

Interactive Solution for Complex Calculations in DP Planning Book Using Macro BAdIs



Applies to:

Supply Chain Management 5.0 component SCM-APO-FCS (Demand Planning).
For more information, visit the [Supply Chain Management homepage](#).

Summary

Perform complex calculations in planning book using Macro BAdIs. The BAdI will have the planning book data to play around.

Author: Srinivas Maddineni

Company: Intelligroup Inc.,

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Author Bio



Srinivas Maddineni has 6 years of IT experience and has worked multiple SAP Implementations. Srinu has hands on experience in SAP ABAP on R/3, CRM and APO modules. Srinu has a Masters in Information Technology and Management from Periyar University TN India and a Bachelor degree in Business Management from Nagarjuna University AP India and is currently working for Intelligroup Inc., USA.

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Scenario

Safety Stock calculation generally happens in Supply Network Planning. Safety stock needs to be calculated based on Forecast and certain parameters and needs to be interactive. A generic algorithm will be built in demand planning.

Requirement

- **Step 1:**

Build plan (ZBUILDPLN) calculated in the weekly planning book is present here

- **Step 2:**

Calculate Safety Stock Average Calculation weeks (ZSSAVGWK) (Manual Entry)

In the below work sheet the value entered is 4. Now the program calculation would be $(w1+w2+w3+w4) / 4$.

The result would be $(100 + 200 + 150 + 150) / 4 = 150$.

- **Step 3:**

Calculated Safety Stock (ZCALSS), when the user inputs a value in the cell Number of weeks stock required (ZSSWKREQ) then the result would be $ZCALSS = ZAVGWKFC \times ZSSWKREQ$ that is $150 \times 3 = 300$.

- **Step 4:**

Calculate Total Safety Stock (ZTOTSS), User inputs a value in the cell Fixed safety stock required (ZFIXSS) then calculate $ZTOTSS = ZCALSS + ZFIXSS$ that is $300 + 75 = 375$.

- **Step 5:**

Calculate safety stock quantity (ZSAFSTK), User inputs a value in the cell Safety Stock Allocation weeks (ZSSALLWK) then $ZSAFSTK = ZTOTSS / ZSSALLWK$ that is $375 / 3 = 125$

- **Step 6:**

Start printing the resulting values from the desired Cell. User inputs a value in Safety Stock Start Week (ZNALLSTWK) then the Safety Stock Quantity (ZSAFSTK) should print from the input value week starting from the current week.

Requirement Example

Key Figure	Description	W-4	W-3	W-2	W-1	W0	W1	W2	W3	W4	W...n
ZBUILDPLN	Build Plan	X	X	X	X	100	200	150	150	500	X
ZSSAVGWK	SS Avg Calculation Weeks	X	X	X	X	4					
ZAVGWKFC	Avg Weekly Forecast	X	X	X	X	150					
ZSSWKREQ	Number of Weeks Stock Required	X	X	X	X	2					
ZCALSS	Calculated Safety Stock					300					
ZFIXSS	Fixed Safety Stock Req.	X	X	X	X	75					
ZTOTSS	Total Safety Stock					375					
ZSSALLWK	SS Allocation Weeks	X	X	X	X	3					
ZNALLSTWK	Safety Stock Start Week	X	X	X	X	2					
ZSAFSTK	Safety Stock Quantity	X	X	X	X		125	125	125	0	X

Derived from Monthly forecast

Calculated by program

Updateable columns

Planning Book Initial Screen:

Here the values for Total Raw SS forecast are populated. All the white cells are manual inputs and grey ones are calculated outputs.

	Unit	12/08/2008	12/15/2008	12/22/2008	12/29/2008	01/05/2009	01/12/2009	01/19/2009	01/26/2009	02/02/2009	02/09/2009	02/16/2009
Market Final Forecast	EA	8,982	8,982	8,982	7,912	7,108	7,108	7,108	7,108	7,108	3,850	
Customer Forecast	EA											
Net Commit Forecast (3)	EA											
Merge Parameter		1	1	1	1	1	1	1	1	1	1	
Merged Raw SS Forecast	EA	8,982	8,982	8,982	7,912	7,108	7,108	7,108	7,108	7,108	3,850	
Intercompany Forecast	EA											
Total Raw SS Forecast	EA	8,982	8,982	8,982	7,912	7,108	7,108	7,108	7,108	7,108	3,850	
Safety Stock Average Calculation Weeks												
Average Weekly Forecast	EA											
Number of Weeks Stock Required												
Calculated Safety Stock	EA											
Additional Safety Stock Req.	EA											
Total Safety Stock	EA											
Safety Stock Allocation Weeks												
SS Allocation Start Week												
Safety Stock	EA											
Safety Stock Override	EA											
Final Safety Stock	EA											

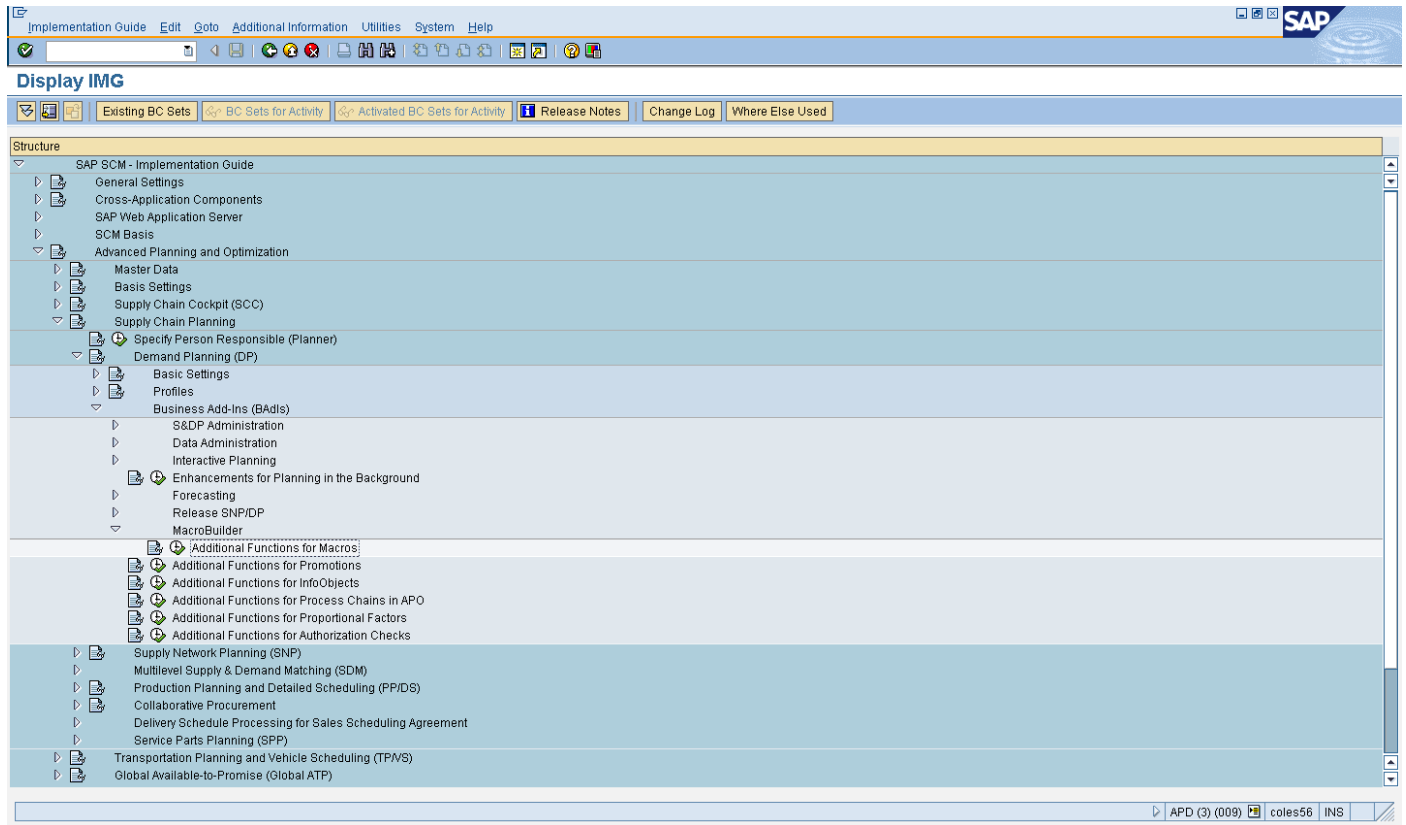
The Result Screen:

