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## ps4calc (Tables)

### ***CALCMGRCACHEEVENTS***

This table stores events that are used to synch other calc servers

**Primary Key(s):**

Field	Type	Default	Nulls?	Comments
ACTION	NVARCHAR2 (10)		No	type of event (add, delete, modify)
ACTIONTIME	TIMESTAMP(6)	systimestamp	No	time of the event
CACHENAME	NVARCHAR2 (512)		No	cache name
CLASSNAME	NVARCHAR2 (255)		No	class name generating the event
KEYDEF	BLOB		Yes	key that identifies the object in cache
DATA	BLOB		Yes	the data associated with the event
SOURCE	NVARCHAR2 (512)		Yes	source server generating the event

Index Name	Type	Unique	Fields
IDXCALCMGRCACHEEVENTS1	NORMAL	No	ACTIONTIME

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

### ***CALCMGRCOMPONENTS***

This table stores all script and formulas

**Primary Key(s): ID**

Field	Type	Default	Nulls?	Comments
ID	NUMBER (10)		No	ID of the object
NAME	NVARCHAR2 (512)		No	Name of the object
UPPERNAME	NVARCHAR2 (512)		No	Name of the object in uppercase
DESCRIPTION	NVARCHAR2 (255)		Yes	Description of the object
OWNER	NVARCHAR2 (255)		Yes	Creator of the object
CREATED	TIMESTAMP(6)	systimestamp	No	Create time
MODIFIEDBY	NVARCHAR2 (255)		Yes	User modified the object last
LASTMODIFIED	TIMESTAMP(6)		Yes	Last modified time
LOCKEDBY	NVARCHAR2 (255)		Yes	User who has the current lock

Field	Type	Default	Nulls?	Comments
OPENFOREEDITINGBY	NVARCHAR2 (255)		Yes	User who has the object open for editing
ISOPENFOREEDITING	NUMBER (3)		Yes	Indicates if the object is being edited
OBJECTTYPEID	NUMBER (10)		No	Object type
PRODUCTTYPE	NUMBER (10)		No	Product ID
PROPERTY	BLOB		Yes	Object properties
BODY	BLOB		Yes	Object defenition
LOCATION	NVARCHAR2 (255)		Yes	Application Name
LOCATIONSUBTYPE	NVARCHAR2 (255)		Yes	Plantype or database name
VALIDATESTATUS	NUMBER (3)		Yes	Validation status
DEPLOYSTATUS	NUMBER (3)		Yes	Deployed status

Index Name	Type	Unique	Fields
PKCALCMGRCOMPONENTS1	NORMAL	Yes	ID
UKCALCMGRCOMPONENTS1	NORMAL	Yes	PRODUCTTYPE, NAME, LOCATION, LOCATIONSUBTYPE, OBJECTTYPEID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

## ***CALCMGRCONFIG***

This table stores any configurable parameters and the values

**Primary Key(s):**

Field	Type	Nulls?	Comments
CONFIGKEY	NVARCHAR2 (50)	Yes	Configuration parameter name
CONFIGVALUE	NVARCHAR2 (255)	Yes	Configuration parameter value

No Indexes

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

## ***CALCMGRDEPLOYDETAILS***

### **Primary Key(s):**

Field	Type	Default	Nulls?	Comments
OBJECTID	NUMBER (10)		No	ID of the object
OBJECTTYPE	NUMBER (10)		No	Type of the object
APPLICATION	NVARCHAR2 (255)		Yes	Application Name
APPLICATIONID	NUMBER (10)		No	Application ID
APPLICATIONTYPE	NVARCHAR2 (255)		Yes	Plantype or database name
DEPLOYTIME	TIMESTAMP(6)	systimestamp	Yes	Deployed time

Index Name	Type	Unique	Fields
IDXCALCMGRDEPLOYDETAILS1	NORMAL	No	OBJECTID, OBJECTTYPE
IDXCALCMGRDEPLOYDETAILS2	NORMAL	No	APPLICATION
IDXCALCMGRDEPLOYDETAILS3	NORMAL	No	APPLICATIONID
UKCALCMGRDEPLOYDETAILS1	NORMAL	Yes	OBJECTID, OBJECTTYPE, APPLICATIONID, APPLICATION, APPLICATIONTYPE

