



Reporting Technical Reference

7.6 Data Mart Conceptual Data Model

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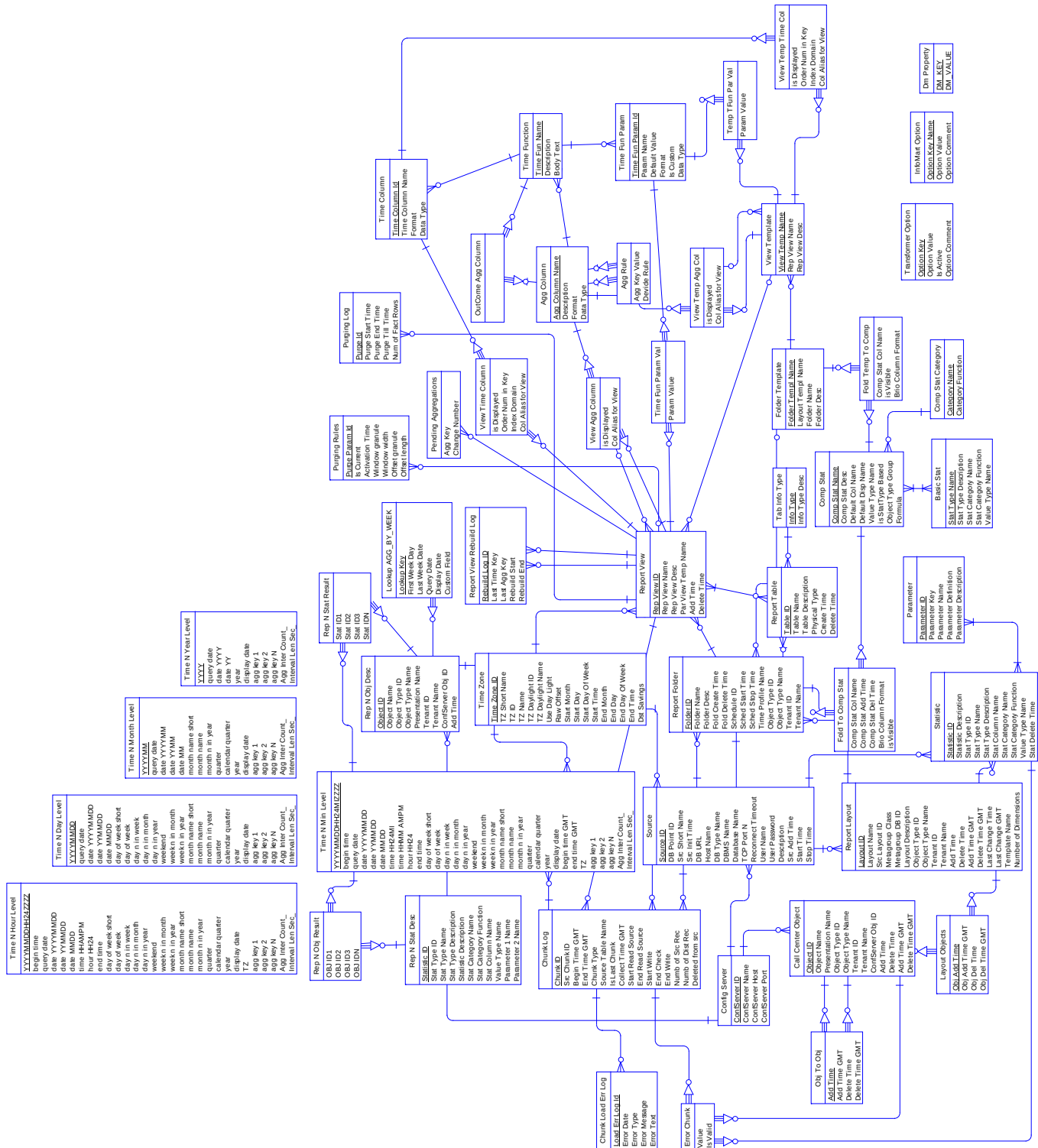
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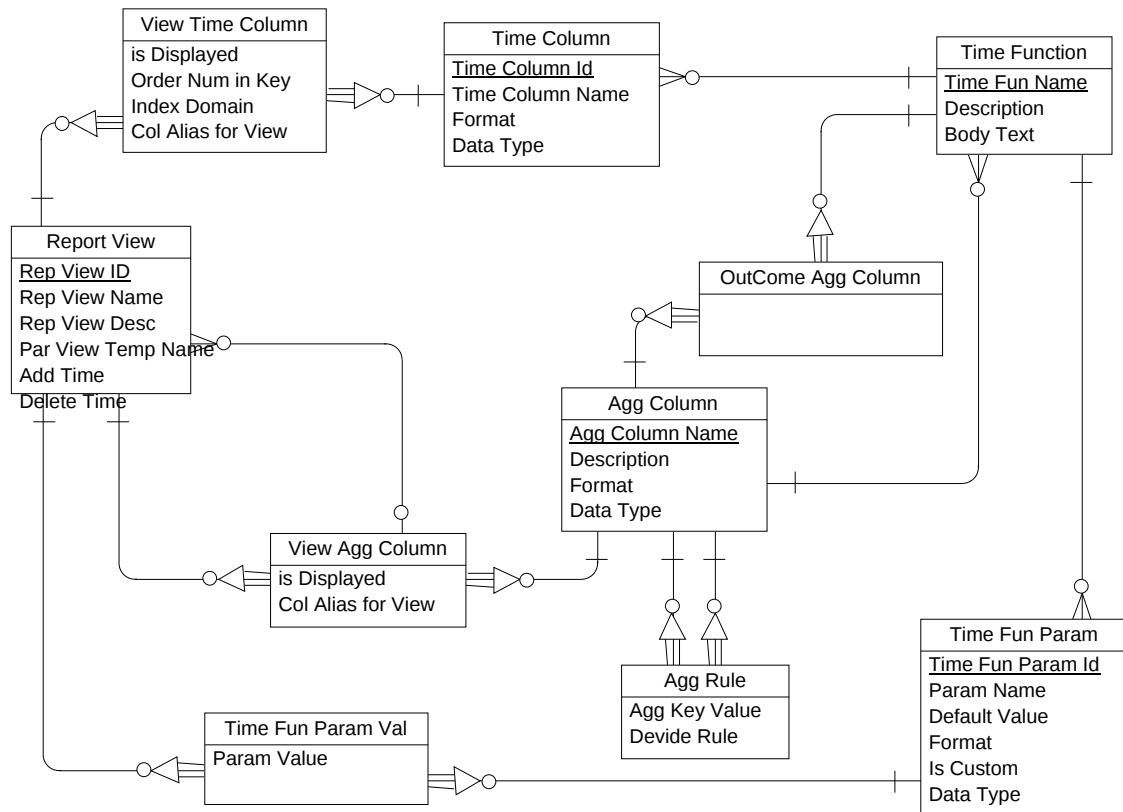
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Global Model Graph



Data Mart Aggregation Model



Lists of Objects

Data Item List

Name	Code	Type
Activation Time	ACTIVATION_TIME	DT
Add Time	ADD_TIME	DT
Add Time	ADD_TIME	DT
Add Time GMT	ADD_TIME_GMT	DT
Agg Column Name	AGG_COLUMN_NAME	VA18
Agg Inter Count_	AGG_INTER_COUNT_	N
Agg Key	AGG_KEY	VA255
agg key 1	AGG_KEY_1	VA255
agg key 2	AGG_KEY_2	VA255
agg key 2	AGG_KEY_2	VA255
agg key N	AGG_KEY_N	VA255
Agg Key Value	AGG_KEY_VALUE	VA255
begin time	BEGIN_TIME	DT
Begin Time GMT	BEGIN_TIME_GMT	DT
Body Text	BODY_TEXT	TXT
Brio Column Format	BRIO_COLUMN_FORMAT	VA255
calendar quarter	CALENDAR_QUARTER	VA8
Category Function	CATEGORY_FUNCTION	VA10
Category Name	CATEGORY_NAME	VA64
Change Number	CNUMBER	N
Chunk ID	CHUNK_ID	VA14
Chunk Type	CHUNK_TYPE	I
Col Alias for View	COL_ALIAS_FOR_VIEW	VA18
Collect Time GMT	COLLECT_TIME_GMT	DT
Comp Stat Add Time	COMP_STAT_ADD_TIME	DT
Comp Stat Col Name	COMP_STAT_COL_NAME	VA18
Comp Stat Col Name	COMP_STAT_COL_NAME	VA18
Comp Stat Del Time	COMP_STAT_DEL_TIME	DT
Comp Stat Desc	COMP_STAT_DESC	VA255
Comp Stat Name	COMP_STAT_NAME	VA64
ConfServer Host	CONFSERVER_HOST	VA64
ConfServer ID	CONFSERVER_ID	VA3
ConfServer Name	CONFSERVER_NAME	VA64
ConfServer Obj ID	CONFSERVER_OBJ_ID	I
ConfServer Port	CONFSERVER_PORT	I
Create Time	CREATE_TIME	DT
Custom Field	CUSTOM_FIELD	VA255
Data Type	DATA_TYPE	VA32
Database Name	DATABASE_NAME	VA255
date MM	DATE_MM	VA4
date MMDD	DATE_MMDD	VA4
date YY	DATE_YY	VA2
date YYYY	DATE_YYYY	VA4
date YYYYMM	DATE_YYYYMM	VA6
date YYYYMMDD	DATE_YYYYMMDD	VA8
date YYYY	DATE_YYYY	VA4
date YYYYMM	DATE_YYYYMM	VA6
date YYYYMMDD	DATE_YYYYMMDD	VA8
day n in month	DAY_N_IN_MONTH	VA2
day n in week	DAY_N_IN_WEEK	VA1
day n in year	DAY_N_IN_YEAR	VA3
day of week	DAY_OF_WEEK	VA16

Name	Code	Type
day of week short	DAY_OF_WEEK_SHORT	VA3
DB Point ID	DB_POINT_ID	I
DB Type Name	DB_TYPE_NAME	VA10
DB URL	DB_URL	VA255
DBMS Name	DBMS_NAME	VA255
Default Col Name	DEFAULT_COL_NAME	VA18
Default Disp Name	DEFAULT_DISP_NAME	VA255
Default Value	DEFAULT_VALUE	VA255
Delete Time	DELETE_TIME	DT
Delete Time GMT	DELETE_TIME_GMT	DT
Deleted from src	DELETED_FROM_SRC	DT
Description	DESCRIPTION	VA255
Devide Rule	DEVIDE_RULE	DC
Display Date	DISPLAY_DATE	VA255
DM_KEY	DM_KEY	VA255
DM_VALUE	DM_VALUE	VA255
Dst Savings	DST_SAVINGS	I
End Check	END_CHECK	DT
End Day	END_DAY	I
End Day Of Week	END_DAY_OF_WEEK	I
End Month	END_MONTH	I
End Read Source	END_READ_SOURCE	DT
end time	END_TIME	DT
End Time	END_TIME	I
End Time GMT	END_TIME_GMT	DT
end time GMT	END_TIME_GMT	DT
End Write	END_WRITE	DT
Error Date	ERROR_DATE	DT
Error Message	ERROR_MESSAGE	VA255
Error Text	ERROR_TEXT	TXT
Error Type	ERROR_TYPE	VA255
First Week Day	FIRST_WEEK_DAY	DT
Fold Create Time	FOLD_CREATE_TIME	DT
Fold Delete Time	FOLD_DELETE_TIME	DT
Folder Desc	FOLDER_DESC	VA255
Folder ID	FOLDER_ID	I
Folder Name	FOLDER_NAME	VA255
Folder Templ Name	FOLDER_TEMPL_NAME	VA64
Format	FORMAT	VA255
Formula	FORMULA	TXT
Host Name	HOST_NAME	VA255
hour HH24	HOUR_HH24	VA2
hour HH24	HOUR_HH242	VA2
Index Domain	INDEX_DOMAIN	VA255
Info Type	INFO_TYPE	VA20
Info Type Desc	INFO_TYPE_DESC	VA255
Interval Len Sec_	INTERVAL_LEN_SEC_	N
Is Active	IS_ACTIVE	BL
Is Current	IS_CURRENT	N1
Is Custom	IS_CUSTOM	VA1
is Displayed	IS_DISPLAYED	VA1
Is Last Chunk	IS_LAST_CHUNK	N1
is StatType Based	IS_STATTYPE_BASED	VA1
Is Valid	IS_VALID	N1
is Visible	IS_VISIBLE	VA1
Last Agg Key	LAST_AGG_KEY	VA255

Name	Code	Type
Last Change GMT	LAST_CHANGE_GMT	DT
Last Change Time	LAST_CHANGE_TIME	DT
Last Time Key	LAST_TIME_KEY	VA255
Last Week Date	LAST_WEEK_DATE	DT
Layout Description	LAYOUT_DESCRIPTION	VA255
Layout ID	LAYOUT_ID	VA14
Layout Name	LAYOUT_NAME	VA255
Layout Templ Name	LAYOUT_TEMPL_NAME	VA10
Load Err Log Id	LOAD_ERR_LOG_ID	I
Lookup Key	LOOKUP_KEY	VA6
Metagroup Class	METAGROUP_CLASS	I
Metagroup DB ID	METAGROUP_DB_ID	VA14
month n in year	MONTH_N_IN_YEAR	VA2
month name	MONTH_NAME	VA16
month name short	MONTH_NAME_SHORT	VA3
Num of Fact Rows	NUM_OF_FACT_ROWS	N
Numb of Dist Rec	NUMB_OF_DIST_REC	I
Numb of Src Rec	NUMB_OF_SRC_REC	I
Number of Dimensions	NUM_OF_DIMENSIONS	VA3
Obj Add Time	OBJ_ADD_TIME	DT
Obj Add Time GMT	OBJ_ADD_TIME_GMT	DT
Obj Del Time	OBJ_DEL_TIME	DT
Obj Del Time GMT	OBJ_DEL_TIME_GMT	DT
OBJ ID1	OBJ_ID1	N
OBJ ID2	OBJ_ID2	N
OBJ ID3	OBJ_ID3	N
OBJ IDN	OBJ_IDN	N
Object ID	OBJECT_ID	VA14
Object ID	OBJECT_ID	VA27
Object Name	OBJECT_NAME	VA255
Object Type Group	OBJECT_TYPE_GROUP	VA64
Object Type ID	OBJECT_TYPE_ID	I
Object Type Name	OBJECT_TYPE_NAME	VA255
Offset granule	OFFSET_GRANULE	VA64
Offset length	OFFSET_LENGTH	N
Option Comment	OPTION_COMMENT	VA255
Option Key	OPTION_KEY	I
Option Key Name	OPTION_KEY_NAME	VA255
Option Value	OPTION_VALUE	VA255
Order Num in Key	ORDER_NUM_IN_KEY	N
Order Num in Key	ORDER_NUM_IN_KEY	N
Par View Temp Name	PAR_VIEW_TEMP_NAME	VA64
Param Name	PARAM_NAME	VA255
Param Value	PARAM_VALUE	VA255
Parameter 1 Name	PARAMETER_1_NAME	VA255
Parameter 2 Name	PARAMETER_2_NAME	VA255
Parameter Definition	PARAMETER_DEF	TXT
Parameter Description	PARAMETER_DESCR	VA255
Parameter ID	PARAMETER_ID	VA14
Parameter Key	PARAMETER_KEY	VA32
Parameter Name	PARAMETER_NAME	VA255
Physical Type	PHYSICAL_TYPE	VA20
Presentation Name	PRESENTATION_NAME	VA255
Purge End Time	PURGE_END_TIME	DT
Purge Id	PURGE_ID	N
Purge Param Id	PURGE_PARAM_ID	N

Name	Code	Type
Purge Start Time	PURGE_START_TIME	DT
Purge Till Time	PURGE_TILL_TIME	DT
quarter	QUARTER	A1
Query Date	QUERY_DATE	VA255
Raw Offset	RAW_OFFSET	I
Rebuild End	REBUILD_END	DT
Rebuild End2	REBUILD_END2	DT
Rebuild Log ID	REBUILD_LOG_ID	I
Rebuild Log ID2	REBUILD_LOG_ID2	I
Rebuild Start	REBUILD_START	DT
Rebuild Start2	REBUILD_START2	DT
Reconnect Timeout	RECONNECT_TIMEOUT	I
Rep View Desc	REP_VIEW_DESC	VA255
Rep View ID	REP_VIEW_ID	I
Rep View Name	REP_VIEW_NAME	VA64
Rep View Name	REP_VIEW_NAME	VA255
Sched Start Time	SCHED_START_TIME	DT
Sched Stop Time	SCHED_STOP_TIME	DT
Schedule ID	SCHEDULE_ID	VA14
Source ID	SOURCE_ID	VA4
Source Table Name	SOURCE_TABLE_NAME	VA20
Src Add Time	SRC_ADD_TIME	DT
Src Chunk ID	SRC_CHUNK_ID	I
Src Init Time	SRC_INIT_TIME	VA255
Src Layout ID	SRC_LAYOUT_ID	I
Src Short Name	SRC_SHORT_NAME	VA30
Start Day	START_DAY	I
Start Day Of Week	START_DAY_OF_WEEK	I
Start Month	START_MONTH	I
Start Read Source	START_READ_SOURCE	DT
Start Time	START_TIME	DT
Start Time	START_TIME	I
Start Write	START_WRITE	DT
Stat Category Function	STAT_CATEGORY_FUNC	VA10
Stat Category Name	STAT_CATEGORY_NAME	VA64
Stat Column Name	STAT_COLUMN_NAME	VA18
Stat Delete Time	STAT_DEL_TIME	DT
Stat ID1	STAT_ID1	N
Stat ID2	STAT_ID2	N
Stat ID3	STAT_ID3	N
Stat IDN	STAT_IDN	N
Stat Type Description	STAT_TYPE_DESCR	VA255
Stat Type ID	STAT_TYPE_ID	VA14
Stat Type Name	STAT_TYPE_NAME	VA255
Statistic Description	STATISTIC_DESCR	VA255
Statistic ID	STATISTIC_ID	VA14
Stop Time	STOP_TIME	DT
Table Description	TABLE_DESCRIPTION	VA255
Table ID	TABLE_ID	I
Table Name	TABLE_NAME	VA255
TCP Port N	TCP_PORT_N	I
Template Name	TEMPLATE_NAME	VA10
Tenant ID	TENANT_ID	VA14
Tenant Name	TENANT_NAME	VA255
Time Column Id	TIME_COLUMN_ID	I
Time Column Name	TIME_COLUMN_NAME	VA18