	Unit	12/08/2008	12/15/2008	12/22/2008	12/29/2008	01/05/2009	01/12/2009	01/19/2009	01/26/2009	02/02/2009	02/09/2009	02/16/2009
Market Forecast	EA	8,982	8,982	8,982	7,912	7,108	7,108	7,108	7,108	7,108	3,850	
Customer Forecast	EA											
Net Commit Forecast (3)	EA											
Merge Parameter		1	1	1	1	1	1	1	1	1	1	1
Merged Raw SS Forecast	EA	8,982	8,982	8,982	7,912	7,108	7,108	7,108	7,108	7,108	3,850	
Intercompany Forecast	EA											
Total Raw SS Forecast	EA	8,982	8,982	8,982	7,912	7,108	7,108	7,108	7,108	7,108	3,850	
Safety Stock Average Calculation Weeks		6										
Average Weekly Forecast	EA	8,179										
Number of Weeks Stock Required		5										
Calculated Safety Stock	EA	40,895										
Additional Safety Stock Req'd.	EA	5,675										
Total Safety Stock	EA	46,570										
Safety Stock Allocation Weeks		4										
SS Allocation Start Week		3										
Safety Stock	EA			11,643	11,643	11,643	11,643					
Safety Stock Override	EA											
Final Safety Stock	EA			11,643	11,643	11,643	11,643					

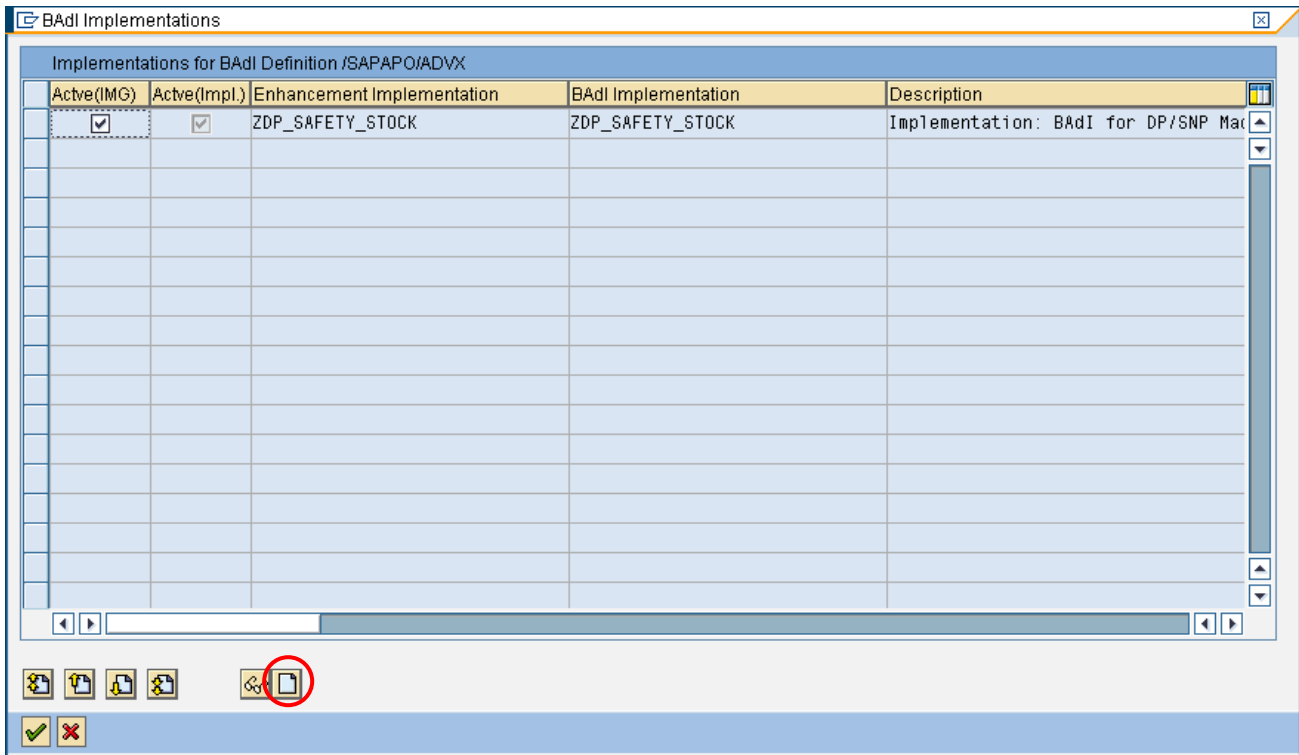
Solution Steps

The procedure to implement a BADI is:

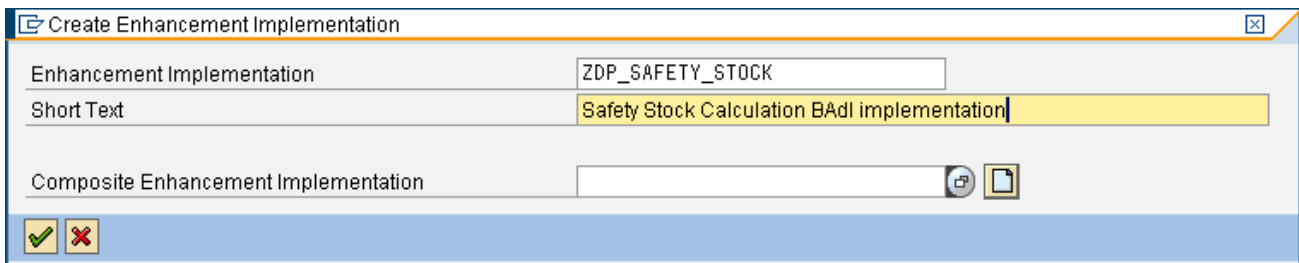
1. SPRO --> SAP SCM - Implementation Guide --> Advanced Planning and Optimization --> Supply Chain Planning --> Demand Planning (DP) --> Business Add-Ins (BAdIs) --> MacroBuilder --> Additional Functions for Macros.



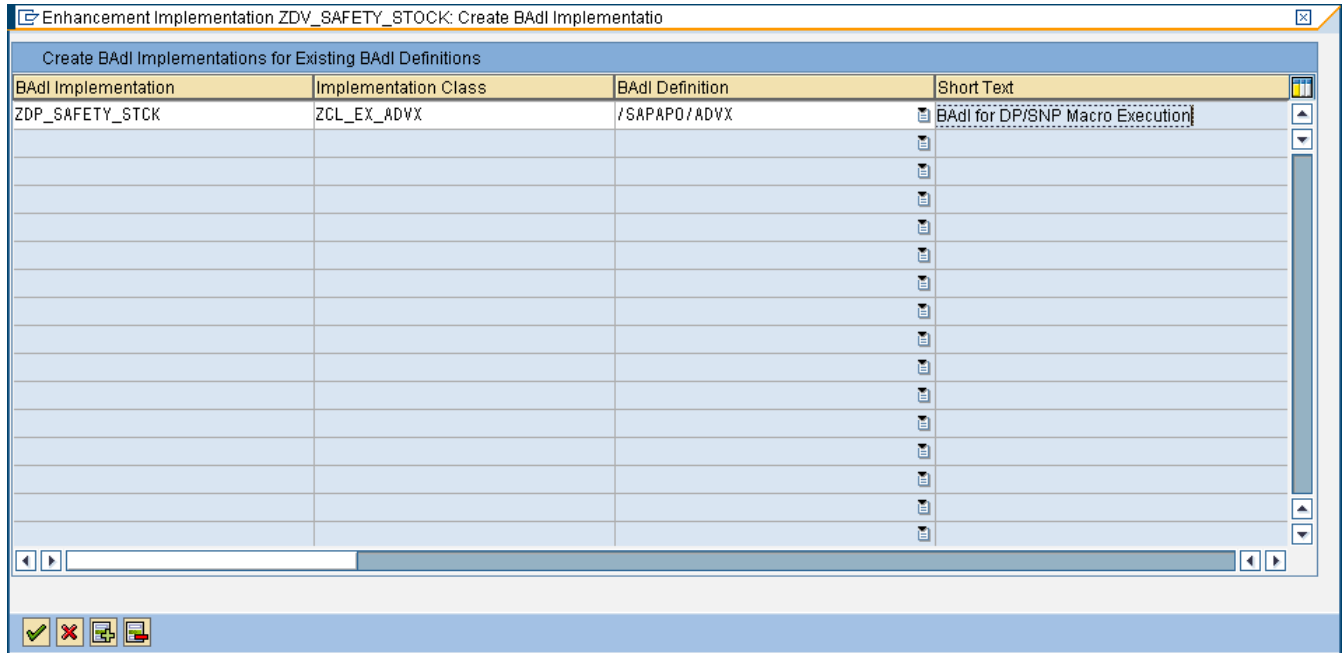
2. Create Implementation button. You will not see a line in the screen if you haven't implemented this BAdI before.



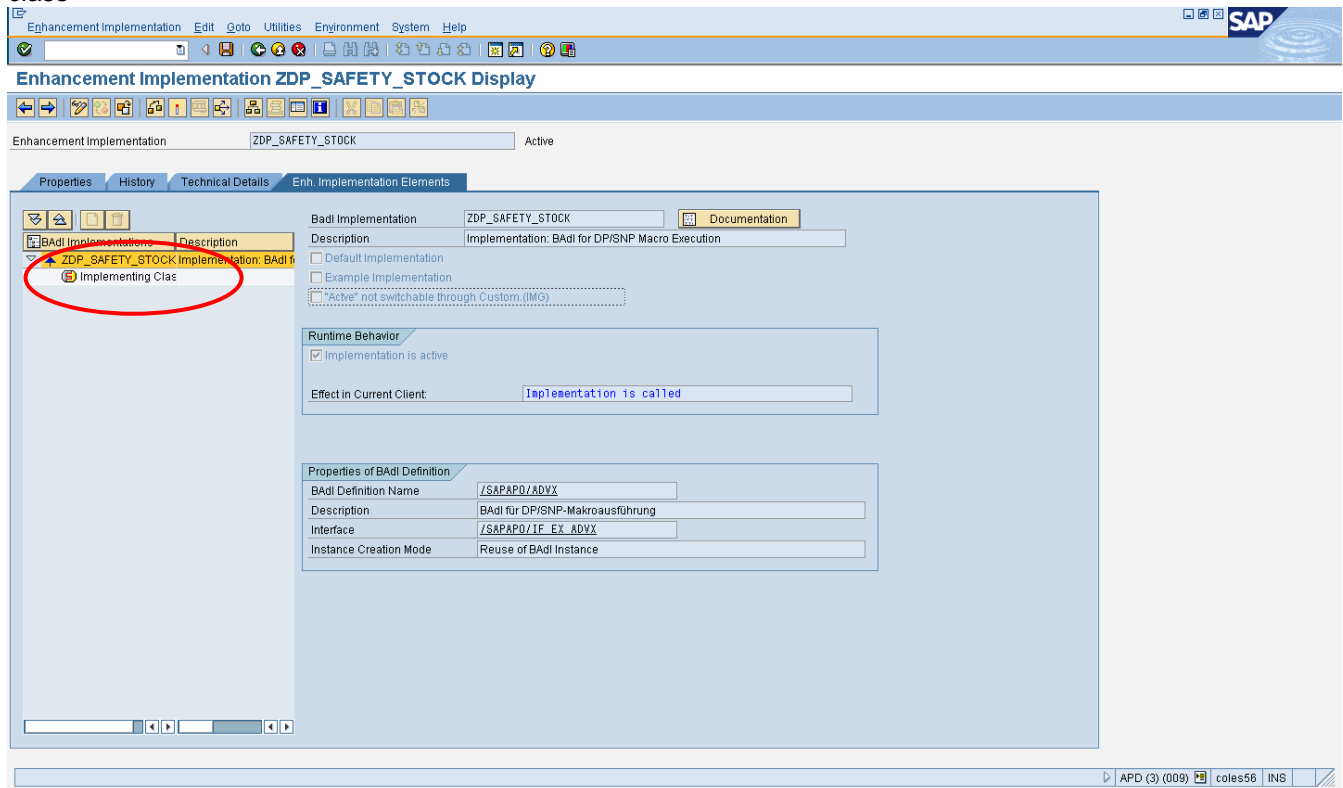
3. Give a name for your implementation, here I mention as ZDP_SAFETY_STOCK, when you press enter key it will prompt you for save. Save the BAdI implementation to appropriate project.



