

PlanNOW!

Technical Design Document

Enterprise Planning Server Edition Release 2020.1

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# Technical Design Document

### Document Purpose

The purpose of the EP Technical Design Document is to define the blueprint for the implementation of the Enterprise Knowledge Base (EKB) which is comprised of three components: Structure, Foundation and Quartz. Also defined within this document is the configuration of the EP Mid-Tier Server.

Refer to the EP Functional Design Document for details about the functional requirements and refer to the EP Product documentation for details about the architecture, features and components of the Enterprise Planning product, EKB database and supporting administrator toolset.

### Audience

This document is directed at EP Technical personnel who have a working knowledge of the configuration of the EKB database and the tools provided by the Enterprise Planning product to accomplish this endeavor.

### Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| **Version** | **Date** | **Author** | **Description** |
| 1.0 | 09-04-2018 |  | Initial Draft |
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# Section 1: Structure Definitions

Configuration covered in this section is accomplished using the JDA Integrator implemented within either Mulesoft (beginning with EP 2019) or the IBM Director Client application (pre EP 2019).

### Hierarchies

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **HIERARCHY DEFINITIONS** | | | | | |
| **ID** | **BUSINESS ENTITY** | **PARENT ID** | **CULTURE NAME** | **SHORT DESCRIPTION** | **LONG DESCRIPTION** |
| Primary Product Hierarchy1 | 1 |  | en-US | Primary Product Hierarchy | The primary Product hierarchy in the Product business entity. |
| Primary Organization Hierarchy1 | 2 |  | en-US | Primary Organization Hierarchy | The primary Organization hierarchy in the Organization business entity. |
| Primary Calendar Hierarchy1 | 4 |  | en-US | Primary Calendar Hierarchy | The primary Calendar hierarchy in the Calendar business entity. |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

*1Hierararchy Definition pre-exists and does not have to be created*

### Members and Attributes

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **MEMBER DEFINITIONS** | | | | |
| **BUSINESS ENTITY** | **ID** | **CULTURE NAME** | **SHORT DESCRIPTION** | **LONG DESCRIPTION** |
| 1 | P1 | en-US | Placeholder 1 | Placeholder 1 |
| 1 | P2 | en-US | Placeholder 2 | Placeholder 2 |
| 1 | TOTPROD | en-US | Total Product | Total Product |
| 1 | DIV | en-US | Division | Division |
| 1 | DPT | en-US | Department | Department |
| 1 | SUBDPT | en-US | SubDepartment | SubDepartment |
| 1 | CLASS | en-US | Class | Class |
| 1 | SUBCLASS | en-US | SubClass | SubClass |
| 1 | STYLE | en-US | Style | Style |
| 1 | STYLECOLOR1 | en-US | StyleColor | StyleColor |
| 2 | P1 | en-US | Placeholder 1 | Placeholder 1 |
| 2 | TOTORG | en-US | Total Organization | Total Organization |
| 2 | BU | en-US | Business Unit | Business Unit |
| 2 | CHANNEL | en-US | Channel | Channel |
| 2 | REGION | en-US | Region | Region |
| 2 | DISTRICT | en-US | District | District |
| 2 | TOUCHPOINT2 | en-US | TouchPoint | TouchPoint |
| 4 | TOTYEAR | en-US | Total Year | Total Year |
| 4 | YEAR | en-US | Year | Year |
| 4 | SEASON | en-US | Season | Season |
| 4 | QUARTER | en-US | Quarter | Quarter |
| 4 | PERIOD | en-US | Period | Period |
| 4 | WEEK | en-US | Week | Week |
| 4 | DAY3 | en-US | Day | Day |

*1Rename of the existing SKU Member Definition*

*2Rename of the existing Store Member Definition*

*3Day Member Definition pre-exists and does not have to be created*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ATTRIBUTE DEFINITIONS** | | | | | | |
| **ID** | **AS COLUMN NAME** | **ATTR TYPE** | **MAX LENGTH** | **CULTURE NAME** | **SHORT DESCRIPTION** | **LONG DESCRIPTION** |
| KEYBRAND | KEYBRAND | 6 | 50 | en-US | KeyBrand | KeyBrand |
| LIFESTYLE | LIFESTYLE | 6 | 50 | en-US | Lifestyle | Lifestyle |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ATTRIBUTE POTENTIAL VALUES** | | | | |
| **CURRENT ID** | **ATTR TYPE** | **VALUE ID** | **CULTURE NAME** | **STRING VALUE** |
| KEYBRAND | 6 | Anthology | en-US | Anthology |
| KEYBRAND | 6 | Black | en-US | Black |
| KEYBRAND | 6 | Blue | en-US | Blue |
| KEYBRAND | 6 | Gray | en-US | Gray |
| KEYBRAND | 6 | No Label | en-US | No Label |
| KEYBRAND | 6 | Red | en-US | Red |
| KEYBRAND | 6 | Vintage | en-US | Vintage |
| LIFESTYLE | 6 | Casual | en-US | Casual |
| LIFESTYLE | 6 | Dress | en-US | Dress |
| LIFESTYLE | 6 | Weekend | en-US | Weekend |
| LIFESTYLE | 6 | WTW | en-US | WTW |

|  |  |  |
| --- | --- | --- |
| **MEMBER ATTRIBUTE DEFINITIONS** | | |
| **BUSINESS ENTITY** | **MEMBER DEFINITION ID** | **ATTRIBUTE DEFINITION ID** |
| 1 | STYLECOLOR | KEYBRAND |
| 1 | STYLECOLOR | LIFESTYLE |

### Levels

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **LEVEL DEFINITIONS** | | | | | | | |
| **BUSINESS ENTITY** | **ID** | **AS TABLE NAME** | **DISTANCE FROM CORE** | **CULTURE NAME** | **MEMBER DEF ID** | **SHORT DESCRIPTION** | **LONG DESCRIPTION** |
| 1 | P1 | P1 | 9 | en-US | P1 | Placeholder 1 | Placeholder 1 |
| 1 | P2 | P2 | 8 | en-US | P2 | Placeholder 2 | Placeholder 2 |
| 1 | TOTPROD | TOTPROD | 7 | en-US | TOTPROD | Total Product | Total Product |
| 1 | DIV | DIV | 6 | en-US | DIV | Division | Division |
| 1 | DPT | DPT | 5 | en-US | DPT | Department | Department |
| 1 | SUBDPT | SUBDPT | 4 | en-US | SUBDPT | SubDepartment | SubDepartment |
| 1 | CLASS | CLASS | 3 | en-US | CLASS | Class | Class |
| 1 | SUBCLASS | SUBCLASS | 2 | en-US | SUBCLASS | SubClass | SubClass |
| 1 | STYLE | STYLE | 1 | en-US | STYLE | Style | Style |
| 1 | STYLECOLOR1 | STYLECOLOR | 0 | en-US | STYLECOLOR | StyleColor | StyleColor |
| 2 | P1 | P1 | 6 | en-US | P1 | Placeholder 1 | Placeholder 1 |
| 2 | TOTORG | TOTORG | 5 | en-US | TOTORG | Total Organization | Total Organization |
| 2 | BU | BU | 4 | en-US | BU | Business Unit | Business Unit |
| 2 | CHANNEL | CHANNEL | 3 | en-US | CHANNEL | Channel | Channel |
| 2 | REGION | REGION | 2 | en-US | REGION | Region | Region |
| 2 | DISTRICT | DISTRICT | 1 | en-US | DISTRICT | District | District |
| 2 | TOUCHPOINT2 | TOUCHPOINT | 7 | en-US | TOUCHPOINT | TouchPoint | TouchPoint |
| 4 | TOTYEAR | TOTYEAR | 6 | en-US | TOTYEAR | Total Year | Total Year |
| 4 | YEAR | YEAR | 5 | en-US | YEAR | Year | Year |
| 4 | SEASON | SEASON | 4 | en-US | SEASON | Season | Season |
| 4 | QUARTER | QUARTER | 3 | en-US | QUARTER | Quarter | Quarter |
| 4 | PERIOD | PERIOD | 2 | en-US | PERIOD | Period | Period |
| 4 | WEEK | WEEK | 1 | en-US | WEEK | Week | Week |
| 4 | DAY3 | DAY | 0 | en-US | DAY | Day | Day |

