Implementing Menu Exits and Screen Exits in CJ92 Transaction (PS Module)

Applies to:

ABAP UserExits. For more information, visit the ABAP homepage.

Summary

This tutorial shows how to implement Menu Exits and Screen Exits for transaction CJ92 in PS Module. It shows how to add new Menu item to the existing Menu and a new Screen with Custom Fields.

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Author Bio

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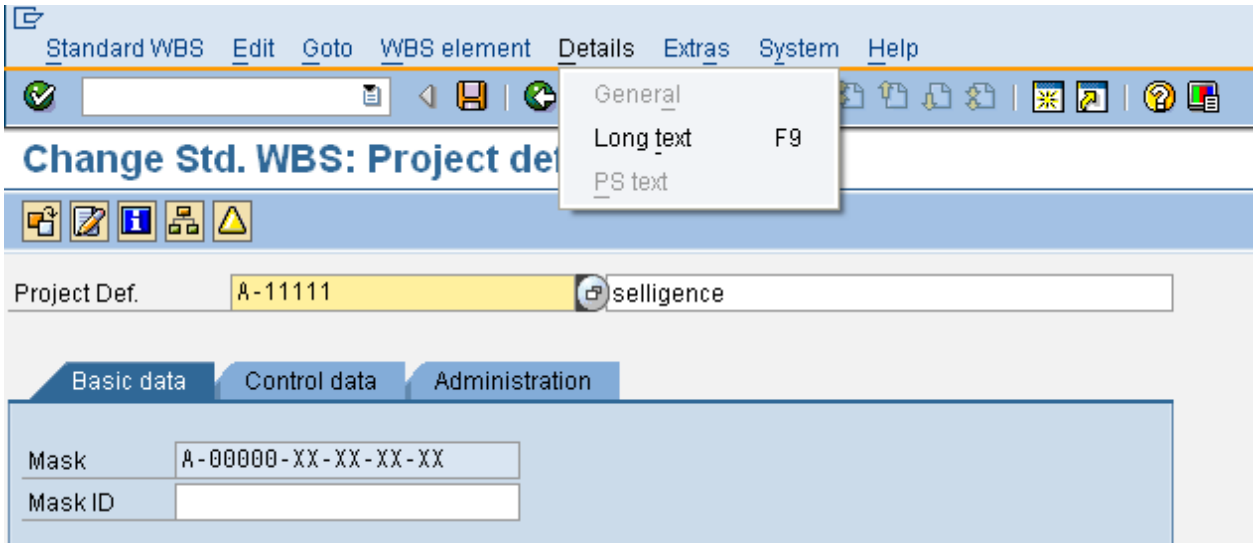
Before Implementing User Exits

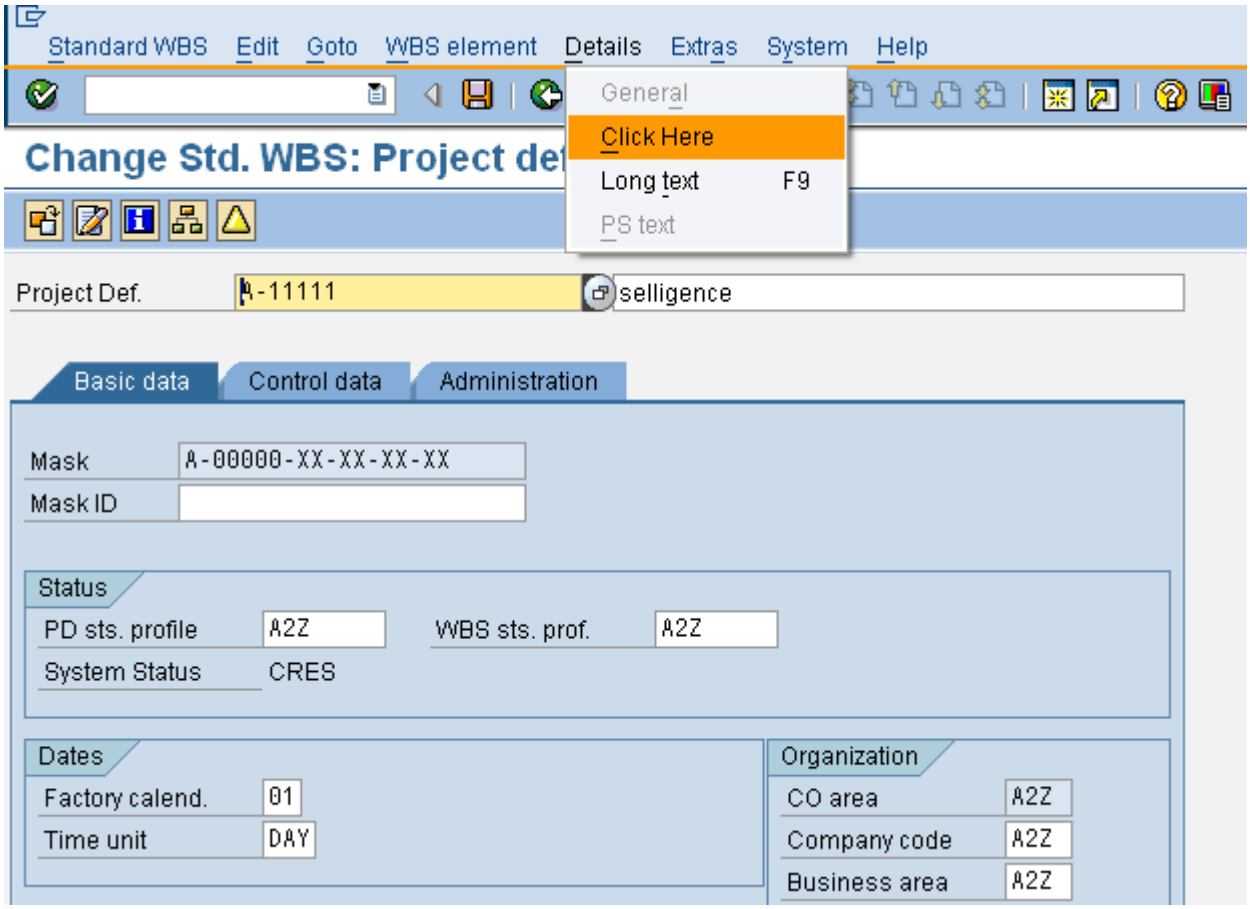
Here for the purpose of demonstration, Menu Exits and Screen Exits would be implemented for the transaction cj92 (Change Standard WBS – belongs to PS Module).

