Step by Step Guide to Learn Integrated Planning

Applies to:

BI Integrated Planning in SAP BI. For more information, visit the Business Intelligence homepage.

Summary

The Document guides to learn Integrated Planning in a step by step manner. It includes steps to create Real-Time Info Cube; Planning Functions like Copy Data, Planning Sequence in a Planning Modeler; Input Ready Query in BEx; Button Group to perform operations like Display/Change Mode, Execute Planning Sequence and Drop Down Box in WAD.

Author: Nasarat Anjum

Company: Infosys

Created on: 20 March 2010

Author Bio

Anjum is working at Infosys as a SAP BW developer for the past 3 years. She has SAP BW Skills along with SAP ABAP Knowledge.

Table of Contents

Overview of Integrated Planning:

There are various new terms in Integrated Planning which we should be aware of before actually creating Planning Model.

Let us take a quick overview of the terminology used in Integrated Planning.
- Characteristic Relationship
- Data Slicing
- Aggregation Level
- Filter
- Planning Function
- Planning Sequence
- Input Ready Query

In the planning modeler, you have the following objects to edit in the planning model:

● **Aggregation levels**

To determine the level on which data can be entered or changed (manually through user input or automatically by a planning function), you define an InfoProvider of type aggregation level. An aggregation level consists of a subset of the characteristics and key figures of a MultiProvider or real-time Info Cube. Real-time Info Cubes are used to store data.

● **Characteristic relationships**

You use characteristic relationships to model semantic relationships between characteristics (such as product group and product). In this way you check, for example, whether a particular combination of characteristics can be generated (if this combination is permitted) or whether a cell is input ready. Characteristic relationships are created for an Info Cube.

● **Data slices**

You use data slices to protect whole areas of data globally against changes (for example, current values or historic values).

● **Planning functions**

Planning functions allow system-based processing or generation of data. The BW-BPS function types are provided as standard. Functions can be executed immediately (using the pushbutton) or in the background as a planning sequence. You can also define your own function types.

● **Planning sequences**

A planning sequence is a sequence of planning functions and manual input templates that are executed sequentially. You can also schedule planning sequences to be processed in the background as a step in a process chain.

● **Filters**

A filter describes a section of a dataset which is processed, for example, in a query or a planning function. (For example, calendar year 2004 – 2005, customer group XY).

● **Variables**

Variables can be used in various places; in the filter for selecting characteristic values that can be parameterized, to parameterize planning functions or planning sequences.

As we are now familiar with the integrated planning terminology we will now start creating Real-Time Info Cube as this will form the basis for creating Planning models.

Steps to Create a Real Time Enabled Info Cube:

1.   Create an Info Cube with Technical Name **YNS_IC01** & Description "*Test IC – IP* ".
2.   Check the option highlighted in red to enable it as Real Time Info Cube.

3.   The structure of the Info Cube should be as follows:

Data Package	YNS_IC01P
Change Run ID	0CHNGID
Record type	0RECORDTP
Request ID	0REQUID
Time	**YNS_IC01T**
Calendar Year/Month	0CALMONTH
Calendar Year	0CALYEAR
Calendar Year/Quarter	0CALQUARTER
Unit	**YNS_IC01U**
Currency key	0CURRENCY
Customer	**YNS_IC011**
Customer	Y26CUST
Product	**YNS_IC012**
Product	Y26PROD
Geography	**YNS_IC013**
Country	Y26CNTRY
Region	Y26REGION
Key Figures	
Quantity	Y26QTY
Amount - 01	YAMOUNT01