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

## ***CALCMGRDEPLOYEDVIEW***

This table stores all objects that are deployed to other products

### **Primary Key(s):**

Field	Type	Nulls?	Comments
PRODUCTTYPE	NUMBER (10)	No	Product ID
APPLICATIONNAME	NVARCHAR2 (255)	No	Application Name
APPLICATIONID	NUMBER (10)	Yes	Application ID
PLANTYPE	NVARCHAR2 (255)	Yes	Plantype or database name
CALCTYPE	NVARCHAR2 (50)	Yes	Calctype name
OBJECTID	NUMBER (10)	No	ID of the object
OBJECTTYPE	NUMBER (10)	No	Type of the object
NAME	NVARCHAR2 (512)	No	Name of the object
DEPLOYTIME	TIMESTAMP(6)	Yes	Deployed time

Field	Type	Nulls?	Comments
BODY	BLOB	Yes	for future use

Index Name	Type	Unique	Fields
IDXCALCMGRDEPLOYEDVIEW2	NORMAL	No	PRODUCTTYPE, APPLICATIONNAME, PLANTYPE
UKCALCMGRDEPLOYEDVIEW1	NORMAL	Yes	PRODUCTTYPE, APPLICATIONNAME, APPLICATIONID, PLANTYPE, OBJECTID, OBJECTTYPE
IDXCALCMGRDEPLOYEDVIEW1	NORMAL	No	OBJECTID, OBJECTTYPE

**No Check Constraints**

**No Internal Foreign Keys**

**No External Foreign Keys**

**No Enabled Triggers**

## ***CALCMGRDEPLOYVIEW***

This table stores all objects that are marked for deployment

**Primary Key(s):**

Field	Type	Nulls?	Comments
PRODUCTTYPE	NUMBER (10)	No	Product ID
APPLICATIONNAME	NVARCHAR2 (255)	No	Application Name
APPLICATIONID	NUMBER (10)	Yes	Application ID
PLANTYPE	NVARCHAR2 (255)	Yes	Plantype or database name
CALCTYPE	NVARCHAR2 (50)	Yes	Calctype name
OBJECTID	NUMBER (10)	No	ID of the object
OBJECTTYPE	NUMBER (10)	No	Type of the object
NAME	NVARCHAR2 (512)	No	Name of the object
DEPLOYTIME	TIMESTAMP(6)	Yes	Deployed time
BODY	BLOB	Yes	for future use

Index Name	Type	Unique	Fields
IDXCALCMGRDEPLOYVIEW1	NORMAL	No	OBJECTID, OBJECTTYPE
IDXCALCMGRDEPLOYVIEW2	NORMAL	No	PRODUCTTYPE, APPLICATIONNAME, PLANTYPE
UKCALCMGRDEPLOYVIEW1	NORMAL	Yes	PRODUCTTYPE, APPLICATIONNAME, APPLICATIONID, PLANTYPE, OBJECTID, OBJECTTYPE