Initially the Screen would appear as shown below.



After Implementing User Exits

After implementing the Screen & Menu Exit, the output would be as shown in the below screen.



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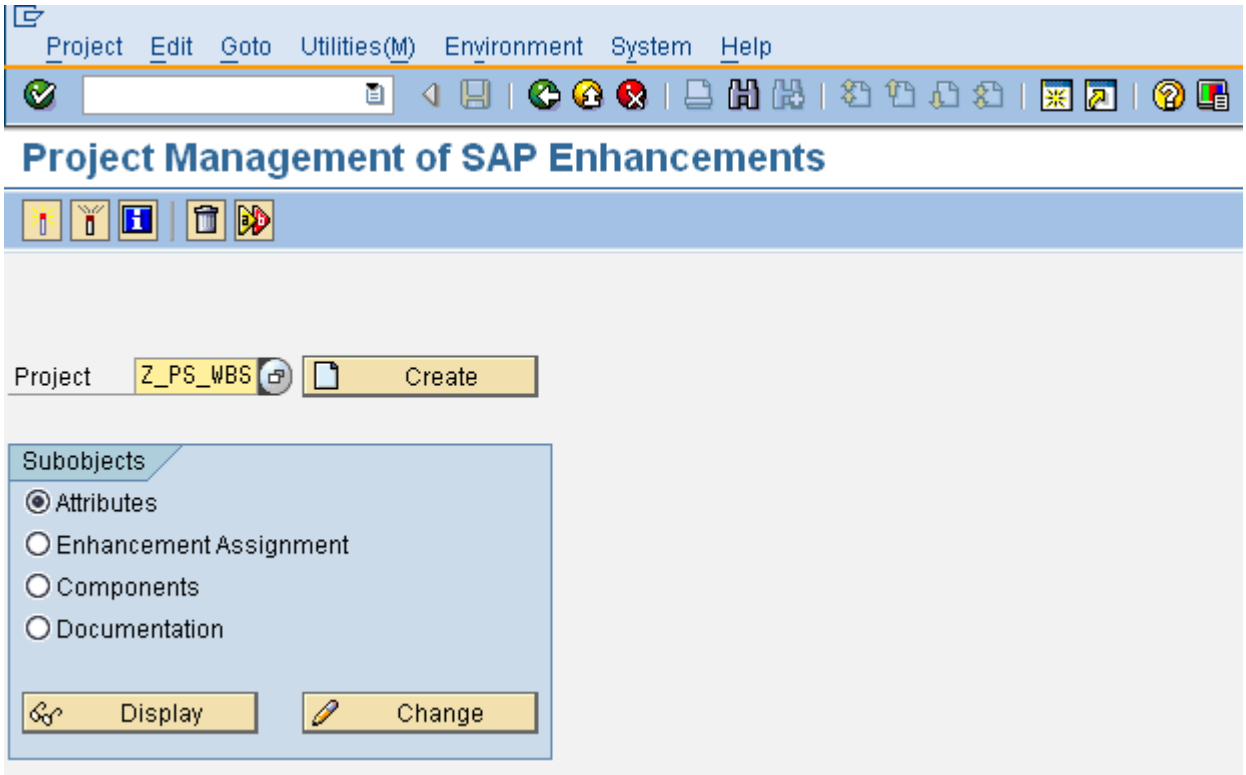
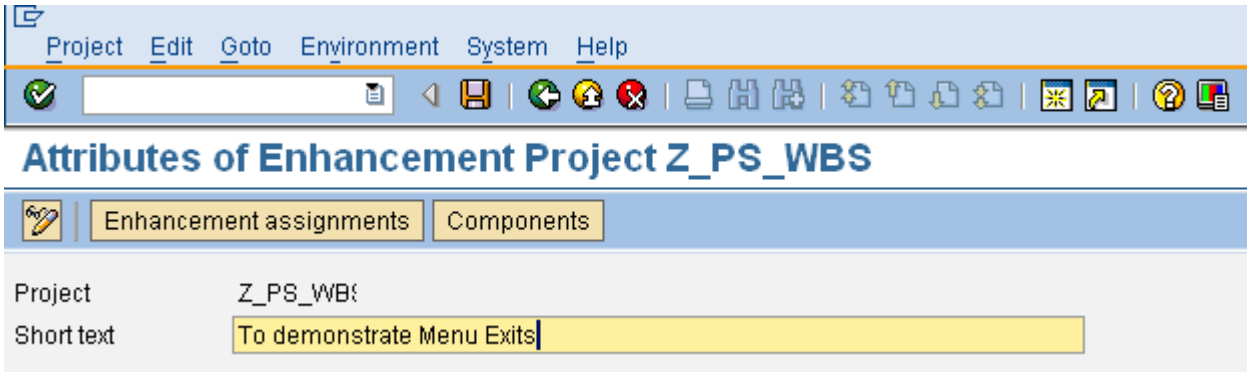
How to Implement Screen Exit and Menu Exit

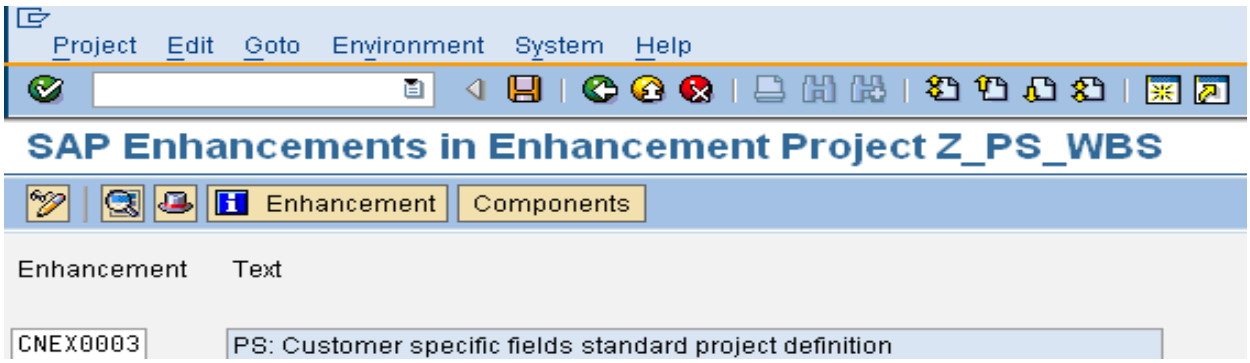
Go to Transaction CMOD. Create a Project



Give Meaningful description to the Project. Then click on Enhancement Assignments.