4.   Create Transformations and DTP to load Info Cube with some test data. Snap shot of the test data is shown below:

"YNS_IC01", List output

Customer	Product	Country	0CALMONTH	0CALYEAR	Quantity	Request ID
00000000000000000101	OIL	US	200912	2009	1,500.000	DTPR_4G86J9DHK2LB3VLDTCY5SHGKT
00000000000000000001	OIL	INDIA	200912	2009	100.000	DTPR_4G86J9DHK2LB3VLDTCY5SHGKT
00000000000000000001	FOOD	INDIA	200912	2009	300.000	DTPR_4G86J9DHK2LB3VLDTCY5SHGKT
00000000000000000001	GAS	INDIA	200912	2009	200.000	DTPR_4G86J9DHK2LB3VLDTCY5SHGKT
00000000000000000002	OIL	USA	200912	2009	400.000	DTPR_4G86J9DHK2LB3VLDTCY5SHGKT
00000000000000000002	FOOD	USA	200912	2009	600.000	DTPR_4G86J9DHK2LB3VLDTCY5SHGKT
00000000000000000002	GAS	USA	200912	2009	500.000	DTPR_4G86J9DHK2LB3VLDTCY5SHGKT
00000000000000000102	RICE	INDIA	200912	2009	280.000	DTPR_4G86J9DHK2LB3VLDTCY5SHGKT
00000000000000000103	TEA PO...	UK	200912	2009	300.000	DTPR_4G86J9DHK2LB3VLDTCY5SHGKT
00000000000000000104	COTTON	AUS	200912	2009	100.000	DTPR_4G86J9DHK2LB3VLDTCY5SHGKT
00000000000000000105	GINGER	SA	200912	2009	356.000	DTPR_4G86J9DHK2LB3VLDTCY5SHGKT
00000000000000000106	GARLIC	NWZ	200912	2009	123.000	DTPR_4G86J9DHK2LB3VLDTCY5SHGKT
00000000000000000107	TURME...	KEN	200912	2009	290.000	DTPR_4G86J9DHK2LB3VLDTCY5SHGKT

5.   Once data is ready in the Info Cube, right click on the Info Cube and select the option **"Change Real-Time Load Behavior"** from the Context Menu*.* By default the option "*Real-time Data Target Can Be Loaded With Data; Planning Not Allowed*" will be checked. Now select the option "*Real-time Data target Can Be Planned; Data Loading Not Allowed*".

In a Real-Time Info Cube you cannot load actual and plan data in parallel. Hence you can set the mode to either enter plan data or to load data manually at any particular point of time.

Steps to Create a Planning Model:

1.   Go to Transaction '*RSPLAN*' and click on the **Start Modeler** to start web based modeler which will allow us to create a Planning Model.

BI Integrated Planning

Modeling Planning Scenarios

    [ ] Start Modeler

    [ ] Start Wizard

2.   A web page is opened where you have to enter the Info Cube name which you have just created. The Info Cube must be Real-Time Enabled to access it in Planning Modeler.

| InfoProvider | Aggregation Levels | Filter | Planning Functions | Planning Sequences |

InfoProvider Selection

Find: InfoProvider ▼ YNS_IC01   Start

Change Check Save

	InfoProvider description	InfoProvider type	Last changed by
	Test IC – IP	Real-time InfoCube	NS4185

The Modeling screen is divided into two horizontal parts where in the upper half section you can define the Technical Name & Description of the entity which you are going to create and the lower half gives you the properties and related information of the entity created in upper part of screen.

3.   Once you enter Info Cube Technical Name you will be able to see the dimensions and their corresponding Characteristics of the Info Cube in the lower part of the screen.

Display InfoProvider Test IC - Resource Planning

InfoObjects | Characteristic Relationships | Data Slices | Settings

Dimensions

Dimension	Characteristic	With master data	With texts	With hierarchies
Customer	Customer	☐	☐	☐
Geography	Country	☑	☐	☐
Geography	Region	☐	☐	☐
Product	Product	☐	☐	☐
Time	Calendar Year/Month	☑	☐	☑
Time	Calendar Year/Quarter	☐	☐	☐
Time	Calendar Year	☑	☐	☐
Unit	Currency key	☑	☑	☐

4. There are options to create Characteristic relationships on the data in Info Cube. Here you define Valid / Invalid combinations of data in the Info Cube. By doing this you can make sure invalid combinations of data is not loaded to Info Cube.

5. Data Slicing is used to lock a set of data against any changes during planning.

6. You also have an option to set the Key Date on which the planning has to be taken place. Here you have various options to set the Key date to some fixed date or through any variable value.

Now you have defined the Info Provider on which your planning model will be based on. The second tab is *Aggregation Levels*.