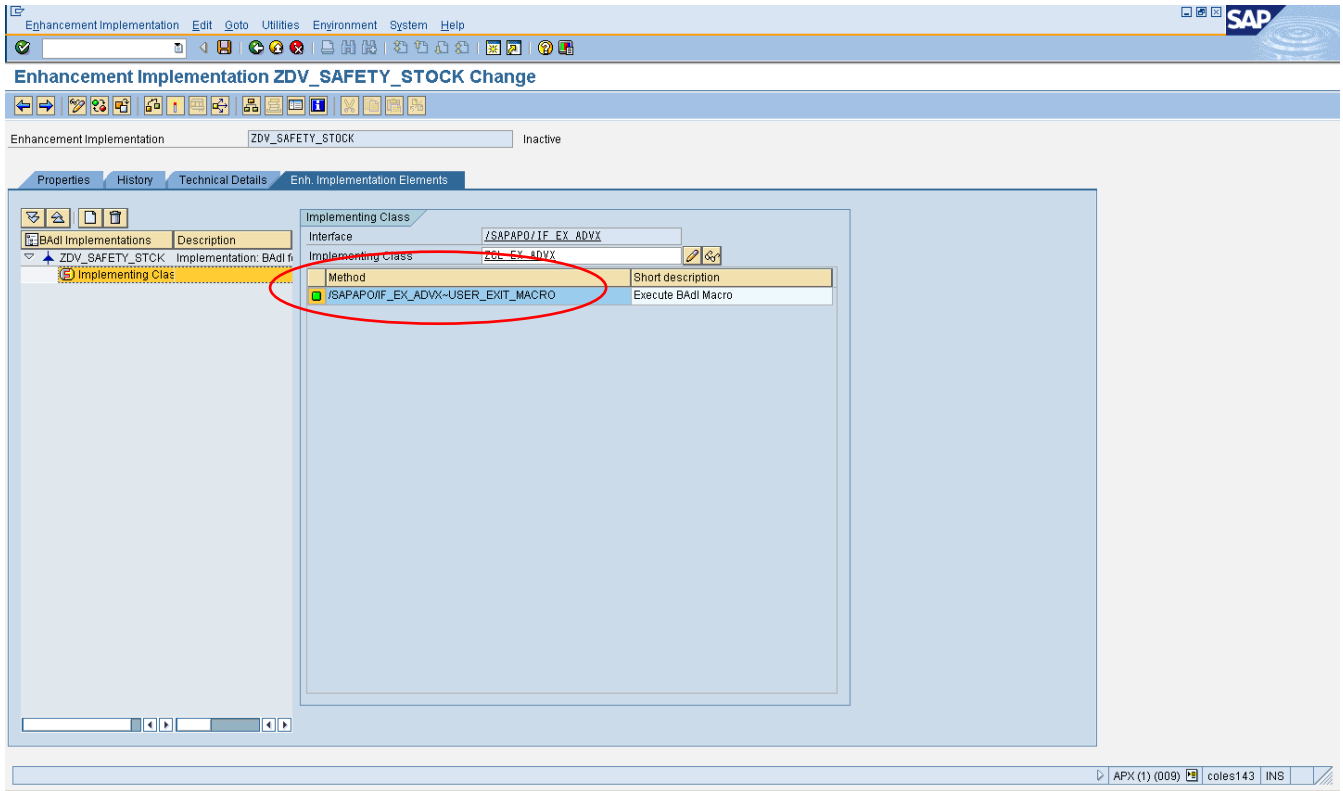
4. Create a new implementation by copying the class for the BADI definition '/SAPAPO/ADVX' and write your own code in the method '/SAPAPO/IF_EX_ADVX~USER_EXIT_MACRO'.



5. You will come to this screen, here drop down implementation name and double click on implementing class



6. You will see a method name; double click on the method to browse through code.



7. Start writing the BAdI code in this method. To close the parameters sub screen click Signature button on the application tool bar. . There is a sample code and procedure explaining how to handle the data in the internal tables C_T_TAB and C_T_TAB_OLD. the calculations can be made with help of I_T_LINES, I_T_COLS which are rows and columns tables. find out the row and columns of the grid to be read and do calculation and then put the result in the desired cell.

Method Edit Goto Utilities Environment System Help

Class Builder: Class ZCL_EX_ADVX Display

Ty.	Parameter	Type spec.	Description
▶	I_ADV_LAYOUT	TYPE /SAPAPO/ADV_LAYOUT	Key Component 1 for Macro Book
▶	I_ADV_VIEW	TYPE /SAPAPO/ADV_VIEW	Key Component 2 for Macro Book
▶	I_ADV_MACROID	TYPE /SAPAPO/MAKRO	Macro ID of BAdI Macro
▶	I_T_ADV_PLOB_VALUES	TYPE /SAPAPO/DM_T_PLOB_VALUES	Table with Planning Objects
▶	I_T_LINES	TYPE /SAPAPO/MSDP_APP_LINES_TAB	Application Line Index Planning Matrix
▶	I_T_COLS	TYPE /SAPAPO/MSDP_APP_COLS_TAB	Application Column Index Planning Matrix
▶	I_T_DRILL_PATH	TYPE /SAPAPO/MSDP_DRILL_PATH_TAB	Drill Down Path
▶	I_T_GROUP_BY	TYPE /SAPAPO/TS_GROUP_BY_TAB	Grouping Condition of Characteristics
▶	C_T_TAB	TYPE /SAPAPO/MSDP_APP_TAB_TAB	Application Planning Matrix
▶	C_T_TAB_OLD	TYPE /SAPAPO/MSDP_APP_TAB_TAB	Registration of Changed Values in Planning Matrix
▶	C_S_ACTVIEW	TYPE /SAPAPO/PB_ACT_VIEW_STR	Structure with Information on Current Data View