Click on Components



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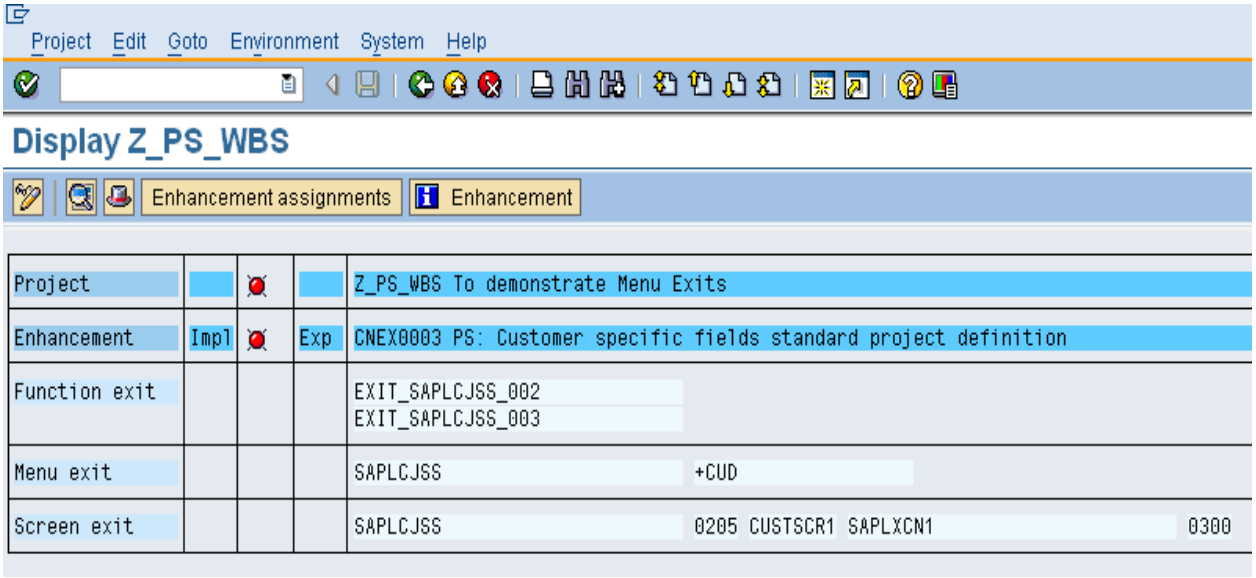

Here Exit

EXIT_SAPLCJSS_002 – acts as PBO

EXIT_SAPLCJSS_003 – acts as PAI

Here Menu Exit

SAPLCJSS +CUD – is used for the description to appear in the menu. “+CUD” acts as Fcode (user command).

Here Screen Exit

SAPLXCN1 0300 - Here we add the screen elements.

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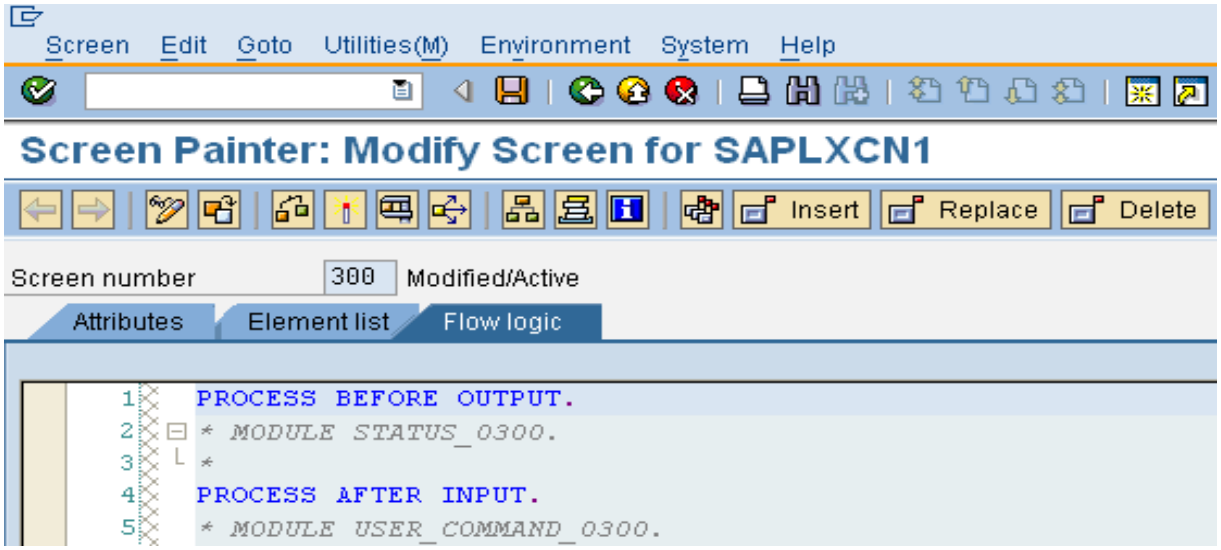
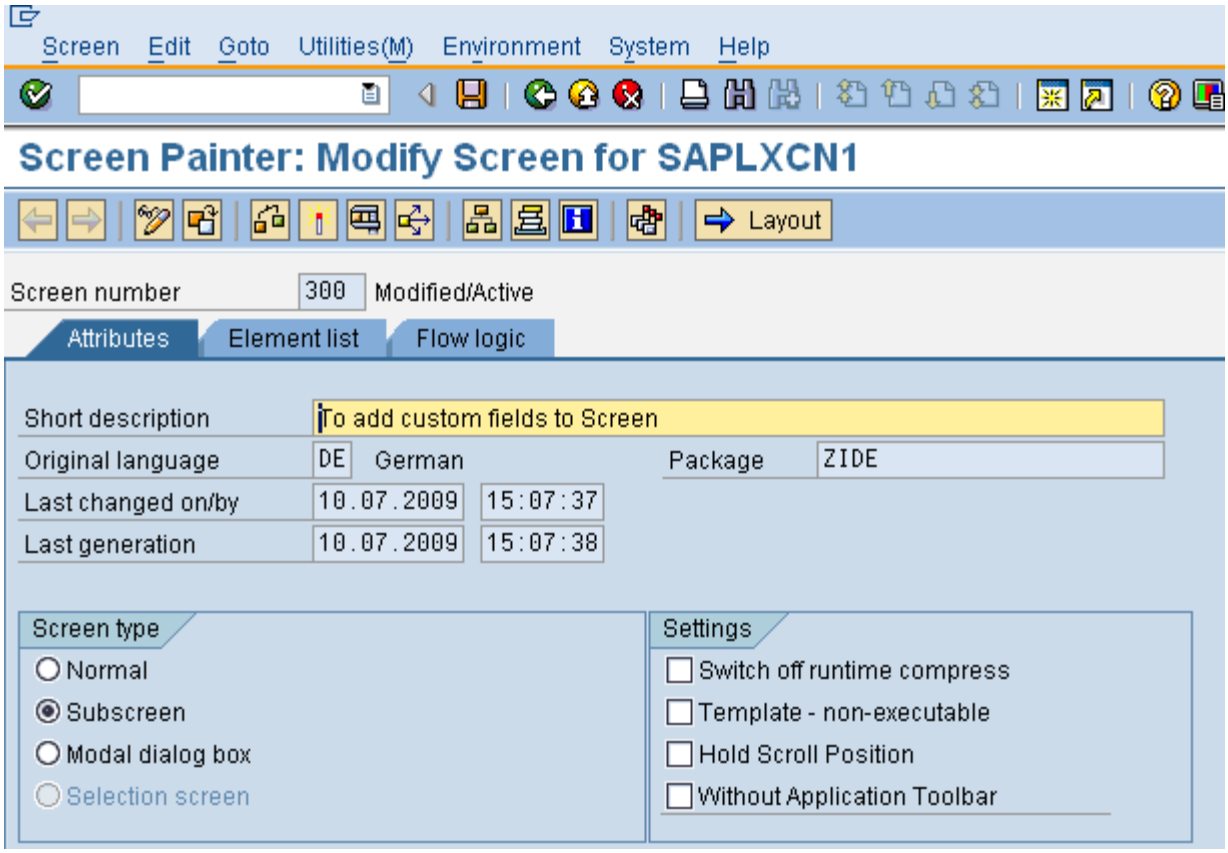
Designing the Screen