*1Rename of the existing SKU Level Definition*

*2Rename of the existing Store Level Definition*

*3Day Level Definition pre-exists and does not have to be created*

|  |  |  |
| --- | --- | --- |
| **HIERARCHY LEVEL DEFINITIONS** | | |
| **BUSINESS ENTITY** | **HIEARCHY DEFINITION ID** | **LEVEL DEFINITION ID** |
| 1 | Primary Product Hierarchy | P1 |
| 1 | Primary Product Hierarchy | P2 |
| 1 | Primary Product Hierarchy | TOTPROD |
| 1 | Primary Product Hierarchy | DIV |
| 1 | Primary Product Hierarchy | DPT |
| 1 | Primary Product Hierarchy | SUBDPT |
| 1 | Primary Product Hierarchy | CLASS |
| 1 | Primary Product Hierarchy | SUBCLASS |
| 1 | Primary Product Hierarchy | STYLE |
| 1 | Primary Product Hierarchy | STYLECOLOR1 |
| 2 | Primary Organization Hierarchy | P1 |
| 2 | Primary Organization Hierarchy | TOTORG |
| 2 | Primary Organization Hierarchy | BU |
| 2 | Primary Organization Hierarchy | CHANNEL |
| 2 | Primary Organization Hierarchy | REGION |
| 2 | Primary Organization Hierarchy | DISTRICT |
| 2 | Primary Organization Hierarchy | TOUCHPOINT1 |
| 4 | Primary Calendar Hierarchy | TOTYEAR |
| 4 | Primary Calendar Hierarchy | YEAR |
| 4 | Primary Calendar Hierarchy | SEASON |
| 4 | Primary Calendar Hierarchy | QUARTER |
| 4 | Primary Calendar Hierarchy | PERIOD |
| 4 | Primary Calendar Hierarchy | WEEK |
| 4 | Primary Calendar Hierarchy | DAY1 |

*1Hierararchy Level Definition pre-exists and does not have to be created*

# Section 2: Foundation Definitions

Configuration covered in this section is accomplished using the EP Server Administrator Workbench application.

### Domains

|  |  |  |
| --- | --- | --- |
| **DOMAIN NAME** | **DOMAIN DESCRIPTION** | **INSTALLED** |
| **PLAN** | **Planning Domain** | Y |
| **SEASONALITY** | **Seasonality Planning Domain** | N |

### Dimensions

|  |  |  |
| --- | --- | --- |
| **LEVEL TAGS** | | |
| **DIMENSION NAME** | **LEVEL NAME** | **LEVEL TAG** |
| **PRODUCT** | **TOTPROD** |  |
| **DIV** | DIV |
| **DPT** | DPT |
| **SUBDPT** | SDP |
| **CLASS** | CLS |
| **SUBCLASS** |  |
| **STYLE** |  |
| **STYLECOLOR** |  |
| **RF\_PLANNING** | RFP |
| **ORGANIZATION** | **TOTORG** |  |
| **BU** | BU |
| **CHANNEL** | CHN |
| **REGION** | REG |
| **DISTRICT** | DST |
| **TOUCHPOINT** | STR |
| **CALENDAR** | **TOTYEAR** |  |
| **YEAR** |  |
| **SEASON** | SEA |
| **QUARTER** | QTR |
| **PERIOD** | PER |
| **WEEK** | WK |
| **DAY** |  |

### Fact Table Families

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **CORE** | | | | |
| **FTF NAME** | **FTF DESCRIPTION** | **ENABLE SPREADING** | **INHERIT MEASURE VALUES** | **VERSION** |
| ACTUAL\_INVBAL | Actual Inventory Balance (PlanNOW) | N | N | TY |
| ACTUAL\_MKDNS | Actual Markdowns (PlanNOW) | N | N | TY |
| ACTUAL\_ON\_ORDER | Actual On Order (PlanNOW) | N | N | TY |
| ACTUAL\_OTHINV | Actual Other Inventory Movements (PlanNOW) | N | N | TY |
| ACTUAL\_RECEIPTS | Actual Receipts (PlanNOW) | N | N | TY |
| ACTUAL\_SALES | Actual Sales (PlanNOW) | N | N | TY |
| PL\_BUL2 | Bottom Up Location Plan 2 (PlanNOW) | N | N | BUL2 |
| PL\_BULP | Bottom Up Location Plan (PlanNOW) | N | N | BULP |
| PL\_BUP1 | Bottom Up Product Plan (PlanNOW) | N | N | BUPP |
| PL\_BUP2 | Bottom Up Product Plan 2 (PlanNOW) | N | N | BUP2 |
| PL\_LL | Non-actualized Revised Location Plan (PlanNOW) | N | N | LL |
| PL\_LP | Non-actualized Revised Product Plan (PlanNOW) | N | N | LP |
| PL\_MOL2 | Middle Out Location Plan 2 (PlanNOW) | N | N | MOL2 |
| PL\_MOLP | Middle Out Location Plan (PlanNOW) | N | N | MOLP |
| PL\_MOP2 | Middle Out Product Plan 2 (PlanNOW) | N | N | MOP2 |
| PL\_MOPP | Middle Out Product Plan (PlanNOW) | N | N | MOPP |
| PL\_OL | Original Location Plan (PlanNOW) | N | N | OL |
| PL\_OP1 | Original Product Plan (PlanNOW) | N | N | OP |
| PL\_RL | Revised Location Plan (PlanNOW) | N | N | RL |
| PL\_RP1 | Revised Product Plan (PlanNOW) | N | N | RP |
| PL\_STP2 | Strategic Plan 2 (PlanNOW) | N | N | STP2 |
| PL\_STPP | Strategic Plan (PlanNOW) | N | N | STPP |
| PL\_TDL2 | Top Down Location Plan 2 (PlanNOW) | N | N | TDL2 |
| PL\_TDLP | Top Down Location Plan (PlanNOW) | N | N | TDLP |
| PL\_TDP2 | Top Down Product Plan 2 (PlanNOW) | N | N | TDP2 |
| PL\_TDPP | Top Down Product Plan | N | N | TDPP |