Method /SAPAPO/IF_EX_ADVX-USER_EXIT_MACRO Active

```

28: *****
29: DATA: W_CALC_ERROR          TYPE /SAPAPO/ADV_CALC_ERROR,
30:        W_ARGUMENT           TYPE /SAPAPO/MXVAL,
31:        W_ACT_COLUMN         TYPE /SAPAPO/MXCOL,
32:        T_T_TAB              TYPE STANDARD TABLE OF /SAPAPO/MSDP_APP_TAB_TAB,
33:        W_T_TAB              TYPE /SAPAPO/MXSOP,
34:        W_SS_AVG_CAL_WKS     TYPE I,
35:        W_AVG_WK_FCST        TYPE F,
36:        W_BUILD_PLAN         TYPE I,
37:        W_TOT_BUILD_PLAN     TYPE I,
38:        W_CURRENT_WKS        TYPE I,
39:        W_NEXT_WKS           TYPE I.
40:
41: DATA: T_LINES              TYPE /SAPAPO/MSDP_APP_LINES_TAB,
42:        W_LINES              LIKE LINE OF T_LINES.
43:
44: DATA: T_COLS              TYPE /SAPAPO/MSDP_APP_COLS_TAB,
45:        W_COLS              LIKE LINE OF T_COLS.
46:
47: DATA: W_NUM_OF_WKS_STK_REQD TYPE I,
48:        W_CAL_SFT_STK        TYPE F,

```

ABAP Ln 1 Col 1 NUM

APX (1) (009) colst143 INS

8. After writing the code, save and activate BAdI implementation.

9. Go to transaction /SAPAPO/ADVM select the appropriate planning book / data view.

The screenshot displays the SAP APO MacroBuilder interface. At the top, there is a menu bar with options: Macros, Edit, Goto, Settings, Utilities, System, Help. Below the menu is a toolbar with icons for various actions. The main workspace is divided into several panels:

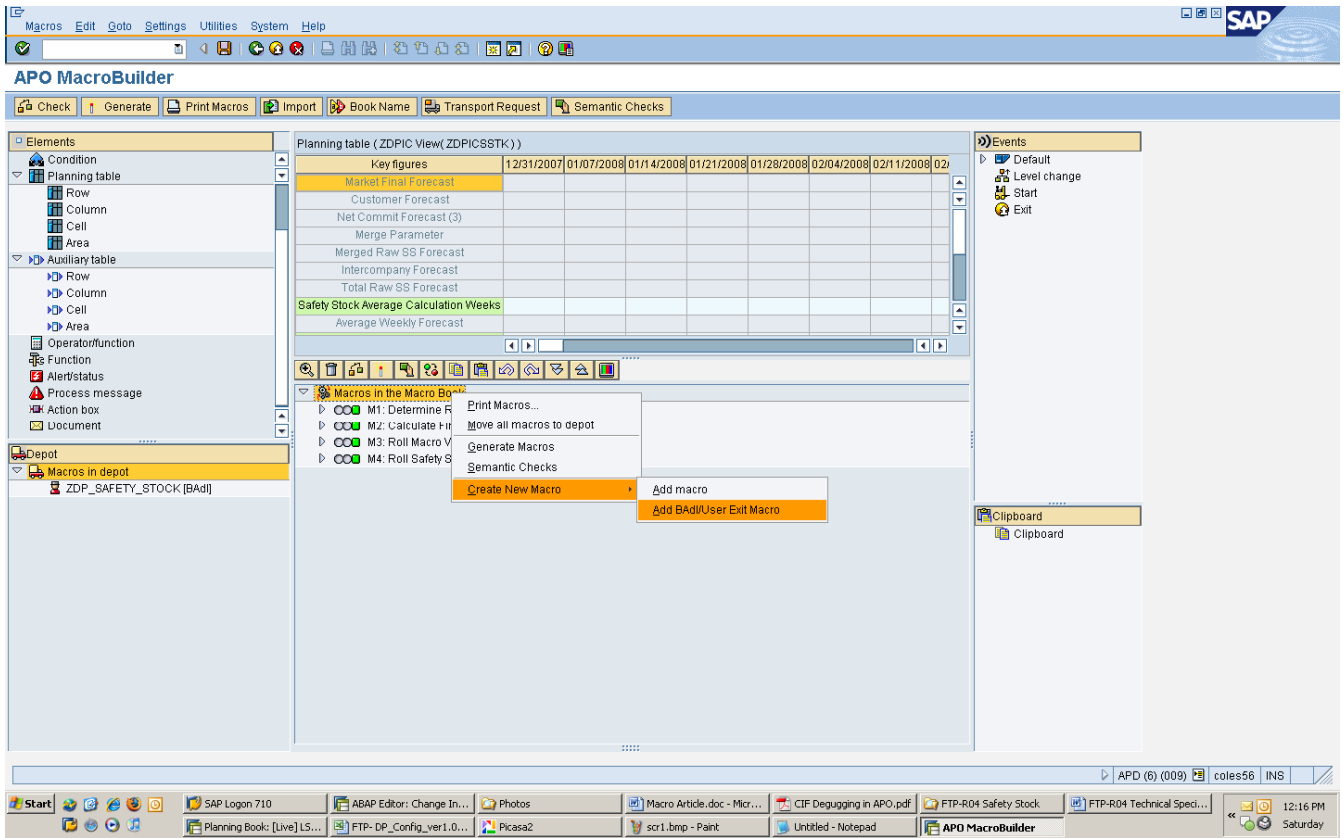
- Elements Panel (Left):** A tree view showing the structure of the macro. It includes 'Condition', 'Planning table' (with sub-items: Row, Column, Cell, Area), 'Auxiliary table' (with sub-items: Row, Column, Cell, Area), 'Operator/function', 'Function', 'Alert/status', 'Process message', 'Action box', and 'Document'.
- Planning table (ZDPIC View(ZDPICSSSTK)) (Center):** A table with columns for dates: 12/31/2007, 01/07/2008, 01/14/2008, 01/21/2008, 01/28/2008, 02/04/2008, 02/11/2008, 02/18/2008. The rows include:

Key figures	12/31/2007	01/07/2008	01/14/2008	01/21/2008	01/28/2008	02/04/2008	02/11/2008	02/18/2008
Market Final Forecast								
Customer Forecast								
Net Commit Forecast (3)								
Merge Parameter								
Merged Raw SS Forecast								
Intercompany Forecast								
Total Raw SS Forecast								
Safety Stock Average Calculation Weeks								
Average Weekly Forecast								
- Events Panel (Right):** A list of events including Default, Level change, Start, and Exit.
- Clipboard Panel (Bottom Right):** A panel for clipboard operations.
- Macros in the Macro Book (Bottom Center):** A list of macros:
 - M1: Determine Raw Safety Stock Forecast
 - M2: Calculate Final Safety Stock
 - M3: Roll Macro Values
 - M4: Roll Safety Stock Override
- Depot Panel (Bottom Left):** A panel showing 'Macros in depot' with a specific macro: ZDP_SAFETY_STOCK [BAdI].