Name	Code	Type
Time Fun Name	TIME_FUN_NAME	VA255
Time Fun Param Id	TIME_FUN_PARAM_ID	I
time HH24MI	TIME_HH24MI	VA4
time HHAMPM	TIME_HHAMPM	VA4
time HHMM AMPM	TIME_HHMM_AMPM	VA6
Time Profile Name	TIME_PROFILE_NAME	VA255
Time Zone ID	TIME_ZONE_ID	I
TZ	TZ	VA4
TZ Daylight ID	TZ_DAYLIGHT_ID	VA10
TZ Daylight Name	TZ_DAYLIGHT_NAME	VA255
TZ ID	TZ_ID	VA10
TZ Name	TZ_NAME	VA255
TZ Short Name	TZ_SHORT_NAME	VA30
Use Day Light	USE_DAY_LIGHT	VA1
User Name	USER_NAME	VA255
User Password	USER_PASSWORD	VA255
Value	DATA_VALUE	F
Value Type Name	VALUE_TYPE_NAME	VA64
View Temp Name	VIEW_TEMP_NAME	VA64
week n in month	WEEK_N_IN_MONTH	VA1
week n in year	WEEK_N_IN_YEAR	VA2
weekend	WEEKEND	A1
Window granule	WINDOW_GRANULE	VA64
Window width	WINDOW_WIDTH	N
year	YEAR	VA4
YYYY	TIME_KEY	VA4
YYYYMM	TIME_KEY	VA6
YYYYMMDD	TIME_KEY	VA8
YYYYMMDDHH24MIZZZZ	TIME_KEY	VA16
YYYYMMDDHH24ZZZZ	TIME_KEY	VA14

Entity List

Name	Code
Agg Column	AGG_COLUMN
Agg Rule	AGG_RULE
Basic Stat	BASIC_STAT
Call Center Object	OBJECT
Chunk Load Err Log	CHUNK_LOAD_ERR_LOG
Chunk Log	CHUNK_LOG
Comp Stat	COMP_STAT
Comp Stat Category	COMP_STAT_CATEGORY
Config Server	CONFIG_SERVER
Dm Property	DM_PROPERTY
Error Chunk	ERROR_CHUNK
Fold Temp To Comp	FOLD_TEMP_TO_COMP
Fold To Comp Stat	FOLD_TO_COMP_STAT
Folder Template	FOLDER_TEMPLATE
InfoMart Option	INFOMART_OPTION
Layout Objects	OBJ_TO_LAYOUT
Lookup AGG_BY_WEEK	LOOKUP_AGG_BY_WEEK
Obj To Obj	OBJ_TO_OBJ
OutCome Agg Column	OUTCOME_AGG_COLUMN
Parameter	STAT_PARAM
Pending Aggregations	PENDING_AGG

Name	Code
Purging Log	PURGING_LOG
Purging Rules	PURGING_RULES
Rep N Obj Desc	REP_N_OBJ_DESC
Rep N Obj Result	REP_N_OBJ_RESULT
Rep N Stat Desc	REP_N_STAT_DESC
Rep N Stat Result	REP_N_STAT_RESULT
Report Folder	REPORT_FOLDER
Report Layout	REPORT_LAYOUT
Report Table	REPORT_TABLE
Report View	REPORT_VIEW
Report View Rebuild Log	REP_REBUILD_LOG
Source	SOURCE
Statistic	STATISTIC
Tab Info Type	TAB_INFO_TYPE
Temp TFun Par Val	TEMP_TFUN_PAR_VAL
Time Column	TIME_COLUMN
Time Fun Param	TIME_FUN_PARAM
Time Fun Param Val	TIME_FUN_PARAM_VAL
Time Function	TIME_FUNCTION
Time N Day Level	TIME_N_DAY_LEVEL
Time N Hour Level	TIME_N_HOUR_LEVEL
Time N Min Level	TIME_N_MIN_LEVEL
Time N Month Level	TIME_N_MONTH_LEVEL
Time N Year Level	TIME_N_YEAR_LEVEL
Time Zone	TIME_ZONE
Transformer Option	TRANSFORMER_OPTION
View Agg Column	VIEW_AGG_COLUMN
View Temp Agg Col	VIEW_TEMP_AGG_COL
View Temp Time Col	VIEW_TEMP_TIME_COL
View Template	VIEW_TEMPLATE
View Time Column	VIEW_TIME_COLUMN

Relationship List

Name	Code
AggC2TView	AGGC2TVIEW
AggC2View	AGGC2VIEW
AggRFirst	AGGRFIRST
AggRSecond	AGGRSECOND
Cat2compStat	CAT2COMPSTAT
CHILD_O2O	CHILD_O2O
ChildView2Blog	CHILDVIEW2BLOG
ChunkLog2Time	CHUNKLOG2TIME
Comp To Basic Stat	COMP_TO_BASIC_STAT
Comp2FoldT	COMP2FOLDT
CompS2Fold	COMPS2FOLD
Cs To Obj	CS_TO_OBJ
Cs To ObjD	CS_TO_OBJD
Cs To Src	CS_TO_SRC
EChunk2ChLog	ECHUNK2CHLOG
ELog2ChLog	ELOG2CHLOG
Fold To Log	FOLD_TO_LOG
Fold To Rep	FOLD_TO_REP
Fold To Tab	FOLD_TO_TAB
Fold2CompS	FOLD2COMPS

Name	Code
FoldT To Fold	FOLT_TO_FOL
FoldT To ViewT	FTEMP_TO_VTEMP
FoldT2Comp	FOLDT2COMP
In Agg Col	IN_AGG_COL
InfoType2Tab	INFOTYPE2TAB
LAGGW2TZ	LAGGW2TZ
Lay To Fold	LAY_TO_FOLD
Lay To Obj	LAY_TO_OBJ
Lay To Stat	LAY_TO_STAT
Obj To Lay	OBJ_TO_LAY
Obj2EChunk	RELATION_7631
ObjD To StatR	OBJD_TO_STATR
ObjRes2Time	OBJRES2TIME
OutAgg2TimeF	OUTAGG2TIMEF
PAR_O2O	PAR_O2O
Parent Agg	PARENT_AGG
Rep To Tab	REP_TO_TAB
Src To Fold	SRC_TO_FOLD
Src To Lay	SRC_TO_LAY
Src To Log	SRC_TO_LOG
Src To Stat	SRC_TO_STAT
StaRes2Time	STARES2TIME
Stat To Par	STAT_TO_PAR
Stat2EChunk	STAT2ECHUNK
StatD To ObjR	STATD_TO_OBJR
TFunPV2Tview	TFUNPV2TVIEW
TimeC2ViewT	TIMEC2VIEWT
TimeF2OutAgg	TIMEF2OUTAGG
TimeF2Param	TIMEF2PARAM
TimeF2TimeC	TIMEF2TIMEC
TimeFParVal	TIMEFPARVAL
TView2AggC	TVIEW2AGGC
Tview2TFunPV	TVIEW2TFUNPV
TViewParent	VIEWPARENT
TZ to Src	TZ_TO_SRC
Tz2TimeDim	TZ2TIMEDIM
Tz2View	TZ2VIEW
View To BLog	VIEW_TO_BLOG
View To Log	VIEW_TO_LOG
View to pending aggregation	VIEW_TO_PENDING_AG
View2AggC	VIEW2AGGC
View2FParV	VIEW2FPARV
View2l	VIEW2L
View2r	VIEW2R
View2TimeC	VIEW2TIMEC
View2ViewT	VIEW2VIEWT
ViewT2TimeC	VIEWT2TIMEC
VTimeC2TimeC	VTIMEC2TIMEC

Entity Information**Entity Agg Column**

Name:	Agg Column	Generate Table:	Yes
Code:	AGG_COLUMN		
Number:			

Description

Aggregation column definition

Attribute List

Name	Code	Type	I	M
Agg Column Name	AGG_COLUMN_NAME	VA18	Yes	Yes
Description	DESCRIPTION	VA255	No	No
Format	FORMAT	VA255	No	No
Data Type	DATA_TYPE	VA32	No	Yes

Data Item Agg Column Name

Name of aggregation column

Data Item Description

Detailed description

Data Item Format

The data format; for example: YYYYMMDDHH24ZZZ, YYYYMMDD, YYYYQQ

Data Item Data Type

VARCHAR(255) or VARCHAR2(255) depending on database type

Reference List

Entity	Card	Dep.	Relationship
View Agg Column(VIEW_AGG_COLUMN)	0,n	Yes	AggC2View(AGGC2VIEW)
Agg Rule(AGG_RULE)	0,n	Yes	AggRFirst(AGGRFIRST)
Agg Rule(AGG_RULE)	0,n	Yes	AggRSecond(AGGRSECOND)
Time Function(TIME_FUNCTION)	0,n	No	In Agg Col(IN_AGG_COL)
OutCome Agg Column(OUTCOME_AGG_COLUMN)	0,n	Yes	OutAgg2TimeF(OUTAGG2TIMEF)
View Temp Agg Col(VIEW_TEMP_AGG_COL)	0,n	Yes	TView2AggC(TVIEW2AGGC)

Entity Agg Rule

Name:	Agg Rule		
Code:	AGG_RULE		
Number:		Generate Table:	No

Description

Not implemented in this release

Attribute List

Name	Code	Type	I	M
Agg Key Value	AGG_KEY_VALUE	VA255	No	No
Devide Rule	DEVIDE_RULE	DC	No	Yes

Data Item Agg Key Value

Not implemented in this release

Data Item Devide Rule

Not implemented in this release

Reference List

Entity	Card	Dep.	Relationship
Agg Column(AGG_COLUMN)	1,1	Yes	AggRFirst(AGGRFIRST)
Agg Column(AGG_COLUMN)	1,1	Yes	AggRSecond(AGGRSECOND)

Entity Basic Stat

Name:	Basic Stat		
Code:	BASIC_STAT		
Number:		Generate Table:	Yes

Description

Describes the known "basic" or additive statistics coming from ODS. This static table is populated before formulas are defined in the COMP_STAT table.

Attribute List

Name	Code	Type	I	M
Stat Type Name	STAT_TYPE_NAME	VA255	Yes	Yes
Stat Type Description	STAT_TYPE_DESCR	VA255	No	Yes
Stat Category Name	STAT_CATEGORY_NAME	VA64	No	Yes
Stat Category Function	STAT_CATEGORY_FUNC	VA10	No	Yes
Value Type Name	VALUE_TYPE_NAME	VA64	No	Yes

Data Item Stat Type Name

Name of statistical type as defined by Stat Server. Necessary for the Stat Server API to request a particular statistic. Since Stat Type Name is usually self-descriptive, this field may be used in Configuration and Presentation as well.

Data Item Stat Type Description

Describes how a particular StatType is calculated. From this information, you should be able to determine if this statistical type is appropriate in your reports.

Data Item Stat Category Name

Category Name taken from Stat Server; for example, STotalValue, SAverageValue

Data Item Stat Category Function

The function that is applied to aggregate the values of this category. A null value signifies that this category cannot be aggregated.

Data Item Value Type Name

The statistical type's data type; for example: INTEGER or FLOAT

Reference List

Entity	Card	Dep.	Relationship
Comp Stat(COMP_STAT)	1,n	No	Comp To Basic Stat(COMP_TO_BASIC_STAT)

Entity Call Center Object

Name:	Call Center Object
Code:	OBJECT
Number:	Generate Table: Yes

Description

This table contains information about contact center objects extracted from all sources. These objects are defined in the Configuration Server. Objects from this table are assigned to one or more report layouts. Note that this table contains only those Configuration Server objects that are to be monitored.

Examples:

Agent01

Queue328@g-3

Each object is of a particular Object Type.

Note that the Configuration Server object ID does not uniquely identify an object. The unique identifier is the combination of the Configuration Server's object ID and object type; therefore, a relation to Object Type is mandatory.

OBJECT_ID is unique for the entire Data Mart.

Add Time and Delete Time fields are necessary for tracking objects status (active and deleted) .

Defining a relation to Tenant in this table is necessary for:

- 1) Configuration/Presentation, to hide objects belonging to different tenants
- 2) Easy tracking of contact center objects. Once a tenant has been deleted, all objects that belong to this Tenant are considered deleted as well.

Attribute List

Name	Code	Type	I	M
Object ID	OBJECT_ID	VA27	Yes	Yes
Object Name	OBJECT_NAME	VA255	No	Yes
Presentation Name	PRESENTATION_NAME	VA255	No	No
Object Type ID	OBJECT_TYPE_ID	I	No	Yes
Object Type Name	OBJECT_TYPE_NAME	VA255	No	Yes
Tenant ID	TENANT_ID	VA14	No	Yes
Tenant Name	TENANT_NAME	VA255	No	Yes
ConfServer Obj ID	CONFSERVER_OBJ_ID	I	No	Yes
Add Time	ADD_TIME	DT	No	Yes
Delete Time	DELETE_TIME	DT	No	No
Add Time GMT	ADD_TIME_GMT	DT	No	Yes
Delete Time GMT	DELETE_TIME_GMT	DT	No	No

Data Item Object ID

ObjectID = 'Config Server ID' + '_' + 'Object Type ID' + '_' + 'Conf. Server Object ID'

Data Item Object Name

The object name Stat Server should use to collect data. Its value depends on the object type:

- For agents, its value is Agent Login.
- For queue, its value is Queue_Name@switch.
- For place, its value is Place Name
- For all groups, its value is Group Name

This name is necessary for Stat Server's API to order statistics.

Data Item Presentation Name

Object name as displayed in reports. Its value is dependent on the Presentation module and contains information the user typically uses to identify object.

Data Item Object Type ID

Usually the same ID as specified in Configuration Server's API so that there is a unique index in the CALL_CENTER_OBJECT table. Custom object type IDs, however, can be used, but should differ from those specified in the Configuration Server.

Data Item Object Type Name

Name of object type--necessary for Presentation and for Configuration.

Data Item Tenant ID

A tenant's unique identifier within a particular Configuration Server. Generated as 'ConfigServer ID' + '_' + 'Original Tenant ID'.

Data Item Tenant Name

Same name as specified in the Configuration Server. Required by the report templates to display the tenant name. This field is also required for the Tenants Alias Tracking module. Once a tenant is renamed, this field is updated to reflect the new name. Only the latest Tenant Name is maintained.

Data Item ConfServer Obj ID

The Configuration Server object ID. Objects of different types can have the same ID, but for objects of the same type this ID is unique even in a multi-tenant environment.

Data Item Add Time

The local-equivalent time of ADD_TIME_GMT

Data Item Delete Time

The local-equivalent time of DELETE_TIME_GMT

Data Item Add Time GMT

Same as OL_OBJECT.ADD_TIME in ODS.

Data Item Delete Time GMT

Same as OL_OBJECT.DELETE_TIME in ODS.