**No Check Constraints**

**No Internal Foreign Keys**

No External Foreign Keys

No Enabled Triggers

## **CALCMGRFOLDERS**

This table stores all folder objects

**Primary Key(s): ID**

Field	Type	Default	Nulls?	Comments
ID	NUMBER (10)		No	ID of the object
NAME	NVARCHAR2 (512)		No	Name of the object
UPPERNAME	NVARCHAR2 (512)		No	Name of the object in uppercase
DESCRIPTION	NVARCHAR2 (255)		Yes	Description of the object
OWNER	NVARCHAR2 (255)		Yes	Creator of the object
CREATED	TIMESTAMP(6)	systimestamp	No	Create time
MODIFIEDBY	NVARCHAR2 (255)		Yes	User modified the object last
LASTMODIFIED	TIMESTAMP(6)		Yes	Last modified time
LOCKEDBY	NVARCHAR2 (255)		Yes	User who has the current lock
OPENFOREEDITINGBY	NVARCHAR2 (255)		Yes	User who has the object open for editing
ISOPENFOREEDITING	NUMBER (3)		Yes	Indicates if the object is being edited
OBJECTTYPEID	NUMBER (10)		No	Object type
PRODUCTTYPE	NUMBER (10)		No	Product ID
PROPERTY	BLOB		Yes	Object properties
BODY	BLOB		Yes	Object defenition
LOCATION	NVARCHAR2 (255)		Yes	Application Name
LOCATIONSUBTYPE	NVARCHAR2 (255)		Yes	Plantype or database name
VALIDATESTATUS	NUMBER (3)		Yes	Validation status
DEPLOYSTATUS	NUMBER (3)		Yes	Deployed status

Index Name	Type	Unique	Fields
PKCALCMGRFOLDERS1	NORMAL	Yes	ID
UKCALCMGRFOLDERS1	NORMAL	Yes	PRODUCTTYPE, NAME, LOCATION, LOCATIONSUBTYPE

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

## ***CALCMGRFUNCTIONS***

This table stores all user defined functions

### **Primary Key(s):**

Field	Type	Nulls?	Comments
APPLICATIONNAME	NVARCHAR2 (255)	No	Application Name
PLANTYPE	NVARCHAR2 (255)	Yes	Plantype or the database
BODY	BLOB	Yes	function defenition

Index Name	Type	Unique	Fields
UKCALCMGRFUNCTIONS1	NORMAL	Yes	APPLICATIONNAME, PLANTYPE

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

## ***CALCMGROBJECTLINKS***

This table stores all the references and relationship between calc manager objects

### **Primary Key(s):**

Field	Type	Nulls?	Comments
PARENTID	NUMBER (10)	No	Identifies the parent object id
PARENTTYPE	NUMBER (10)	No	Identifies the parent-child reference type
CHILDDID	NUMBER (10)	No	Identifies the child object id
CHILDTYPE	NUMBER (10)	No	Identifies the child object type
CHILDINDEX	NUMBER (10)	No	Identifies the child object index

Index Name	Type	Unique	Fields
IDXCALCMGROBJECTLINKS1	NORMAL	No	PARENTID, PARENTTYPE
IDXCALCMGROBJECTLINKS2	NORMAL	No	CHILDDID, CHILDTYPE
UKCALCMGROBJECTLINKS1	NORMAL	Yes	PARENTID, PARENTTYPE, CHILDDID, CHILDTYPE, CHILDINDEX

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

## CALCMGRRULES

This table stores all rule objects

**Primary Key(s): ID**

Field	Type	Default	Nulls?	Comments
ID	NUMBER (10)		No	ID of the object
NAME	NVARCHAR2 (512)		No	Name of the object
UPPERNAME	NVARCHAR2 (512)		No	Name of the object in uppercase
DESCRIPTION	NVARCHAR2 (255)		Yes	Description of the object
OWNER	NVARCHAR2 (255)		Yes	Creator of the object
CREATED	TIMESTAMP(6)	systimestamp	No	Create time
MODIFIEDBY	NVARCHAR2 (255)		Yes	User modified the object last
LASTMODIFIED	TIMESTAMP(6)		Yes	Last modified time
LOCKEDBY	NVARCHAR2 (255)		Yes	User who has the current lock
OPENFOREEDITINGBY	NVARCHAR2 (255)		Yes	User who has the object open for editing
ISOPENFOREEDITING	NUMBER (3)		Yes	Indicates if the object is being edited
OBJECTTYPEID	NUMBER (10)		No	Object type
PRODUCTTYPE	NUMBER (10)		No	Product ID
PROPERTY	BLOB		Yes	Object properties
BODY	BLOB		Yes	Object defenition
LOCATION	NVARCHAR2 (255)		Yes	Application Name
LOCATIONSUBTYPE	NVARCHAR2 (255)		Yes	Plantype or database name
VALIDATESTATUS	NUMBER (3)		Yes	Validation status
DEPLOYSTATUS	NUMBER (3)		Yes	Deployed status