|  |  |  |  |
| --- | --- | --- | --- |
| **DIMENSIONS** | | | |
| **FTF NAME** | **PRODUCT LOAD LEVEL** | **ORGANIZATION LOAD LEVEL** | **CALENDAR LOAD LEVEL** |
| **ACTUAL\_INVBAL** | STYLECOLOR | TOUCHPOINT | WEEK |
| **ACTUAL\_MKDNS** | STYLECOLOR | TOUCHPOINT | WEEK |
| **ACTUAL\_ON\_ORDER** | STYLECOLOR | TOUCHPOINT | WEEK |
| **ACTUAL\_OTHINV** | STYLECOLOR | TOUCHPOINT | WEEK |
| **ACTUAL\_RECEIPTS** | STYLECOLOR | TOUCHPOINT | WEEK |
| **ACTUAL\_SALES** | STYLECOLOR | TOUCHPOINT | WEEK |
| **PL\_BUL2** | CLASS | TOUCHPOINT | PERIOD |
| **PL\_BULP** | CLASS | TOUCHPOINT | PERIOD |
| **PL\_BUP1** | RF\_PLANNING | BU | WEEK |
| **PL\_BUP2** | RF\_PLANNING | BU | WEEK |
| **PL\_LL** | CLASS | TOUCHPOINT | PERIOD |
| **PL\_LP** | RF\_PLANNING | BU | WEEK |
| **PL\_MOL2** | DPT | TOUCHPOINT | PERIOD |
| **PL\_MOLP** | DPT | TOUCHPOINT | PERIOD |
| **PL\_MOP2** | DPT | BU | WEEK |
| **PL\_MOPP** | DPT | BU | WEEK |
| **PL\_OL** | CLASS | TOUCHPOINT | PERIOD |
| **PL\_OP1** | RF\_PLANNING | BU | WEEK |
| **PL\_RL** | CLASS | TOUCHPOINT | PERIOD |
| **PL\_RP1** | RF\_PLANNING | BU | WEEK |
| **PL\_STP2** | DIV | BU | QUARTER |
| **PL\_STPP** | DIV | BU | QUARTER |
| **PL\_TDL2** | DPT | TOUCHPOINT | PERIOD |
| **PL\_TDLP** | DPT | TOUCHPOINT | PERIOD |
| **PL\_TDP2** | DPT | BU | WEEK |
| **PL\_TDPP** | DPT | BU | WEEK |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **INPUT SOURCES PROPERTIES** | | | | | | | | |
| **FTF NAME** | **INPUT SOURCE NAME** | **TRANS ID** | **SEQ ID** | **ORIENTATION** | **UPDATE TYPE** | **MAINTAINED BY** | **TRANS TYPE** | **TRUSTED** |
| **ACTUAL\_INVBAL** | ACTUAL\_INVBAL | TRANS\_ID |  | Measures Across | Modify | Foundation | Incremental | N |
| **ACTUAL\_MKDNS** | ACTUAL\_MKDNS | TRANS\_ID |  | Measures Across | Modify | Foundation | Incremental | N |
| **ACTUAL\_ON\_ORDER** | ACTUAL\_ON\_ORDER | TRANS\_ID |  | Measures Across | Modify | Foundation | Full Statement | N |
| **ACTUAL\_OTHINV** | ACTUAL\_OTHINV | TRANS\_ID |  | Measures Across | Modify | Foundation | Incremental | N |
| **ACTUAL\_RECEIPTS** | ACTUAL\_RECEIPTS | TRANS\_ID |  | Measures Across | Modify | Foundation | Incremental | N |
| **ACTUAL\_SALES** | ACTUAL\_SALES | TRANS\_ID |  | Measures Across | Modify | Foundation | Incremental | N |
| **PL\_BUL2** | PL\_BUL2 | TRANS\_ID |  | Measures Across | Modify | Foundation | Incremental | Y |
| **PL\_BULP** | PL\_BULP | TRANS\_ID |  | Measures Across | Modify | Foundation | Incremental | Y |
| **PL\_BUP1** | PL\_BUP1 | TRANS\_ID |  | Measures Across | Modify | Foundation | Incremental | Y |
| **PL\_BUP2** | PL\_BUP2 | TRANS\_ID |  | Measures Across | Modify | Foundation | Incremental | Y |
| **PL\_LL** | PL\_LL | TRANS\_ID |  | Measures Across | Modify | Foundation | Incremental | Y |
| **PL\_LP** | PL\_LP | TRANS\_ID |  | Measures Across | Modify | Foundation | Incremental | Y |
| **PL\_MOL2** | PL\_MOL2 | TRANS\_ID |  | Measures Across | Modify | Foundation | Incremental | Y |
| **PL\_MOLP** | PL\_MOLP | TRANS\_ID |  | Measures Across | Modify | Foundation | Incremental | Y |
| **PL\_MOP2** | PL\_MOP2 | TRANS\_ID |  | Measures Across | Modify | Foundation | Incremental | Y |
| **PL\_MOPP** | PL\_MOPP | TRANS\_ID |  | Measures Across | Modify | Foundation | Incremental | Y |
| **PL\_OL** | PL\_OL | TRANS\_ID |  | Measures Across | Modify | Foundation | Incremental | Y |
| **PL\_OP1** | PL\_OP1 | TRANS\_ID |  | Measures Across | Modify | Foundation | Incremental | Y |
| **PL\_RL** | PL\_RL | TRANS\_ID |  | Measures Across | Modify | Foundation | Incremental | Y |
| **PL\_RP1** | PL\_RP1 | TRANS\_ID |  | Measures Across | Modify | Foundation | Incremental | Y |
| **PL\_STP2** | PL\_STP2 | TRANS\_ID |  | Measures Across | Modify | Foundation | Incremental | Y |
| **PL\_STPP** | PL\_STPP | TRANS\_ID |  | Measures Across | Modify | Foundation | Incremental | Y |
| **PL\_TDL2** | PL\_TDL2 | TRANS\_ID |  | Measures Across | Modify | Foundation | Incremental | Y |
| **PL\_TDLP** | PL\_TDLP | TRANS\_ID |  | Measures Across | Modify | Foundation | Incremental | Y |
| **PL\_TDP2** | PL\_TDP2 | TRANS\_ID |  | Measures Across | Modify | Foundation | Incremental | Y |
| **PL\_TDPP** | PL\_TDPP | TRANS\_ID |  | Measures Across | Modify | Foundation | Incremental | Y |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **INPUT SOURCES POSTING RULE** | | | | | |
| **FTF NAME** | **SPECIFY POSTING RULE** | **POST DATA CURRENT** | **POST DATA FUTURE ONLY** | **CALENDAR LEVEL** | **NUM PREVIOUS PERIODS** |
| **ACTUAL\_INVBAL** | Y | Y | N | WEEK | 4 |
| **ACTUAL\_MKDNS** | Y | Y | N | WEEK | 4 |
| **ACTUAL\_ON\_ORDER** | N | - | - | - | - |
| **ACTUAL\_OTHINV** | Y | Y | N | WEEK | 4 |
| **ACTUAL\_RECEIPTS** | Y | Y | N | WEEK | 4 |
| **ACTUAL\_SALES** | Y | Y | N | WEEK | 4 |
| **PL\_BUL2** | N | - | - | - | - |
| **PL\_BULP** | N | - | - | - | - |
| **PL\_BUP1** | N | - | - | - | - |
| **PL\_BUP2** | N | - | - | - | - |
| **PL\_LL** | N | - | - | - | - |
| **PL\_LP** | N | - | - | - | - |
| **PL\_MOL2** | N | - | - | - | - |
| **PL\_MOLP** | N | - | - | - | - |
| **PL\_MOP2** | N | - | - | - | - |
| **PL\_MOPP** | N | - | - | - | - |
| **PL\_OL** | N | - | - | - | - |
| **PL\_OP1** | N | - | - | - | - |
| **PL\_RL** | N | - | - | - | - |
| **PL\_RP1** | N | - | - | - | - |
| **PL\_STP2** | N | - | - | - | - |
| **PL\_STPP** | N | - | - | - | - |
| **PL\_TDL2** | N | - | - | - | - |
| **PL\_TDLP** | N | - | - | - | - |
| **PL\_TDP2** | N | - | - | - | - |
| **PL\_TDPP** | N | - | - | - | - |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **GRANITE TABLE DATA LIFE RULE** | | | | |
| **FTF NAME** | **KEEP DATA CURRENT** | **KEEP DATA FUTURE ONLY** | **CALENDAR LEVEL** | **NUM PREVIOUS PERIODS** |
| **ACTUAL\_INVBAL** | Y | N | YEAR | 2 |
| **ACTUAL\_MKDNS** | Y | N | YEAR | 2 |
| **ACTUAL\_ON\_ORDER** | Y | N | YEAR | 2 |
| **ACTUAL\_OTHINV** | Y | N | YEAR | 2 |
| **ACTUAL\_RECEIPTS** | Y | N | YEAR | 2 |
| **ACTUAL\_SALES** | Y | N | YEAR | 2 |
| **PL\_BUL2** | Y | N | YEAR | 1 |
| **PL\_BULP** | Y | N | YEAR | 1 |
| **PL\_BUP1** | Y | N | YEAR | 1 |
| **PL\_BUP2** | Y | N | YEAR | 1 |
| **PL\_LL** | Y | N | YEAR | 1 |
| **PL\_LP** | Y | N | YEAR | 1 |
| **PL\_MOL2** | Y | N | YEAR | 1 |
| **PL\_MOLP** | Y | N | YEAR | 1 |
| **PL\_MOP2** | Y | N | YEAR | 1 |
| **PL\_MOPP** | Y | N | YEAR | 1 |
| **PL\_OL** | Y | N | YEAR | 1 |
| **PL\_OP1** | Y | N | YEAR | 1 |
| **PL\_RL** | Y | N | YEAR | 1 |
| **PL\_RP1** | Y | N | YEAR | 1 |
| **PL\_STP2** | Y | N | YEAR | 1 |
| **PL\_STPP** | Y | N | YEAR | 1 |
| **PL\_TDL2** | Y | N | YEAR | 1 |
| **PL\_TDLP** | Y | N | YEAR | 1 |
| **PL\_TDP2** | Y | N | YEAR | 1 |
| **PL\_TDPP** | Y | N | YEAR | 1 |

### Measures

See the EP PlanNOW! [RMA/CMA] FTF Measures spreadsheet for details about all Fact Table Family measures.