Reference List

Entity	Card	Dep.	Relationship
Obj To Obj(OBJ_TO_OBJ)	0,n	Yes	CHILD_O2O(CHILD_O2O)
Config Server(CONFIG_SERVER)	1,1	No	Cs To Obj(CS_TO_OBJ)
Layout Objects(OBJ_TO_LAYOUT)	0,n	Yes	Obj To Lay(OBJ_TO_LAY)
Error Chunk(ERROR_CHUNK)	0,n	Yes	Obj2EChunk(RELATION_7631)
Obj To Obj(OBJ_TO_OBJ)	0,n	Yes	PAR_O2O(PAR_O2O)

Entity Chunk Load Err Log

Name:	Chunk Load Err Log
Code:	CHUNK_LOAD_ERR_LOG
Number:	Generate Table: Yes

Description

Not implemented in this release

Attribute List

Name	Code	Type	I	M
Load Err Log Id	LOAD_ERR_LOG_ID	I	Yes	Yes
Error Date	ERROR_DATE	DT	No	Yes
Error Type	ERROR_TYPE	VA255	No	Yes
Error Message	ERROR_MESSAGE	VA255	No	No
Error Text	ERROR_TEXT	TXT	No	No

Data Item Load Err Log Id

Not implemented in this release

Data Item Error Date

Not implemented in this release

Data Item Error Type

Not implemented in this release

Data Item Error Message

Not implemented in this release

Data Item Error Text

Not implemented in this release

Reference List

Entity	Card	Dep.	Relationship
Chunk Log(CHUNK_LOG)	1,1	No	ELog2ChLog(ELOG2CHLOG)

Entity Chunk Log

Name:	Chunk Log	Generate Table:	Yes
Code:	CHUNK_LOG		
Number:			

Description

Maintains records about data chunks transferred from ODS sources

Attribute List

Name	Code	Type	I	M
Chunk ID	CHUNK_ID	VA14	Yes	Yes
Src Chunk ID	SRC_CHUNK_ID	I	No	Yes
Begin Time GMT	BEGIN_TIME_GMT	DT	No	Yes
End Time GMT	END_TIME_GMT	DT	No	Yes
Chunk Type	CHUNK_TYPE	I	No	No
Source Table Name	SOURCE_TABLE_NAME	VA20	No	Yes
Is Last Chunk	IS_LAST_CHUNK	N1	No	Yes
Collect Time GMT	COLLECT_TIME_GMT	DT	No	Yes
Start Read Source	START_READ_SOURCE	DT	No	Yes
End Read Source	END_READ_SOURCE	DT	No	Yes
Start Write	START_WRITE	DT	No	Yes
End Check	END_CHECK	DT	No	Yes
End Write	END_WRITE	DT	No	Yes
Numb of Src Rec	NUMB_OF_SRC_REC	I	No	Yes
Numb of Dist Rec	NUMB_OF_DIST_REC	I	No	Yes
Deleted from src	DELETED_FROM_SRC	DT	No	No

Data Item Chunk ID

Time Key Seq = 'SourceID' + '_' + 'ChunkID'

Data Item Src Chunk ID

Log Identifier--for reference by other tables

Data Item Begin Time GMT

The precise GMT-equivalent time when Stat Server began collecting information for the time interval for this statistic

Data Item End Time GMT

The GMT-equivalent time of the last update--when statistical calculations for the value stopped. For example, you may gather week-to-week data that is updated daily.

Data Item Chunk Type

Chunk Type value is:

- 0 - if the data chunk is the final value sent by Stat Server just before reset
- 1 - if statistics are generated by scheduled "peek" and at least one more notification will be sent
- 2 - if the statistics are generated on user demand and at least one more notification will be sent

Data Item Source Table Name

Table name of the ODS data source

Data Item Is Last Chunk

TRUE if this data chunk is the last in this table and ODS has created a new table. FALSE otherwise.

Data Item Collect Time GMT

The GMT-equivalent time that ODS collected this data chunk

Data Item Start Read Source

The local start time that ETL Runtime reads the data chunk

Data Item End Read Source

The local end time that ETL Runtime completes reading the data chunk

Data Item Start Write

The local start time that ETL Runtime writes the data chunk to the Data Mart

Data Item End Check

The local end time that ETL Runtime completes its check of the data chunk

Note: ETL Runtime immediately starts its check after the time specified by End Read Source.

Data Item End Write

The local end time that ETL Runtime completes writing the data chunk to the Data Mart

Data Item Numb of Src Rec

The number of records comprising the data chunk in ODS

Data Item Numb of Dist Rec

The number of records comprising the data chunk in the Data Mart

Data Item Deleted from src

The local time when the data chunk was deleted from the ODS source. Filled if the dropTransferredTables parameter has been set. If not set, data chunks are not deleted.

Reference List

Entity	Card	Dep.	Relationship
Time N Min Level(TIME_N_MIN_LEVEL)	0,n	No	ChunkLog2Time(CHUNKLOG2TIME)
Error Chunk(ERROR_CHUNK)	0,n	Yes	EChunk2ChLog(ECHUNK2CHLOG)
Chunk Load Err Log(CHUNK_LOAD_ERR_LOG)	0,n	No	ELog2ChLog(ELOG2CHLOG)
Report Folder(REPORT_FOLDER)	1,1	No	Fold To Log(FOLD_TO_LOG)
Source(SOURCE)	1,1	No	Src To Log(SRC_TO_LOG)
Report View(REPORT_VIEW)	1,1	No	View To Log(VIEW_TO_LOG)

Entity Comp Stat

Name:	Comp Stat	Generate Table:	Yes
Code:	COMP_STAT		
Number:			

Description

Composite statistic definition based on formulas that combine basic statistics within one report layout.

Attribute List

Name	Code	Type	I	M
Comp Stat Name	COMP_STAT_NAME	VA64	Yes	Yes
Comp Stat Desc	COMP_STAT_DESC	VA255	No	Yes
Default Col Name	DEFAULT_COL_NAME	VA18	No	Yes
Default Disp Name	DEFAULT_DISP_NAME	VA255	No	Yes
Value Type Name	VALUE_TYPE_NAME	VA64	No	Yes
is StatType Based	IS_STATTYPE_BASED	VA1	No	Yes
Object Type Group	OBJECT_TYPE_GROUP	VA64	No	Yes
Formula	FORMULA	TXT	No	Yes

Data Item Comp Stat Name

Name of the composite statistic

Data Item Comp Stat Desc

Description of the composite statistic

Data Item Default Col Name

Indicates the default name of the column holding this statistic

Data Item Default Disp Name

Indicates the default display name of the statistic in reports

Data Item Value Type Name

The composite statistic's data type; for example, INTEGER or FLOAT

Data Item is StatType Based

Yes/No = Y/N

If yes, the Transformation module assumes that the formula used StatType to calculate value and changes StatType to column name when defining new composite view.

If no, the Transformation module uses the formula as is--without translation--to allow for complex cases such as one composite statistic is based on the same two statistical types with different filters.

Data Item Object Type Group

Agent || Queue

Data Item Formula

The formula of the composite statistic

Reference List

Entity	Card	Dep.	Relationship
Comp Stat Category(COMP_STAT_CATEGORY)	1,1	No	Cat2compStat(CAT2COMPSTAT)
Basic Stat(BASIC_STAT)	1,n	No	Comp To Basic Stat(COMP_TO_BASIC_STAT)
Fold Temp To Comp(FOLD_TEMP_TO_COMP)	0,n	Yes	Comp2FoldT(COMP2FOLDT)
Fold To Comp Stat(FOLD_TO_COMP_STAT)	0,n	Yes	CompS2Fold(COMPS2FOLD)

Entity Comp Stat Category

Name:	Comp Stat Category
Code:	COMP_STAT_CATEGORY
Number:	Generate Table: Yes

Description

A static table containing definitions of composite statistics category

Attribute List

Name	Code	Type	I	M
Category Name	CATEGORY_NAME	VA64	Yes	Yes
Category Function	CATEGORY_FUNCTION	VA10	No	No

Data Item Category Name

The name of the composite statistic category; for example,

'BASIC' - based directly on BASIC_STAT (totals time/number etc.)

'AVERAGE'

'PERCENTAGE'

AverageTime

AverageNumber

Data Item Category Function

The composite statistic category's function used for BASIC* category; for example, MAX or SUM

NULL if a function is not applicable (such as AVERAGE).

Reference List

Entity	Card	Dep.	Relationship
Comp Stat(COMP_STAT)	0,n	No	Cat2compStat(CAT2COMPSTAT)

Entity Config Server

Name:	Config Server
Code:	CONFIG_SERVER
Number:	Generate Table: Yes

Description

This table describes the Configuration Server. Host and port values are used in conjunction with the syncWithConfigServer parameter (if enabled) to establish connection with the Configuration Server and to populate the OBJ_TO_OBJ table.

Attribute List

Name	Code	Type	I	M
ConfServer ID	CONFSERVER_ID	VA3	Yes	Yes
ConfServer Name	CONFSERVER_NAME	VA64	No	Yes
ConfServer Host	CONFSERVER_HOST	VA64	No	No
ConfServer Port	CONFSERVER_PORT	I	No	No

Data Item ConfServer ID

The Configuration Server ID

Data Item ConfServer Name

The name of the Configuration Server

Data Item ConfServer Host

The Configuration Server host name

Data Item ConfServer Port

The Configuration Server port number

Reference List

Entity	Card	Dep.	Relationship
Call Center Object(OBJECT)	0,n	No	Cs To Obj(CS_TO_OBJ)
Rep N Obj Desc(REP_N_OBJ_DESC)	0,n	No	Cs To ObjD(CS_TO_OBJD)
Source(SOURCE)	0,n	No	Cs To Src(CS_TO_SRC)

Entity Dm Property

Name:	Dm Property		
Code:	DM_PROPERTY		
Number:		Generate Table:	Yes

Description

For ETL Runtime's use only. Implemented with Release 6.1 to store database version information. The values in this table are null for prior database versions.

Attribute List

Name	Code	Type	I	M
DM_KEY	DM_KEY	VA255	Yes	Yes
DM_VALUE	DM_VALUE	VA255	No	No

Data Item DM_KEY

Holds the value "version"

Data Item DM_VALUE

Contains the version number; for example, 6.1.001 for the first release of 6.1

Entity Error Chunk

Name:	Error Chunk		
Code:	ERROR_CHUNK		
Number:		Generate Table:	Yes

Description

Not implemented in this release

Attribute List

Name	Code	Type	I	M
Value	DATA_VALUE	F	No	Yes
Is Valid	IS_VALID	N1	No	Yes

Data Item Value

No description available

Data Item Is Valid

No description available

Reference List

Entity	Card	Dep.	Relationship
Chunk Log(CHUNK_LOG)	1,1	Yes	EChunk2ChLog(ECHUNK2CHLOG)
Call Center Object(OBJECT)	1,1	Yes	Obj2EChunk(RELATION_7631)
Statistic(STATISTIC)	1,1	Yes	Stat2EChunk(STAT2ECHUNK)

Entity Fold Temp To Comp

Name:	Fold Temp To Comp
Code:	FOLD_TEMP_TO_COMP
Number:	Generate Table: Yes

Description

Composite statistics belonging to Folder Template. ETL will create a database view based on the definitions of all comp statistics that belong to the Folder Template and populate FOLD_TO_COMP_STAT table according to this template.

Attribute List

Name	Code	Type	I	M
Comp Stat Col Name	COMP_STAT_COL_NAME	VA18	No	Yes
is Visible	IS_VISIBLE	VA1	No	Yes
Brio Column Format	BRIO_COLUMN_FORMAT	VA255	No	No

Data Item Comp Stat Col Name

Name of table column that ETL Runtime uses when it creates report tables (or views) in the Data Mart for reports that use this statistic

Data Item is Visible

Indicates whether this column is visible in reports

Data Item Brio Column Format

Format specification for BrioQuery Designer. Used by the Report Wizard in prior releases. In the current release, the report templates do not reference this field.

Reference List

Entity	Card	Dep.	Relationship
Comp Stat(COMP_STAT)	1,1	Yes	Comp2FoldT(COMP2FOLDT)
Folder Template(FOLDER_TEMPLATE)	1,1	Yes	FoldT2Comp(FOLDT2COMP)

Entity Fold To Comp Stat

Name:	Fold To Comp Stat
Code:	FOLD_TO_COMP_STAT
Number:	Generate Table: Yes

Description

Lists the composite statistics belonging to a particular report folder

Attribute List

Name	Code	Type	I	M
Comp Stat Col Name	COMP_STAT_COL_NAME	VA18	No	Yes
Comp Stat Add Time	COMP_STAT_ADD_TIME	DT	No	Yes
Comp Stat Del Time	COMP_STAT_DEL_TIME	DT	No	No
Brio Column Format	BRIO_COLUMN_FORMAT	VA255	No	No
is Visible	IS_VISIBLE	VA1	No	No

Data Item Comp Stat Col Name

Layout Stat Identity

Data Item Comp Stat Add Time

The local time when this record was added

Data Item Comp Stat Del Time

Not implemented in this release

Data Item Brio Column Format

Format specification for BrioQuery Designer. Used by the Report Wizard in prior releases. In the current release, the report templates do not reference this field.

Data Item is Visible

Indicates whether this column is visible in reports

Reference List

Entity	Card	Dep.	Relationship
Comp Stat(COMP_STAT)	1,1	Yes	CompS2Fold(COMPS2FOLD)
Report Folder(REPORT_FOLDER)	1,1	Yes	Fold2CompS(FOLD2COMPS)

Entity Folder Template

Name:	Folder Template
Code:	FOLDER_TEMPLATE
Number:	Generate Table: Yes

Description

Template definition for folder creation. ETL Runtime uses this definition when creating new report folders and all aggregation-level report views. For each report layout coming from ODS, ETL Runtime attempts to match the Folder Template using LayoutTemplateName when the corresponding record in OL_TEMPLATE has 0 in the IS_CUSTOM column.

Attribute List

Name	Code	Type	I	M
Folder Templ Name	FOLDER_TEMPL_NAME	VA64	Yes	Yes
Layout Templ Name	LAYOUT_TEMPL_NAME	VA10	No	Yes
Folder Name	FOLDER_NAME	VA255	No	Yes
Folder Desc	FOLDER_DESC	VA255	No	No

Data Item Folder Templ Name

Name of this folder template

Data Item Layout Templ Name

Name of the corresponding layout template

Data Item Folder Name

Report presentation name. Filled by the ETL Runtime Transformation module as a combination of Report Layout Name and Time Profile Name. Special field for this purpose should be added to Schedule table.

Data Item Folder Desc

Filled by the Transformation module using the formula:

SUBSTR(Report Layout Name, 1, 30)

Reference List

Entity	Card	Dep.	Relationship
Report Folder(REPORT_FOLDER)	0,n	No	FoldT To Fold(FOLT_TO_FOL)
View Template(VIEW_TEMPLATE)	0,n	No	FoldT To ViewT(FTEMP_TO_VTEMP)
Fold Temp To Comp(FOLD_TEMP_TO_COMP)	0,n	Yes	FoldT2Comp(FOLDT2COMP)

Entity InfoMart Option

Name:	InfoMart Option
Code:	INFOMART_OPTION
Number:	Generate Table: No

Description

Not implemented in this release

Attribute List

Name	Code	Type	I	M
Option Key Name	OPTION_KEY_NAME	VA255	Yes	Yes
Option Value	OPTION_VALUE	VA255	No	Yes
Option Comment	OPTION_COMMENT	VA255	No	No

Entity Layout Objects

Name:	Layout Objects
Code:	OBJ_TO_LAYOUT
Number:	Generate Table: Yes

Description

This table indicates which contact center objects belong to a particular report layout. When an object is added to a report layout, an entry is created in this table and Add Time is set to the current time. Delete Time is null until the object is removed from this layout.

Attribute List

Name	Code	Type	I	M
Obj Add Time	OBJ_ADD_TIME	DT	Yes	Yes
Obj Add Time GMT	OBJ_ADD_TIME_GMT	DT	No	Yes
Obj Del Time	OBJ_DEL_TIME	DT	No	No
Obj Del Time GMT	OBJ_DEL_TIME_GMT	DT	No	No

Data Item Obj Add Time

The local time when object was added to the report layout

Data Item Obj Add Time GMT

The GMT-equivalent time when object was added to the report layout

Data Item Obj Del Time

The local time when object was deleted from the report layout

Data Item Obj Del Time GMT

The GMT-equivalent time when object was deleted from the report layout

Reference List

Entity	Card	Dep.	Relationship
Report Layout(REPORT_LAYOUT)	1,1	Yes	Lay To Obj(LAY_TO_OBJ)
Call Center Object(OBJECT)	1,1	Yes	Obj To Lay(OBJ_TO_LAY)

Entity Lookup AGG_BY_WEEK

Name:	Lookup AGG_BY_WEEK
Code:	LOOKUP_AGG_BY_WEEK
Number:	Generate Table: No

Description

Not implemented in this release

Attribute List

Name	Code	Type	I	M
Lookup Key	LOOKUP_KEY	VA6	Yes	Yes
First Week Day	FIRST_WEEK_DAY	DT	No	Yes
Last Week Date	LAST_WEEK_DATE	DT	No	Yes
Query Date	QUERY_DATE	VA255	No	Yes
Display Date	DISPLAY_DATE	VA255	No	Yes
Custom Field	CUSTOM_FIELD	VA255	No	No

Data Item Display Date

The date that appears in the generated report

Data Item Custom Field**Reference List**

Entity	Card	Dep.	Relationship
Time Zone(TIME_ZONE)	1,1	Yes	LAGGW2TZ(LAGGW2TZ)

Entity Obj To Obj

Name:	Obj To Obj	Generate Table:	Yes
Code:	OBJ_TO_OBJ		
Number:			

Description

Object to Object relation (groups)

Attribute List

Name	Code	Type	I	M
Add Time	ADD_TIME	DT	Yes	Yes
Add Time GMT	ADD_TIME_GMT	DT	No	Yes
Delete Time	DELETE_TIME	DT	No	No
Delete Time GMT	DELETE_TIME_GMT	DT	No	No

Data Item Add Time

Local time when the object was added

Data Item Add Time GMT

Same as OL_OBJECT.ADD_TIME in ODS.

Data Item Delete Time

If the object has been deleted, this field indicates the local time when ETL Tracking acquired information about the deletion which, by default, can be up to 24 hours later. If the object is active, this field is null.

Data Item Delete Time GMT

Same as OL_OBJECT.DELETE_TIME in ODS.