Aggregation Levels Tab

InfoProvider | Aggregation Levels | Filter | Planning Functions | Planning Sequences

Aggregation Level Selection

Find: Technical name of InfoProvider ▼ YNS_IC01 [Start]

[Create] Copy Delete Change Check Save Activate **Version** ▼

Technical name of aggregation level ⇕	Technical name of InfoProvider ⇕	Description of aggregation level ⇕	Active ⇕

Create an Aggregation Level by clicking on **Create**.

1. Enter a Technical Name & Description for the Aggregation level and click on *Transfer* Button.

Create Aggregation Level

Technical Name: * YNS_PDT   Description: Product Aggregation Level

InfoProvider Selection

Find: InfoProvider technical name ▼ YNS_IC01 [Start]

	InfoProvider description	InfoProvider type	Last changed by	Date
	Test IC - IP	Real-time InfoCube	NS4185	2/2/2010

[Transfer] Cancel

In the above figure Technical Name: **YNS_PDT;** Description: *Product Aggregation Level*

2. Select the characteristics on which want to plan data from the list of Characteristics seen in the lower part of screen.

Note: All the characteristics checked here should be mandatorily used in the Planning Query which you will be creating later.

In this example we have selected

- Calendar Year/Month
- Quantity

- Country
- Customer
- Product.

3. Now **Check, Save** and **Activate** the Aggregation Level.

After defining the Aggregation Level, you must specify the Filter value.

Filter Tab

1. Enter the Technical Name and description of the Filter in the window and click on **Transfer**.

In the above figure Technical Name: **YNS_FLT;** Description: *Filter on Country*

2. In the lower part of screen you will see a drop down box to select the characteristic on which you want to create a filter.

Here we will select the *Country* and click on **Add** button.

3. On doing so you will see a new row added. Click on the **Input Help** button and select the country *INDIA*. We are going to plan data corresponding to INDIA only.

Input help for characteristic 'Country [Y26CNTRY]'

Selection [single values ▼] View [All values ▼]   Display [Text ▼]

List of Values   **Chosen Selections**

Filter on Settings   [Save Favorites]

Country Key	⇕
#	
AUS	
INDIA	
KEN	

Selections
=| INDIA

[Add ▶]

4.   Now **Check** the filter and **Save** it by using the buttons present in the upper part of screen.

Planning Functions Tab

| InfoProvider | Aggregation Levels | Filter | Planning Functions | Planning Sequences |

Planning Function Selection

Find: [Technical name of aggregation level ▼] [YNS_PDT]   [Start]

[Create] [Copy] [Delete] [Change] [Check] [Save]

Planning function description	⇕	Type	⇕	Aggregation level description	⇕

1.   Create the Planning Function by clicking on the **Create** button on this screen.

Create Planning Function

Type: [Copy ▼]

Technical Name: * [YNS_COPY]   Description: [Copy 2009 Data to 2010]

Aggregation Level Selection

Find: [Technical name of aggregation level ▼] [YNS_PDT]   [Start]

Description of aggregation level	⇕	Active	⇕	InfoProvider description	⇕	Last changed by
Product Aggregation Level		☑		Test IC - IP		NS4185

[Transfer] [Cancel]

Here we have to select the Type of planning Function by the selecting one of the options present in the drop down menu present at the top of the pop up window.

In the above figure Technical Name: **YNS_COPY,** Description: Copy 2009 Data to 2010.

2.   Here you need to select the characteristics which are to be changed on execution of planning function.

Change Planning function Copy 2009 Data to 2010 - Characteristic usage

To Parameters | To Characteristic Usage

- Which characteristic values do you want to copy to which characteristic values? (For example, from year 2004 to year 2005)
- Select the related characteristics as to be changed. (In this example, the characteristic year)
- If you want to workwith conditions, select the characteristics for which you want to create conditions

Characteristic

Select all | Select no characteristics

Characteristic	changed
Calendar Year/Month	☑
Calendar Year/Quarter	☑
Calendar Year	☑
Country	☐
Customer	☐
Product	☐

We will select Calendar Year/Month, Calendar Year/Quarter & Calendar Year in the above screen because we will modify CALMONTH 12/2009 to 01/2010.