Index Name	Type	Unique	Fields
PKCALCMGRRULES1	NORMAL	Yes	ID
UKCALCMGRRULES1	NORMAL	Yes	PRODUCTTYPE, NAME, LOCATION, LOCATIONSUBTYPE

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

## CALCMGRSEQUENCES

This table stores all rule set objects

**Primary Key(s): ID**



Field	Type	Default	Nulls?	Comments
ID	NUMBER (10)		No	ID of the object
NAME	NVARCHAR2 (512)		No	Name of the object
UPPERNAME	NVARCHAR2 (512)		No	Name of the object in uppercase
DESCRIPTION	NVARCHAR2 (255)		Yes	Description of the object
OWNER	NVARCHAR2 (255)		Yes	Creator of the object
CREATED	TIMESTAMP(6)	systimestamp	No	Create time
MODIFIEDBY	NVARCHAR2 (255)		Yes	User modified the object last
LASTMODIFIED	TIMESTAMP(6)		Yes	Last modified time
LOCKEDBY	NVARCHAR2 (255)		Yes	User who has the current lock
OPENFOREEDITINGBY	NVARCHAR2 (255)		Yes	User who has the object open for editing
ISOPENFOREEDITING	NUMBER (3)		Yes	Indicates if the object is being edited
OBJECTTYPEID	NUMBER (10)		No	Object type
PRODUCTTYPE	NUMBER (10)		No	Product ID
PROPERTY	BLOB		Yes	Object properties
BODY	BLOB		Yes	Object defenition
LOCATION	NVARCHAR2 (255)		Yes	Application Name
LOCATIONSUBTYPE	NVARCHAR2 (255)		Yes	Plantype or database name
VALIDATESTATUS	NUMBER (3)		Yes	Validation status
DEPLOYSTATUS	NUMBER (3)		Yes	Deployed status

Index Name	Type	Unique	Fields
PKCALCMGRSEQUENCES1	NORMAL	Yes	ID
UKCALCMGRSEQUENCES1	NORMAL	Yes	PRODUCTTYPE, NAME, LOCATION

**No Check Constraints**

**No Internal Foreign Keys**

**No External Foreign Keys**

**No Enabled Triggers**

## ***CALCMGRSHORTCUTS***

This table stores all shortcut objects

**Primary Key(s):**

Field	Type	Nulls?	Comments
PRODUCT	NUMBER (10)	No	Product ID
APPLICATIONNAME	NVARCHAR2 (255)	No	Application Name

Field	Type	Nulls?	Comments
APPLICATIONID	NUMBER (10)	Yes	Application ID
PLANTYPE	NVARCHAR2 (255)	Yes	Plantype or database name
OBJECTID	NUMBER (10)	No	ID of the object
OBJECTTYPE	NUMBER (10)	No	Type of the object
NAME	NVARCHAR2 (512)	No	Name of the object
VALIDATESTATUS	NUMBER (3)	Yes	Validation status
DEPLOYSTATUS	NUMBER (3)	Yes	Deployed status

Index Name	Type	Unique	Fields
IDXCALCMGRSHORTCUTS1	NORMAL	No	OBJECTID, OBJECTTYPE