### Subdomains

|  |  |
| --- | --- |
| **SUBDOMAIN PROPERTIES** | |
| **SUBDOMAIN NAME** | **DESCRIPTION** |
| PLAN\_ACTUAL | Actual Reference Data (PlanNOW) |
| PLAN\_BULP | Bottom Up Location Plan (PlanNOW) |
| PLAN\_BUPP | Bottom Up Product Plan (PlanNOW) |
| PLAN\_MOLP | Middle Out Location Plan (PlanNOW) |
| PLAN\_MOPP | Middle Out Product Plan (PlanNOW) |
| PLAN\_STPP | Strategic Plan (PlanNOW) |
| PLAN\_TDLP | Top Down Location Plan (PlanNOW) |
| PLAN\_TDPP | Top Down Product Plan (PlanNOW) |

|  |  |  |
| --- | --- | --- |
| **SUBDOMAIN DIMENSIONS** | | |
| **SUBDOMAIN NAME** | **DIMENSION NAME** | **FOLDED OUT** |
| **PLAN\_ACTUAL** | Product | N |
| Organization | N |
| Calendar | N |
| **PLAN\_BULP** | Product | N |
| Organization | N |
| Calendar | N |
| **PLAN\_BUPP** | Product | N |
| Organization | N |
| Calendar | N |
| **PLAN\_MOLP** | Product | N |
| Organization | N |
| Calendar | N |
| **PLAN\_MOPP** | Product | N |
| Organization | N |
| Calendar | N |
| **PLAN\_STPP** | Product | N |
| Organization | N |
| Calendar | N |
| **PLAN\_TDLP** | Product | N |
| Organization | N |
| Calendar | N |
| **PLAN\_TDPP** | Product | N |
| Organization | N |
| Calendar | N |

|  |  |
| --- | --- |
| **INCLUDED FACT TABLE FAMILIES MEASURES** | |
| **SUBDOMAIN NAME** | **FTF NAME** |
| **PLAN\_ACTUAL** | ACTUAL\_INVBAL  ACTUAL\_MKDNS  ACTUAL\_ON\_ORDER  ACTUAL\_OTHINV  ACTUAL\_RECEIPTS  ACTUAL\_SALES |
| **PLAN\_BULP** | PL\_BUL2  PL\_BULP  PL\_LL  PL\_OL  PL\_RL |
| **PLAN\_BUPP** | PL\_BUP1  PL\_BUP2  PL\_LP  PL\_OP1  PL\_RP1 |
| **PLAN\_MOLP** | PL\_MOL2  PL\_MOLP |
| **PLAN\_MOPP** | PL\_MOP2  PL\_MOPP |
| **PLAN\_STPP** | PL\_STP2  PL\_STPP |
| **PLAN\_TDLP** | PL\_TDL2  PL\_TDLP |
| **PLAN\_TDPP** | PL\_TDP2  PL\_TDPP |

### Quartz Cubes

|  |  |  |
| --- | --- | --- |
| **CORE** | | |
| **SUBDOMAIN NAME** | **CUBE NAME** | **CUBE DESCRIPTION** |
| **PLAN\_ACTUAL** | PLAN\_ACTUAL | Actual Reference Data (PlanNOW) |
| **PLAN\_BULP** | PLAN\_BULP | Bottom Up Location Plan (PlanNOW) |
| **PLAN\_BUPP** | PLAN\_BUPP | Bottom Up Product Plan (PlanNOW) |
| **PLAN\_MOLP** | PLAN\_MOLP | Middle Out Location Plan (PlanNOW) |
| **PLAN\_MOPP** | PLAN\_MOPP | Middle Out Product Plan (PlanNOW) |
| **PLAN\_STPP** | PLAN\_STPP | Strategic Plan (PlanNOW) |
| **PLAN\_TDLP** | PLAN\_TDLP | Top Down Location Plan (PlanNOW) |
| **PLAN\_TDPP** | PLAN\_TDPP | Top Down Product Plan (PlanNOW) |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **QUARTZ CUBE DIMENSIONS** | | | | | |
| **CUBE NAME** | **MAIN HIERARCHY** | **ALTERNATE HIERARCHY** | **UPPER LEVEL** | **LOWER LEVEL** | **EXTEND DIMENSION HIERARCHY** |
| **PLAN\_ACTUAL** | **PRODUCT** | RF\_PLANNING | TOTPROD | STYLECOLOR | N |
| **ORGANIZATION** |  | TOTORG | TOUCHPOINT | N |
| **CALENDAR** |  | YEAR | WEEK | N |
| **RF\_PLANNING** |  | RF\_PLANNING | STYLECOLOR | N |
| **PLAN\_BULP** | **PRODUCT** |  | TOTPROD | CLASS | N |
| **ORGANIZATION** |  | TOTORG | TOUCHPOINT | N |
| **CALENDAR** |  | YEAR | PERIOD | N |
| **PLAN\_BUPP** | **PRODUCT** |  | TOTPROD | RF\_PLANNING | N |
| **ORGANIZATION** |  | TOTORG | BU | N |
| **CALENDAR** |  | YEAR | WEEK | N |
| **PLAN\_MOLP** | **PRODUCT** |  | TOTPROD | DPT | N |
| **ORGANIZATION** |  | TOTORG | TOUCHPOINT | N |
| **CALENDAR** |  | YEAR | PERIOD | N |
| **PLAN\_MOPP** | **PRODUCT** |  | TOTPROD | DPT | N |
| **ORGANIZATION** |  | TOTORG | BU | N |
| **CALENDAR** |  | YEAR | WEEK | N |
| **PLAN\_STPP** | **PRODUCT** |  | TOTPROD | DIV | N |
| **ORGANIZATION** |  | TOTORG | BU | N |
| **CALENDAR** |  | YEAR | QUARTER | N |
| **PLAN\_TDLP** | **PRODUCT** |  | TOTPROD | DPT | N |
| **ORGANIZATION** |  | TOTORG | TOUCHPOINT | N |
| **CALENDAR** |  | YEAR | PERIOD | N |
| **PLAN\_TDPP** | **PRODUCT** |  | TOTPROD | DPT | N |
| **ORGANIZATION** |  | TOTORG | BU | N |
| **CALENDAR** |  | YEAR | WEEK | N |

# Section 3: Quartz Schema Creation

Quartz users and tablespaces are created using the create\_ekb\_user.sql and the sqlplus command. Quartz schemas are established using the pkbqdbcreate command.

|  |  |  |
| --- | --- | --- |
| **CREATE EKB USER PARAMETERS** | | |
| **USER NAME** | **PASSWORD** | **DATA FILE NAME** |
| PLAN\_ACTUAL | PLAN\_ACTUAL | PLAN\_ACTUAL |
| PLAN\_BULP | PLAN\_BULP | PLAN\_BULP |
| PLAN\_BUPP | PLAN\_BUPP | PLAN\_BUPP |
| PLAN\_MOLP | PLAN\_MOLP | PLAN\_MOLP |
| PLAN\_MOPP | PLAN\_MOPP | PLAN\_MOPP |
| PLAN\_STPP | PLAN\_STPP | PLAN\_STPP |
| PLAN\_TDLP | PLAN\_TDLP | PLAN\_TDLP |
| PLAN\_TDPP | PLAN\_TDPP | PLAN\_TDPP |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **PKBQDBCREATE PROPERTIES** | | | | |
| **CUBE NAME** | **SEED NAME** | **SCHEMA** | **PASSWORD** | **NET SERVICE** |
| PLAN\_ACTUAL | PLAN\_ACTUAL | PLAN\_ACTUAL | PLAN\_ACTUAL | JDAS |
| PLAN\_BULP | PLAN\_PO | PLAN\_BULP | PLAN\_BULP | JDAS |
| PLAN\_BUPP | PLAN\_PO | PLAN\_BUPP | PLAN\_BUPP | JDAS |
| PLAN\_MOLP | PLAN\_PO | PLAN\_MOLP | PLAN\_MOLP | JDAS |
| PLAN\_MOPP | PLAN\_PO | PLAN\_MOPP | PLAN\_MOPP | JDAS |
| PLAN\_STPP | PLAN\_PO | PLAN\_STPP | PLAN\_STPP | JDAS |
| PLAN\_TDLP | PLAN\_PO | PLAN\_TDLP | PLAN\_TDLP | JDAS |
| PLAN\_TDPP | PLAN\_PO | PLAN\_TDPP | PLAN\_TDPP | JDAS |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **PKBQDBCREATE PROPERTIES** | | | | |
| **CUBE NAME** | **STRUCTURE TABLESPACE** | **INDEX TABLESPACE** | **FACT TABLESPACE** | **WORK TABLESPACE** |
| **PLAN\_ACTUAL** | PLAN\_ACTUAL | PLAN\_ACTUAL | PLAN\_ACTUAL | PLAN\_ACTUAL |
| **PLAN\_BULP** | PLAN\_BULP | PLAN\_BULP | PLAN\_BULP | PLAN\_BULP |
| **PLAN\_BUPP** | PLAN\_BUPP | PLAN\_BUPP | PLAN\_BUPP | PLAN\_BUPP |
| **PLAN\_MOLP** | PLAN\_MOLP | PLAN\_MOLP | PLAN\_MOLP | PLAN\_MOLP |
| **PLAN\_MOPP** | PLAN\_MOPP | PLAN\_MOPP | PLAN\_MOPP | PLAN\_MOPP |
| **PLAN\_STPP** | PLAN\_STPP | PLAN\_STPP | PLAN\_STPP | PLAN\_STPP |
| **PLAN\_TDLP** | PLAN\_TDLP | PLAN\_TDLP | PLAN\_TDLP | PLAN\_TDLP |
| **PLAN\_TDPP** | PLAN\_TDPP | PLAN\_TDPP | PLAN\_TDPP | PLAN\_TDPP |

# Section 4: Quartz Definitions

Configuration covered in this section is accomplished using the Architect for Quartz application which is launched from within the EP Server Administrator Workbench.

