 (70)
	MODEL_NAME	VARCHAR2 (256)
	REFERRED_KEY_NAME	VARCHAR2 (256)
*	Design_OVID	VARCHAR2 (36)

DMRS_FOREIGNKEYS_PK (OVID)
FOREIGNKEYS_PK_IDX (OVID)
FOREIGNKEYS_FK_IDX (Model_OVID)
FOREIGNKEYS_CHILD_T_IDX (OVID, Child_Table_OVID)
FOREIGNKEYS_PARENT_T_IDX (OVID, Referred_Table_OVID)

DMRS_TABLEVIEWS

Key	Attribute	Type
*	TableView_Name	VARCHAR2 (256)
*	Object_ID	VARCHAR2 (70)
P *	OVID	VARCHAR2 (36)
*	Model_ID	VARCHAR2 (70)
F *	Model_OVID	VARCHAR2 (36)
	Structured_Type_ID	VARCHAR2 (70)
	Structured_Type_OVID	VARCHAR2 (36)
	Structured_Type_Name	VARCHAR2 (256)
	WHERE_CLAUSE	VARCHAR2 (4000)
	HAVING_CLAUSE	VARCHAR2 (4000)
*	User_Defined	CHAR (1)
	Engineer	CHAR (1)
	Allow_Type_Substitution	CHAR (1)
	OID_Columns	VARCHAR2 (2000)
	MODEL_NAME	VARCHAR2 (256)
	Design_OVID	VARCHAR2 (36)

DMRS_TABLEVIEWS_PK (OVID)
TABLEVIEWS_PK_IDX (OVID)
TABLEVIEWS_FK_IDX (Model_OVID)

DMRS_View_Containers

Key	Attribute	Type
F *	View_OVID	VARCHAR2 (36)
*	View_ID	VARCHAR2 (70)
*	View_Name	VARCHAR2 (256)
*	Container_ID	VARCHAR2 (70)
*	Container_OVID	VARCHAR2 (36)
*	Container_Name	VARCHAR2 (256)
*	Type	CHAR (1)
	Alias	VARCHAR2 (256)
	Sequence	NUMBER (3)
	Model_ID	VARCHAR2 (70)
	Model_OVID	VARCHAR2 (36)
	Model_Name	VARCHAR2 (256)
	Design_OVID	VARCHAR2 (36)

VIEW_CONTAINERS_FK_IDX (View_OVID)

DMRS_View_Columns

Key	Attribute	Type
F *	View_OVID	VARCHAR2 (36)
*	View_ID	VARCHAR2 (70)
*	View_Name	VARCHAR2 (256)
*	Container_ID	VARCHAR2 (70)
*	Container_OVID	VARCHAR2 (36)
*	Container_Name	VARCHAR2 (256)
	Container_Alias	VARCHAR2 (256)
	Is_Expression	CHAR (1)
*	Column_ID	VARCHAR2 (70)
*	Column_OVID	VARCHAR2 (36)
*	Column_Name	VARCHAR2 (256)
	Column_Alias	VARCHAR2 (256)
	Native_Type	VARCHAR2 (60)
	Type	CHAR (1)
	Expression	VARCHAR2 (2000)
*	Sequence	NUMBER (3)
	Personally_ID_Information	CHAR (1)
	Sensitive_Information	CHAR (1)
	Mask_For_None_Production	CHAR (1)
	Model_ID	VARCHAR2 (70)
	Model_OVID	VARCHAR2 (36)
	Model_Name	VARCHAR2 (256)
*	Design_OVID	VARCHAR2 (36)

VIEW_COLUMNS_FK_IDX (View_OVID)

DMRS_View_Order_Groupby

Key	Attribute	Type
F *	View_OVID	VARCHAR2 (36)
*	View_ID	VARCHAR2 (70)
*	View_Name	VARCHAR2 (256)
*	Container_ID	VARCHAR2 (70)
*	Container_OVID	VARCHAR2 (36)
*	Container_Name	VARCHAR2 (256)
	Container_Alias	VARCHAR2 (256)
	Is_Expression	CHAR (1)
*	Column_ID	VARCHAR2 (70)
*	Column_Name	VARCHAR2 (256)
	Column_Alias	VARCHAR2 (256)
	Native_Type	VARCHAR2 (60)
	Type	CHAR (1)
	Expression	VARCHAR2 (2000)
*	Sequence	NUMBER (3)
	Usage	CHAR (1)
	Sort_Order	VARCHAR2 (4)
	Model_ID	VARCHAR2 (70)
	Model_OVID	VARCHAR2 (36)
	Model_Name	VARCHAR2 (256)
*	Design_OVID	VARCHAR2 (36)

VIEW_ORDER_GROUPBY_FK_IDX (View_OVID)

DMRS_INDEXES

Key	Attribute	Type
*	Index_Name	VARCHAR2 (256)
*	Object_ID	VARCHAR2 (70)
P *	OVID	VARCHAR2 (36)
	Import_ID	VARCHAR2 (70)
*	Container_ID	VARCHAR2 (70)
F *	Container_OVID	VARCHAR2 (36)
*	State	VARCHAR2 (20)
	Functional	CHAR (1)
	Expression	VARCHAR2 (4000)
	Engineer	CHAR (1)
*	Table_Name	VARCHAR2 (256)
	Spatial_Index	CHAR (1)
	Spatial_Layer_Type	VARCHAR2 (15)
	Geodetic_Index	CHAR (1)
	Number_Of_Dimensions	NUMBER
*	Design_OVID	VARCHAR2 (36)