Reference List

Entity	Card	Dep.	Relationship
Call Center Object(OBJECT)	1,1	Yes	CHILD_O2O(CHILD_O2O)
Call Center Object(OBJECT)	1,1	Yes	PAR_O2O(PAR_O2O)

Entity OutCome Agg Column

Name:	OutCome Agg Column	Generate Table:	Yes
Code:	OUTCOME_AGG_COLUMN		
Number:			

Description

Not implemented in this release

Reference List

Entity	Card	Dep.	Relationship
Agg Column(AGG_COLUMN)	1,1	Yes	OutAgg2TimeF(OUTAGG2TIMEF)
Time Function(TIME_FUNCTION)	1,1	Yes	TimeF2OutAgg(TIMEF2OUTAGG)

Entity Parameter

Name:	Parameter		
Code:	STAT_PARAM		
Number:		Generate Table:	Yes

Description

Not implemented in this release

Attribute List

Name	Code	Type	I	M
Parameter ID	PARAMETER_ID	VA14	Yes	Yes
Parameter Key	PARAMETER_KEY	VA32	No	Yes
Parameter Name	PARAMETER_NAME	VA255	No	Yes
Parameter Definition	PARAMETER_DEF	TXT	No	No
Parameter Description	PARAMETER_DESCR	VA255	No	No

Data Item Parameter ID

Not implemented in this release.

Data Item Parameter Key

Not implemented in this release.

Data Item Parameter Name

Not implemented in this release.

Data Item Parameter Definition

Not implemented in this release.

Data Item Parameter Description

Not implemented in this release.

Reference List

Entity	Card	Dep.	Relationship
Statistic(STATISTIC)	1,n	No	Stat To Par(STAT_TO_PAR)

Entity Pending Aggregations

Name:	Pending Aggregations
Code:	PENDING_AGG
Number:	Generate Table: Yes

Description

This table contains information about pending aggregations. For each report view for which an aggregation is pending there is at least one row, which also specifies aggregation key.

Attribute List

Name	Code	Type	I	M
Agg Key	AGG_KEY	VA255	No	Yes
Change Number	CNUMBER	N	No	Yes

Data Item Agg Key

Aggregation key which is pending to be aggregated. This means that parent view contains at least one row with such value in AGG_BY_XXX column which hasn't been aggregated yet.

Data Item Change Number

Change number. Helps to distinguish new records from "old" ones. Each row inserted into PENDING_AGG table will have CNUMBER column populated with monotonically increasing integers.

Reference List

Entity	Card	Dep.	Relationship
Report View(REPORT_VIEW)	1,1	No	View to pending aggregation(VIEW_TO_PENDING_AG)

Entity Purging Log

Name:	Purging Log
Code:	PURGING_LOG
Number:	Generate Table: Yes

Description

Describes the data purged

Attribute List

Name	Code	Type	I	M
Purge Id	PURGE_ID	N	Yes	Yes
Purge Start Time	PURGE_START_TIME	DT	No	Yes
Purge End Time	PURGE_END_TIME	DT	No	No
Purge Till Time	PURGE_TILL_TIME	DT	No	Yes
Num of Fact Rows	NUM_OF_FACT_ROWS	N	No	No

Data Item Purge Id

Autonumbered field

Data Item Purge Start Time

The local time when data purging started

Data Item Purge End Time

The local time when data purging ended

Data Item Purge Till Time

The local time marking the boundary beyond which data should not be purged

Data Item Num of Fact Rows

Number of rows deleted from the fact table

Reference List

Entity	Card	Dep.	Relationship
Report View(REPORT_VIEW)	1,1	No	View2l(VIEW2L)

Entity Purging Rules

Name:	Purging Rules	Generate Table:	Yes
Code:	PURGING_RULES		
Number:			

Description

This table defines the rules you set for purging data for each report view.

Data is kept for [WINDOW_WIDTH] [WINDOW_GRANULE].

Data is purged on [OFFSET_LENGTH+1] [OFFSET_GRANULE] at 00:00 AM.

Example

To keep data for one full month and purge on the third day of the month following, using ETL Assistant you would set the following:

WINDOW_GRANULE = MONTH

WINDOW_WIDTH = 1

OFFSET_GRANULE = DAY

OFFSET_LENGTH = 2

Attribute List

Name	Code	Type	I	M
Purge Param Id	PURGE_PARAM_ID	N	Yes	Yes
Is Current	IS_CURRENT	N1	No	Yes
Activation Time	ACTIVATION_TIME	DT	No	Yes
Window granule	WINDOW_GRANULE	VA64	No	Yes
Window width	WINDOW_WIDTH	N	No	Yes
Offset granule	OFFSET_GRANULE	VA64	No	Yes
Offset length	OFFSET_LENGTH	N	No	Yes

Data Item Purge Param Id

Autonumbered field

Data Item Is Current

Indicates whether or not the purging rule is current or historical. This field's values are 0 for History and 1 for Actual.

Data Item Activation Time

The local time in which the rule was activated

Data Item Window granule

[DAY, WEEK, MONTH, YEAR]

The granularity of the time window

Data Item Window width

[0, 1, 2, 3, etc.]

The time window beyond which data is purged

Data Item Offset granule

[DAY, WEEK, MONTH, YEAR]

The granularity of the offset time

Data Item Offset length

[0, 1, 2, 3, etc.]

The length of time by which purging is offset

Reference List

Entity	Card	Dep.	Relationship
Report View(REPORT_VIEW)	0,1	No	View2r(VIEW2R)

Entity Rep N Obj Desc

Name:	Rep N Obj Desc
Code:	REP_N_OBJ_DESC
Number:	Generate Table: No

Description

This table contains only those Configuration Server objects that are monitored. Objects in this table are assigned to one or more report layouts.

Examples:

Agent01

Queue328@g-3

Each object is of a particular object type (relation to Object Type).

Note that the Configuration Server object ID does not uniquely identify an object. The unique identifier is the combination of the Configuration Server's object ID and object type; therefore, its relation to Object Type is mandatory.

This table is necessary for:

- Reporting (Presentation Name)
- Requesting Statistics from Stat Server (Object Name)
- Configuration (to add/delete objects)

Add Time and Delete Time are necessary for tracking objects. Only active objects (where delete_time is null) should be used for report configuration/data collection. Objects with specified deleted time should be considered as deleted and should be used only for getting historical data accumulated before tenant deletion.

Defining a relation to Tenant is necessary for:

- 1) Configuration/Presentation, to hide objects belonging to different Tenants
- 2) Easy tracking of contact center objects. Once a tenant has been deleted, all objects belonging to this Tenant are considered deleted as well.

Attribute List

Name	Code	Type	I	M
Object ID	OBJECT_ID	VA14	Yes	Yes
Object Name	OBJECT_NAME	VA255	No	Yes
Object Type ID	OBJECT_TYPE_ID	I	No	Yes
Object Type Name	OBJECT_TYPE_NAME	VA255	No	Yes
Presentation Name	PRESENTATION_NAME	VA255	No	No
Tenant ID	TENANT_ID	VA14	No	Yes
Tenant Name	TENANT_NAME	VA255	No	Yes
ConfServer Obj ID	CONFSERVER_OBJ_ID	I	No	Yes
Add Time	ADD_TIME	DT	No	Yes

Data Item Object ID

Data Item Object Name

The object name Stat Server should use to collect data. Its value depends on the object type:

- For agents, its value is Agent Login.
- For queue, its value is Queue_Name@switch.
- For place, its value is Place Name
- For all groups, its value is Group Name

This name is necessary for Stat Server's API to order statistics.

Data Item Object Type ID

Usually the same ID as specified in Configuration Server's API so that there is a unique index in the CALL_CENTER_OBJECT table. Custom object type IDs, however, can be used, but should differ from those specified in the Configuration Server.

Data Item Object Type Name

Name of object type--necessary for Presentation and for Configuration.

Data Item Presentation Name

Object name as displayed in reports. Its value is dependent on the Presentation module and contains information the user typically uses to identify object.

Data Item Tenant ID

A tenant's unique identifier within a particular Configuration Server. Generated as 'ConfigServer ID' + '_' + 'Original Tenant ID'.

Data Item Tenant Name

Same name as specified in the Configuration Server. Required by the report templates to display the tenant name. This field is also required for the Tenants Alias Tracking module. Once a tenant is renamed, this field is updated to reflect the new name. Only the latest Tenant Name is maintained.

Data Item ConfServer Obj ID

The Configuration Server object ID. Objects of different types can have the same ID, but for objects of the same type this ID is unique even in a multi-tenant environment.

Data Item Add Time

The local-equivalent time of ADD_TIME_GMT

Reference List

Entity	Card	Dep.	Relationship
Config Server(CONFIG_SERVER)	1,1	No	Cs To ObjD(CS_TO_OBJD)
Rep N Stat Result(REP_N_STAT_RESULT)	0,n	Yes	ObjD To StatR(OBJD_TO_STATR)

Entity Rep N Obj Result

Name:	Rep N Obj Result
Code:	REP_N_OBJ_RESULT
Number:	Generate Table: No

Description

Not implemented in this release

Attribute List

Name	Code	Type	I	M
OBJ ID1	OBJ_ID1	N	No	No
OBJ ID2	OBJ_ID2	N	No	No
OBJ ID3	OBJ_ID3	N	No	No
OBJ IDN	OBJ_IDN	N	No	No

Reference List

Entity	Card	Dep.	Relationship
Time N Min Level(TIME_N_MIN_LEVEL)	1,1	Yes	ObjRes2Time(OBJRES2TIME)
Rep N Stat Desc(REP_N_STAT_DESC)	1,1	Yes	StatD To ObjR(STATD_TO_OBJR)

Entity Rep N Stat Desc

Name:	Rep N Stat Desc
Code:	REP_N_STAT_DESC
Number:	Generate Table: No

Description

This table contains the set of statistics selected for the particular report layout. Statistics are based on statistical types as well as any (or none) of the following parameters:

- any number of filters
- TimeRange (one for some statistical types)
- TimeRange2 (for ServiceFactor2)
- StatusProfile

Attribute List

Name	Code	Type	I	M
Statistic ID	STATISTIC_ID	VA14	Yes	Yes
Stat Type ID	STAT_TYPE_ID	VA14	No	Yes
Stat Type Name	STAT_TYPE_NAME	VA255	No	Yes
Stat Type Description	STAT_TYPE_DESCR	VA255	No	Yes
Statistic Description	STATISTIC_DESCR	VA255	No	No
Stat Category Name	STAT_CATEGORY_NAME	VA64	No	Yes
Stat Category Function	STAT_CATEGORY_FUNC	VA10	No	Yes
Stat Column Name	STAT_COLUMN_NAME	VA18	No	Yes
Value Type Name	VALUE_TYPE_NAME	VA64	No	Yes
Parameter 1 Name	PARAMETER_1_NAME	VA255	No	No
Parameter 2 Name	PARAMETER_2_NAME	VA255	No	No

Data Item Statistic ID

The statistic ID assigned by the database for reference by report data

Data Item Stat Type ID

The unique identifier of the statistical type--used by other tables. The database generates this ID.

Data Item Stat Type Name

The statistical type's name as defined within Stat Server--necessary for the Stat Server API to request a particular statistic. Since this field is usually self-descriptive, its value may be used in Configuration and Presentation as well.

Data Item Stat Type Description

Specifies how a particular statistical type is calculated

Data Item Statistic Description

Optional field in which you describe the statistic

Data Item Stat Category Name

The name of this statistical category taken from Stat Server (for example, STotalValue, SAverageValue)

Data Item Stat Category Function

The function that is applied to aggregate values of this statistical category. A null value indicates that this category cannot be aggregated.

Data Item Stat Column Name

The name of the table column that the ETL Runtime Transformation module uses when it creates report tables or views in the Data Mart for reports that use this statistic

Data Item Value Type Name

The composite statistic's data type; for example, INTEGER or FLOAT

Data Item Parameter 1 Name

Not implemented in this release

Data Item Parameter 2 Name

Not implemented in this release

Reference List

Entity	Card	Dep.	Relationship
Rep N Obj Result(REP_N_OBJ_RESULT)	0,n	Yes	StatD To ObjR(STATD_TO_OBJR)

Entity Rep N Stat Result

Name:	Rep N Stat Result
Code:	REP_N_STAT_RESULT
Number:	Generate Table: No

Description

This table holds statistical values.

Attribute List

Name	Code	Type	I	M
Stat ID1	STAT_ID1	N	No	No
Stat ID2	STAT_ID2	N	No	No
Stat ID3	STAT_ID3	N	No	No
Stat IDN	STAT_IDN	N	No	No

Data Item Stat ID1

The value of the first statistic of the object for the interval

Data Item Stat ID2

The value of the second statistic of the object for the interval

Data Item Stat ID3

The value of the third statistic of the object for the interval

Data Item Stat IDN

The value of the nth statistic of the object for the interval

Reference List

Entity	Card	Dep.	Relationship
Rep N Obj Desc(REP_N_OBJ_DESC)	1,1	Yes	ObjD To StatR(OBJD_TO_STATR)
Time N Min Level(TIME_N_MIN_LEVEL)	1,1	Yes	StaRes2Time(STARES2TIME)

Entity Report Folder

Name:	Report Folder		
Code:	REPORT_FOLDER		
Number:		Generate Table:	Yes

Description

This table contains information about all report folders in the Data Mart. This table's link to the Source table identifies from which ODS the information is downloaded. This table's link to the ReportTable table identifies which database objects (and information about those objects) are present (for example, index, views, tables).

Attribute List

Name	Code	Type	I	M
Folder ID	FOLDER_ID	I	Yes	Yes
Folder Name	FOLDER_NAME	VA255	No	Yes
Folder Desc	FOLDER_DESC	VA255	No	Yes
Fold Create Time	FOLD_CREATE_TIME	DT	No	Yes
Fold Delete Time	FOLD_DELETE_TIME	DT	No	No
Schedule ID	SCHEDULE_ID	VA14	No	Yes
Sched Start Time	SCHED_START_TIME	DT	No	Yes
Sched Stop Time	SCHED_STOP_TIME	DT	No	No
Time Profile Name	TIME_PROFILE_NAME	VA255	No	Yes
Object Type ID	OBJECT_TYPE_ID	I	No	Yes
Object Type Name	OBJECT_TYPE_NAME	VA255	No	Yes
Tenant ID	TENANT_ID	VA14	No	Yes
Tenant Name	TENANT_NAME	VA255	No	Yes

Data Item Folder ID

Unique report identifier. Assigned to the report when the ETL Runtime Transformation module first recognizes it in ODS. This value never changes.

Data Item Folder Name

Report presentation name. Filled by the ETL Runtime Transformation module as a combination of Report Layout Name and Time Profile Name. Special field for this purpose should be added to Schedule table.

Data Item Folder Desc

Filled by the Transformation module using the formula:

SUBSTR(Report Layout Name, 1, 30)

Data Item Fold Create Time

The local time when this report folder was added to the Data Mart

Data Item Fold Delete Time

The local time when this report folder was deleted from the Data Mart. If null, this report folder is active.

Data Item Schedule ID

The Schedule ID from ODS

Data Item Sched Start Time

The local scheduled start time for data collection from ODS

Data Item Sched Stop Time

The local scheduled end time for data collection from ODS

Data Item Time Profile Name

Time Profile Name as specified in Stat Server's Configuration section

Data Item Object Type ID

Usually the same ID as specified in Configuration Server's API so that there is a unique index in the CALL_CENTER_OBJECT table. Custom object type IDs, however, can be used, but should differ from those specified in the Configuration Server.

Data Item Object Type Name

Name of object type--necessary for Presentation and for Configuration.

Data Item Tenant ID

A tenant's unique identifier within a particular Configuration Server. Generated as 'ConfigServer ID' + '_' + 'Original Tenant ID'.

Data Item Tenant Name

Same name as specified in the Configuration Server. Required by the report templates to display the tenant name. This field is also required for the Tenants Alias Tracking module. Once a tenant is renamed, this field is updated to reflect the new name. Only the latest Tenant Name is maintained.

Reference List

Entity	Card	Dep.	Relationship
Chunk Log(CHUNK_LOG)	0,n	No	Fold To Log(FOLD_TO_LOG)
Report View(REPORT_VIEW)	0,n	No	Fold To Rep(FOLD_TO_REP)
Report Table(REPORT_TABLE)	0,n	No	Fold To Tab(FOLD_TO_TAB)
Fold To Comp	0,n	Yes	Fold2CompS(FOLD2COMPS)
Stat(FOLD_TO_COMP_STAT)			
Folder Template(FOLDER_TEMPLATE)	0,1	No	FoldT To Fold(FOLT_TO_FOL)
Report Layout(REPORT_LAYOUT)	1,1	No	Lay To Fold(LAY_TO_FOLD)
Source(SOURCE)	1,1	No	Src To Fold(SRC_TO_FOLD)

Entity Report Layout

Name:	Report Layout	Generate Table:	Yes
Code:	REPORT_LAYOUT		
Label:	label		
Number:			

Description

This table stores information about the report layouts you configure using Data Modeling Assistant including:

- 1) Object Type--such as agent, place, and queue. Only one object type can be defined for the report.
- 2) The set of statistics to be monitored. Only those statistical types applicable to the selected object type can be used. For every statistic selected, you can specify an arbitrary number of parameters for that statistic such as time ranges and/or filters.
- 3) The set of contact center objects for which the selected object type should gather data. This set can belong to only one particular object type.
- 4) Schedules. Each schedule defines time properties for data collection and is based on Stat Server's time profile.

Once a report layout is defined, the Data Sourcer collects the defined set of statistics for the objects according to the selected profiles. Note that every report belongs to a particular tenant.