### Versions

|  |  |  |
| --- | --- | --- |
| **QUARTZ CUBE VERSIONS** | | |
| **CUBE NAME** | **VERSION** | **VERSION DESCRIPTION** |
| **PLAN\_ACTUAL** | LLY | Two Years Ago |
| LY | Last Year |
| TY | This Year |
| **PLAN\_BULP** | BUL2 | Bottom Up Location Plan 2 |
| BULP | Bottom Up Location Plan |
| LL | Non-actualized Revised Location Plan |
| LRL | Last Year Revised Location Plan |
| OL | Original Location Plan |
| RL | Revised Location Plan |
| **PLAN\_BUPP** | BUP2 | Bottom Up Product Plan 2 |
| BUPP | Bottom Up Product Plan |
| LP | Non-actualized Revised Product Plan |
| LRP | Last Year Revised Product Plan |
| OP | Original Product Plan |
| RP | Revised Product Plan |
| **PLAN\_MOLP** | MOL2 | Middle Out Location Plan 2 |
| MOLP | Middle Out Location Plan |
| **PLAN\_MOPP** | MOP2 | Middle Out Product Plan 2 |
| MOPP | Middle Out Product Plan |
| **PLAN\_STPP** | LLSP | Last Last Year Strategic Plan |
| LLSP2 | Last Last Year Strategic Plan 2 |
| LSP | Last Year Strategic Plan |
| LSP2 | Last Year Strategic Plan 2 |
| STP2 | Strategic Plan 2 |
| STPP | Strategic Plan |
| **PLAN\_TDLP** | TDL2 | Top Down Location Plan 2 |
| TDLP | Top Down Location Plan |
| **PLAN\_TDPP** | TDP2 | Top Down Product Plan 2 |
| TDPP | Top Down Product Plan |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **VERSION TEMPLATES** | | | | | |
| **VERSION** | **OPTION** | **TEMPLATE NAME** | **VERSION TYPE** | **FACT TABLE NAME TEMPLATE** | **DERIVATION** |
| **LLY** | **X** | OPTION I | Variable Template Wins |  | PREVIOUS(<TY>,YEAR,2) |
|  | OPTION II | Variable Template Wins |  | SUM(<TY>,LAG(FIRST(WEEK,MEMBER()),104),LAG(LAST(WEEK,MEMBER()),104)) |
|  | OPTION III | Variable Template Wins |  | VALUE(<LY>,LAG(MEMBER(),NUMBER(GROUP(),ANCESTOR(YEAR,MEMBER())))) |
| **X** | OPENING | Variable Template Wins |  | VALUE(<TY>,LAG(FIRST(WEEK,MEMBER()),104)) |
| **X** | CLOSING | Variable Template Wins |  | VALUE(<TY>,LAG(LAST(WEEK,MEMBER()),104)) |
| **LY** | **X** | OPTION I | Variable Template Wins |  | PREVIOUS(<TY>,YEAR,1) |
|  | OPTION II | Variable Template Wins |  | SUM(<TY>,LAG(FIRST(WEEK,MEMBER()),52),LAG(LAST(WEEK,MEMBER()),52)) |
|  | OPTION III | Variable Template Wins |  | VALUE(<TY>,LAG(MEMBER(),NUMBER(GROUP(),ANCESTOR(YEAR,MEMBER())))) |
| **X** | OPENING | Variable Template Wins |  | VALUE(<TY>,LAG(FIRST(WEEK,MEMBER()),52)) |
| **X** | CLOSING | Variable Template Wins |  | VALUE(<TY>,LAG(LAST(WEEK,MEMBER()),52)) |
| **TY** | **X** | INVBAL | Actual - M | FT\_INVBAL\_<A><B><T> |  |
| **X** | SALES | Actual - M | FT\_SALES\_<A><B><T> |  |
| **X** | OTHINV | Actual - M | FT\_OTHINV\_<A><B><T> |  |
| **X** | MKDNS | Actual - M | FT\_MKDNS\_<A><B><T> |  |
| **X** | RECEIPTS | Actual - M | FT\_RECEIPTS\_<A><B><T> |  |
| **X** | ON\_ORDER | Actual Pass Thru |  |  |
| **BUL2** | **X** | EVERY | Plan | FT\_BUL2\_<A><B><T> |  |
| **BULP** | **X** | EVERY | Plan | FT\_BULP\_<A><B><T> |  |
| **LL** | **X** | EVERY | Plan | FT\_LL\_<A><B><T> |  |
| **LRL** | **X** | OPTION I | Variable Template Wins |  | PREVIOUS(<RL>,YEAR,1) |
|  | OPTION II | Variable Template Wins |  | SUM(<RL>,LAG(FIRST(WEEK,MEMBER()),52),LAG(LAST(WEEK,MEMBER()),52)) |
|  | OPTION III | Variable Template Wins |  | VALUE(<RL>,LAG(MEMBER(),NUMBER(GROUP(),ANCESTOR(YEAR,MEMBER())))) |
| **OL** | **X** | EVERY | Plan | FT\_OL\_<A><B><T> |  |
| **RL** | **X** | EVERY | Plan | FT\_RL\_<A><B><T> |  |
| **BUP2** | **X** | EVERY | Plan | FT\_BUP2\_<A><B><T> |  |
| **BUPP** | **X** | EVERY | Plan | FT\_BUPP\_<A><B><T> |  |
| **LP** | **X** | EVERY | Plan | FT\_LP\_<A><B><T> |  |
| **LRP** | **X** | OPTION I | Variable Template Wins |  | PREVIOUS(<RP>,YEAR,1) |
|  | OPTION II | Variable Template Wins |  | SUM(<RP>,LAG(FIRST(WEEK,MEMBER()),52),LAG(LAST(WEEK,MEMBER()),52)) |
|  | OPTION III | Variable Template Wins |  | VALUE(<RP>,LAG(MEMBER(),NUMBER(GROUP(),ANCESTOR(YEAR,MEMBER())))) |
| **X** | OPENING | Variable Template Wins |  | VALUE(<RP>,LAG(FIRST(WEEK,MEMBER()),52)) |
| **X** | CLOSING | Variable Template Wins |  | VALUE(<RP>,LAG(LAST(WEEK,MEMBER()),52)) |
| **OP** | **X** | EVERY | Plan | FT\_OP\_<A><B><T> |  |
| **RP** | **X** | EVERY | Plan | FT\_RP\_<A><B><T> |  |
| **MOL2** | **X** | EVERY | Plan | FT\_MOL2\_<A><B><T> |  |
| **MOLP** | **X** | EVERY | Plan | FT\_MOLP\_<A><B><T> |  |
| **MOP2** | **X** | EVERY | Plan | FT\_MOP2\_<A><B><T> |  |
| **MOPP** | **X** | EVERY | Plan | FT\_MOPP\_<A><B><T> |  |
| **LLSP** | **X** | OPTION I | Variable Template Wins |  | PREVIOUS(<STPP>,YEAR,2) |
|  | OPTION II | Variable Template Wins |  | SUM(<STPP>,LAG(FIRST(WEEK,MEMBER()),52),LAG(LAST(WEEK,MEMBER()),52)) |
|  | OPTION III | Variable Template Wins |  | VALUE(<LSP>,LAG(MEMBER(),NUMBER(GROUP(),ANCESTOR(YEAR,MEMBER())))) |
| **LLSP2** | **X** | OPTION I | Variable Template Wins |  | PREVIOUS(<STP2>,YEAR,2) |
|  | OPTION II | Variable Template Wins |  | SUM(<STP2>,LAG(FIRST(WEEK,MEMBER()),52),LAG(LAST(WEEK,MEMBER()),52)) |
|  | OPTION III | Variable Template Wins |  | VALUE(<LSP2>,LAG(MEMBER(),NUMBER(GROUP(),ANCESTOR(YEAR,MEMBER())))) |
| **LSP** | **X** | OPTION I | Variable Template Wins |  | PREVIOUS(<STPP>,YEAR,1) |
