

DP - Models

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Golden Rules

Forecast and User models

- User models in DP (SCO)

DP	Model		Main data tables	Details	
DP1	Forecast Models	F01C-1.Material: Shipto@DC	Stat. Forecast and additional data tables linked to the collaborative process	Forecast Model at Level 1 (Material:Ship-to@DC)	
		F02C-2.Material: Shipto@BU	Stat. Forecast data tables	Forecast Model at Level 2 (Material:Ship-to@BU)	
		F03C-3.ProductGroup: Shipto@BU	Stat. Forecast data tables	Forecast Model at Level 3 (ProductGroup:Shipto@BU)	
		F04C-4.ProductGroup: CustomerGroup	Stat. Forecast data tables	Forecast Model at Level 4 (ProductGroup:CustomerGroup)	
	User models	x. Currency Management			User model to import and apply currency conversion
		x. Master table updates	One data table by Master data update		User model to register Master table with potential manual maintenance (ex. override)
		x. Supersession			User model dedicated to supersession process
		y. GBU User model	GBU specific		User model to store GBU dedicated data tables/date
		z. Process User model	Specific processes (ex. Budget, Contribution Margin, CRM Opportunities,...)		User model to store data tables for specific processes

DP	Model		Main data tables	Details	
DP2	Forecast Models	F01C-1.Material:Shipto@DC	Stat. Forecast and additional data tables linked to the collaborative process	Forecast Model at Level 1 (Material:Ship-to@DC)	
		F02C-2.Material:Forecast Customer@Spec		Forecast Model at Level 2 (Material:Forecast Customer@Spec)	
		F03C-3.Program		Forecast Model at Level 3 (Program)	
		F04C-4..Market		Forecast Model at Level 4 (Market)	
	User models	x. Currency Management			User model to import and apply currency conversion
		x. Master table updates	One data table by Master data update		User model to register Master table with potential manual maintenance (ex. override)
		x. Supersession			User model dedicated to supersession process
		y. GBU User model	GBU specific		User model to store GBU dedicated data tables/date
		y. GBU PMI model	GBU specific		User model to store specific related to PMI process
z. Process User model	Specific processes (ex. Budget, Pricing...)		User model to store data tables for specific processes		

DP	Model		Main data tables	Details
DP3	Forecast Models	F01C-1.Material: Shipto@DC	Stat. Forecast and additional data tables linked to the collaborative process	Forecast Model at Level 1 (Material:Ship-to@DC)
		F02C-2.Material: Shipto@BU	Stat. Forecast data tables	Forecast Model at Level 2 (Material:Ship-to@BU)
		F03C-3.ProductGroup: Shipto@BU	Stat. Forecast data tables	Forecast Model at Level 3 (ProductGroup:Shipto@BU)

	F04C-4.ProductGroup: CustomerGroup	Stat. Forecast data tables	Forecast Model at Level 4 (ProductGroup: CustomerGroup)
User models	x. Condition Update Datafields		
	x. Currency Management		User model to import and apply currency conversion
	x. Master table updates	One data table by Master data update	User model to register Master table with potential manual maintenance (ex. override)
	x. Supersession		User model dedicated to supersession process
	x. User Scope Management		User model to set-up Demand planner scopes
	y. GBU User model	GBU specific	User model to store GBU dedicated data tables/date
	z. Process User model	Specific processes (ex. Budget, Contribution Margin, MTP, CRM Opportunities, Pricing...)	User model to store data tables for specific processes

- **User model naming**

For technical user model = x. *User model name*

For specific GBU user model = y. *GBU User Model*

For process user model = z. *User model name*

Naming rules

Data Table

> Data Table should not contain more than 30 datafields.

- **Data Table naming**

Generic Data Table

Data Table = User model | Datatable name

Examples :

F1C.1 Material:ShipTo@DC | Forcing Loop (ETD)

MTP | DFU Data

Master Table Update

Data Table = Master Tables Update | Masterdata - "*dimension*" level

Example :

Master Tables Update | Business Customer - Material:Forecast Customer@Spec level

Import/Export Datable

Data Table = Import/Export | "*System / Report*" - "*Dimension*" level

Example :

Export | BW DR/BR - Material:Ship-to@DC

Calculation Naming

> Calculations should be added to the model where the output has been created. Except for GBU specific manual calculation launched by a Shortcut (for example Demand Review initialisation/validation) which should be created in the GBU user model.

Calculations = *Data Table name* (of output data) | 00x. "*Output Data*" ["*All GBUs/GBU*", "*Past/Future/(Start > End)*"]

Conditions Naming

Conditions Naming must be coherent in order to find them quickly on a list. Conditions might be grouped and so naming should start identically as well.

Linked to DFUs Management

- **'Active "data" | All GBUs'** = for all Active DFUs L1/L2 in the data base.
- **'Active "data" | GBU'** = for Active DFUs L1/L2 only for GBU
- **'Planned "data" | All GBUs'** = for to all Planned DFUs L2 in the data base.

Note - in order to avoid any confusion:

- if your condition is directly linked to Material:Shipto:Spec@DC or Material:ForecastCustomer@Spec Master Tables as parent, you must specify "DFUs L1" or "DFUs L2"
- if your condition is for all DFUs, you must specify "| all GBUs" whereas if your condition is for one specific GBU, you must specify the GBU code "| CM" (example for Composites).

Linked to DFUs Management

Note: refer to the User Management section for more details

Sequences Naming

Sequences ran by Interfaces

Each sequence must be named based the following scheme:

- on which batch will launch it: [STATIC IMPORT] or [DYNAMIC IMPORT].
- on which frequency: [DAILY] or [WEEKLY] or [MONTHLY].
- on which scope: [AERO] or blank.
- on which related topic.

Sequences ran Manually

Each sequence must be named based on the following scheme: ["code GBU"] "Topic".

Continuous Cleaning

In order to prevent any regression, objects should be deactivated and then deleted. It is a two-steps process done on each Monthly Release. Deactivation and deletion should be done on a monthly basis based on promoted evolutions and analyzed processes.

- **Deactivation step:** right click on the object and select "Deactivate"; and/or rename the object with "zzz" at the beginning (depending on the object, both actions are mandatory or only the renaming one);
- **Deletion step:** right click on the object and select "Delete" (if "Delete" is grey out, it means that it can't be deleted because it is still linked to other active objects. In this case, the whole process needs to be re-analyzed).

Each Monthly Release should start by deleting all the deactivated objects from last Monthly Release. Then, while promoting evolutions, other objects might be deactivated. They will be deleted on the next Monthly Release.

Note: beware deletion is a definitive action which should be used wisely.