Attribute List

Name	Code	Type	I	M
Layout ID	LAYOUT_ID	VA14	Yes	Yes
Layout Name	LAYOUT_NAME	VA255	No	Yes
Src Layout ID	SRC_LAYOUT_ID	I	No	Yes
Metagroup Class	METAGROUP_CLASS	I	No	No
Metagroup DB ID	METAGROUP_DB_ID	VA14	No	No
Layout Description	LAYOUT_DESCRIPTION	VA255	No	No
Object Type ID	OBJECT_TYPE_ID	I	No	Yes
Object Type Name	OBJECT_TYPE_NAME	VA255	No	Yes
Tenant ID	TENANT_ID	VA14	No	Yes
Tenant Name	TENANT_NAME	VA255	No	Yes
Add Time	ADD_TIME	DT	No	Yes
Delete Time	DELETE_TIME	DT	No	No
Add Time GMT	ADD_TIME_GMT	DT	No	Yes
Delete Time GMT	DELETE_TIME_GMT	DT	No	No
Last Change Time	LAST_CHANGE_TIME	DT	No	Yes
Last Change GMT	LAST_CHANGE_GMT	DT	No	Yes
Template Name	TEMPLATE_NAME	VA10	No	No
Number of Dimensions	NUM_OF_DIMENSIONS	VA3	No	No

Data Item Layout ID

LayoutID = 'Source ID' + '_' + 'Original Layout ID'

Data Item Layout Name

The report layout name you assign (for your own reference)

Data Item Src Layout ID

The source report layout ID as defined within the ODS.

Data Item Metagroup Class

Indicates whether the entire set of objects from a particular group (metagroup DB ID) should be used instead of a specified set. For example, you might want to gather data for all agents from a group of agents. In such cases, this field contains DB ID of the metagroup and Data Sourcer maintains the current set of objects from this group in the Contact Center object.

Data Item Metagroup DB ID

If the metagroup's class is specified, this field specifies the particular group to be used for maintaining the list of objects.

Data Item Layout Description

Optional field in which you describe what you want this report template to gather

Data Item Object Type ID

Usually the same ID as specified in Configuration Server's API so that there is a unique index in the CALL_CENTER_OBJECT table. Custom object type IDs, however, can be used, but should differ from those specified in the Configuration Server.

Data Item Object Type Name

Name of object type--necessary for Presentation and for Configuration.

Data Item Tenant ID

A tenant's unique identifier within a particular Configuration Server. Generated as 'ConfigServer ID' + '_' + 'Original Tenant ID'.

Data Item Tenant Name

Same name as specified in the Configuration Server. Required by the report templates to display the tenant name. This field is also required for the Tenants Alias Tracking module. Once a tenant is renamed, this field is updated to reflect the new name. Only the latest Tenant Name is maintained.

Data Item Add Time

The local-equivalent time of ADD_TIME_GMT

Data Item Delete Time

The local-equivalent time of DELETE_TIME_GMT

Data Item Add Time GMT

Same as OL_OBJECT.ADD_TIME in ODS.

Data Item Delete Time GMT

Same as OL_OBJECT.DELETE_TIME in ODS.

Data Item Last Change Time

The local time when an object was added, deleted, or updated for this layout at source

Data Item Last Change GMT

LAST_CHANGED_TIME converted from source local time to GMT-equivalent time

Data Item Template Name

The name of the layout template on which this report layout was based.

Data Item Number of Dimensions

Number of dimensions this layout supports. If none specified, ETL Runtime assumes the '#2' value.

Supported values include:

'#2' - most simple case. STAT RESULT table will have:

Object dimension table (O_#_OBJ_DIM) - key: OBJECT_ID (agent, group, route point, and so on)

Time dimension table (O_#_OBJ_DIM) - key TIME_KEY

'#3' - layout support breakdown codes. STAT RESULT table will have:

-Object dimension table (O_#_OBJ_DIM) key: OBJECT_ID (agent, group, route point, and so on)

-Time dimension table (O_#_OBJ_DIM) key :TIME_KEY

-Breakdown dimension (B_#_BRK_DIM) key: BRKDWN_CODE (transaction code, pilot, group, skill, and so on)

Values greater than '#2' are currently not supported.

Reference List

Entity	Card	Dep.	Relationship
Report Folder(REPORT_FOLDER)	0,n	No	Lay To Fold(LAY_TO_FOLD)
Layout Objects(OBJ_TO_LAYOUT)	0,n	Yes	Lay To Obj(LAY_TO_OBJ)
Statistic(STATISTIC)	0,n	No	Lay To Stat(LAY_TO_STAT)
Source(SOURCE)	1,1	No	Src To Lay(SRC_TO_LAY)

Entity Report Table

Name:	Report Table
Code:	REPORT_TABLE
Number:	Generate Table: Yes

Description

Tables in which report information is stored

Attribute List

Name	Code	Type	I	M
Table ID	TABLE_ID	I	Yes	Yes
Table Name	TABLE_NAME	VA255	No	Yes
Table Description	TABLE_DESCRIPTION	VA255	No	No
Physical Type	PHYSICAL_TYPE	VA20	No	Yes
Create Time	CREATE_TIME	DT	No	Yes
Delete Time	DELETE_TIME	DT	No	No

Data Item Table ID

Autonumbered field

Data Item Table Name

Table or view name where report information has been stored or from where data can be retrieved

Data Item Table Description

Table description.

Data Item Physical Type

Supported types are view, table, and synonym

Data Item Create Time

The local time the report table was created in the Data Mart

Data Item Delete Time

If the object has been deleted, this field indicates the local time when ETL Tracking acquired information about the deletion which, by default, can be up to 24 hours later. If the object is active, this field is null.

Reference List

Entity	Card	Dep.	Relationship
Report Folder(REPORT_FOLDER)	1,1	No	Fold To Tab(FOLD_TO_TAB)
Tab Info Type(TAB_INFO_TYPE)	1,1	No	InfoType2Tab(INFOTYPE2TAB)
Report View(REPORT_VIEW)	1,n	No	Rep To Tab(Rep_To_Tab)

Entity Report View

Name:	Report View
Code:	REPORT_VIEW
Number:	Generate Table: Yes

Description

Represents the aggregation level of a particular report. All report views for this folder are organized into a hierarchical tree with parent and children. A report view with a null parent ID represents the lowest level of aggregation from the ODS source.

Attribute List

Name	Code	Type	I	M
Rep View ID	REP_VIEW_ID	I	Yes	Yes
Rep View Name	REP_VIEW_NAME	VA255	No	Yes
Rep View Desc	REP_VIEW_DESC	VA255	No	No
Par View Temp Name	PAR_VIEW_TEMP_NAME	VA64	No	No
Add Time	ADD_TIME	DT	No	Yes
Delete Time	DELETE_TIME	DT	No	No

Data Item Rep View ID

The unique ID for this report view

Data Item Rep View Name

The report view name either user specified or generated automatically

Data Item Rep View Desc

Text description of this report view either user specified or generated automatically

Data Item Par View Temp Name

Name of the view template on which this report was based.

Data Item Add Time

The local-equivalent time of ADD_TIME_GMT

Data Item Delete Time

The local-equivalent time of DELETE_TIME_GMT

Reference List

Entity	Card	Dep.	Relationship
Report View Rebuild Log(REP_REBUILD_LOG)	0,n	No	ChildView2Blog(CHILDVIEW2BLOG)
Report Folder(REPORT_FOLDER)	1,1	No	Fold To Rep(FOLD_TO_REP)
View Agg	0,1	No	Parent Agg(PARENT_AGG)
Column(VIEW_AGG_COLUMN)			
Report Table(REPORT_TABLE)	0,n	No	Rep To Tab(REP_TO_TAB)
Time Zone(TIME_ZONE)	1,1	No	Tz2View(TZ2VIEW)
Report View Rebuild Log(REP_REBUILD_LOG)	0,n	No	View To BLog(VIEW_TO_BLOG)
Chunk Log(CHUNK_LOG)	0,n	No	
Pending Aggregations(PENDING_AGG)	0,n	No	View To Log(VIEW_TO_LOG)
			View to pending aggregation(VIEW_TO_PENDING_AG)
View Agg	0,n	Yes	View2AggC(VIEW2AGGC)
Column(VIEW_AGG_COLUMN)			
Time Fun Param	0,n	Yes	View2FParV(VIEW2FPARV)
Val(TIME_FUN_PARAM_VAL)			
Purging Log(PURGING_LOG)	0,n	No	View2l(VIEW2L)
Purging Rules(PURGING_RULES)	0,n	No	View2r(VIEW2R)
View Time	0,n	Yes	View2TimeC(VIEW2TIMEC)
Column(VIEW_TIME_COLUMN)			
View Template(VIEW_TEMPLATE)	0,1	No	View2ViewT(VIEW2VIEWT)

Entity Report View Rebuild Log

Name:	Report View Rebuild Log
Code:	REP_REBUILD_LOG
Number:	Generate Table: Yes

Description

This table contains information about completed levels of aggregation from parent to child and helps to optimize the aggregation process.

Attribute List

Name	Code	Type	I	M
Rebuild Log ID	REBUILD_LOG_ID	I	Yes	Yes
Last Time Key	LAST_TIME_KEY	VA255	No	Yes
Last Agg Key	LAST_AGG_KEY	VA255	No	Yes
Rebuild Start	REBUILD_START	DT	No	Yes
Rebuild End	REBUILD_END	DT	No	Yes

Data Item Rebuild Log ID

Autonumbered field

Data Item Last Time Key

The minimum TimeKey from a parent-level view that was used to create the child aggregation level (LAST_AGG_KEY)

Data Item Last Agg Key

The time key of aggregated data

Data Item Rebuild Start

The local start time when aggregation from parent to child took place

Data Item Rebuild End

The local end time when aggregation from parent to child is completed

Reference List

Entity	Card	Dep.	Relationship
Report View(REPORT_VIEW)	1,1	No	ChildView2Blog(CHILDVIEW2BLOG)
Report View(REPORT_VIEW)	1,1	No	View To BLog(VIEW_TO_BLOG)

Entity Source

Name:	Source
Code:	SOURCE
Number:	Generate Table: Yes

Description

Contains information about DB sources from which ETL Runtime extracts data

Attribute List

Name	Code	Type	I	M
Source ID	SOURCE_ID	VA4	Yes	Yes
DB Point ID	DB_POINT_ID	I	No	No
Src Short Name	SRC_SHORT_NAME	VA30	No	Yes
Src Init Time	SRC_INIT_TIME	VA255	No	No
DB URL	DB_URL	VA255	No	No
Host Name	HOST_NAME	VA255	No	Yes
DB Type Name	DB_TYPE_NAME	VA10	No	Yes
DBMS Name	DBMS_NAME	VA255	No	No
Database Name	DATABASE_NAME	VA255	No	No
TCP Port N	TCP_PORT_N	I	No	Yes
Reconnect Timeout	RECONNECT_TIMEOUT	I	No	No
User Name	USER_NAME	VA255	No	Yes
User Password	USER_PASSWORD	VA255	No	No
Description	DESCRIPTION	VA255	No	No
Src Add Time	SRC_ADD_TIME	DT	No	Yes
Start Time	START_TIME	DT	No	No
Stop Time	STOP_TIME	DT	No	No

Data Item Source ID

Unique identifier of the ODS. Generated as SourceID = 'ConfigServerID' + '_' + 'DB Point ID'.

Data Item DB Point ID

Configuration Server DB Point ID for this source. DB Point ID is usually used by ODS (if available)

Data Item Src Short Name

Filled by the ETL Runtime Transformation module as a combination of report layout name and time profile name

Data Item Src Init Time

The local time when the ODS source was initialized

Data Item DB URL

The JDBC URL address of the ODS source

Data Item Host Name

Name or IP address of the host where ODS is located

Data Item DB Type Name

Either Informix, MS SQL, Oracle, or Sybase

Data Item DBMS Name

For Informix, MS SQL, Sybase: the DB Server name of the ODS

For Oracle: the SID of the ODS

Data Item Database Name

The name of the ODS source

Data Item TCP Port N

The TCP port number of the ODS source

Data Item Reconnect Timeout

The amount of time, in seconds, that will elapse before ETL Runtime attempts to reconnect the disconnected ODS source

Data Item User Name

The user name used to connect to the ODS source

Data Item User Password

The password used to connect to the ODS source

Data Item Description

Detailed description

Data Item Src Add Time

The local time when this ODS source was added to the Data Mart

Data Item Start Time

The local time when the ETL Runtime Transformation module should start extracting information from this ODS source. If null, data transformation will not take place.

Data Item Stop Time

The local time when the ETL Runtime Transformation module should cease extracting information from this ODS source. If null or greater than the current local time, this ODS is active.

Reference List

Entity	Card	Dep.	Relationship
Config Server(CONFIG_SERVER)	1,1	No	Cs To Src(CS_TO_SRC)
Report Folder(REPORT_FOLDER)	0,n	No	Src To Fold(SRC_TO_FOLD)
Report Layout(REPORT_LAYOUT)	0,n	No	Src To Lay(SRC_TO_LAY)
Chunk Log(CHUNK_LOG)	0,n	No	Src To Log(SRC_TO_LOG)
Statistic(STATISTIC)	0,n	No	Src To Stat(SRC_TO_STAT)
Time Zone(TIME_ZONE)	1,1	No	TZ to Src(TZ_TO_SRC)

Entity Statistic

Name:	Statistic		
Code:	STATISTIC		
Number:		Generate Table:	Yes

Description

This table lists the statistics requested from Stat Server and then collected by Data Sourcer.

Attribute List

Name	Code	Type	I	M
Statistic ID	STATISTIC_ID	VA14	Yes	Yes
Statistic Description	STATISTIC_DESCR	VA255	No	Yes
Stat Type ID	STAT_TYPE_ID	VA14	No	Yes
Stat Type Name	STAT_TYPE_NAME	VA255	No	Yes
Stat Type Description	STAT_TYPE_DESCR	VA255	No	No
Stat Column Name	STAT_COLUMN_NAME	VA18	No	Yes
Stat Category Name	STAT_CATEGORY_NAME	VA64	No	Yes
Stat Category Function	STAT_CATEGORY_FUNC	VA10	No	No
Value Type Name	VALUE_TYPE_NAME	VA64	No	Yes
Stat Delete Time	STAT_DEL_TIME	DT	No	No

Data Item Statistic ID

The unique ID identifying from where the statistic was obtained:

Statistic ID = "SourceID" + '_' + 'Original Statistic ID'

Data Item Statistic Description

Optional field in which you describe the statistic

Data Item Stat Type ID

The unique identifier of the statistical type--used by other tables. The database generates this ID.

Data Item Stat Type Name

The statistical type's name as defined within Stat Server--necessary for the Stat Server API to request a particular statistic. Since this field is usually self-descriptive, its value may be used in Configuration and Presentation as well.

Data Item Stat Type Description

Specifies how a particular statistical type is calculated

Data Item Stat Column Name

The name of the table column that the ETL Runtime Transformation module uses when it creates report tables or views in the Data Mart for reports that use this statistic

Data Item Stat Category Name

The name of this statistical category taken from Stat Server (for example, STotalValue, SAverageValue)

Data Item Stat Category Function

The function that is applied to aggregate values of this statistical category. A null value indicates that this category cannot be aggregated.

Data Item Value Type Name

The composite statistic's data type; for example, INTEGER or FLOAT

Data Item Stat Delete Time

If a non-Null value exists in this column, it indicates that the corresponding statistic has been deleted. The specific time is propagated from the DELETE_TIME column in the OL_STATISTIC table, which is populated by Data Modeling Assistant.

Reference List

Entity	Card	Dep.	Relationship
Report Layout(REPORT_LAYOUT)	1,1	No	Lay To Stat(LAY_TO_STAT)
Source(SOURCE)	1,1	No	Src To Stat(SRC_TO_STAT)
Parameter(STAT_PARAM)	1,n	No	Stat To Par(STAT_TO_PAR)
Error Chunk(ERROR_CHUNK)	0,n	Yes	Stat2EChunk(STAT2ECHUNK)

Entity Tab Info Type

Name:	Tab Info Type
Code:	TAB_INFO_TYPE
Number:	Generate Table: Yes

Attribute List

Name	Code	Type	I	M
Info Type	INFO_TYPE	VA20	Yes	Yes
Info Type Desc	INFO_TYPE_DESC	VA255	No	No

Data Item Info Type

The following types are supported:

'TIME_DIM'
 'OBJECT_DIM'
 'STAT_DIM'
 'STAT_RES'
 'OBJECT_RES'
 'STAT_VIEW'
 'OBJECT_VIEW'

Data Item Info Type Desc

Description of nature of the information contained in the tables of this type.

Reference List

Entity	Card	Dep.	Relationship
Report Table(REPORT_TABLE)	0,n	No	InfoType2Tab(INFOTYPE2TAB)

Entity Temp TFun Par Val

Name:	Temp TFun Par Val
Code:	TEMP_TFUN_PAR_VAL
Number:	Generate Table: Yes

Description

Time function parameters from view templates

Attribute List

Name	Code	Type	I	M
Param Value	PARAM_VALUE	VA255	No	No

Data Item Param Value

Not implemented in this release.