Double click on the Screen Exit. Select it as SubScreen.





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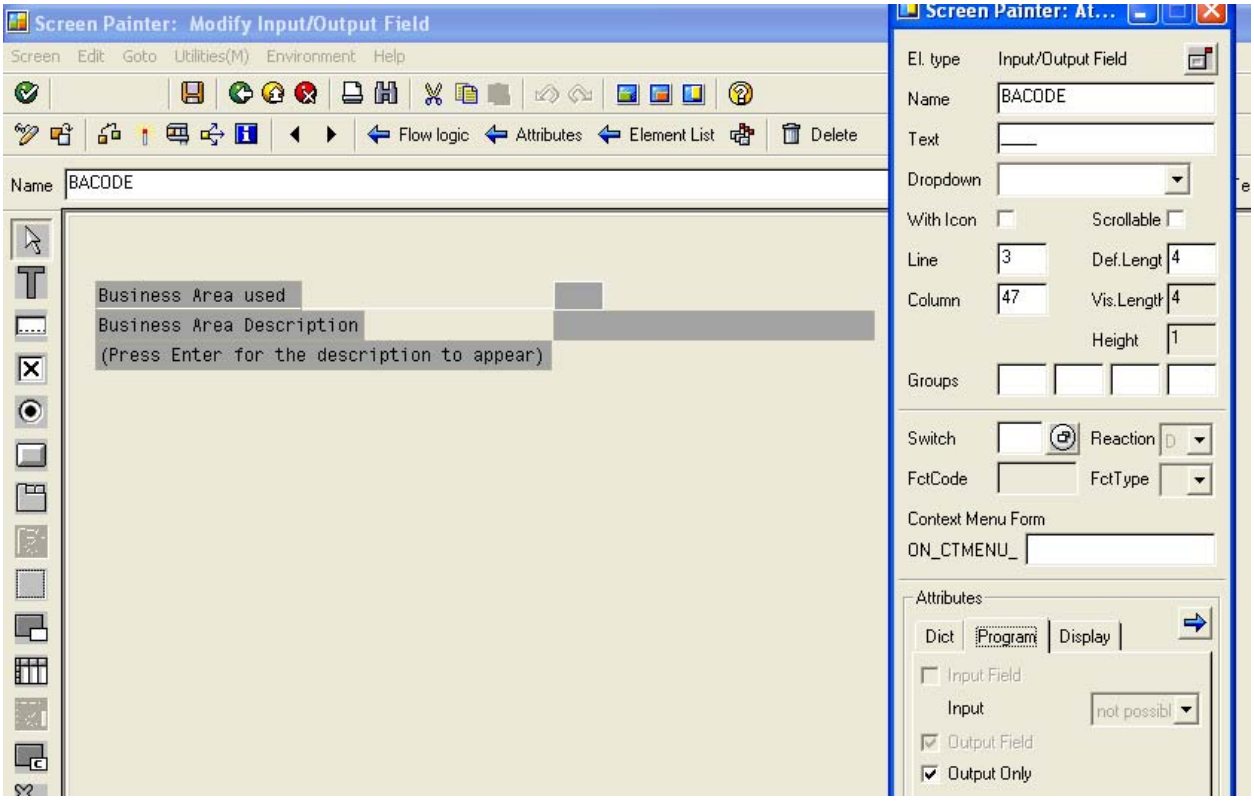
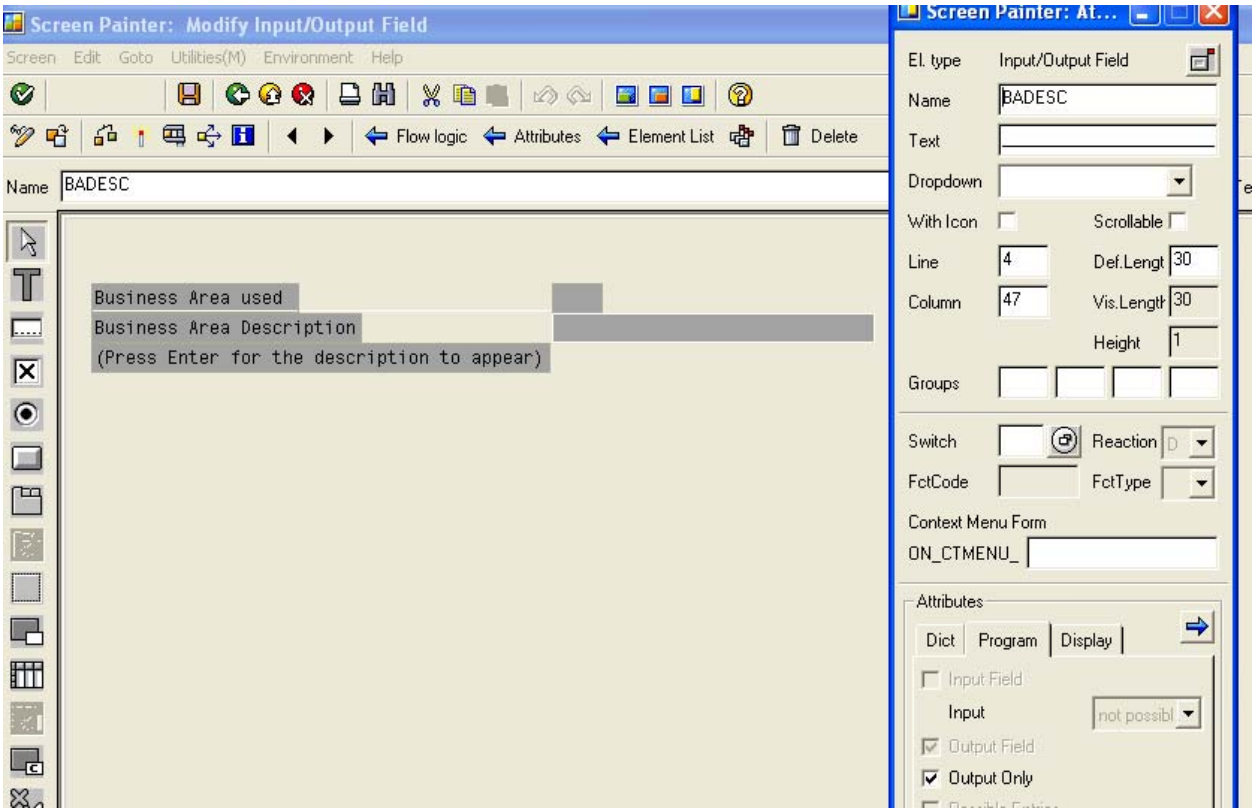
Click on Layout Button