3.   Now click on the **To Parameters** button to navigate to another window where you have to select the list of impacted Key Figures.

Change Planning function Copy 2009 Data to 2010 - Parameter

To Parameters | To Characteristic Usage

Selection of key figures to be copied

☑ Select All Key Figures   Select all | Delete selection   Filter on Settings

Changed	Key figure text
☑	Quantity

From-values and to-values for copying

Create row | Copy row | Delete | Create to-value | Copy to-value | Upward | Downward | Direct Entry   Filter on Settings

From	From Change	To	To Change

Since there is only one key figure in our aggregation level, we select only that Key figure i.e. Quantity.

4.   Now we need to specify the 'From' and 'To' values for the Planning Function. Click on the **Create Row.** This will add a new row in the table below.

5.   Click on the **From Change** Button to specify the source value which is to be changed.

You will be able to see a pop-up to specify these values on clicking the **From Change** which is showed below:

Change characteristic selections

Display: Text ▼

Filter on Settings

Characteristic description	Characteristic Restrictions (Text)	Input Help	Delete
Calendar Year		⬚	Delete
Calendar Year/Month		⬚	Delete
Calendar Year/Quarter		⬚	Delete

OK | Cancel

Here we add 2009 as Calendar Year

Input help for characteristic 'Calendar Year [0CALYEAR]'

Selection [single values ▼] View [All values ▼]   Display [Text ▼]

List of Values						Chosen Selections	
			Filter on Settings				Save Favorites
	Calendar Year Key ⇕	Number of Days Key ⇕	Valid to Key ⇕	Valid from Key ⇕			Selections
	#	0	#	#			▬ 2009
	2000	366	12/31/2000	01/01/2000			
	2001	365	12/31/2001	01/01/2001			
	2002	365	12/31/2002	01/01/2002	Add ▶		
	2003	365	12/31/2003	01/01/2003	◀ Remove		
	2004	366	12/31/2004	01/01/2004			

Below is the screen which shows the 'From' values.

Change characteristic selections

Display: [Text ▼]

	Characteristic description ⇕	Characteristic Restrictions (Text) ⇕	Input Help	Delete
	Calendar Year		⧉	Delete
	Calendar Year/Month	December 2009	⧉	Delete
	Calendar Year/Quarter		⧉	Delete

[OK] [Cancel]

6.   Similarly we have to specify the **To Change** values. These are the values which will be generated once you execute the planning function.

Change characteristic selections

Display: [Text ▼]

	Characteristic description ⇕	Characteristic Restrictions (Text) ⇕	Input Help	Delete
	Calendar Year		⧉	Delete
	Calendar Year/Month	January 2010	⧉	Delete
	Calendar Year/Quarter		⧉	Delete

[OK] [Cancel]

7. Once the From Change & To Change values are specified, **Check** & **Save** the Planning Function by hitting the buttons present in the upper part of screen.

Planning Sequence Tab

1. Enter the Technical Name of the Planning Sequence and click on the **Start** Button.

Here Technical Name: **YNS_PDTSQ;** Description: *Planning Sequence to Copy Product Data*

2. Now in the lower part of the screen you will have buttons to add steps to the planning sequence.
Click on the **Add Step for Planning Function.**
Here you have to select the Filter and Planning Function for your planning sequence.

Once you select the Filter & Planning Function save the Planning Sequence by clicking on the **Save** button in the upper part of screen.

You are now ready to execute the planning function and test its functionality.

For Executing the planning Function you have an **Execute** Button in the upper part of screen.

Once you notice that the records are generated in the messages above, you have to save the plan data by using the option **Save Plan Data** Button present in the lower part of screen.

Once you click on **Save Plan Data** in the above screen then a request is created in the Manage Tab of your Info Cube.

Now the data is now loaded to the Info Cube. You can now check the data of Info Cube to test the functionality of planning function.

Below is the snapshot of data before executing the planning sequence.