|  | OPTION II | Variable Template Wins |  | SUM(<STPP>,LAG(FIRST(WEEK,MEMBER()),52),LAG(LAST(WEEK,MEMBER()),52)) |
|  | OPTION III | Variable Template Wins |  | VALUE(<STPP>,LAG(MEMBER(),NUMBER(GROUP(),ANCESTOR(YEAR,MEMBER())))) |
| **LSP2** | **X** | OPTION I | Variable Template Wins |  | PREVIOUS(<STP2>,YEAR,1) |
|  | OPTION II | Variable Template Wins |  | SUM(<STP2>,LAG(FIRST(WEEK,MEMBER()),52),LAG(LAST(WEEK,MEMBER()),52)) |
|  | OPTION III | Variable Template Wins |  | VALUE(<STP2>,LAG(MEMBER(),NUMBER(GROUP(),ANCESTOR(YEAR,MEMBER())))) |
| **STP2** | **X** | EVERY | Plan | FT\_STP2\_<A><B><T> |  |
| **STPP** | **X** | EVERY | Plan | FT\_STPP\_<A><B><T> |  |
| **TDL2** | **X** | EVERY | Plan | FT\_TDL2\_<A><B><T> |  |
| **TDLP** | **X** | EVERY | Plan | FT\_TDLP\_<A><B><T> |  |
| **TDP2** | **X** | EVERY | Plan | FT\_TDP2\_<A><B><T> |  |
| **TDPP** | **X** | EVERY | Plan | FT\_TDPP\_<A><B><T> |  |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **TEMPLATE TAGS - PRODUCT** | | | | | | | | | |
| **FACT TABLE NAME TEMPLATE** | **TOTPROD** | **DIV** | **DPT** | **SUBDPT** | **CLASS** | **SUBCLASS** | **STYLE** | **STYLECOLOR** | **RF\_PLANNING** |
| **FT\_INVBAL\_<A><B><T>** |  | X | X | X | X |  |  |  | X |
| **FT\_SALES\_<A><B><T>** |  | X | X | X | X |  |  |  | X |
| **FT\_OTHINV\_<A><B><T>** |  | X | X | X | X |  |  |  | X |
| **FT\_MKDNS\_<A><B><T>** |  | X | X | X | X |  |  |  | X |
| **FT\_RECEIPTS\_<A><B><T>** |  | X | X | X | X |  |  |  | X |
| **FT\_BUL2\_<A><B><T>** |  | X | X | X | X |  |  |  |  |
| **FT\_BULP\_<A><B><T>** |  | X | X | X | X |  |  |  |  |
| **FT\_LL\_<A><B><T>** |  | X | X | X | X |  |  |  |  |
| **FT\_OL\_<A><B><T>** |  | X | X | X | X |  |  |  |  |
| **FT\_RL\_<A><B><T>** |  | X | X | X | X |  |  |  |  |
| **FT\_BUP2\_<A><B><T>** |  | X | X | X | X |  |  |  | X |
| **FT\_BUPP\_<A><B><T>** |  | X | X | X | X |  |  |  | X |
| **FT\_LP\_<A><B><T>** |  | X | X | X | X |  |  |  | X |
| **FT\_OP\_<A><B><T>** |  | X | X | X | X |  |  |  | X |
| **FT\_RP\_<A><B><T>** |  | X | X | X | X |  |  |  | X |
| **FT\_MOL2\_<A><B><T>** |  | X | X |  |  |  |  |  |  |
| **FT\_MOLP\_<A><B><T>** |  | X | X |  |  |  |  |  |  |
| **FT\_MOP2\_<A><B><T>** |  | X | X |  |  |  |  |  |  |
| **FT\_MOPP\_<A><B><T>** |  | X | X |  |  |  |  |  |  |
| **FT\_STP2\_<A><B><T>** |  | X |  |  |  |  |  |  |  |
| **FT\_STPP\_<A><B><T>** |  | X |  |  |  |  |  |  |  |
| **FT\_TDL2\_<A><B><T>** |  | X | X |  |  |  |  |  |  |
| **FT\_TDLP\_<A><B><T>** |  | X | X |  |  |  |  |  |  |
| **FT\_TDP2\_<A><B><T>** |  | X | X |  |  |  |  |  |  |
| **FT\_TDPP\_<A><B><T>** |  | X | X |  |  |  |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **TEMPLATE TAGS - ORGANIZATION** | | | | | | |
| **FACT TABLE NAME TEMPLATE** | **TOTORG** | **BU** | **CHANNEL** | **REGION** | **DISTRICT** | **TOUCHPOINT** |
| **FT\_INVBAL\_<A><B><T>** |  | X | X | X | X | X |
| **FT\_SALES\_<A><B><T>** |  | X | X | X | X | X |
| **FT\_OTHINV\_<A><B><T>** |  | X | X | X | X | X |
| **FT\_MKDNS\_<A><B><T>** |  | X | X | X | X | X |
| **FT\_RECEIPTS\_<A><B><T>** |  | X | X | X | X | X |
| **FT\_BUL2\_<A><B><T>** |  | X | X | X | X | X |
| **FT\_BULP\_<A><B><T>** |  | X | X | X | X | X |
| **FT\_LL\_<A><B><T>** |  |  | X | X | X | X |
| **FT\_OL\_<A><B><T>** |  | X | X | X | X | X |
| **FT\_RL\_<A><B><T>** |  |  | X | X | X | X |
| **FT\_BUP2\_<A><B><T>** |  | X |  |  |  |  |
| **FT\_BUPP\_<A><B><T>** |  | X |  |  |  |  |
| **FT\_LP\_<A><B><T>** |  | X |  |  |  |  |
| **FT\_OP\_<A><B><T>** |  | X |  |  |  |  |
| **FT\_RP\_<A><B><T>** |  | X |  |  |  |  |
| **FT\_MOL2\_<A><B><T>** |  |  | X | X | X | X |
| **FT\_MOLP\_<A><B><T>** |  |  | X | X | X | X |
| **FT\_MOP2\_<A><B><T>** |  | X |  |  |  |  |
| **FT\_MOPP\_<A><B><T>** |  | X |  |  |  |  |
| **FT\_STP2\_<A><B><T>** |  | X |  |  |  |  |
| **FT\_STPP\_<A><B><T>** |  | X |  |  |  |  |
| **FT\_TDL2\_<A><B><T>** |  |  |  |  |  |  |
| **FT\_TDLP\_<A><B><T>** |  |  |  |  |  |  |
| **FT\_TDP2\_<A><B><T>** |  | X |  |  |  |  |
| **FT\_TDPP\_<A><B><T>** |  | X |  |  |  |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **TEMPLATE TAGS - CALENDAR** | | | | | | |  |
| **FACT TABLE NAME TEMPLATE** | **TOTYEAR** | **YEAR** | **SEASON** | **QUARTER** | **PERIOD** | **WEEK** | **DAY** |
| **FT\_INVBAL\_<A><B><T>** |  |  |  |  |  | X |  |
| **FT\_SALES\_<A><B><T>** |  |  |  | X | X | X |  |
| **FT\_OTHINV\_<A><B><T>** |  |  |  | X | X | X |  |
| **FT\_MKDNS\_<A><B><T>** |  |  |  | X | X | X |  |
| **FT\_RECEIPTS\_<A><B><T>** |  |  |  | X | X | X |  |
| **FT\_BUL2\_<A><B><T>** |  |  |  | X | X |  |  |
| **FT\_BULP\_<A><B><T>** |  |  |  | X | X |  |  |
| **FT\_LL\_<A><B><T>** |  |  |  | X | X |  |  |
| **FT\_OL\_<A><B><T>** |  |  |  | X | X |  |  |
| **FT\_RL\_<A><B><T>** |  |  |  | X | X |  |  |
| **FT\_BUP2\_<A><B><T>** |  |  | X | X | X | X |  |
| **FT\_BUPP\_<A><B><T>** |  |  | X | X | X | X |  |
| **FT\_LP\_<A><B><T>** |  |  | X | X | X | X |  |
| **FT\_OP\_<A><B><T>** |  |  | X | X | X | X |  |
| **FT\_RP\_<A><B><T>** |  |  | X | X | X | X |  |
| **FT\_MOL2\_<A><B><T>** |  |  |  | X | X |  |  |
| **FT\_MOLP\_<A><B><T>** |  |  |  | X | X |  |  |
| **FT\_MOP2\_<A><B><T>** |  |  |  | X | X | X |  |
| **FT\_MOPP\_<A><B><T>** |  |  |  | X | X | X |  |