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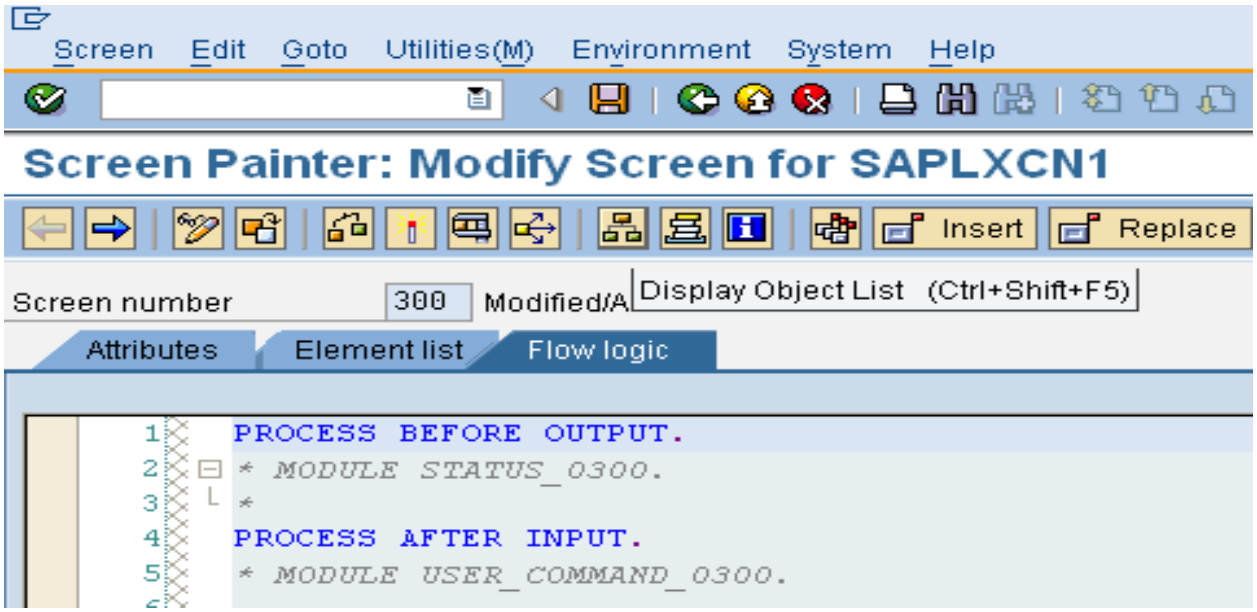
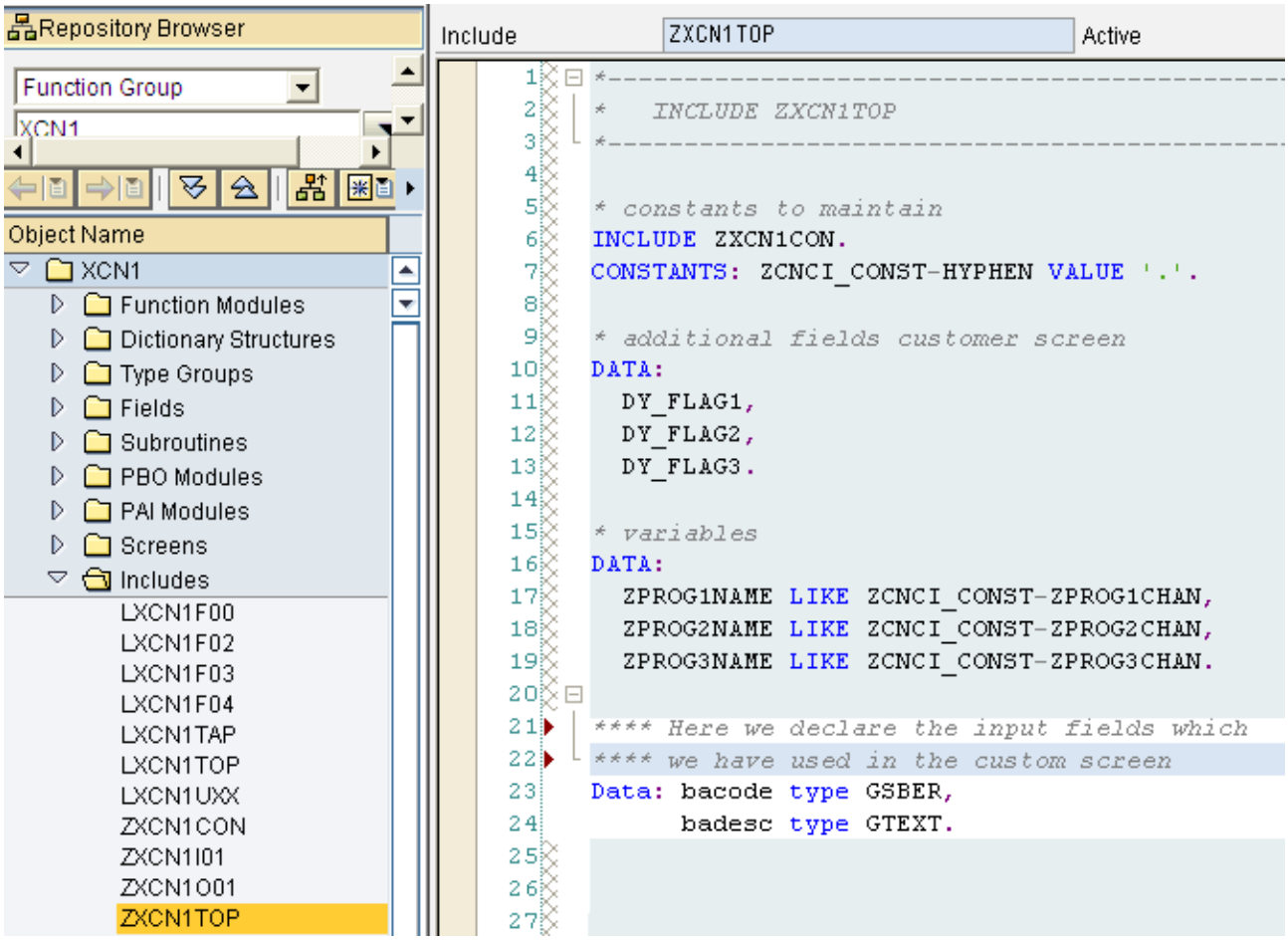
Now we need to declare these screen variables in the z top include.

