

Creating Customized TCODE for Updating Text in Info Objects



Applies to:

SAP BI 7.0 developers and Reporting Users. For more information, visit the [Business Intelligence homepage](#).

Summary

This article describes the step by step approach for creation of customized TCODE's in SAP-BI which thereafter can be used for maintaining texts for info objects.

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Business Scenario

A major situation in your SAP BI system where you need to give super/pilot users liberty or freedom to maintain texts for certain info objects which are vital to their business. In this case you need not to depend on info package to load text for them but rather give a generic solution to the customer.

Prerequisite

Here we have created ZTCODE for updating text for ZOBJECT. The prerequisites are as:

1. Info object whose text is to be updated
2. Text table for that info object
3. Transport package
4. Function group
5. Users should have sufficient authorization in system for maintaining tables in SE11 or SE16 Transactions. They should have rights to edit table/view contents.

In case prerequisites are not met, you can face errors while running this customized TCODE.

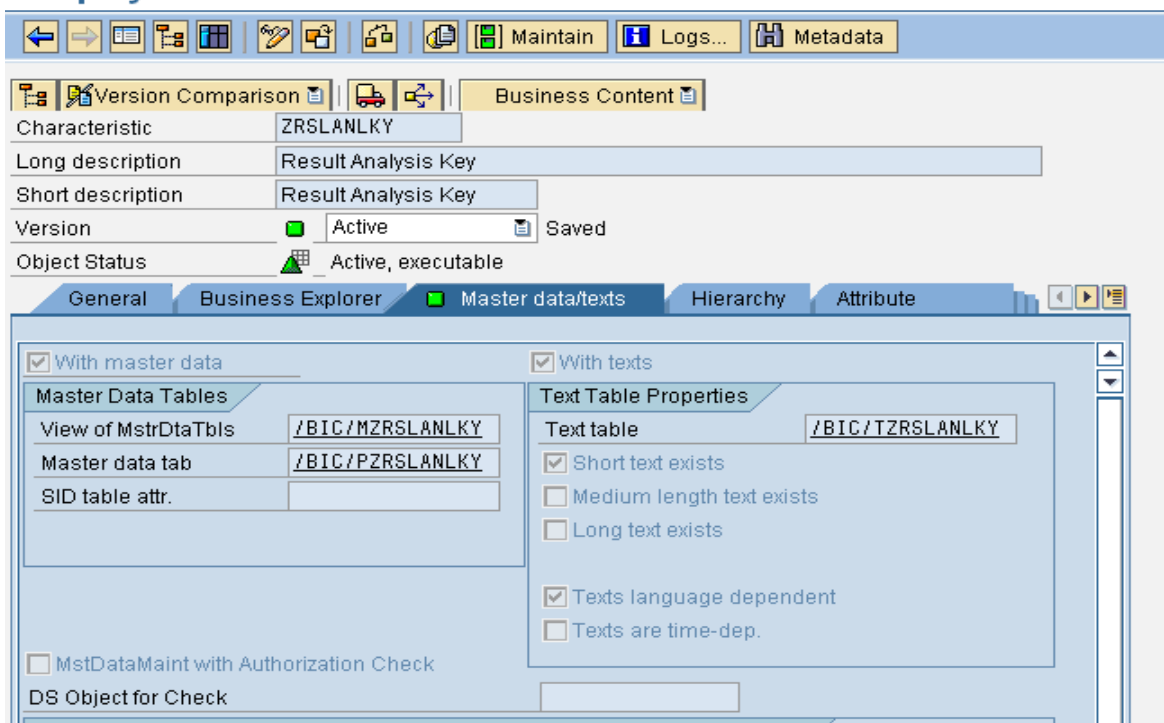
Target Audience

It is meant for BI Developers only.