| **FT\_STP2\_<A><B><T>** |  |  |  | X |  |  |  |
| **FT\_STPP\_<A><B><T>** |  |  |  | X |  |  |  |
| **FT\_TDL2\_<A><B><T>** |  |  |  |  |  |  |  |
| **FT\_TDLP\_<A><B><T>** |  |  |  |  |  |  |  |
| **FT\_TDP2\_<A><B><T>** |  |  |  | X | X | X |  |
| **FT\_TDPP\_<A><B><T>** |  |  |  | X | X | X |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **STORAGE RULES** | | | | | |
| **FACT TABLE NAME TEMPLATE** | **RULE** | **DIMENSION** | **LOAD AT** | **STORE TO** | **VIEW TO** |
| **FT\_INVBAL\_<A><B><T>** | **1** | **PRODUCT** | CLASS | DIV | TOTPROD |
| **ORGANIZATION** | TOUCHPOINT | BU | TOTORG |
| **CALENDAR** | WEEK | QUARTER | YEAR |
| **2** | **PRODUCT** | RF\_PLANNING | RF\_PLANNING | RF\_PLANNING |
| **ORGANIZATION** | TOUCHPOINT | BU | TOTORG |
| **CALENDAR** | WEEK | QUARTER | YEAR |
| **FT\_SALES\_<A><B><T>** | **1** | **PRODUCT** | CLASS | DIV | TOTPROD |
| **ORGANIZATION** | TOUCHPOINT | BU | TOTORG |
| **CALENDAR** | WEEK | QUARTER | YEAR |
| **2** | **PRODUCT** | RF\_PLANNING | RF\_PLANNING | RF\_PLANNING |
| **ORGANIZATION** | TOUCHPOINT | BU | TOTORG |
| **CALENDAR** | WEEK | QUARTER | YEAR |
| **FT\_OTHINV\_<A><B><T>** | **1** | **PRODUCT** | CLASS | DIV | TOTPROD |
| **ORGANIZATION** | TOUCHPOINT | BU | TOTORG |
| **CALENDAR** | WEEK | QUARTER | YEAR |
| **2** | **PRODUCT** | RF\_PLANNING | RF\_PLANNING | RF\_PLANNING |
| **ORGANIZATION** | TOUCHPOINT | BU | TOTORG |
| **CALENDAR** | WEEK | QUARTER | YEAR |
| **FT\_MKDNS\_<A><B><T>** | **1** | **PRODUCT** | CLASS | DIV | TOTPROD |
| **ORGANIZATION** | TOUCHPOINT | BU | TOTORG |
| **CALENDAR** | WEEK | QUARTER | YEAR |
| **2** | **PRODUCT** | RF\_PLANNING | RF\_PLANNING | RF\_PLANNING |
| **ORGANIZATION** | TOUCHPOINT | BU | TOTORG |
| **CALENDAR** | WEEK | QUARTER | YEAR |
| **FT\_RECEIPTS\_<A><B><T>** | **1** | **PRODUCT** | CLASS | DIV | TOTPROD |
| **ORGANIZATION** | TOUCHPOINT | BU | TOTORG |
| **CALENDAR** | WEEK | QUARTER | YEAR |
| **2** | **PRODUCT** | RF\_PLANNING | RF\_PLANNING | RF\_PLANNING |
| **ORGANIZATION** | TOUCHPOINT | BU | TOTORG |
| **CALENDAR** | WEEK | QUARTER | YEAR |
| **FT\_BUL2\_<A><B><T>** | **1** | **PRODUCT** | CLASS | DPT | TOTPRD |
| **ORGANIZATION** | TOUCHPOINT | CHANNEL | BU |
| **CALENDAR** | PERIOD | QUARTER | YEAR |
| **FT\_BULP\_<A><B><T>** | **1** | **PRODUCT** | CLASS | DPT | TOTPRD |
| **ORGANIZATION** | TOUCHPOINT | CHANNEL | BU |
| **CALENDAR** | PERIOD | QUARTER | YEAR |
| **FT\_LL\_<A><B><T>** | **1** | **PRODUCT** | CLASS | DPT | TOTPRD |
| **ORGANIZATION** | TOUCHPOINT | CHANNEL | BU |
| **CALENDAR** | PERIOD | QUARTER | YEAR |
| **FT\_OL\_<A><B><T>** | **1** | **PRODUCT** | CLASS | DPT | TOTPRD |
| **ORGANIZATION** | TOUCHPOINT | CHANNEL | BU |
| **CALENDAR** | PERIOD | QUARTER | YEAR |
| **FT\_RL\_<A><B><T>** | **1** | **PRODUCT** | CLASS | DPT | TOTPRD |
| **ORGANIZATION** | TOUCHPOINT | CHANNEL | BU |
| **CALENDAR** | PERIOD | QUARTER | YEAR |
| **FT\_BUP2\_<A><B><T>** | **1** | **PRODUCT** | RF\_PLANNING | DPT | TOTPROD |
| **ORGANIZATION** | BU | BU | TOTORG |
| **CALENDAR** | WEEK | SEASON | YEAR |
| **FT\_BUPP\_<A><B><T>** | **1** | **PRODUCT** | RF\_PLANNING | DPT | TOTPROD |
| **ORGANIZATION** | BU | BU | TOTORG |
| **CALENDAR** | WEEK | SEASON | YEAR |
| **FT\_LP\_<A><B><T>** | **1** | **PRODUCT** | RF\_PLANNING | DPT | TOTPROD |
| **ORGANIZATION** | BU | BU | TOTORG |
| **CALENDAR** | WEEK | SEASON | YEAR |
| **FT\_OP\_<A><B><T>** | **1** | **PRODUCT** | RF\_PLANNING | DPT | TOTPROD |
| **ORGANIZATION** | BU | BU | TOTORG |
| **CALENDAR** | WEEK | SEASON | YEAR |
| **FT\_RP\_<A><B><T>** | **1** | **PRODUCT** | RF\_PLANNING | DPT | TOTPROD |
| **ORGANIZATION** | BU | BU | TOTORG |
| **CALENDAR** | WEEK | SEASON | YEAR |
| **FT\_MOP2\_<A><B><T>** | **1** | **PRODUCT** | DPT | DIV | TOTPROD |
| **ORGANIZATION** | BU | BU | TOTORG |
| **CALENDAR** | WEEK | QUARTER | YEAR |
| **FT\_MOPP\_<A><B><T>** | **1** | **PRODUCT** | DPT | DIV | TOTPROD |
| **ORGANIZATION** | BU | BU | TOTORG |
| **CALENDAR** | WEEK | QUARTER | YEAR |
| **FT\_STP2\_<A><B><T>** | **1** | **PRODUCT** | DIV | DIV | TOTPROD |
| **ORGANIZATION** | BU | BU | TOTORG |
| **CALENDAR** | QUARTER | QUARTER | YEAR |
| **2** | **PRODUCT** | DIV | TOTPROD | TOTPROD |
| **ORGANIZATION** | BU | TOTORG | TOTORG |
| **CALENDAR** | QUARTER | YEAR | YEAR |
| **FT\_STPP\_<A><B><T>** | **1** | **PRODUCT** | DIV | DIV | TOTPROD |
| **ORGANIZATION** | BU | BU | TOTORG |
| **CALENDAR** | QUARTER | QUARTER | YEAR |
| **2** | **PRODUCT** | DIV | TOTPROD | TOTPROD |
| **ORGANIZATION** | BU | TOTORG | TOTORG |
| **CALENDAR** | QUARTER | YEAR | YEAR |
| **FT\_TDL2\_<A><B><T>** | **1** | **PRODUCT** | DPT | TOTPROD | TOTPROD |
| **ORGANIZATION** | TOTORG | P1 | P1 |
| **CALENDAR** | YEAR | TOTYEAR | TOTYEAR |
| **FT\_TDLP\_<A><B><T>** | **1** | **PRODUCT** | DPT | TOTPROD | TOTPROD |
| **ORGANIZATION** | TOTORG | P1 | P1 |
| **CALENDAR** | YEAR | TOTYEAR | TOTYEAR |
| **FT\_TDP2\_<A><B><T>** | **1** | **PRODUCT** | DPT | DIV | TOTPROD |
| **ORGANIZATION** | BU | BU | TOTORG |
| **CALENDAR** | WEEK | QUARTER | YEAR |
| **FT\_TDPP\_<A><B><T>** | **1** | **PRODUCT** | DPT | DIV | TOTPROD |
| **ORGANIZATION** | BU | BU | TOTORG |
| **CALENDAR** | WEEK | QUARTER | YEAR |