For this click on display object list button as shown below.



Declare the Screen elements in the ZXCN1TOP include



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PBO in Function Exits

Now we write the code in EXIT_SAPLCJSS_002 which will display the business area .

Double click on the Function exit EXIT_SAPLCJSS_002 and then double click on the include ZXCN1U13.This will create the include program.

ABAP Editor: Change Include ZXCN1U13

Pattern | Pretty Printer

Include ZXCN1U13 Active

```
1  *&---------------------------------------------------------------------*
2  *&  Include           ZXCN1U13
3  *&---------------------------------------------------------------------*
4
5  ****Here the code acts like a PBO.
6  ****Here we fetch the data from Standard screen and
7  ****pass the data to the field input bacode (business area code)
8
9  bacode = SAP_PROJS_IMP-VGSBR.
```

Here SAP_PROJS_IMP is an importing parameter of this function exit, which holds values of the main program.

PAI in Function Exits

Now we write the code in EXIT_SAPLCJSS_003 which will get processed on some action.

Double click on the Function exit EXIT_SAPLCJSS_003 and then double click on the include ZXCN1U16.This will create the include program. Here we fetch the Business area Description from the database table.

Include ZXCN1U16 Active

```
1  *&---------------------------------------------------------------------*
2  *&  Include           ZXCN1U16
3  *&---------------------------------------------------------------------*
4
5  **** Here the code acts as a PAI.
6  **** Here we fetch the business area description from the table and
7  **** pass it to the input field badesc (Business Area Description)
8
9  select single GTEXT from TGSBT into badesc
10         where SPRAS eq syst-LANGU and GSBER eq bacode .
11 if sy-subrc ne 0.
12   message 'Failed to get the Business Area Description' type 'S'.
13 endif.
```