"YNS_IC01", List output

Customer	Y26PROD	Country	Quantity	0CALMONTH	...QUARTER	0CALYEAR	Request ID
00000000000000000101	OIL	US	1,500.000	200912	20094	2009	DTPR_4GPFC4UZ1J877S7BD8ZP4NDWT
00000000000000000001	OIL	INDIA	100.000	200912	20094	2009	DTPR_4GPFC4UZ1J877S7BD8ZP4NDWT
00000000000000000001	FOOD	INDIA	300.000	200912	20094	2009	DTPR_4GPFC4UZ1J877S7BD8ZP4NDWT
00000000000000000001	GAS	INDIA	200.000	200912	20094	2009	DTPR_4GPFC4UZ1J877S7BD8ZP4NDWT
00000000000000000002	OIL	USA	400.000	200912	20094	2009	DTPR_4GPFC4UZ1J877S7BD8ZP4NDWT
00000000000000000002	FOOD	USA	600.000	200912	20094	2009	DTPR_4GPFC4UZ1J877S7BD8ZP4NDWT
00000000000000000002	GAS	USA	500.000	200912	20094	2009	DTPR_4GPFC4UZ1J877S7BD8ZP4NDWT
00000000000000000102	RICE	INDIA	280.000	200912	20094	2009	DTPR_4GPFC4UZ1J877S7BD8ZP4NDWT
00000000000000000103	TEA POWDER	UK	300.000	200912	20094	2009	DTPR_4GPFC4UZ1J877S7BD8ZP4NDWT
00000000000000000104	COTTON	AUS	100.000	200912	20094	2009	DTPR_4GPFC4UZ1J877S7BD8ZP4NDWT
00000000000000000105	GINGER	SA	356.000	200912	20094	2009	DTPR_4GPFC4UZ1J877S7BD8ZP4NDWT
00000000000000000106	GARLIC	NWZ	123.000	200912	20094	2009	DTPR_4GPFC4UZ1J877S7BD8ZP4NDWT
00000000000000000107	TURMERIC	KEN	290.000	200912	20094	2009	DTPR_4GPFC4UZ1J877S7BD8ZP4NDWT

Snapshot of data after executing the planning sequence is shown below:

"YNS_IC01", List output

Customer	Quantity	Y26PROD	Country	0CALMON...	QUART...	0CALYEAR	Request ID
00000000000000000101	1,500.000	OIL	US	200912	20094	2009	DTPR_4GPFC4UZ1J877S7BD8ZP4NDWT
00000000000000000001	100.000	OIL	INDIA	200912	20094	2009	
00000000000000000001	300.000	FOOD	INDIA	200912	20094	2009	
00000000000000000001	200.000	GAS	INDIA	200912	20094	2009	
00000000000000000002	400.000	OIL	USA	200912	20094	2009	
00000000000000000002	600.000	FOOD	USA	200912	20094	2009	
00000000000000000002	500.000	GAS	USA	200912	20094	2009	
00000000000000000102	280.000	RICE	INDIA	200912	20094	2009	
00000000000000000103	300.000	TEA POWDER	UK	200912	20094	2009	
00000000000000000104	100.000	COTTON	AUS	200912	20094	2009	
00000000000000000105	356.000	GINGER	SA	200912	20094	2009	
00000000000000000106	123.000	GARLIC	NWZ	200912	20094	2009	
00000000000000000107	290.000	TURMERIC	KEN	200912	20094	2009	
00000000000000000001	100.000	OIL	INDIA	201001	20101	2010	APO_R4GOSO1JFVB1QGXGNLCZ9B94J1
00000000000000000001	300.000	FOOD	INDIA	201001	20101	2010	
00000000000000000001	200.000	GAS	INDIA	201001	20101	2010	
00000000000000000102	280.000	RICE	INDIA	201001	20101	2010	