DMRS_INDEXES_PK (OVID)
INDEXES_PK_IDX (OVID)
INDEXES_FK_IDX (Container_OVID)

DMRS_CONSTR_INDEX_COLUMNS

Key	Attribute	Type
*	Index_ID	VARCHAR2 (70)
F	Index_OVID	VARCHAR2 (36)
*	Column_ID	VARCHAR2 (70)
*	Column_OVID	VARCHAR2 (36)
*	OVID	VARCHAR2 (36)
*	Table_OVID	VARCHAR2 (36)
*	Index_Name	VARCHAR2 (256)
*	Table_Name	VARCHAR2 (256)
*	Column_Name	VARCHAR2 (256)
*	Sequence	INTEGER
	Sort_Order	VARCHAR2 (4)
*	Design_OVID	VARCHAR2 (36)

CONSTR_INDEX_COLUMNS_FK_IDX (Index_OVID)
CIC_NAME_IDX (Sequence, Column_Name, Sort_Order, Index_OVID)

Foreign keys of DMR_CONSTR_INDEX_COLUMNS table are not valid since one column is used to refer objects in two different tables

DMRS_SPATIAL_DIMENSIONS

Key	Attribute	Type
*	DEFINITION_ID	VARCHAR2 (70)
F *	Definition_OVID	VARCHAR2 (36)
*	Definition_Name	VARCHAR2 (256)
*	Dimension_Name	VARCHAR2 (256)
*	Low_Boundary	NUMBER
*	Upper_Boundary	NUMBER
	Tolerance	NUMBER
*	Design_OVID	VARCHAR2 (36)

SPATIAL_DIMENSIONS_FK_IDX (Definition_OVID)

DMRS_COLUMN_GROUPS

Key	Attribute	Type
*	Table_ID	VARCHAR2 (70)
F *	Table_OVID	VARCHAR2 (36)
*	SEQUENCE	NUMBER
*	COLUMNGROUP_ID	VARCHAR2 (70)
*	COLUMNGROUP_OVID	VARCHAR2 (36)
*	COLUMNGROUP_NAME	VARCHAR2 (256)
	COLUMNS	VARCHAR2 (4000)
	NOTES	VARCHAR2 (4000)
*	TABLE_NAME	VARCHAR2 (256)
*	DESIGN_OVID	VARCHAR2 (36)

COLUMN_GROUPS_FK_IDX (Table_OVID)

DMRS_PK_OID_COLUMNS

Key	Attribute	Type
*	Column_ID	VARCHAR2 (70)
*	Column_OVID	VARCHAR2 (36)
*	Table_ID	VARCHAR2 (70)
F *	Table_OVID	VARCHAR2 (36)
*	Table_Name	VARCHAR2 (256)
*	Column_Name	VARCHAR2 (256)
*	Design_OVID	VARCHAR2 (36)

PK_OID_COLUMNS_FK_IDX (Table_OVID)

DMRS_TABLE_INCLUDE_SCRIPTS

Key	Attribute	Type
*	Table_ID	VARCHAR2 (70)
F *	Table_OVID	VARCHAR2 (36)
	TABLE_NAME	VARCHAR2 (256)
	Type	VARCHAR2 (15)
*	Sequence	NUMBER
*	Text	VARCHAR2 (4000)
*	Design_OVID	VARCHAR2 (36)

TABLE_INCLUDE_SCRIPTS_FK_IDX (Table_OVID)

DMRS_TABLE_CONSTRAINTS

Key	Attribute	Type
*	Table_ID	VARCHAR2 (70)
F *	Table_OVID	VARCHAR2 (36)
*	Sequence	NUMBER
*	CONSTRAINT_ID	VARCHAR2 (70)
*	CONSTRAINT_OVID	VARCHAR2 (36)
*	Constraint_Name	VARCHAR2 (256)
*	Text	VARCHAR2 (4000)
*	Table_Name	VARCHAR2 (256)
*	Design_OVID	VARCHAR2 (36)

TABLE_CONSTRAINTS_FK_IDX (Table_OVID)

DMRS_SPATIAL_COLUMN_DEFINITION

Key	Attribute	Type
*	Table_ID	VARCHAR2 (70)
F *	Table_OVID	VARCHAR2 (70)
*	DEFINITION_ID	VARCHAR2 (70)
P *	Definition_OVID	VARCHAR2 (36)
*	Definition_Name	VARCHAR2 (256)
*	Table_Name	VARCHAR2 (256)
	Column_ID	VARCHAR2 (70)
	Column_OVID	VARCHAR2 (36)
	Column_Name	VARCHAR2 (256)
*	Use_Function	CHAR (1)
	Function_Expression	VARCHAR2 (4000)
	Coordinate_System_ID	VARCHAR2 (70)
*	Has_Spatial_Index	CHAR (1)
	Spatial_Index_ID	VARCHAR2 (70)
	Spatial_Index_OVID	VARCHAR2 (36)
	SPATIAL_INDEX_NAME	VARCHAR2 (256)
*	Design_OVID	VARCHAR2 (36)

Spatial_Col_Def_PK (Definition_OVID)
SPATIAL_COL_DEFINITION_PK_IDX (Definition_OVID)
SPATIAL_COL_DEFINITION_FK_IDX (Table_OVID)