### Variables

See the EP PlanNOW! [RMA/CMA] Quartz Variables spreadsheet for details about all Quartz Cube Variables.

### Subcubes

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| **SUBCUBE PROPERTIES** | |
| **CUBE NAME** | **SUBCUBE NAME** |
| **PLAN\_ACTUAL** | PLAN\_ACTUAL |
| **PLAN\_BULP** | PLAN\_BULP |
| **PLAN\_BUPP** | PLAN\_BUPP |
| **PLAN\_MOLP** | PLAN\_MOLP |
| **PLAN\_MOPP** | PLAN\_MOPP |
| **PLAN\_STPP** | PLAN\_STPP |
| **PLAN\_TDLP** | PLAN\_TDLP |
| **PLAN\_TDPP** | PLAN\_TDPP |

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| **SUBCUBE CONTENTS** | | | |
| **SUBCUBE NAME** | **HIERARCHY** | **TOP LEVEL** | **BOTTOM LEVEL** |
| **PLAN\_ACTUAL** | **PRODUCT**  **RF\_PLANNING** | TOTPROD  RF\_PLANNING | STYLECOLOR  STYLECOLOR |
| **ORGANIZATION** | TOTORG | TOUCHPOINT |
| **CALENDAR** | YEAR | WEEK |
| **PLAN\_BULP** | **PRODUCT** | TOTPROD | CLASS |
| **ORGANIZATION** | TOTORG | TOUCHPOINT |
| **CALENDAR** | YEAR | PERIOD |
| **PLAN\_BUPP** | **PRODUCT** | TOTPROD | RF\_PLANNING |
| **ORGANIZATION** | TOTORG | BU |
| **CALENDAR** | YEAR | WEEK |
| **PLAN\_MOLP** | **PRODUCT** | TOTPROD | DEPT |
| **ORGANIZATION** | TOTORG | TOUCHPOINT |
| **CALENDAR** | YEAR | PERIOD |
| **PLAN\_MOPP** | **PRODUCT** | TOTPROD | DEPT |
| **ORGANIZATION** | TOTORG | BU |
| **CALENDAR** | YEAR | WEEK |
| **PLAN\_STPP** | **PRODUCT** | TOTPROD | DIV |
| **ORGANIZATION** | TOTORG | BU |
| **CALENDAR** | YEAR | QUARTER |
| **PLAN\_TDLP** | **PRODUCT** | TOTPROD | DPT |
| **ORGANIZATION** | TOTORG | TOUCHPOINT |
| **CALENDAR** | YEAR | PERIOD |
| **PLAN\_TDPP** | **PRODUCT** | TOTPROD | DPT |
| **ORGANIZATION** | TOTORG | BU |
| **CALENDAR** | YEAR | WEEK |

# Section 5: Mid-Tier Configuration

Configuration covered in this section is accomplished using the EP Mid-Tier Administration application.

### Measures

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| **MASTER MEASURE MAP** | | | |
| **SUBCUBE SET DEFINITIONS** | | | |
| **SUBCUBE SET NAME** | **CUBE** | **SUBCUBE** | **DESCRIPTION** |
| PLANNING | PLAN\_ACTUAL | PLAN\_ACTUAL | PLANNING |
| PLANNING | PLAN\_BULP | PLAN\_BULP | PLANNING |
| PLANNING | PLAN\_BUPP | PLAN\_BUPP | PLANNING |
| PLANNING | PLAN\_MOLP | PLAN\_MOLP | PLANNING |
| PLANNING | PLAN\_MOPP | PLAN\_MOPP | PLANNING |
| PLANNING | PLAN\_STPP | PLAN\_STPP | PLANNING |
| PLANNING | PLAN\_TDLP | PLAN\_TDLP | PLANNING |
| PLANNING | PLAN\_TDPP | PLAN\_TDPP | PLANNING |

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| **MASTER MEASURE MAP** | | |
| **DATA RETRIEVAL METHOD SETTINGS** | | |
| **VERSION** | **DESCRIPTION** | **DATA RETRIEVAL METHOD** |
| **BUL2** | **Bottom Up Location Plan 2** | Posted |
| **BULP** | **Bottom Up Location Plan** | Latest |
| **BUP2** | **Bottom Up Product Plan 2** | Posted |
| **BUPP** | **Bottom Up Product Plan** | Latest |
| **LL** | **Non-actualized Revised Location Plan** | Posted |
| **LLSP** | **Last Last Year Strategic Plan** | Posted |
| **LLSP2** | **Last Last Year Strategic Plan 2** | Posted |
| **LLY** | **Two Years Ago** | Posted |
| **LP** | **Non-actualized Revised Product Plan** | Posted |
| **LRL** | **Last Year Revised Location Plan** | Posted |
| **LRP** | **Last Year Revised Product Plan** | Posted |
| **LSP** | **Last Year Strategic Plan** | Posted |
| **LSP2** | **Last Year Strategic Plan 2** | Posted |
| **LY** | **Last Year** | Posted |
| **MOL2** | **Middle Out Location Plan 2** | Posted |
| **MOLP** | **Middle Out Location Plan** | Latest |
| **MOP2** | **Middle Out Product Plan 2** | Posted |
| **MOPP** | **Middle Out Product Plan** | Latest |
| **OL** | **Original Location Plan** | Posted |
| **OP** | **Original Product Plan** | Posted |
| **RL** | **Revised Location Plan** | Posted |
| **RP** | **Revised Product Plan** | Posted |
| **STP2** | **Strategic Plan 2** | Posted |
| **STPP** | **Strategic Plan** | Latest |
| **TDL2** | **Top Down Location Plan 2** | Posted |
| **TDLP** | **Top Down Location Plan** | Latest |
| **TDP2** | **Top Down Product Plan 2** | Posted |
| **TDPP** | **Top Down Product Plan** | Latest |
| **TY** | **This Year** | Posted |

### Admin Plan

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| **GLOBAL SETTINGS** | | |
| **LOCATION** | | |
| **PATH** | **USER NAME** | **PASSWORD** |
| C:\EP\_Plans\Toolkit\Corporate\Plan |  |  |

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| **CONTEXT SETTINGS** | | | |
| **EKB CONTEXT** | **PRUNING LEVEL** | **SUBCUBE SET** | **DESCRIPTION** |
| EPPLAN | Bottom of Context | PLANNING | EPPLAN |
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| **CONTEXT SETTINGS** | | | | | |
| **DIMENSION AND HIERARCHIES** | | | | | |
| **EKB CONTEXT** | **DIMENSION** | **TOP LEVEL** | **BOTTOM LEVEL** | **ALL TOP LEVEL MEMBERS** | **TOP LEVEL MEMBERS** |
| **EPPLAN** | Product | TOTPROD | STYLECOLOR | Y |  |
| Organization | BU | TOUCHPOINT | Y |  |
| Calendar | YEAR | WEEK | Y |  |
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| **CONTEXT SETTINGS** | | |
| **DISPLAY ATTRIBUTES** | | |
| **ATTRIBUTE** | **LEVEL** | **DIMENSION** |
| KEYBRAND | CLASS | PRODUCT |
| LIFESTYLE | CLASS | PRODUCT |
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| **CONTEXT SETTINGS** | | |
| **PLANNING CONTEXTS** | | |
| **MASTER BUSINESS ENTITY CONTEXT** | **DESCRIPTION** | **BOTTOM LEVEL** |
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| **CONTEXT SETTINGS** | | | | | | |
| **RETAINED FEATURE CONTEXTS** | | | | | | |
| **RETAINED FEATURES** | | | | | | |
| **MASTER BUSINESS ENTITY CONTEXT** | **ID** | **DESCRIPTION** | **INCLUDED TOP LEVEL** | **INCLUDED BOTTOM LEVEL** | **RETAINED FEATURES** | **KEEP OBSOLETE RETAINED MEMBERS** |
| PRODUCT | RF\_PLANNING | RF\_PLANNING | TOTPROD | CLASS | KEYBRAND  LIFESTYLE | N |
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| **CONTEXT SETTINGS** | | |
| **RETAINED FEATURE CONTEXTS** | | |
| **GLOBAL PREFERENCE** | | |
| **RETAINED ATTRIBUTE** | **USE PREFERRED VALUES** | **VALUES** |
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| **CONTEXT SETTINGS** | | | | | | |
| **RETAINED FEATURE CONTEXTS** | | | | | | |
| **MEMBER LEVEL PREFERENCE** | | | | | | |
| **OVERRIDE LEVEL** | **MEMBER SELECTION** | **RETAINED ATTRIBUTE** | **USE OVERRIDES** | **USE PREFERRED VALUES** | **VALUES** | **KEEP OBSOLETE RETAINED MEMBERS** |
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# Appendix A

### Supporting Documents

|  |  |  |
| --- | --- | --- |
| **Document Name** | **Version** | **Date** |
| EPServer\_AdminGuide.pdf | 2019.1.0.0 |  |
| EPServer\_Concepts.pdf | 2019.1.0.0 |  |
| EPServer\_Design\_and\_Implementation\_Guidelines.pdf | 2019.1.0.0 |  |
| EP PlanNOW! Functional Design Document 1.0.pdf | 1.0 | xx-xx-xxxx |
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