Creating a Input Ready Query

Create a query having Customer; Product & Country in rows, Calendar Month & Quantity are in columns. One point to mention is that the Key Figure to be changed must be checked for Input-Ready. Below is the screen shot highlighting the option:
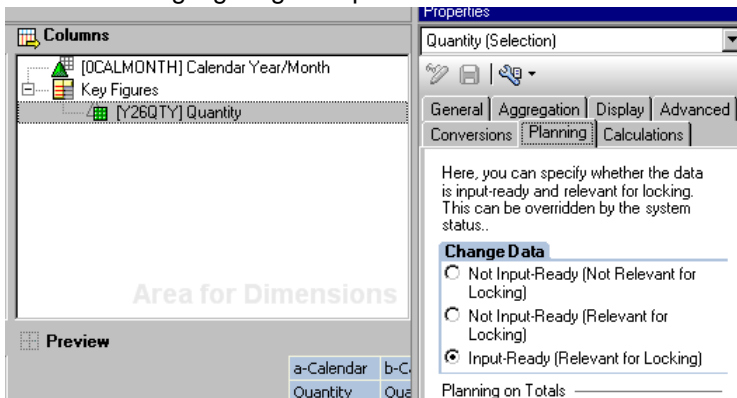
Also the query should be selected for the option to change it during navigation. There is option to select this under "Query Properties".
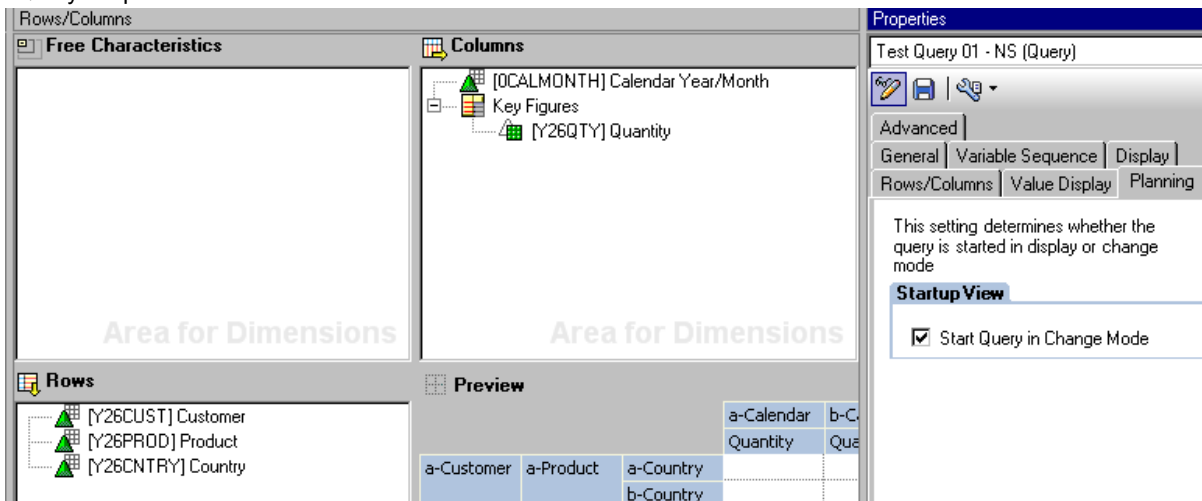
"YNS_IC01", List output

Customer	Y26PROD	Country	Quantity	0CALMON...	...QUART...	0CALYEAR	Request ID
00000000000000000001	OIL	INDIA	100.000	200906	20092	2009	DTPR_4GXV97D36FXDL4HKGES8KYALP
	FOOD	INDIA	300.000	200906	20092	2009	DTPR_4GXV97D36FXDL4HKGES8KYALP
	GAS	INDIA	200.000	200906	20092	2009	DTPR_4GXV97D36FXDL4HKGES8KYALP
00000000000000000002	OIL	USA	400.000	200910	20094	2009	DTPR_4GXV97D36FXDL4HKGES8KYALP
	FOOD	USA	600.000	200910	20094	2009	DTPR_4GXV97D36FXDL4HKGES8KYALP
	GAS	USA	500.000	200910	20094	2009	DTPR_4GXV97D36FXDL4HKGES8KYALP
00000000000000000101	OIL	US	1,500.000	200901	20091	2009	DTPR_4GXV97D36FXDL4HKGES8KYALP
00000000000000000102	RICE	INDIA	280.000	200901	20091	2009	DTPR_4GXV97D36FXDL4HKGES8KYALP
00000000000000000103	TEA POWDER	UK	300.000	200901	20091	2009	DTPR_4GXV97D36FXDL4HKGES8KYALP
00000000000000000104	COTTON	AUS	100.000	200901	20091	2009	DTPR_4GXV97D36FXDL4HKGES8KYALP
00000000000000000105	GINGER	SA	356.000	200901	20091	2009	DTPR_4GXV97D36FXDL4HKGES8KYALP
00000000000000000106	GARLIC	NWZ	123.000	200901	20091	2009	DTPR_4GXV97D36FXDL4HKGES8KYALP
00000000000000000107	TURMERIC	KEN	290.000	200901	20091	2009	DTPR_4GXV97D36FXDL4HKGES8KYALP