Reference List

Entity	Card	Dep.	Relationship
Time Fun Param(TIME_FUN_PARAM)	1,1	Yes	TFunPV2Tview(TFUNPV2TVIEW)
View Template(VIEW_TEMPLATE)	1,1	Yes	Tview2TFunPV(TVIEW2TFUNPV)

Entity Time Column

Name:	Time Column		
Code:	TIME_COLUMN		
Number:		Generate Table:	Yes

Description

Time column definition

Attribute List

Name	Code	Type	I	M
Time Column Id	TIME_COLUMN_ID	I	Yes	Yes
Time Column Name	TIME_COLUMN_NAME	VA18	No	Yes
Format	FORMAT	VA255	No	No
Data Type	DATA_TYPE	VA32	No	Yes

Data Item Time Column Id

Autonumbered field

Data Item Time Column Name

The name of the time column

Data Item Format

The data format; for example: YYYYMMDDHH24ZZZ, YYYYMMDD, YYYYQQ

Data Item Data Type

VARCHAR(255) or VARCHAR2(255) depending on database type

Reference List

Entity	Card	Dep.	Relationship
View Temp Time Col(VIEW_TEMP_TIME_COL)	0,n	Yes	TimeC2ViewT(TIMEC2VIEWT)
Time Function(TIME_FUNCTION)	1,1	No	TimeF2TimeC(TIMEF2TIMEC)
View Time Column(VIEW_TIME_COLUMN)	0,n	Yes	VTimeC2TimeC(VTIMEC2TIMEC)

Entity Time Fun Param

Name:	Time Fun Param
Code:	TIME_FUN_PARAM
Number:	Generate Table: Yes

Description

Input parameters for the time function

Attribute List

Name	Code	Type	I	M
Time Fun Param Id	TIME_FUN_PARAM_ID	I	Yes	Yes
Param Name	PARAM_NAME	VA255	No	Yes
Default Value	DEFAULT_VALUE	VA255	No	No
Format	FORMAT	VA255	No	Yes
Is Custom	IS_CUSTOM	VA1	No	Yes
Data Type	DATA_TYPE	VA32	No	Yes

Data Item Time Fun Param Id

The ID of the time function parameter

Data Item Param Name

The name of the time function parameter

Data Item Default Value

Not implemented in this release

Data Item Format

The data format; for example: YYYYMMDDHH24ZZZ, YYYYMMDD, YYYYQQ

Data Item Is Custom

Boolean, either 'YES' or 'NO'

Data Item Data Type

VARCHAR(255) or VARCHAR2(255) depending on database type

Reference List

Entity	Card	Dep.	Relationship
Temp TFun Par Val(TEMP_TFUN_PAR_VAL)	0,n	Yes	TFunPV2Tview(TFUNPV2TVIEW)
Time Function(TIME_FUNCTION)	1,1	No	TimeF2Param(TIMEF2PARAM)
Time Fun Param Val(TIME_FUN_PARAM_VAL)	0,n	Yes	TimeFParVal(TIMEFPARVAL)

Entity Time Fun Param Val

Name:	Time Fun Param Val
Code:	TIME_FUN_PARAM_VAL
Number:	Generate Table: Yes

Description

Values for time function parameters

Attribute List

Name	Code	Type	I	M
Param Value	PARAM_VALUE	VA255	No	No

Data Item Param Value

Reference List

Entity	Card	Dep.	Relationship
Time Fun Param(TIME_FUN_PARAM)	1,1	Yes	TimeFParVal(TIMEFPARVAL)
Report View(REPORT_VIEW)	1,1	Yes	View2FParV(VIEW2FPARV)

Entity Time Function

Name:	Time Function
Code:	TIME_FUNCTION
Number:	Generate Table: Yes

Description

Time function description

Attribute List

Name	Code	Type	I	M
Time Fun Name	TIME_FUN_NAME	VA255	Yes	Yes
Description	DESCRIPTION	VA255	No	No
Body Text	BODY_TEXT	TXT	No	No

Data Item Time Fun Name

Not implemented in this release

Data Item Description

Detailed description

Data Item Body Text

Not implemented in this release

Reference List

Entity	Card	Dep.	Relationship
Agg Column(AGG_COLUMN)	1,1	No	In Agg Col(IN_AGG_COL)
OutCome Agg Column(OUTCOME_AGG_COLUMN)	0,n	Yes	TimeF2OutAgg(TIMEF2OUTAGG)
Time Fun Param(TIME_FUN_PARAM)	0,n	No	TimeF2Param(TIMEF2PARAM)
Time Column(TIME_COLUMN)	0,n	No	TimeF2TimeC(TIMEF2TIMEC)

Entity Time N Day Level

Name:	Time N Day Level
Code:	TIME_N_DAY_LEVEL
Number:	Generate Table: No

Description

All time indicators take their values from your system.

Annotation

04/27/99 1. TZ_ID, TZ_DAYLIGHT_ID added

Attribute List

Name	Code	Type	I	M
YYYYMMDD	TIME_KEY	VA8	Yes	Yes
query date	QUERY_DATE	VA255	No	Yes
date YYYYMMDD	DATE_YYYYMMDD	VA8	No	Yes
date YYMMDD	DATE_YYMMDD	VA6	No	Yes
date MMDD	DATE_MMDD	VA4	No	Yes
day of week short	DAY_OF_WEEK_SHORT	VA3	No	Yes
day of week	DAY_OF_WEEK	VA16	No	Yes
day n in week	DAY_N_IN_WEEK	VA1	No	Yes
day n in month	DAY_N_IN_MONTH	VA2	No	Yes
day n in year	DAY_N_IN_YEAR	VA3	No	Yes
weekend	WEEKEND	A1	No	Yes
week n in month	WEEK_N_IN_MONTH	VA1	No	Yes
week n in year	WEEK_N_IN_YEAR	VA2	No	Yes
month name short	MONTH_NAME_SHORT	VA3	No	Yes
month name	MONTH_NAME	VA16	No	Yes
month n in year	MONTH_N_IN_YEAR	VA2	No	Yes
quarter	QUARTER	A1	No	Yes
calendar quarter	CALENDAR_QUARTER	VA8	No	Yes
year	YEAR	VA4	No	Yes
display date	DISPLAY_DATE	VA255	No	Yes
agg key 1	AGG_KEY_1	VA255	No	Yes
agg key 2	AGG_KEY_2	VA255	No	Yes
agg key N	AGG_KEY_N	VA255	No	Yes
Agg Inter Count_	AGG_INTER_COUNT_	N	No	Yes
Interval Len Sec_	INTERVAL_LEN_SEC_	N	No	Yes

Data Item YYYYMMDD

TIME_KEY constructed using specified TimeDimFunction using:

Begin_TimeGMT,
EndTimeGMT,
TZ_ID,
QUERY_DATE_FORMAT,
DISPLAY_DATE_FORMAT

In YYYYMMDDHH24MIZZZZ format

Data Item query date

Used in the SQL query definition for report creation.

Data Item date YYYYMMDD

Date formatted to YYYYMMDD

Data Item date YYMMDD

Date formatted to YYMMDD

Data Item date MMDD

Date formatted to MMDD

Data Item day of week short

The short form for day of the week; for example, 'Mon', 'Tue'

Data Item day of week

The full name of the weekday; for example, 'Monday', 'Tuesday'

Data Item day n in week

1-7

Data Item day n in month

1-31

Data Item day n in year

1-366

Data Item weekend

Boolean, either Y or N

Data Item week n in month

1-5

Data Item week n in year

1-52

Data Item month name short

The short form for the month of the year; for example, 'Jan', 'Feb'

Data Item month name

The full name of the month; for example, 'January', 'February'

Data Item month n in year

1-12

Data Item quarter

Boolean, either Y or N

Data Item calendar quarter

Q1-Q4

Data Item year

Four-digit year

Data Item display date

The hard-coded date used in reports

Data Item agg key 1

The time keys for all aggregation levels in which this interval will participate; particularly week, month, quarter, year

Data Item agg key 2

The time keys for all aggregation levels in which this interval will participate; particularly week, month, quarter, year

Data Item agg key N

The time keys for all aggregation levels in which this interval will participate; particularly week, month, quarter, year

Data Item Agg Inter Count_

The number of parent report view intervals that were aggregated into this interval

Data Item Interval Len Sec_

"real" interval length derived from Stat Server

Entity Time N Hour Level

Name:	Time N Hour Level
Code:	TIME_N_HOUR_LEVEL
Number:	Generate Table: No

Description

All time indicators take their values from your system.

Annotation

04/27/99 1. TZ_ID, TZ_DAYLIGHT_ID added

Attribute List

Name	Code	Type	I	M
YYYYMMDDHH24ZZZZ	TIME_KEY	VA14	Yes	Yes
begin time	BEGIN_TIME	DT	No	Yes
query date	QUERY_DATE	VA255	No	Yes
date YYYYMMDD	DATE_YYYYMMDD	VA8	No	Yes
date YYMMDD	DATE_YYMMDD	VA6	No	Yes
date MMDD	DATE_MMDD	VA4	No	Yes
time HHAMPM	TIME_HHAMPM	VA4	No	Yes
hour HH24	HOUR_HH24	VA2	No	Yes
end time	END_TIME	DT	No	Yes
day of week short	DAY_OF_WEEK_SHORT	VA3	No	Yes
day of week	DAY_OF_WEEK	VA16	No	Yes
day n in week	DAY_N_IN_WEEK	VA1	No	Yes
day n in month	DAY_N_IN_MONTH	VA2	No	Yes
day n in year	DAY_N_IN_YEAR	VA3	No	Yes
weekend	WEEKEND	A1	No	Yes
week n in month	WEEK_N_IN_MONTH	VA1	No	Yes
week n in year	WEEK_N_IN_YEAR	VA2	No	Yes
month name short	MONTH_NAME_SHORT	VA3	No	Yes
month name	MONTH_NAME	VA16	No	Yes
month n in year	MONTH_N_IN_YEAR	VA2	No	Yes
quarter	QUARTER	A1	No	Yes
calendar quarter	CALENDAR_QUARTER	VA8	No	Yes
year	YEAR	VA4	No	Yes
display date	DISPLAY_DATE	VA255	No	Yes
TZ	TZ	VA4	No	Yes
agg key 1	AGG_KEY_1	VA255	No	Yes
agg key 2	AGG_KEY_2	VA255	No	Yes
agg key N	AGG_KEY_N	VA255	No	Yes
Agg Inter Count_	AGG_INTER_COUNT_	N	No	Yes
Interval Len Sec_	INTERVAL_LEN_SEC_	N	No	Yes

Data Item YYYYMMDDHH24ZZZZ

TIME_KEY constructed using specified TimeDimFunction using:

Begin_TimeGMT,
EndTimeGMT,
TZ_ID,
QUERY_DATE_FORMAT,
DISPLAY_DATE_FORMAT

In YYYYMMDDHH24ZZZZ format

Data Item begin time

Time when this interval began

Data Item query date

This field used in SQL query definition for report creation

Data Item date YYYYMMDD

Date formatted to YYYYMMDD

Data Item date YYMMDD

Date formatted to YYMMDD

Data Item date MMDD

Date formatted to MMDD

Data Item time HHAMPM

Date formatted to HHAMPM

Data Item hour HH24

Date formatted to HH24

Data Item end time

Time when this interval ended

Data Item day of week short

The short form for day of the week; for example, 'Mon', 'Tue'

Data Item day of week

The full name of the weekday; for example, 'Monday', 'Tuesday'

Data Item day n in week

1-7

Data Item day n in month

1-31

Data Item day n in year

1-366

Data Item weekend

Boolean, either Y or N

Data Item week n in month

1-5

Data Item week n in year

1-52

Data Item month name short

The short form for the month of the year; for example, 'Jan', 'Feb'

Data Item month name

The full name of the month; for example, 'January', 'February'

Data Item month n in year

1-12

Data Item quarter

Boolean, either Y or N

Data Item calendar quarter

Q1-Q4

Data Item year

Four-digit year

Data Item display date

The hard-coded date used in reports

Data Item TZ

Time zone of this report view

Data Item agg key 1

The time keys for all aggregation levels in which this interval will participate; particularly week, month, quarter, year

Data Item agg key 2

The time keys for all aggregation levels in which this interval will participate; particularly week, month, quarter, year

Data Item agg key N

The time keys for all aggregation levels in which this interval will participate; particularly week, month, quarter, year

Data Item Agg Inter Count_

The number of parent report view intervals that were aggregated into this interval

Data Item Interval Len Sec_

"real" interval length derived from Stat Server

Entity Time N Min Level

Name:	Time N Min Level
Code:	TIME_N_MIN_LEVEL
Number:	Generate Table: No

Description

All time indicators take their values from your system.

Annotation

04/27/99 1. TZ_ID, TZ_DAYLIGHT_ID added

Attribute List

Name	Code	Type	I	M
YYYYMMDDHH24MIZZZZ	TIME_KEY	VA16	Yes	Yes
begin time	BEGIN_TIME	DT	No	Yes
query date	QUERY_DATE	VA255	No	Yes
date YYYYMMDD	DATE_YYYYMMDD	VA8	No	Yes
date YYMMDD	DATE_YYMMDD	VA6	No	Yes
date MMDD	DATE_MMDD	VA4	No	Yes
time HH24MI	TIME_HH24MI	VA4	No	Yes
time HHMM AMPM	TIME_HHMM_AMPM	VA6	No	Yes
hour HH24	HOUR_HH24	VA2	No	Yes
end time	END_TIME	DT	No	Yes
day of week short	DAY_OF_WEEK_SHORT	VA3	No	Yes
day of week	DAY_OF_WEEK	VA16	No	Yes
day n in week	DAY_N_IN_WEEK	VA1	No	Yes
day n in month	DAY_N_IN_MONTH	VA2	No	Yes
day n in year	DAY_N_IN_YEAR	VA3	No	Yes
weekend	WEEKEND	A1	No	Yes
week n in month	WEEK_N_IN_MONTH	VA1	No	Yes
week n in year	WEEK_N_IN_YEAR	VA2	No	Yes
month name short	MONTH_NAME_SHORT	VA3	No	Yes
month name	MONTH_NAME	VA16	No	Yes
month n in year	MONTH_N_IN_YEAR	VA2	No	Yes
quarter	QUARTER	A1	No	Yes
calendar quarter	CALENDAR_QUARTER	VA8	No	Yes
year	YEAR	VA4	No	Yes
display date	DISPLAY_DATE	VA255	No	Yes
begin time GMT	BEGIN_TIME_GMT	DT	No	Yes
end time GMT	END_TIME_GMT	DT	No	Yes
TZ	TZ	VA4	No	Yes
agg key 1	AGG_KEY_1	VA255	No	Yes
agg key 2	AGG_KEY_2	VA255	No	Yes
agg key N	AGG_KEY_N	VA255	No	Yes
Agg Inter Count_	AGG_INTER_COUNT_	N	No	Yes
Interval Len Sec_	INTERVAL_LEN_SEC_	N	No	Yes

Data Item YYYYMMDDHH24MIZZZZ

TIME_KEY constructed using specified TimeDimFunction using:

Begin_TimeGMT,
 EndTimeGMT,
 TZ_ID,
 QUERY_DATE_FORMAT,
 DISPLAY_DATE_FORMAT

In YYYYMMDDHH24MIZZZZ format

Data Item begin time

Time when this interval began

Data Item query date

This field used in SQL query definition for report creation

Data Item date YYYYMMDD

Date formatted to YYYYMMDD

Data Item date YYMMDD

Date formatted to YYMMDD

Data Item date MMDD

Date formatted to MMDD

Data Item time HH24MI

Date formatted to HH24MI

Data Item time HHMM AMPM

Date formatted to HHMM AMPM

Data Item hour HH24

Date formatted to HH24

Data Item end time

Time when interval ended

Data Item day of week short

The short form for the day of the week; for example, 'Mon', 'Tue'

Data Item day of week

The full weekday name; for example, 'Monday', 'Tuesday'

Data Item day n in week

1-7

Data Item day n in month

1-31

Data Item day n in year

1-366

Data Item weekend

Boolean, either Y or N

Data Item week n in month

1-5

Data Item week n in year

1-52

Data Item month name short

The short form for the month of the year; for example, 'Jan', 'Feb'

Data Item month name

The full name of the month; for example, 'January', 'February'

Data Item month n in year

1-12

Data Item quarter

Boolean, either Y or N

Data Item calendar quarter

Q1-Q4

Data Item year

Four-digit year

Data Item display date

The hard-coded date used in reports

Data Item begin time GMT

The GMT-equivalent begin time

Data Item end time GMT

The GMT-equivalent end time

Data Item TZ

Time zone of this report view

Data Item agg key 1

The time keys for all aggregation levels in which this interval will participate; particularly week, month, quarter, year

Data Item agg key 2

The time keys for all aggregation levels in which this interval will participate; particularly week, month, quarter, year

Data Item agg key N

The time keys for all aggregation levels in which this interval will participate; particularly week, month, quarter, year

Data Item Agg Inter Count_

The number of parent report view intervals that were aggregated into this interval

Data Item Interval Len Sec_

"real" interval length derived from Stat Server

Reference List

Entity	Card	Dep.	Relationship
Chunk Log(CHUNK_LOG)	1,1	No	ChunkLog2Time(CHUNKLOG2TIME)
Rep N Obj Result(REP_N_OBJ_RESULT)	0,n	Yes	ObjRes2Time(OBJRES2TIME)
Rep N Stat Result(REP_N_STAT_RESULT)	0,n	Yes	StaRes2Time(STARES2TIME)
Time Zone(TIME_ZONE)	1,1	No	Tz2TimeDim(TZ2TIMEDIM)

Entity Time N Month Level

Name:	Time N Month Level
Code:	TIME_N_MONTH_LEVEL
Number:	Generate Table: No

Description

All time indicators take their values from your system.

