
Colombo Fort Group Services (Pvt) Ltd

Ease your work with Variants

KB - #SAP_GN_001

Create a Variant

1. Enter the values for selection criteria while you are in any SAP report.
2. Once all selection criteria are populated , Click the Save button

The screenshot shows the SAP 'Display Warehouse Stocks of Material' report interface. The 'Database Selections' section is highlighted with a red box and contains the following entries:

Material		to	
Plant	1004	to	
Storage Location	1010	to	
Batch		to	

The 'Scope of List' section is also highlighted with a red box and contains the following entries:

Material Type	FERT	to	
Material Group	0007	to	
Purchasing Group	001	to	

The 'Selection: Special Stocks' section has the 'Also Select Special Stocks' checkbox unchecked and the 'Special Stock Indicator' set to empty.

The 'Settings' section has the following options checked:

- Display Batch Stocks
- No zero stock lines

The 'Display Options' section has 'Non-Hierarchical Representation' selected.

Red annotations include a '2' pointing to the Save button in the top toolbar and a '1' pointing to the selection criteria fields.

3. Enter a Variant Name
4. Type meaning (Description) of the variant

The screenshot shows the 'Variant Attributes' dialog box in SAP. The 'Variant Name' field contains 'TEST' and the 'Description' field contains 'Test Variant for MB52'. Red boxes highlight these fields, with a '3' next to the name and a '4' next to the description.

Variant Name	TEST
Description	Test Variant for MB52

5. Tick the checkbox if you don't want anyone to modify this variant.
6. Tick the required fields to set them unchangeable when variant is selected.
7. Click on Save to save the variant.

Variant Edit Goto Environment System Help

Variant Attributes **7**

Use Screen Assignment **i**

Variant Name: TEST

Description: Test Variant for MB52

Screen Assignment

Created	Selection Screen
<input checked="" type="checkbox"/>	1000

Only for Background Processing
 Protect Variant **5**
 Only Display in Catalog
 System Variant (Automatic Transport)

Technical name

Objects for selection screen

Selection Screen	Field name	Type	Protect field	Hide field	Hide field 'TO'	Save field without values	Switch GPA off	Required
1,000	Material	S	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1,000	Plant	S	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1,000	Storage Location	S	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1,000	Batch	S	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1,000	Material Type	S	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1,000	Material Group	S	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1,000	Purchasing Group	S	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1,000	Also Select Special Stocks	P	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1,000	Special Stock Indicator	S	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1,000	Display Negative Stocks Only	P	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Selecting the Variant

8. Go to the selection screen and click on the variant icon.
9. Enter the variant name or just execute and select the required variant.

The screenshot shows the SAP 'Display Warehouse Stocks of Material' screen. A 'Find Variant' dialog box is open, allowing the user to search for a variant. The dialog box contains the following fields and options:

- Variant**: Search field (8)
- Environment**: Selection field
- Created By**: Selection field
- Changed By**: Selection field
- Original Language**: Selection field
- Settings**:
 - Display
 - Display Batch Stocks
 - No zero stock lines
 - Do Not Display Values

The 'Execute' button (9) is located at the bottom right of the dialog box.

10. Select the variant necessary and **double click** on it

The screenshot shows the 'ABAP: Variant Directory of Program RM07MLBS' dialog box. The table below lists the variants available for selection:

Variant name	Short Description	Environment	Protected	Created By	Created On	Changed By	Last Changed On
TEST	Test Variant for MB52	A	X		13.07.2018		13.07.2018
TEST2	Plant wise MB52	A	X		13.07.2018		

The 'TEST' variant is highlighted with a red box, and the number '10' is placed next to the 'TEST2' row.

11. The values set by the variant will be loaded to the specific fields.

The screenshot shows the SAP 'Display Warehouse Stocks of Material' dialog box. The interface includes a menu bar (Program, Edit, Goto, System, Help), a toolbar with various icons, and a title bar. The main content is organized into several sections:

- Database Selections:** Fields for Material, Plant (1004), Storage Location (1010), and Batch. The Plant and Storage Location fields are highlighted with a red box, and a red '11' is placed next to the Storage Location field.
- Scope of List:** Fields for Material Type (FERT), Material Group (0007), and Purchasing Group (001).
- Selection: Special Stocks:** A checkbox for 'Also Select Special Stocks' and a 'Special Stock Indicator' field.
- Settings:** Checkboxes for 'Display Negative Stocks Only', 'Display Batch Stocks' (checked), 'No zero stock lines' (checked), and 'Do Not Display Values'.