Creating a Web Template

We will see how to create a web template to provide **Drop down** Option on the Calendar Month to customize data view, Multiple **Buttons** to perform various actions like *Switch Display/Change Mode*, *Executing Planning Function, Save* Back data to Info Provider.

Drop Down Box

Create a web template YNS_WT01 and add web item "Drop down Box".

Valuehelp Selector

Valuehelp Selector

Select a value from the Value Help list, enter a manual one, or select the default value.

○ Default Value

○ Manual Input

⦿ Listed Value

Key	Value
▶ 0CALMONTH	Calendar Year/Month
Y26CUST	Customer
Y26PROD	Product
Y26CNTRY	Country

Calendar Year/Month: [Show All Values ▼]

[Change / Display Mode] [Copy 01/2009 to 01/2010] [Save Data]

|		Calendar Year/Month	01/2009	06/2009	10/2009
			Quantity	Quantity	Quantity
Customer ⇕	Product ⇕	Country ⇕	KG	KG	KG
1	FOOD	INDIA		300	
	GAS	INDIA		200	
	OIL	INDIA		100	
2	FOOD	USA			600
	GAS	USA			500

We can select a single month to view only single month's data.

Calendar Year/Month: [06/2009 ▼]

[Change / Display Mode] [Copy 01/2009 to 01/2010] [Save Data]

|		Calendar Year/Month	06/2009
			Quantity
Customer ⇕	Product ⇕	Country ⇕	KG
1	FOOD	INDIA	300
	GAS	INDIA	200
	OIL	INDIA	100

Multiple Buttons

Drag a Button Group into the right side pane of the Web Template YNS_WT01. Now click on the properties of this Web Item and create a button by clicking as shown in the below figure:
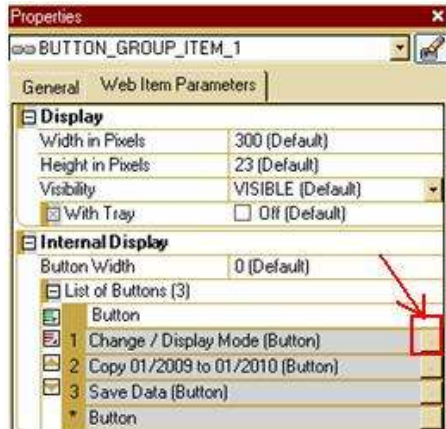

Enter the required parameters in the screen displayed below. You need to enter a caption for the button. An action is given as "Command via Command Wizard". Now click on the Command button, it will lead you to list of Commands.