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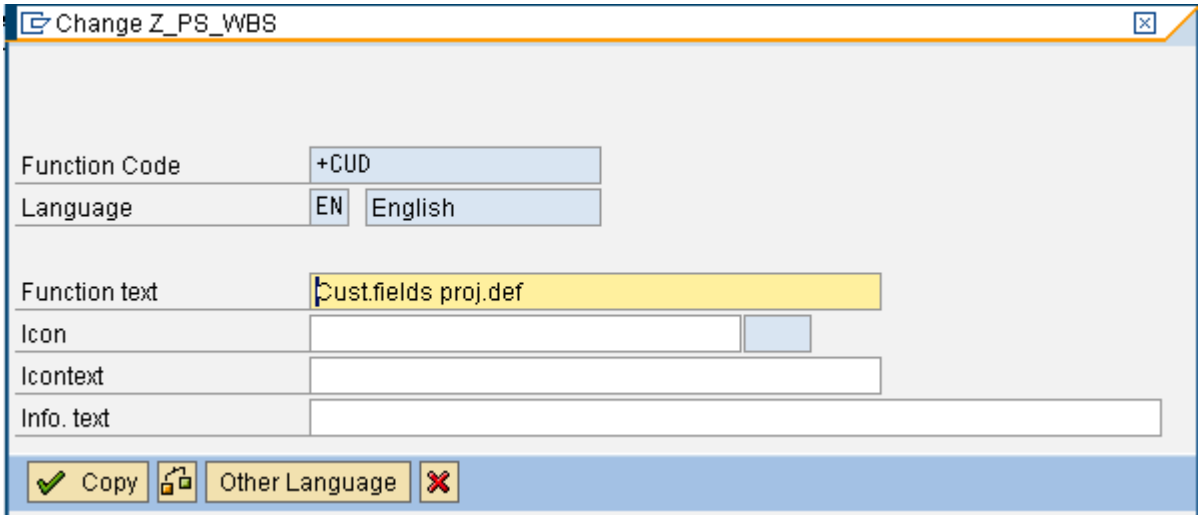
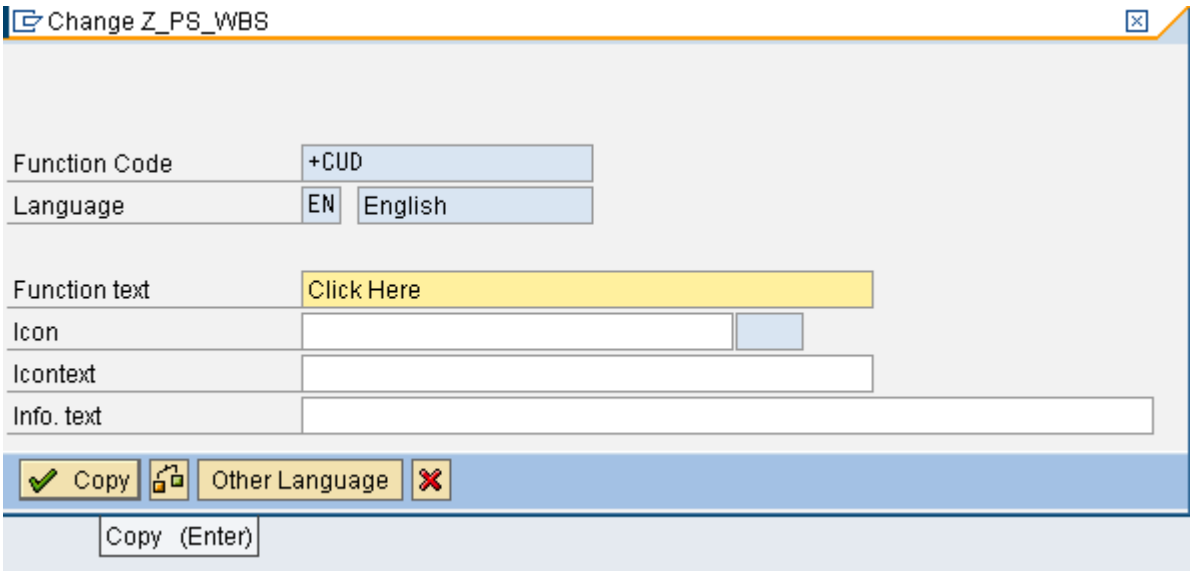
Menu Exit

Now to call this screen. We need Menu Exit.

Double click on the menu exit.



Give the Description which should appear in the menu.



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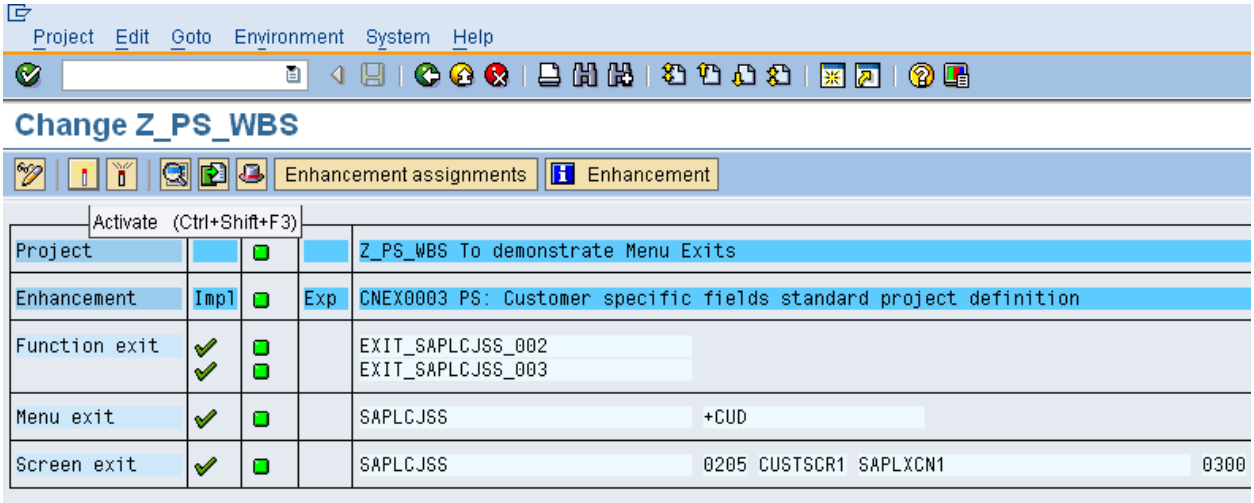
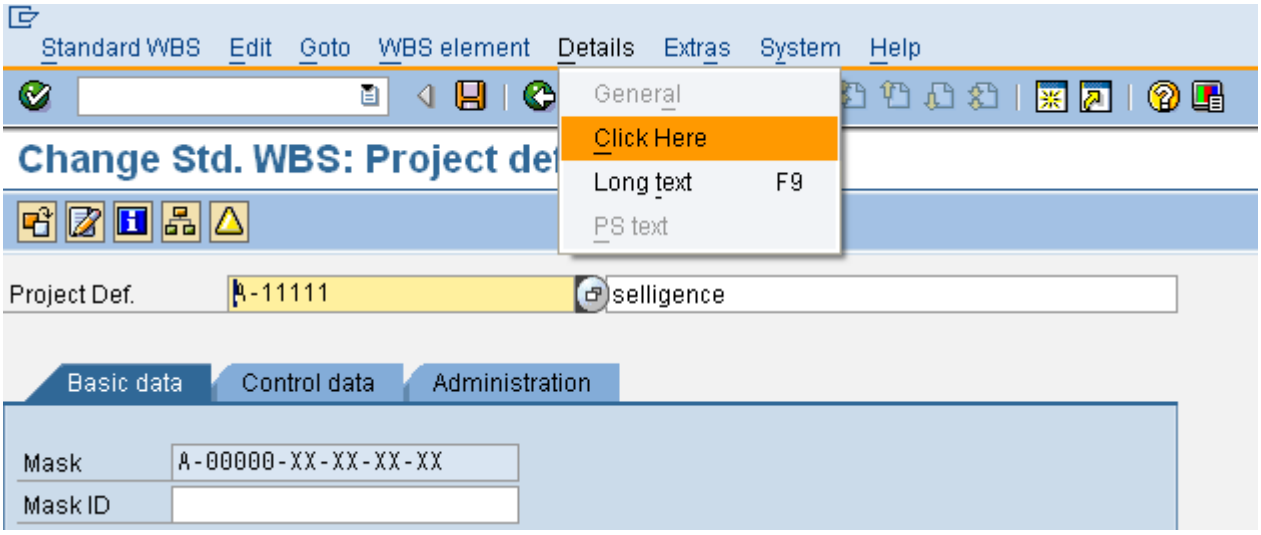
Now activate the project.