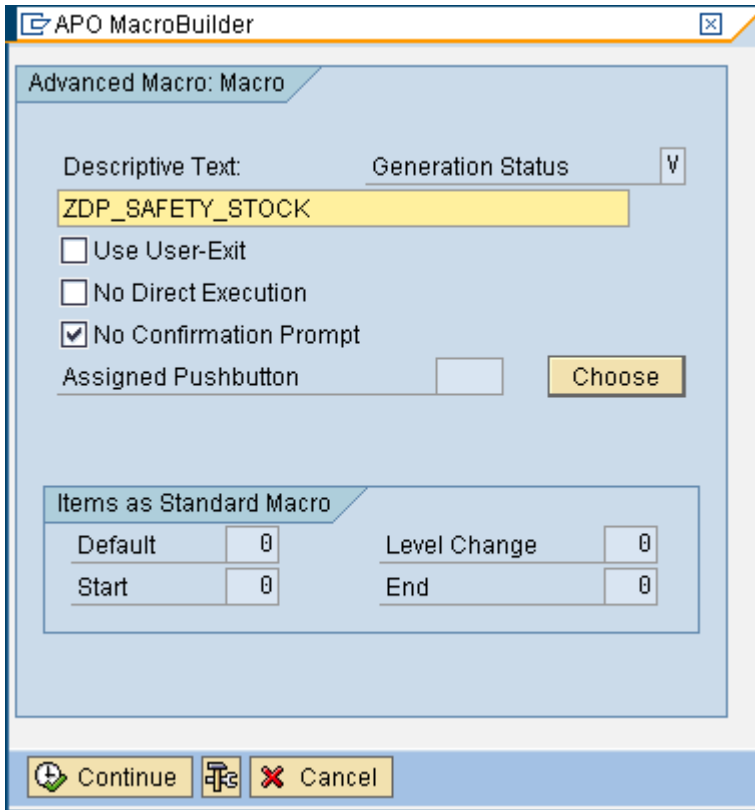
The status bar at the bottom right shows 'APD'.

Assign BAdI to Macro:

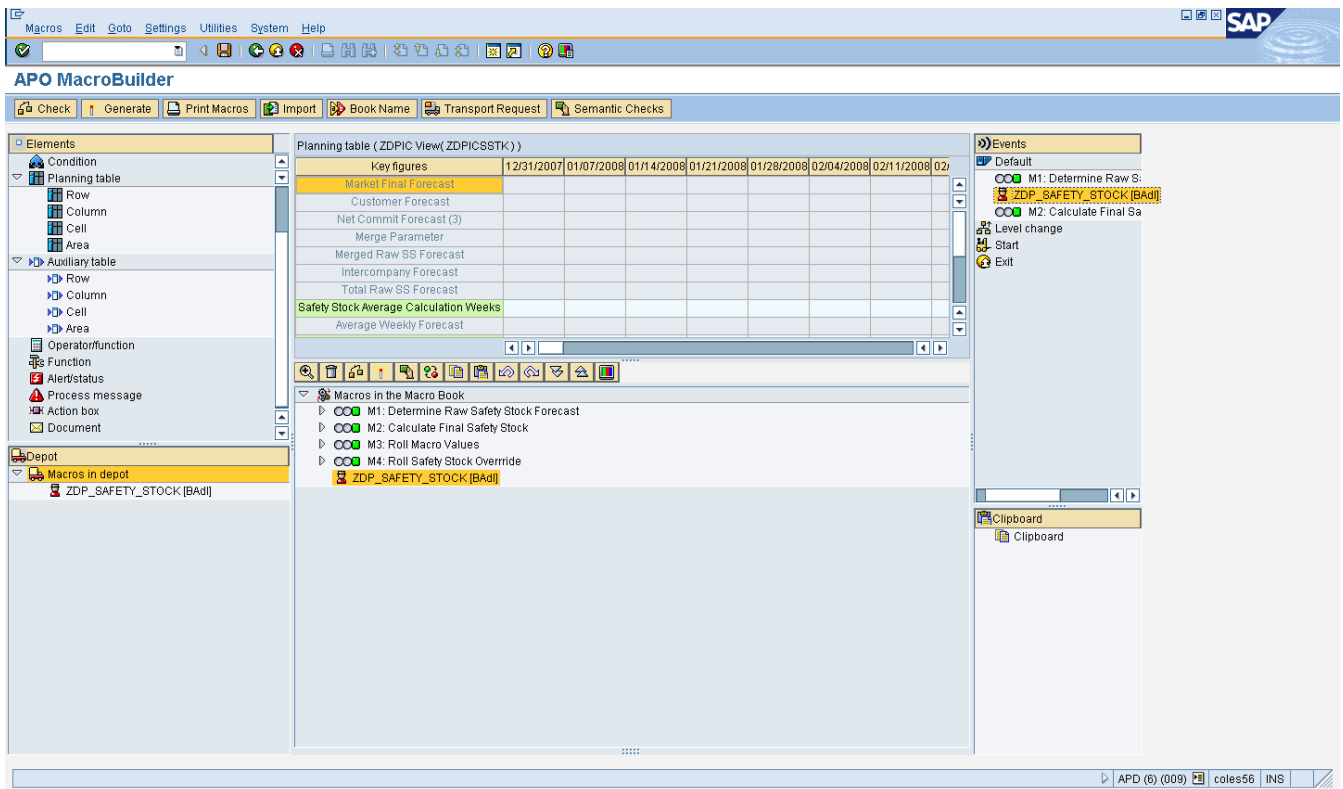
1. Right click on the macro book select new Macro → Add BAdI/User Exit Macro option.



2. Give the BAdI implementation name and click continue



3. Add the Macro BAdI to the default event to trigger for all the changes done in the screen. To do this just drag and drop the BAdI on to event sub screen. Then save and generate the Macro Builder.