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

## CALCMGRTEMPLATES

This table stores all template objects

**Primary Key(s): ID**

Field	Type	Default	Nulls?	Comments
ID	NUMBER (10)		No	ID of the object
NAME	NVARCHAR2 (512)		No	Name of the object
UPPERNAME	NVARCHAR2 (512)		No	Name of the object in uppercase
DESCRIPTION	NVARCHAR2 (255)		Yes	Description of the object
OWNER	NVARCHAR2 (255)		Yes	Creator of the object
CREATED	TIMESTAMP(6)	sysimestamp	No	Create time
MODIFIEDBY	NVARCHAR2 (255)		Yes	User modified the object last
LASTMODIFIED	TIMESTAMP(6)		Yes	Last modified time
LOCKEDBY	NVARCHAR2 (255)		Yes	User who has the current lock
OPENFOREEDITINGBY	NVARCHAR2 (255)		Yes	User who has the object open for editing
ISOPENFOREEDITING	NUMBER (3)		Yes	Indicates if the object is being edited
OBJECTTYPEID	NUMBER (10)		No	Object type
PRODUCTTYPE	NUMBER (10)		No	Product ID
PROPERTY	BLOB		Yes	Object properties
BODY	BLOB		Yes	Object definition

Field	Type	Default	Nulls?	Comments
LOCATION	NVARCHAR2 (255)		Yes	Application Name
LOCATIONSUBTYPE	NVARCHAR2 (255)		Yes	Plantype or database name
VALIDATESTATUS	NUMBER (3)		Yes	Validation status
DEPLOYSTATUS	NUMBER (3)		Yes	Deployed status

Index Name	Type	Unique	Fields
PKCALCMGRTEMPLATES1	NORMAL	Yes	ID
UKCALCMGRTEMPLATES1	NORMAL	Yes	PRODUCTTYPE, NAME, LOCATION, LOCATIONSUBTYPE

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

## ***CALCMGRUSERSETTINGS***

This table stores all user preferences and choices made

**Primary Key(s):**

Field	Type	Nulls?	Comments
USERID	NVARCHAR2 (256)	Yes	identifies the user
NAME	NVARCHAR2 (50)	Yes	preference key
SETTINGS	BLOB	Yes	preference value

Index Name	Type	Unique	Fields
UKCALCMGRUSERSETTINGS1	NORMAL	Yes	USERID, NAME

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

## ***CALCMGRVARIABLES***

This table stores all variable objects

**Primary Key(s): ID**

Field	Type	Default	Nulls?	Comments
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Field	Type	Default	Nulls?	Comments
ID	NUMBER (10)		No	ID of the object
NAME	NVARCHAR2 (512)		No	Name of the object
UPPERNAME	NVARCHAR2 (512)		No	Name of the object in uppercase
DESCRIPTION	NVARCHAR2 (255)		Yes	Description of the object
OWNER	NVARCHAR2 (255)		Yes	Creator of the object
CREATED	TIMESTAMP(6)	systimestamp	No	Create time
MODIFIEDBY	NVARCHAR2 (255)		Yes	User modified the object last
LASTMODIFIED	TIMESTAMP(6)		Yes	Last modified time
LOCKEDBY	NVARCHAR2 (255)		Yes	User who has the current lock
OPENFOREEDITINGBY	NVARCHAR2 (255)		Yes	User who has the object open for editing
ISOPENFOREEDITING	NUMBER (3)		Yes	Indicates if the object is being edited
OBJECTTYPEID	NUMBER (10)		No	Object type
PRODUCTTYPE	NUMBER (10)		No	Product ID
PROPERTY	BLOB		Yes	Object properties
BODY	BLOB		Yes	Object defenition
LOCATION	NVARCHAR2 (255)		Yes	Application Name
LOCATIONSUBTYPE	NVARCHAR2 (255)		Yes	Plantype or database name
VALIDATESTATUS	NUMBER (3)		Yes	Validation status
DEPLOYSTATUS	NUMBER (3)		Yes	Deployed status
PARENTID	NUMBER (10)		Yes	ID of the parent object. If it is a rule leveel variable, identfies the rule id
PARENTTYPE	NUMBER (10)		Yes	Type of the parent

Index Name	Type	Unique	Fields
PKCALCMGRVARIABLES1	NORMAL	Yes	ID
UKCALCMGRVARIABLES1	NORMAL	Yes	PRODUCTTYPE, NAME, LOCATION, LOCATIONSUBTYPE, PARENTID, PARENTTYPE

**No Check Constraints**

**No Internal Foreign Keys**

**No External Foreign Keys**

**No Enabled Triggers**