Here we select a Command to "Execute a Planning Sequence". Below screen shot shows how to assign a command.
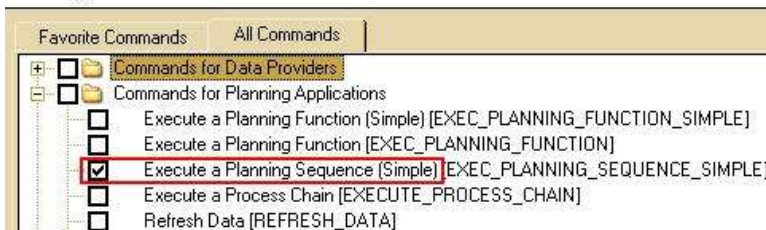
Double click this Command; it will lead you to a screen where you can specify which Planning Sequence to be executed.
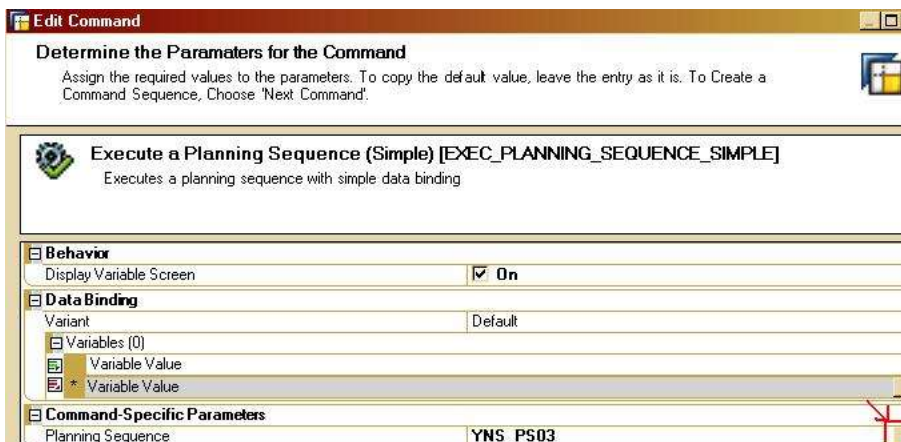
This Planning Sequence which we created is to Copy Data of 01/2009 to 01/2010. On the output screen when you click this button, the planning sequence will be executed hence writing new data to the Info Cube.
Note: Whenever the Planning Sequence/Planning function is executed the InfoProvider property should be set to the below shown option.

Switching a Real-Time Data Target

Real-Time Data Target	Test IC - IP(YNS_IC01)
○ Real-Time Data Target Can Be Loaded With Data; Planning Not Allowed	
◉ Real-Time Data Target Can Be Planned; Data Loading Not Allowed	

The output of the web template is shown below:

Change / Display Mode	Copy 06/2009 to 01/2010	Save Data	

Customer ⇕	Product ⇕	Country ⇕	01/2009 Quantity KG	06/2009 Quantity KG	10/2009 Quantity KG
1	FOOD	INDIA		300	
	GAS	INDIA		200	
	OIL	INDIA		100	
2	FOOD	USA			600
	GAS	USA			500
	OIL	USA			400
101	OIL	US	1,500		
102	RICE	INDIA	280		
103	TEA POWDER	UK	300		
104	COTTON	AUS	100		
105	GINGER	SA	356		
106	GARLIC	NWZ	123		
107	TURMERIC	KEN	290		

Once you click on the "Copy 06/2009 to 01/2010" Button. It will add another column to display the newly created data.

In the below screen shot you can see that a new column is added for 01/2010 data. Since it was a Copy Function to copy data from 06/2009 to 01/2010 all the key figures will be copied to the 01/2010 data.

Change / Display Mode	Copy 06/2009 to 01/2010	Save Data	

Customer ⇕	Product ⇕	Country ⇕	01/2009 Quantity KG	06/2009 Quantity KG	10/2009 Quantity KG	01/2010 Quantity KG
1	FOOD	INDIA		300		300
	GAS	INDIA		200		200
	OIL	INDIA		100		100
2	FOOD	USA			600	
	GAS	USA			500	
	OIL	USA			400	
101	OIL	US	1,500			
102	RICE	INDIA	280			
103	TEA POWDER	UK	300			
104	COTTON	AUS	100			
105	GINGER	SA	356			
106	GARLIC	NWZ	123			
107	TURMERIC	KEN	290			

Remember we just displayed data by executing the Planning Sequence but did not save it. If you want to save data back to the Info Cube then you need to create a separate button to save back the data to the Info Cube.

Similarly we can plan based on our data by using various planning functions available in Planning Modeler.

Related Contents

www.help.sap.com
Integrated Planning
Planning Functions
For more information, visit the Business Intelligence homepage.

Disclaimer and Liability Notice

This document may discuss sample coding or other information that does not include SAP official interfaces and therefore is not supported by SAP. Changes made based on this information are not supported and can be overwritten during an upgrade.

SAP will not be held liable for any damages caused by using or misusing the information, code or methods suggested in this document, and anyone using these methods does so at his/her own risk.

SAP offers no guarantees and assumes no responsibility or liability of any type with respect to the content of this technical article or code sample, including any liability resulting from incompatibility between the content within this document and the materials and services offered by SAP. You agree that you will not hold, or seek to hold, SAP responsible or liable with respect to the content of this document.