Source Code:

This is the code used in my program to achieve the requirement.

```

METHOD /SAPAPO/IF_EX_ADVX~USER_EXIT_MACRO.
*****
*                               V A R I A B L E S                               *
*****
DATA: W_CALC_ERROR          TYPE /SAPAPO/ADV_CALC_ERROR,
      W_ARGUMENT            TYPE /SAPAPO/MXVAL,
      W_ACT_COLUMN         TYPE /SAPAPO/MXCOL,
      T_T_TAB              TYPE STANDARD TABLE OF /SAPAPO/MSDP_APP_TAB_TAB,
      W_T_TAB              TYPE /SAPAPO/MXSOP,
      W_SS_AVG_CAL_WKS     TYPE I,
      W_AVG_WK_FCST        TYPE F,
      W_BUILD_PLAN         TYPE I,
      W_TOT_BUILD_PLAN     TYPE I,
      W_CURRENT_WKS        TYPE I,
      W_NEXT_WKS           TYPE I.

DATA: T_LINES              TYPE /SAPAPO/MSDP_APP_LINES_TAB,
      W_LINES              LIKE LINE OF T_LINES.

DATA: T_COLS              TYPE /SAPAPO/MSDP_APP_COLS_TAB,
      W_COLS              LIKE LINE OF T_COLS.

DATA: W_NUM_OF_WKS_STK_REQD TYPE I,
      W_CAL_SFT_STK         TYPE F,
      W_FIXED_SFT_STK_REQD TYPE I,
      W_TOT_SFT_STK        TYPE F,
      W_SFT_STK_ALC_WKS    TYPE I,
      W_SFT_STK            TYPE F,
      W_START_WK           TYPE I,
      W_COUNTER            TYPE I.

FIELD-SYMBOLS:
  <FS_S_AGC_CLMN>        LIKE LINE OF C_S_ACTVIEW-AGC_GRID1.

*****
*                               M A I N                               *
*****
*** Run the BADI only when the data in the grid is changed.
IF C_T_TAB_OLD[] IS NOT INITIAL OR
  SY-UCOMM = 'TCHANGE' OR
  SY-UCOMM = 'SICH'.

** Collect the grid data like Rows and Columns into local internal tables.
  T_LINES[] = I_T_LINES[].
  T_COLS[] = I_T_COLS[].
  SORT T_LINES[] BY ZPOS.

* Read Current work week.
  READ TABLE T_COLS INTO W_COLS WITH KEY FIRSTFUTURE = 'X'.
  W_CURRENT_WKS = W_COLS-COLUMN.

```

```

*** Average Weekly Forecast.
* Read cell value of SS Avg. Cal. Weeks (2nd Row)
  READ TABLE T_LINES INTO W_LINES WITH KEY FELDH = 'ZNSSAVGWK'.
  READ TABLE C_T_TAB INTO W_T_TAB WITH KEY Z = W_LINES-LINE C = W_CURRENT_WKS.
  W_SS_AVG_CAL_WKS = W_T_TAB-V.

* Read Row Matrix - Build Plan.
  CLEAR W_LINES.
  READ TABLE T_LINES INTO W_LINES WITH KEY FELDH = 'ZQRTINTCO'.

* Read Buildplan value and SUM upto Safety Stock Average calculation value.
* For example if SS Avg. Cal. Weeks are 5 then SUM buildplan values upto 5 columns.
  DO W_SS_AVG_CAL_WKS TIMES.
    CLEAR: W_T_TAB, W_BUILD_PLAN.
    READ TABLE C_T_TAB INTO W_T_TAB WITH KEY Z = W_LINES-LINE C = W_CURRENT_WKS.
    IF SY-SUBRC = 0.
      W_BUILD_PLAN      = W_T_TAB-V.
      W_TOT_BUILD_PLAN = W_TOT_BUILD_PLAN + W_BUILD_PLAN.
    ENDIF.
    W_CURRENT_WKS      = W_CURRENT_WKS + 1.
  ENDDO.

* Calaulate Average Weekly forecast
* SUM of buildplan devided by SS Avg. Cal. Weeks value.
  W_AVG_WK_FCST = W_TOT_BUILD_PLAN / W_SS_AVG_CAL_WKS.

* Clear workarea and get current workweek.
  CLEAR: W_T_TAB, W_CURRENT_WKS.
  W_CURRENT_WKS = W_COLS-COLUMN.

* Insert the calculated value into the cell.
  READ TABLE T_LINES INTO W_LINES WITH KEY FELDH = 'ZQAVGWKFC'.
  READ TABLE C_T_TAB INTO W_T_TAB WITH KEY Z = W_LINES-LINE C = W_CURRENT_WKS.
  IF SY-SUBRC NE 0.
    W_T_TAB-Z = W_LINES-LINE.
    W_T_TAB-C = W_CURRENT_WKS.
    W_T_TAB-V = W_AVG_WK_FCST.
    INSERT W_T_TAB INTO TABLE C_T_TAB.
  ELSE.
    W_T_TAB-V = W_AVG_WK_FCST.
    MODIFY TABLE C_T_TAB FROM W_T_TAB TRANSPORTING V.
  ENDIF.

*** Calculated Safety Stock.
* Read cell value of SS Avg. Cal. Weeks (4th Row in Planning book ZDP_SAFETY_STOCK)
  CLEAR : W_LINES, W_T_TAB.
  READ TABLE T_LINES INTO W_LINES WITH KEY FELDH = 'ZNSSWKREQ'.
  READ TABLE C_T_TAB INTO W_T_TAB WITH KEY Z = W_LINES-LINE C = W_CURRENT_WKS.
  W_NUM_OF_WKS_STK_REQD = W_T_TAB-V.

* Check the user enter a value in "Number of weeks stock required" cell.
*   IF NOT W_NUM_OF_WKS_STK_REQD IS INITIAL.