Annotation

04/27/99 1. TZ_ID, TZ_DAYLIGHT_ID added

Attribute List

Name	Code	Type	I	M
YYYYMM	TIME_KEY	VA6	Yes	Yes
query date	QUERY_DATE	VA255	No	Yes
date YYYYMM	DATE_YYYYMM	VA6	No	Yes
date YYMM	DATE_YYMM	VA4	No	Yes
date MM	DATE_MM	VA4	No	Yes
month name short	MONTH_NAME_SHORT	VA3	No	Yes
month name	MONTH_NAME	VA16	No	Yes
month n in year	MONTH_N_IN_YEAR	VA2	No	Yes
quarter	QUARTER	A1	No	Yes
calendar quarter	CALENDAR_QUARTER	VA8	No	Yes
year	YEAR	VA4	No	Yes
display date	DISPLAY_DATE	VA255	No	Yes
agg key 1	AGG_KEY_1	VA255	No	Yes
agg key 2	AGG_KEY_2	VA255	No	Yes
agg key N	AGG_KEY_N	VA255	No	Yes
Agg Inter Count	AGG_INTER_COUNT	N	No	Yes
Interval Len Sec	INTERVAL_LEN_SEC	N	No	Yes

Data Item YYYYMM

TIME_KEY constructed using specified TimeDimFunction using:

Begin_TimeGMT,

EndTimeGMT,

TZ_ID,

QUERY_DATE_FORMAT,

DISPLAY_DATE_FORMAT

In YYYYMMDDHH24MIZZZZ format

Data Item query date

Used in the SQL query definition for report creation

Data Item date YYYYMM

Date formatted to YYYYMM

Data Item date YYMM

Date formatted to YYMM

Data Item date MM

Date formatted to MM

Data Item month name short

The short form for the month of the year; for example, 'Mon', 'Tue'

Data Item month name

The full name of the month; for example, 'January', 'February'

Data Item month n in year

1-12

Data Item quarter

Q1-Q4

Data Item calendar quarter

Boolean, either Y or N

Data Item year

Four-digit year

Data Item display date

This field will appear in generated report

Data Item agg key 1

The time keys for all aggregation levels in which this interval will participate; particularly week, month, quarter, year

Data Item agg key 2

The time keys for all aggregation levels in which this interval will participate; particularly week, month, quarter, year

Data Item agg key N

The time keys for all aggregation levels in which this interval will participate; particularly week, month, quarter, year

Data Item Agg Inter Count_

The number of parent report view intervals that were aggregated into this interval

Data Item Interval Len Sec_

"real" interval length derived from Stat Server

Entity Time N Year Level

Name:	Time N Year Level
Code:	TIME_N_YEAR_LEVEL
Number:	Generate Table: No

Description

All time indicators take their values from your system.

Annotation

04/27/99 1. TZ_ID, TZ_DAYLIGHT_ID added

Attribute List

Name	Code	Type	I	M
YYYY	TIME_KEY	VA4	Yes	Yes
query date	QUERY_DATE	VA255	No	Yes
date YYYY	DATE_YYYY	VA4	No	Yes
date YY	DATE_YY	VA2	No	Yes
year	YEAR	VA4	No	Yes
display date	DISPLAY_DATE	VA255	No	Yes
agg key 1	AGG_KEY_1	VA255	No	Yes
agg key 2	AGG_KEY_2	VA255	No	Yes
agg key N	AGG_KEY_N	VA255	No	Yes
Agg Inter Count_	AGG_INTER_COUNT_	N	No	Yes
Interval Len Sec_	INTERVAL_LEN_SEC_	N	No	Yes

Data Item YYYY

TIME_KEY constructed using specified TimeDimFunction using:

Begin_TimeGMT,
EndTimeGMT,
TZ_ID,
QUERY_DATE_FORMAT,
DISPLAY_DATE_FORMAT

In YYYYMMDDHH24MIZZZZ format

Data Item query date

Used in the SQL query definition for report creation

Data Item date YYYY

Date formatted to YYYY

Data Item date YY

Date formatted to YY

Data Item year

Four-digit year

Data Item display date

The hard-coded date used in reports

Data Item agg key 1

Not implemented in this release

Data Item agg key 2

Not implemented in this release

Data Item agg key N

Not implemented in this release

Data Item Agg Inter Count_

The number of parent report view intervals that were aggregated into this interval

Data Item Interval Len Sec_

"real" interval length derived from Stat Server

Entity Time Zone

Name:	Time Zone
Code:	TIME_ZONE
Number:	Generate Table: Yes

Description

Time zone definition created during installation

Attribute List

Name	Code	Type	I	M
Time Zone ID	TIME_ZONE_ID	I	Yes	Yes
TZ Short Name	TZ_SHORT_NAME	VA30	No	Yes
TZ ID	TZ_ID	VA10	No	Yes
TZ Name	TZ_NAME	VA255	No	Yes
TZ Daylight ID	TZ_DAYLIGHT_ID	VA10	No	Yes
TZ Daylight Name	TZ_DAYLIGHT_NAME	VA255	No	Yes
Use Day Light	USE_DAY_LIGHT	VA1	No	Yes
Raw Offset	RAW_OFFSET	I	No	Yes
Start Month	START_MONTH	I	No	No
Start Day	START_DAY	I	No	No
Start Day Of Week	START_DAY_OF_WEEK	I	No	No
Start Time	START_TIME	I	No	No
End Month	END_MONTH	I	No	No
End Day	END_DAY	I	No	No
End Day Of Week	END_DAY_OF_WEEK	I	No	No
End Time	END_TIME	I	No	No
Dst Savings	DST_SAVINGS	I	No	No

Data Item Time Zone ID

Autonumbered field

Data Item TZ Short Name

Short name of time zone; for example, Australia/Sydney, America/Los_Angeles

Data Item TZ ID

The unique ID identifying the time zone record; for example, "PST", "GMT-04:00", "GMT+10:00"

Data Item TZ Name

The name of the time zone; for example, "Pacific Standard Time"

Data Item TZ Daylight ID

Time zone ID during daylight saving time; for example, "PDT"

Data Item TZ Daylight Name

More detailed description of the time zone ID during daylight savings time; for example, "Pacific Daylight Time"

Data Item Use Day Light

Boolean, either Y or N. Indicates whether daylight savings time is applicable to this time zone

Data Item Raw Offset

Offset from GMT in milliseconds

Data Item Start Month

The month when daylight savings time begins

Data Item Start Day

The day when daylight savings time begins

Data Item Start Day Of Week

The day of the week when daylight savings time begins

Data Item Start Time

The time when daylight savings time begins, in milliseconds

Data Item End Month

The month when daylight savings time ends

Data Item End Day

The day when daylight savings time ends

Data Item End Day Of Week

The day of the week when daylight savings time ends

Data Item End Time

The time when daylight savings time ends, in milliseconds

Data Item Dst Savings

Savings amount in milliseconds; for example, 0, 1800000, 3600000

Reference List

Entity	Card	Dep.	Relationship
Lookup AGG_BY_WEEK(LOOKUP_AGG_BY_WEEK)	0,n	Yes	LAGGW2TZ(LAGGW2TZ)
Source(SOURCE)	0,n	No	TZ to Src(TZ_TO_SRC)
Time N Min Level(TIME_N_MIN_LEVEL)	0,n	No	Tz2TimeDim(TZ2TIMEDIM)
Report View(REPORT_VIEW)	0,n	No	Tz2View(TZ2VIEW)

Entity Transformer Option

Name:	Transformer Option
Code:	TRANSFORMER_OPTION
Number:	Generate Table: No

Description

Not implemented in this release

Attribute List

Name	Code	Type	I	M
Option Key	OPTION_KEY	I	Yes	Yes
Option Value	OPTION_VALUE	VA255	No	Yes
Is Active	IS_ACTIVE	BL	No	Yes
Option Comment	OPTION_COMMENT	VA255	No	No

Entity View Agg Column

Name:	View Agg Column
Code:	VIEW_AGG_COLUMN
Number:	Generate Table: Yes

Description

This table describes the aggregation columns belonging to the report view's time dimension.

Attribute List

Name	Code	Type	I	M
is Displayed	IS_DISPLAYED	VA1	No	Yes
Col Alias for View	COL_ALIAS_FOR_VIEW	VA18	No	No

Data Item is Displayed

Not implemented in this release

Data Item Col Alias for View

Not implemented in this release

Reference List

Entity	Card	Dep.	Relationship
Agg Column(AGG_COLUMN)	1,1	Yes	AggC2View(AGGC2VIEW)
Report View(REPORT_VIEW)	0,n	No	Parent Agg(PARENT_AGG)
Report View(REPORT_VIEW)	1,1	Yes	View2AggC(VIEW2AGGC)

Entity View Temp Agg Col

Name:	View Temp Agg Col
Code:	VIEW_TEMP_AGG_COL
Number:	Generate Table: Yes

Description

This table describes the aggregation columns belonging to the view template.

Attribute List

Name	Code	Type	I	M
is Displayed	IS_DISPLAYED	VA1	No	Yes
Col Alias for View	COL_ALIAS_FOR_VIEW	VA18	No	No

Data Item is Displayed

Not implemented in this release

Data Item Col Alias for View

Not implemented in this release

Reference List

Entity	Card	Dep.	Relationship
View Template(VIEW_TEMPLATE)	1,1	Yes	AggC2TView(AGGC2TVIEW)
Agg Column(AGG_COLUMN)	1,1	Yes	TView2AggC(TVIEW2AGGC)
View Template(VIEW_TEMPLATE)	0,n	No	TViewParent(TVIEWPARENT)

Entity View Temp Time Col

Name:	View Temp Time Col
Code:	VIEW_TEMP_TIME_COL
Number:	Generate Table: Yes

Description

This table describes the time columns belonging to the view template.

Attribute List

Name	Code	Type	I	M
is Displayed	IS_DISPLAYED	VA1	No	Yes
Order Num in Key	ORDER_NUM_IN_KEY	N	No	No
Index Domain	INDEX_DOMAIN	VA255	No	No
Col Alias for View	COL_ALIAS_FOR_VIEW	VA18	No	No

Data Item is Displayed

Not implemented in this release

Data Item Order Num in Key

Not implemented in this release

Data Item Index Domain

If this value is null, no index will be built.

If this value is the name of the domain, then all fields with the same domain name will participate in the composite index for each report view that uses this function in order of Func Param Id (if only one parameter per domain--index would be regular). If the domain name begins with '_' (like '_domain'), the index would be declared as unique.

Data Item Col Alias for View

The name of this column in the TIME_DIM table

Reference List

Entity	Card	Dep.	Relationship
Time Column(TIME_COLUMN)	1,1	Yes	TimeC2ViewT(TIMEC2VIEWT)
View Template(VIEW_TEMPLATE)	1,1	Yes	ViewT2TimeC(VIEWT2TIMEC)

Entity View Template

Name:	View Template
Code:	VIEW_TEMPLATE
Number:	Generate Table: Yes

Description

This table defines the aggregation view template

Attribute List

Name	Code	Type	I	M
View Temp Name	VIEW_TEMP_NAME	VA64	Yes	Yes
Rep View Name	REP_VIEW_NAME	VA64	No	Yes
Rep View Desc	REP_VIEW_DESC	VA255	No	No

Data Item View Temp Name

The unique ID for this report view

Data Item Rep View Name

The view name, either user specified or generated automatically

Data Item Rep View Desc

Text description of this report view, either user specified or generated automatically

Reference List

Entity	Card	Dep.	Relationship
View Temp Agg Col(VIEW_TEMP_AGG_COL)	0,n	Yes	AggC2TView(AGGC2TVIEW)
Folder Template(FOLDER_TEMPLATE)	1,1	No	FoldT To ViewT(FTEMP_TO_VTEMP)
Temp TFun Par Val(TEMP_TFUN_PAR_VAL)	0,n	Yes	Tview2TFunPV(TVIEW2TFUNPV)
View Temp Agg Col(VIEW_TEMP_AGG_COL)	0,1	No	TViewParent(TVIEWPARENT)
Report View(REPORT_VIEW)	0,n	No	View2ViewT(VIEW2VIEWT)
View Temp Time Col(VIEW_TEMP_TIME_COL)	0,n	Yes	ViewT2TimeC(VIEWT2TIMEC)

Entity View Time Column

Name:	View Time Column
Code:	VIEW_TIME_COLUMN
Number:	Generate Table: Yes

Description

This table describes the time dimension fields included in the report view.

Attribute List

Name	Code	Type	I	M
is Displayed	IS_DISPLAYED	VA1	No	Yes
Order Num in Key	ORDER_NUM_IN_KEY	N	No	No
Index Domain	INDEX_DOMAIN	VA255	No	No
Col Alias for View	COL_ALIAS_FOR_VIEW	VA18	No	No

Data Item is Displayed

Not implemented in this release

Data Item Order Num in Key

Not implemented in this release

Data Item Index Domain

If this value null, no index will be built.

If this value is the name of domain, then all fields with same domain name will participate in composite index for each Report View that use this function in order of Func Param Id (if only one parameter per domain--index would be regular). If the domain name begins with '_' (like '_domain'), index would be declared as unique.

Data Item Col Alias for View

Not implemented in this release.

Reference List

Entity	Card	Dep.	Relationship
Report View(REPORT_VIEW)	1,1	Yes	View2TimeC(VIEW2TIMEC)
Time Column(TIME_COLUMN)	1,1	Yes	VTimeC2TimeC(VTIMEC2TIMEC)

Relationships Information

Relationship AggC2TView

Name: AggC2TView
Code: AGGC2TVIEW
Entity 1: View Template
Entity 2: View Temp Agg Col
Cardinality: One to Many
Entity 2 dependent of Entity 1: Yes

Entity 1 --> Entity 2:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Entity 2 --> Entity 1:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, 1

Relationship AggC2View

Name: AggC2View
Code: AGGC2VIEW
Entity 1: Agg Column
Entity 2: View Agg Column
Cardinality: One to Many
Entity 2 dependent of Entity 1: Yes

Entity 1 --> Entity 2:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Entity 2 --> Entity 1:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, 1

Relationship AggRFirst

Name: AggRFirst
Code: AGGRFIRST
Entity 1: Agg Column
Entity 2: Agg Rule
Cardinality: One to Many
Entity 2 dependent of Entity 1: Yes

Entity 1 --> Entity 2:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Entity 2 --> Entity 1:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, 1

Relationship AggRSecond

Name: AggRSecond
Code: AGGRSECOND
Entity 1: Agg Column
Entity 2: Agg Rule
Cardinality: One to Many
Entity 2 dependent of Entity 1: Yes

Entity 1 --> Entity 2:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Entity 2 --> Entity 1:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, 1

Relationship Cat2compStat

Name: Cat2compStat
Code: CAT2COMPSTAT
Entity 1: Comp Stat Category
Entity 2: Comp Stat
Cardinality: One to Many
Entity 2 dependent of Entity 1: No

Entity 1 --> Entity 2:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Entity 2 --> Entity 1:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, 1

Relationship CHILD_O2O

Name: CHILD_O2O
Code: CHILD_O2O
Entity 1: Call Center Object
Entity 2: Obj To Obj
Cardinality: One to Many
Entity 2 dependent of Entity 1: Yes

Entity 1 --> Entity 2:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Entity 2 --> Entity 1:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, 1

Relationship ChildView2Blog

Name: ChildView2Blog
Code: CHILDVIEW2BLOG
Entity 1: Report View
Entity 2: Report View Rebuild Log
Cardinality: One to Many
Entity 2 dependent of Entity 1: No

Entity 1 --> Entity 2:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Entity 2 --> Entity 1:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, 1

Relationship ChunkLog2Time

Name: ChunkLog2Time
Code: CHUNKLOG2TIME
Entity 1: Chunk Log
Entity 2: Time N Min Level
Cardinality: One to Many
Entity 2 dependent of Entity 1: No

Entity 1 --> Entity 2:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Entity 2 --> Entity 1:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, 1

Relationship Comp To Basic Stat

Name: Comp To Basic Stat
Code: COMP_TO_BASIC_STAT
Entity 1: Comp Stat
Entity 2: Basic Stat
Cardinality: Many to Many
Entity 2 dependent of Entity 1: No

Entity 1 --> Entity 2:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, n

Entity 2 --> Entity 1:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, n

Relationship Comp2FoldT

Name: Comp2FoldT
Code: COMP2FOLDT
Entity 1: Comp Stat
Entity 2: Fold Temp To Comp
Cardinality: One to Many
Entity 2 dependent of Entity 1: Yes

Entity 1 --> Entity 2:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Entity 2 --> Entity 1:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, 1

Relationship CompS2Fold

Name: CompS2Fold
Code: COMPS2FOLD
Entity 1: Comp Stat
Entity 2: Fold To Comp Stat
Cardinality: One to Many
Entity 2 dependent of Entity 1: Yes

Entity 1 --> Entity 2:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Entity 2 --> Entity 1:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, 1

Relationship Cs To Obj

Name: Cs To Obj
Code: CS_TO_OBJ
Entity 1: Config Server
Entity 2: Call Center Object
Cardinality: One to Many
Entity 2 dependent of Entity 1: No

Entity 1 --> Entity 2:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Entity 2 --> Entity 1:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, 1