Output

Now the output would be as below:

Because of Menu Exit, in the menu a new entry would appear (like 'Click Here') as shown below.



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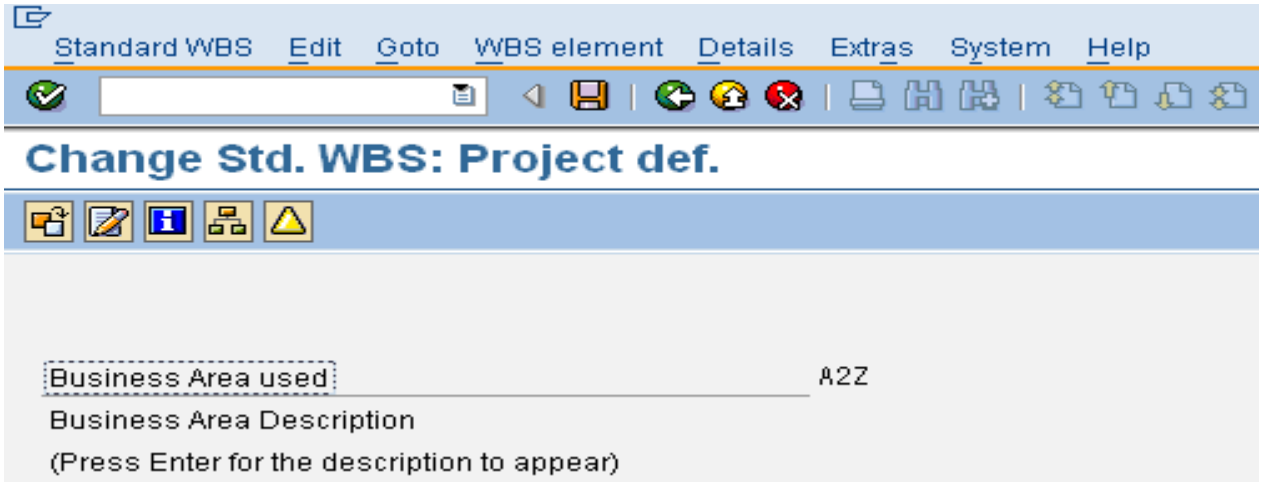
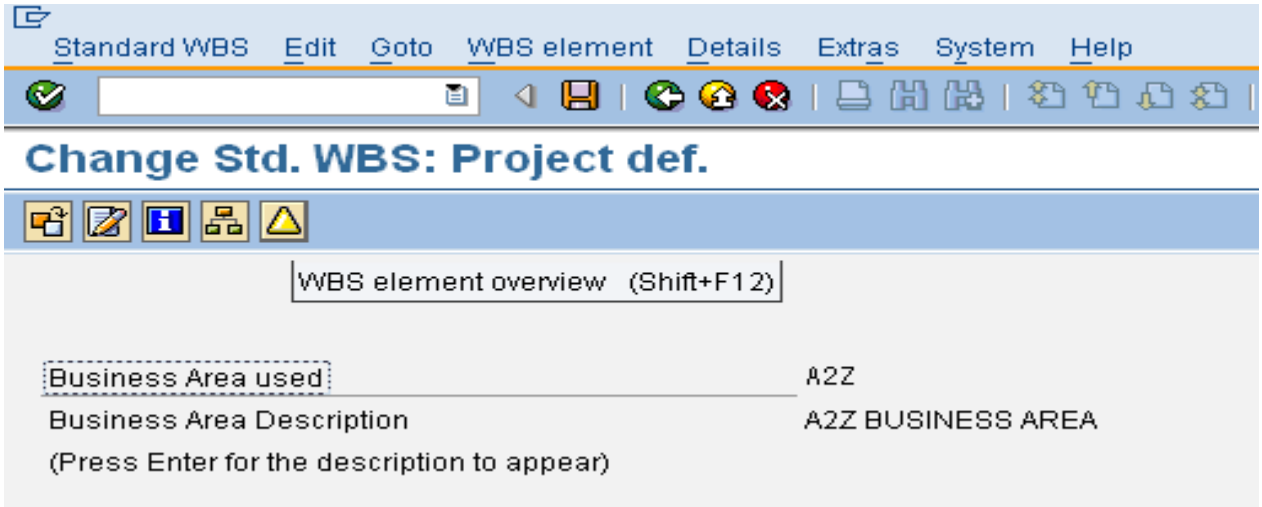
Now a new screen (i.e., our custom screen) would appear. Now the PBO Function exit would get executed and shows the following Screen.



After Pressing Enter, the PAI Function exit would get executed and shows the following Screen. To go back to the main Screen we can press the button WBS Overview Button.



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Related Content

SAP Help Screen & Menu Exits

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