```

```

* Calaulated Safety Stock
  W_CAL_SFT_STK = W_NUM_OF_WKS_STK_REQD * W_AVG_WK_FCST.

* Insert the calculated safety stock value into the cell.
  CLEAR : W_LINES, W_T_TAB.
  READ TABLE T_LINES INTO W_LINES WITH KEY FELDH = 'ZQCALSS'.
  READ TABLE C_T_TAB INTO W_T_TAB WITH KEY Z = W_LINES-LINE C = W_CURRENT_WKS.
  IF SY-SUBRC NE 0.
    W_T_TAB-Z = W_LINES-LINE.
    W_T_TAB-C = W_CURRENT_WKS.
    W_T_TAB-V = W_CAL_SFT_STK.
    INSERT W_T_TAB INTO TABLE C_T_TAB.
  ELSE.
    W_T_TAB-V = W_CAL_SFT_STK.
    MODIFY TABLE C_T_TAB FROM W_T_TAB TRANSPORTING V.
  ENDIF.
*   ENDIF.

*** Total Safety Stock
* Read cell value of Fixed Safety Stock required (6th Row in Planning book ZDP_SAFETY_STOCK)
  CLEAR : W_LINES, W_T_TAB.
  READ TABLE T_LINES INTO W_LINES WITH KEY FELDH = 'ZQFIXSS'.
  READ TABLE C_T_TAB INTO W_T_TAB WITH KEY Z = W_LINES-LINE C = W_CURRENT_WKS.
  W_FIXED_SFT_STK_REQD = W_T_TAB-V.

* Check if the user enter a value in "Fixed Safety Stock required" cell.
*   IF NOT W_FIXED_SFT_STK_REQD IS INITIAL.
* Calaulated Safety Stock
  W_TOT_SFT_STK = W_CAL_SFT_STK + W_FIXED_SFT_STK_REQD.

* Insert the calculated safety stock value into the cell.
  CLEAR : W_LINES, W_T_TAB.
  READ TABLE T_LINES INTO W_LINES WITH KEY FELDH = 'ZQTOTSS'.
  READ TABLE C_T_TAB INTO W_T_TAB WITH KEY Z = W_LINES-LINE C = W_CURRENT_WKS.
  IF SY-SUBRC NE 0.
    W_T_TAB-Z = W_LINES-LINE.
    W_T_TAB-C = W_CURRENT_WKS.
    W_T_TAB-V = W_TOT_SFT_STK.
    INSERT W_T_TAB INTO TABLE C_T_TAB.
  ELSE.
    W_T_TAB-V = W_TOT_SFT_STK.
    MODIFY TABLE C_T_TAB FROM W_T_TAB TRANSPORTING V.
  ENDIF.
*   ENDIF.

*** Safety Stock
* Read cell value of Safety Stock allocation weeks
* (Row in Planning book ZDP_SAFETY_STOCK)
  CLEAR : W_LINES, W_T_TAB.
  READ TABLE T_LINES INTO W_LINES WITH KEY FELDH = 'ZNSSALLWK'.
  READ TABLE C_T_TAB INTO W_T_TAB WITH KEY Z = W_LINES-LINE C = W_CURRENT_WKS.
  W_SFT_STK_ALC_WKS = W_T_TAB-V.

```

```

* Check if the user enter a value in "Safety Stock allocation weeks" cell.
* IF NOT w_sft_stk_alc_wks IS INITIAL.
* Safety Stock
  IF NOT W_SFT_STK_ALC_WKS IS INITIAL.
    W_SFT_STK = W_TOT_SFT_STK / W_SFT_STK_ALC_WKS.
  ELSE.
    CLEAR W_SFT_STK.
  ENDIF.
* Get the Safety Stock allocation start week.
  CLEAR : W_LINES, W_T_TAB, W_START_WK.
  READ TABLE T_LINES INTO W_LINES WITH KEY FELDH = 'ZNALLSTWK'.
  READ TABLE C_T_TAB INTO W_T_TAB WITH KEY Z = W_LINES-LINE C = W_CURRENT_WKS.
  IF W_T_TAB-V IS INITIAL.
    W_START_WK = W_CURRENT_WKS.
  ELSE.
    W_START_WK = W_T_TAB-V - 1.
    W_START_WK = W_CURRENT_WKS + W_START_WK.
  ENDIF.

*** Clear all the cells which has the values less than start week.
* This wil refresh the old values if any for the columns less than start week value
.
W_NEXT_WKS = W_CURRENT_WKS.
* DO w_t_tab-v TIMES.
DO 53 TIMES.
  READ TABLE T_LINES INTO W_LINES WITH KEY FELDH = 'ZQSAFSTK'.
  READ TABLE C_T_TAB INTO W_T_TAB WITH KEY Z = W_LINES-LINE C = W_NEXT_WKS.
  IF SY-SUBRC = 0.
    W_T_TAB-V = 0.
    MODIFY TABLE C_T_TAB FROM W_T_TAB TRANSPORTING V.
    W_T_TAB-V = 1.
    INSERT W_T_TAB INTO TABLE C_T_TAB_OLD.
  ENDIF.
  W_NEXT_WKS = W_NEXT_WKS + 1.
  CLEAR W_T_TAB.
ENDDO.

* Insert the calculated safety stock value into the cell.
  CLEAR : W_LINES, W_T_TAB, W_NEXT_WKS.
  W_NEXT_WKS = W_START_WK.
  DO W_SFT_STK_ALC_WKS TIMES.
    READ TABLE T_LINES INTO W_LINES WITH KEY FELDH = 'ZQSAFSTK'.
    READ TABLE C_S_ACTVIEW-
AGC_GRID1 ASSIGNING <FS_S_AGC_CLMN> WITH KEY AGC_INDEX = W_NEXT_WKS.
    <FS_S_AGC_CLMN>-MODIFIED = 'X'.
    READ TABLE C_T_TAB INTO W_T_TAB WITH KEY Z = W_LINES-LINE C = W_NEXT_WKS.
    IF SY-SUBRC NE 0.
      W_T_TAB-Z = W_LINES-LINE.
      W_T_TAB-C = W_NEXT_WKS.
      W_T_TAB-V = W_SFT_STK.
      INSERT W_T_TAB INTO TABLE C_T_TAB.
      W_T_TAB-V = 1.
      INSERT W_T_TAB INTO TABLE C_T_TAB_OLD.
    ELSE.
      W_T_TAB-V = W_SFT_STK.
      MODIFY TABLE C_T_TAB FROM W_T_TAB TRANSPORTING V.

```



```

    W_T_TAB-V = 1.
    INSERT W_T_TAB INTO TABLE C_T_TAB_OLD.
  ENDIF.
  W_NEXT_WKS = W_NEXT_WKS + 1.
ENDDO.

* Refresh the all the cells where data is not available.
* This will refresh the column data which is more than start week + SSt calc weeks.
CLEAR: W_NEXT_WKS, W_COUNTER.
W_NEXT_WKS = W_START_WK.
DO.
  W_COUNTER = W_COUNTER + 1.
  READ TABLE C_T_TAB INTO W_T_TAB WITH KEY Z = W_LINES-LINE C = W_NEXT_WKS.
  IF SY-SUBRC = 0.
    IF W_COUNTER > W_SFT_STK_ALC_WKS.
      W_T_TAB-V = 0.
      MODIFY TABLE C_T_TAB FROM W_T_TAB TRANSPORTING V.
      W_T_TAB-V = 1.
      INSERT W_T_TAB INTO TABLE C_T_TAB_OLD.
    ENDIF.
    W_NEXT_WKS = W_NEXT_WKS + 1.
    CLEAR W_T_TAB.
  ELSE.
    EXIT.
  ENDIF.
ENDDO.
*   ENDIF.
ENDIF.
ENDMETHOD.

```

Related Content

[Planning Book](#)

[Standard Macros](#)

[Advanced Macros](#)

For more information, visit the [Supply Chain Management homepage](#).

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