Relationship Cs To ObjD

Name: Cs To ObjD
Code: CS_TO_OBJD
Entity 1: Config Server
Entity 2: Rep N Obj Desc
Cardinality: One to Many
Entity 2 dependent of Entity 1: No

Entity 1 --> Entity 2:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Entity 2 --> Entity 1:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, 1

Relationship Cs To Src

Name: Cs To Src
Code: CS_TO_SRC
Entity 1: Config Server
Entity 2: Source
Cardinality: One to Many
Entity 2 dependent of Entity 1: No

Entity 1 --> Entity 2:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Entity 2 --> Entity 1:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, 1

Relationship EChunk2ChLog

Name: EChunk2ChLog
Code: ECHUNK2CHLOG
Entity 1: Chunk Log
Entity 2: Error Chunk
Cardinality: One to Many
Entity 2 dependent of Entity 1: Yes

Entity 1 --> Entity 2:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Entity 2 --> Entity 1:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, 1

Relationship ELog2ChLog

Name: ELog2ChLog
Code: ELOG2CHLOG
Entity 1: Chunk Log
Entity 2: Chunk Load Err Log
Cardinality: One to Many
Entity 2 dependent of Entity 1: No

Entity 1 --> Entity 2:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Entity 2 --> Entity 1:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, 1

Relationship Fold To Log

Name: Fold To Log
Code: FOLD_TO_LOG
Entity 1: Report Folder
Entity 2: Chunk Log
Cardinality: One to Many
Entity 2 dependent of Entity 1: No

Entity 1 --> Entity 2:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Entity 2 --> Entity 1:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, 1

Relationship Fold To Rep

Name: Fold To Rep
Code: FOLD_TO_REP
Entity 1: Report Folder
Entity 2: Report View
Cardinality: One to Many
Entity 2 dependent of Entity 1: No

Entity 1 --> Entity 2:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Entity 2 --> Entity 1:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, 1

Relationship Fold To Tab

Name: Fold To Tab
Code: FOLD_TO_TAB
Entity 1: Report Folder
Entity 2: Report Table
Cardinality: One to Many
Entity 2 dependent of Entity 1: No

Entity 1 --> Entity 2:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Entity 2 --> Entity 1:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, 1

Relationship Fold2CompS

Name: Fold2CompS
Code: FOLD2COMPS
Entity 1: Report Folder
Entity 2: Fold To Comp Stat
Cardinality: One to Many
Entity 2 dependent of Entity 1: Yes

Entity 1 --> Entity 2:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Entity 2 --> Entity 1:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, 1

Relationship FoldT To Fold

Name: FoldT To Fold
Code: FOLT_TO_FOL
Entity 1: Folder Template
Entity 2: Report Folder
Cardinality: One to Many
Entity 2 dependent of Entity 1: No

Entity 1 --> Entity 2:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Entity 2 --> Entity 1:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, 1

Relationship FoldT To ViewT

Name: FoldT To ViewT
Code: FTEMP_TO_VTEMP
Entity 1: Folder Template
Entity 2: View Template
Cardinality: One to Many
Entity 2 dependent of Entity 1: No

Entity 1 --> Entity 2:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Entity 2 --> Entity 1:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, 1

Relationship FoldT2Comp

Name: FoldT2Comp
Code: FOLDT2COMP
Entity 1: Folder Template
Entity 2: Fold Temp To Comp
Cardinality: One to Many
Entity 2 dependent of Entity 1: Yes

Entity 1 --> Entity 2:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Entity 2 --> Entity 1:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, 1

Relationship In Agg Col

Name: In Agg Col
Code: IN_AGG_COL
Entity 1: Agg Column
Entity 2: Time Function
Cardinality: One to Many
Entity 2 dependent of Entity 1: No

Entity 1 --> Entity 2:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Entity 2 --> Entity 1:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, 1

Relationship InfoType2Tab

Name: InfoType2Tab
Code: INFOTYPE2TAB
Entity 1: Tab Info Type
Entity 2: Report Table
Cardinality: One to Many
Entity 2 dependent of Entity 1: No

Entity 1 --> Entity 2:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Entity 2 --> Entity 1:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, 1

Relationship LAGGW2TZ

Name: LAGGW2TZ
Code: LAGGW2TZ
Entity 1: Time Zone
Entity 2: Lookup AGG_BY_WEEK
Cardinality: One to Many
Entity 2 dependent of Entity 1: Yes

Entity 1 --> Entity 2:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Entity 2 --> Entity 1:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, 1

Relationship Lay To Fold

Name: Lay To Fold
Code: LAY_TO_FOLD
Entity 1: Report Folder
Entity 2: Report Layout
Cardinality: Many to One
Entity 2 dependent of Entity 1: No

Entity 1 --> Entity 2:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, 1

Entity 2 --> Entity 1:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Relationship Lay To Obj

Name: Lay To Obj
Code: LAY_TO_OBJ
Entity 1: Report Layout
Entity 2: Layout Objects
Cardinality: One to Many
Entity 2 dependent of Entity 1: Yes

Entity 1 --> Entity 2:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Entity 2 --> Entity 1:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, 1

Relationship Lay To Stat

Name: Lay To Stat
Code: LAY_TO_STAT
Entity 1: Statistic
Entity 2: Report Layout
Cardinality: Many to One
Entity 2 dependent of Entity 1: No

Entity 1 --> Entity 2:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, 1

Entity 2 --> Entity 1:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Relationship Obj To Lay

Name: Obj To Lay
Code: OBJ_TO_LAY
Entity 1: Call Center Object
Entity 2: Layout Objects
Cardinality: One to Many
Entity 2 dependent of Entity 1: Yes

Entity 1 --> Entity 2:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Entity 2 --> Entity 1:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, 1

Relationship Obj2EChunk

Name: Obj2EChunk
Code: RELATION_7631
Entity 1: Call Center Object
Entity 2: Error Chunk
Cardinality: One to Many
Entity 2 dependent of Entity 1: Yes

Entity 1 --> Entity 2:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Entity 2 --> Entity 1:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, 1

Relationship ObjD To StatR

Name: ObjD To StatR
Code: OBJD_TO_STATR
Entity 1: Rep N Obj Desc
Entity 2: Rep N Stat Result
Cardinality: One to Many
Entity 2 dependent of Entity 1: Yes

Entity 1 --> Entity 2:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Entity 2 --> Entity 1:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, 1

Relationship ObjRes2Time

Name: ObjRes2Time
Code: OBJRES2TIME
Entity 1: Time N Min Level
Entity 2: Rep N Obj Result
Cardinality: One to Many
Entity 2 dependent of Entity 1: Yes

Entity 1 --> Entity 2:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Entity 2 --> Entity 1:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, 1

Relationship OutAgg2TimeF

Name: OutAgg2TimeF
Code: OUTAGG2TIMEF
Entity 1: Agg Column
Entity 2: OutCome Agg Column
Cardinality: One to Many
Entity 2 dependent of Entity 1: Yes

Entity 1 --> Entity 2:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Entity 2 --> Entity 1:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, 1

Relationship PAR_O2O

Name: PAR_O2O
Code: PAR_O2O
Entity 1: Call Center Object
Entity 2: Obj To Obj
Cardinality: One to Many
Entity 2 dependent of Entity 1: Yes

Entity 1 --> Entity 2:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Entity 2 --> Entity 1:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, 1

Relationship Parent Agg

Name: Parent Agg
Code: PARENT_AGG
Entity 1: Report View
Entity 2: View Agg Column
Cardinality: Many to One
Entity 2 dependent of Entity 1: No

Entity 1 --> Entity 2:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, 1

Entity 2 --> Entity 1:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Relationship Rep To Tab

Name: Rep To Tab
Code: REP_TO_TAB
Entity 1: Report Table
Entity 2: Report View
Cardinality: Many to Many
Entity 2 dependent of Entity 1: No

Entity 1 --> Entity 2:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, n

Entity 2 --> Entity 1:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Relationship Src To Fold

Name: Src To Fold
Code: SRC_TO_FOLD
Entity 1: Report Folder
Entity 2: Source
Cardinality: Many to One
Entity 2 dependent of Entity 1: No

Entity 1 --> Entity 2:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, 1

Entity 2 --> Entity 1:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Relationship Src To Lay

Name: Src To Lay
Code: SRC_TO_LAY
Entity 1: Source
Entity 2: Report Layout
Cardinality: One to Many
Entity 2 dependent of Entity 1: No

Entity 1 --> Entity 2:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Entity 2 --> Entity 1:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, 1

Relationship Src To Log

Name: Src To Log
Code: SRC_TO_LOG
Entity 1: Source
Entity 2: Chunk Log
Cardinality: One to Many
Entity 2 dependent of Entity 1: No

Entity 1 --> Entity 2:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Entity 2 --> Entity 1:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, 1

Relationship Src To Stat

Name: Src To Stat
Code: SRC_TO_STAT
Entity 1: Source
Entity 2: Statistic
Cardinality: One to Many
Entity 2 dependent of Entity 1: No

Entity 1 --> Entity 2:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Entity 2 --> Entity 1:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, 1

Relationship StaRes2Time

Name: StaRes2Time
Code: STARES2TIME
Entity 1: Time N Min Level
Entity 2: Rep N Stat Result
Cardinality: One to Many
Entity 2 dependent of Entity 1: Yes

Entity 1 --> Entity 2:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Entity 2 --> Entity 1:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, 1

Relationship Stat To Par

Name: Stat To Par
Code: STAT_TO_PAR
Entity 1: Statistic
Entity 2: Parameter
Cardinality: Many to Many
Entity 2 dependent of Entity 1: No

Entity 1 --> Entity 2:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, n

Entity 2 --> Entity 1:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, n

Relationship Stat2EChunk

Name: Stat2EChunk
Code: STAT2ECHUNK
Entity 1: Statistic
Entity 2: Error Chunk
Cardinality: One to Many
Entity 2 dependent of Entity 1: Yes

Entity 1 --> Entity 2:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Entity 2 --> Entity 1:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, 1

Relationship StatD To ObjR

Name: StatD To ObjR
Code: STATD_TO_OBJR
Entity 1: Rep N Stat Desc
Entity 2: Rep N Obj Result
Cardinality: One to Many
Entity 2 dependent of Entity 1: Yes

Entity 1 --> Entity 2:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Entity 2 --> Entity 1:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, 1

Relationship TFunPV2Tview

Name: TFunPV2Tview
Code: TFUNPV2TVIEW
Entity 1: Time Fun Param
Entity 2: Temp TFun Par Val
Cardinality: One to Many
Entity 2 dependent of Entity 1: Yes

Entity 1 --> Entity 2:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Entity 2 --> Entity 1:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, 1

Relationship TimeC2ViewT

Name: TimeC2ViewT
Code: TIMEC2VIEWT
Entity 1: Time Column
Entity 2: View Temp Time Col
Cardinality: One to Many
Entity 2 dependent of Entity 1: Yes

Entity 1 --> Entity 2:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Entity 2 --> Entity 1:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, 1

Relationship TimeF2OutAgg

Name: TimeF2OutAgg
Code: TIMEF2OUTAGG
Entity 1: Time Function
Entity 2: OutCome Agg Column
Cardinality: One to Many
Entity 2 dependent of Entity 1: Yes

Entity 1 --> Entity 2:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Entity 2 --> Entity 1:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, 1

Relationship TimeF2Param

Name: TimeF2Param
Code: TIMEF2PARAM
Entity 1: Time Function
Entity 2: Time Fun Param
Cardinality: One to Many
Entity 2 dependent of Entity 1: No

Entity 1 --> Entity 2:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Entity 2 --> Entity 1:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, 1

Relationship TimeF2TimeC

Name: TimeF2TimeC
Code: TIMEF2TIMEC
Entity 1: Time Column
Entity 2: Time Function
Cardinality: Many to One
Entity 2 dependent of Entity 1: No

Entity 1 --> Entity 2:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, 1

Entity 2 --> Entity 1:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Relationship TimeFParVal

Name: TimeFParVal
Code: TIMEFPARVAL
Entity 1: Time Fun Param
Entity 2: Time Fun Param Val
Cardinality: One to Many
Entity 2 dependent of Entity 1: Yes

Entity 1 --> Entity 2:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Entity 2 --> Entity 1:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, 1

Relationship TView2AggC

Name: TView2AggC
Code: TVIEW2AGGC
Entity 1: Agg Column
Entity 2: View Temp Agg Col
Cardinality: One to Many
Entity 2 dependent of Entity 1: Yes

Entity 1 --> Entity 2:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Entity 2 --> Entity 1:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, 1

Relationship Tview2TFunPV

Name: Tview2TFunPV
Code: TVIEW2TFUNPV
Entity 1: View Template
Entity 2: Temp TFun Par Val
Cardinality: One to Many
Entity 2 dependent of Entity 1: Yes

Entity 1 --> Entity 2:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Entity 2 --> Entity 1:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, 1

Relationship TViewParent

Name: TViewParent
Code: TVIEWPARENT
Entity 1: View Temp Agg Col
Entity 2: View Template
Cardinality: One to Many
Entity 2 dependent of Entity 1: No

Entity 1 --> Entity 2:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Entity 2 --> Entity 1:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, 1

Relationship TZ to Src

Name: TZ to Src
Code: TZ_TO_SRC
Entity 1: Time Zone
Entity 2: Source
Cardinality: One to Many
Entity 2 dependent of Entity 1: No

Entity 1 --> Entity 2:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Entity 2 --> Entity 1:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, 1

Relationship Tz2TimeDim

Name: Tz2TimeDim
Code: TZ2TIMEDIM
Entity 1: Time Zone
Entity 2: Time N Min Level
Cardinality: One to Many
Entity 2 dependent of Entity 1: No

Entity 1 --> Entity 2:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Entity 2 --> Entity 1:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, 1

Relationship Tz2View

Name: Tz2View
Code: TZ2VIEW
Entity 1: Time Zone
Entity 2: Report View
Cardinality: One to Many
Entity 2 dependent of Entity 1: No

Entity 1 --> Entity 2:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Entity 2 --> Entity 1:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, 1

Relationship View To BLog

Name: View To BLog
Code: VIEW_TO_BLOG
Entity 1: Report View
Entity 2: Report View Rebuild Log
Cardinality: One to Many
Entity 2 dependent of Entity 1: No

Entity 1 --> Entity 2:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Entity 2 --> Entity 1:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, 1

Relationship View To Log

Name: View To Log
Code: VIEW_TO_LOG
Entity 1: Chunk Log
Entity 2: Report View
Cardinality: Many to One
Entity 2 dependent of Entity 1: No

Entity 1 --> Entity 2:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, 1

Entity 2 --> Entity 1:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Relationship View to pending aggregation

Name: View to pending aggregation
Code: VIEW_TO_PENDING_AG
Entity 1: Report View
Entity 2: Pending Aggregations
Cardinality: One to Many
Entity 2 dependent of Entity 1: No

Entity 1 --> Entity 2:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Entity 2 --> Entity 1:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, 1

Relationship View2AggC

Name: View2AggC
Code: VIEW2AGGC
Entity 1: Report View
Entity 2: View Agg Column
Cardinality: One to Many
Entity 2 dependent of Entity 1: Yes

Entity 1 --> Entity 2:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Entity 2 --> Entity 1:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, 1

Relationship View2FParV

Name: View2FParV
Code: VIEW2FPARV
Entity 1: Report View
Entity 2: Time Fun Param Val
Cardinality: One to Many
Entity 2 dependent of Entity 1: Yes

Entity 1 --> Entity 2:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Entity 2 --> Entity 1:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, 1

Relationship View2l

Name: View2l
Code: VIEW2L
Entity 1: Report View
Entity 2: Purging Log
Cardinality: One to Many
Entity 2 dependent of Entity 1: No

Entity 1 --> Entity 2:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Entity 2 --> Entity 1:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, 1

Relationship View2r

Name: View2r
Code: VIEW2R
Entity 1: Report View
Entity 2: Purging Rules
Cardinality: One to Many
Entity 2 dependent of Entity 1: No

Entity 1 --> Entity 2:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Entity 2 --> Entity 1:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, 1

Relationship View2TimeC

Name: View2TimeC
Code: VIEW2TIMEC
Entity 1: Report View
Entity 2: View Time Column
Cardinality: One to Many
Entity 2 dependent of Entity 1: Yes

Entity 1 --> Entity 2:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Entity 2 --> Entity 1:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, 1

Relationship View2ViewT

Name: View2ViewT
Code: VIEW2VIEWT
Entity 1: Report View
Entity 2: View Template
Cardinality: Many to One
Entity 2 dependent of Entity 1: No

Entity 1 --> Entity 2:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, 1

Entity 2 --> Entity 1:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Relationship ViewT2TimeC

Name: ViewT2TimeC
Code: VIEWT2TIMEC
Entity 1: View Template
Entity 2: View Temp Time Col
Cardinality: One to Many
Entity 2 dependent of Entity 1: Yes

Entity 1 --> Entity 2:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Entity 2 --> Entity 1:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, 1

Relationship VTimeC2TimeC

Name: VTimeC2TimeC
Code: VTIMEC2TIMEC
Entity 1: Time Column
Entity 2: View Time Column
Cardinality: One to Many
Entity 2 dependent of Entity 1: Yes

Entity 1 --> Entity 2:

Role:
Mandatory: No
Dominant: No
Min, Max: 0, n

Entity 2 --> Entity 1:

Role:
Mandatory: Yes
Dominant: No
Min, Max: 1, 1