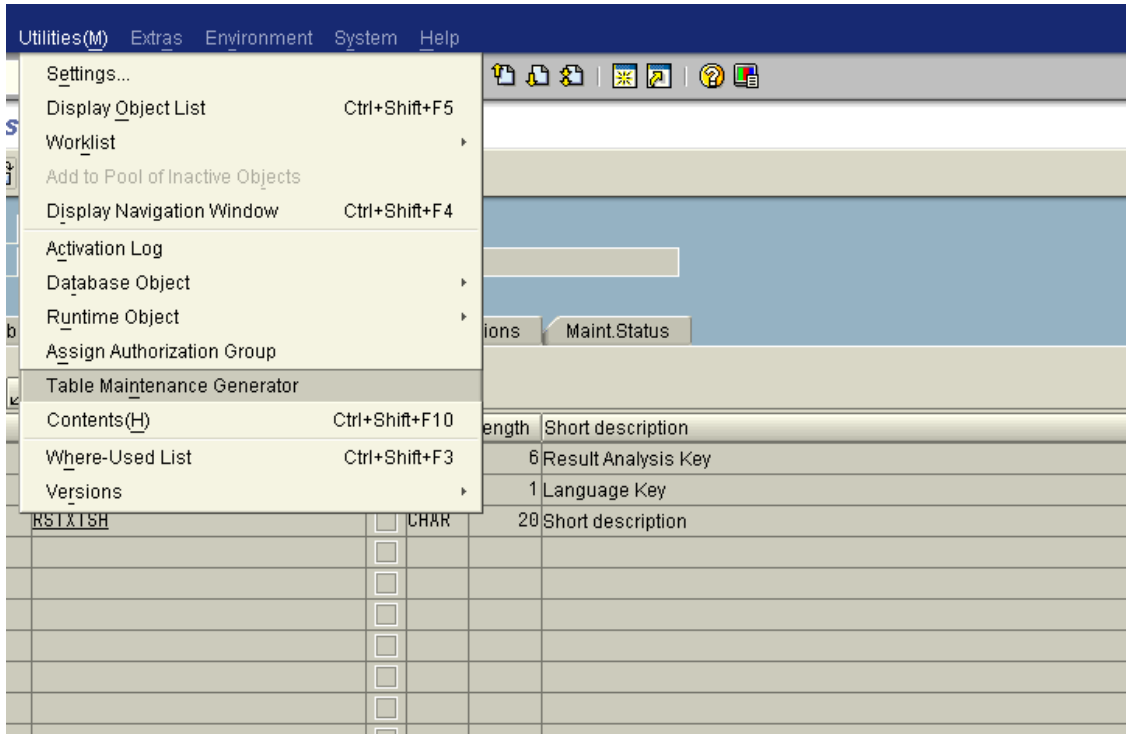
Step by Step Solution to Implement

1. Go to RSA1 and double click on info object and copy the name of text table provided under Master Data/texts tab screen.

Display Characteristic ZRSLANLKY: Details



2. Create view on top of info object's text table by using TCODE SE11.
3. Copy same fields as those mentioned in Text table in the ZVIEW.
4. After Save/ Activation of ZVIEW go to Utilities and Table Maintenance Generator option.



5. Enter the values in the Technical Details as specified below in the screenshot:

Generated Objects Edit Goto Environment Utilities(M) System Help

Display Table Maint.Dialog Generat.: Generation Environment

Source Code

Table/View: ZVIEW_RSLANKY

Technical Dialog Details

Authorization Group: &NC& w/o auth. group

Authorization object: S_TABU_DIS

Function group: ZFUN_BSTRM Fn.Gr.Text

Package: ZBI_R1_PACK_BACKI BI BACKEND

Maintenance Screens

Maintenance type: one step two step

Maint. Screen No. Overview screen: 2222

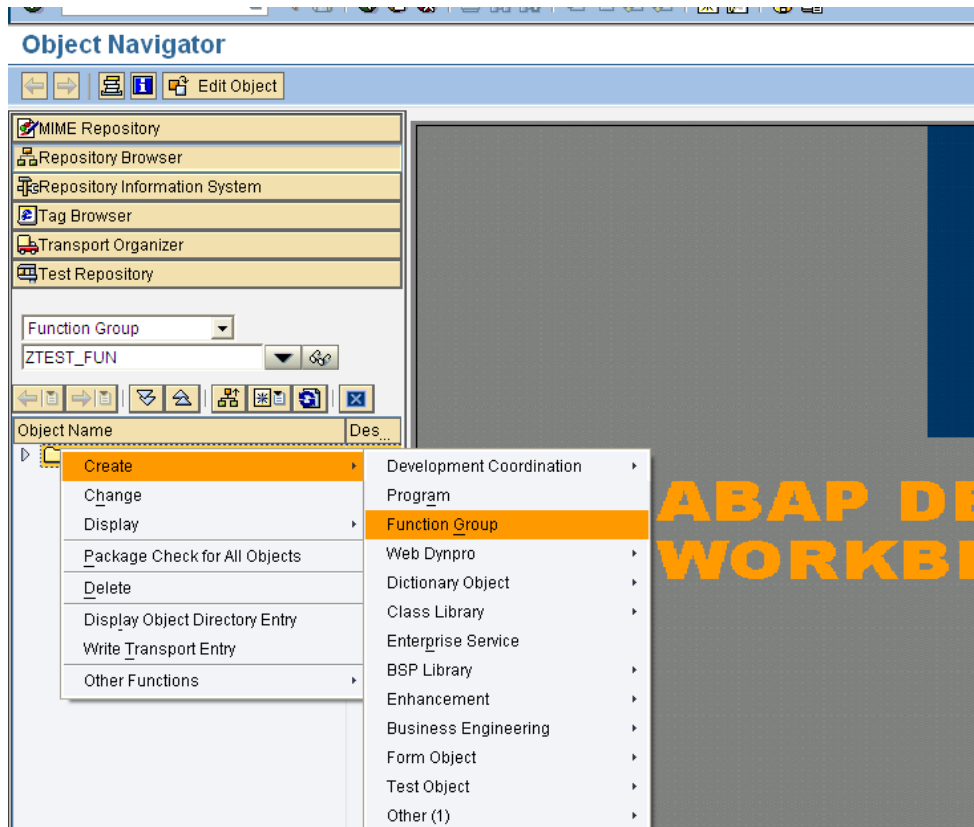
Single screen: 9999

Dialog Data Transport Details

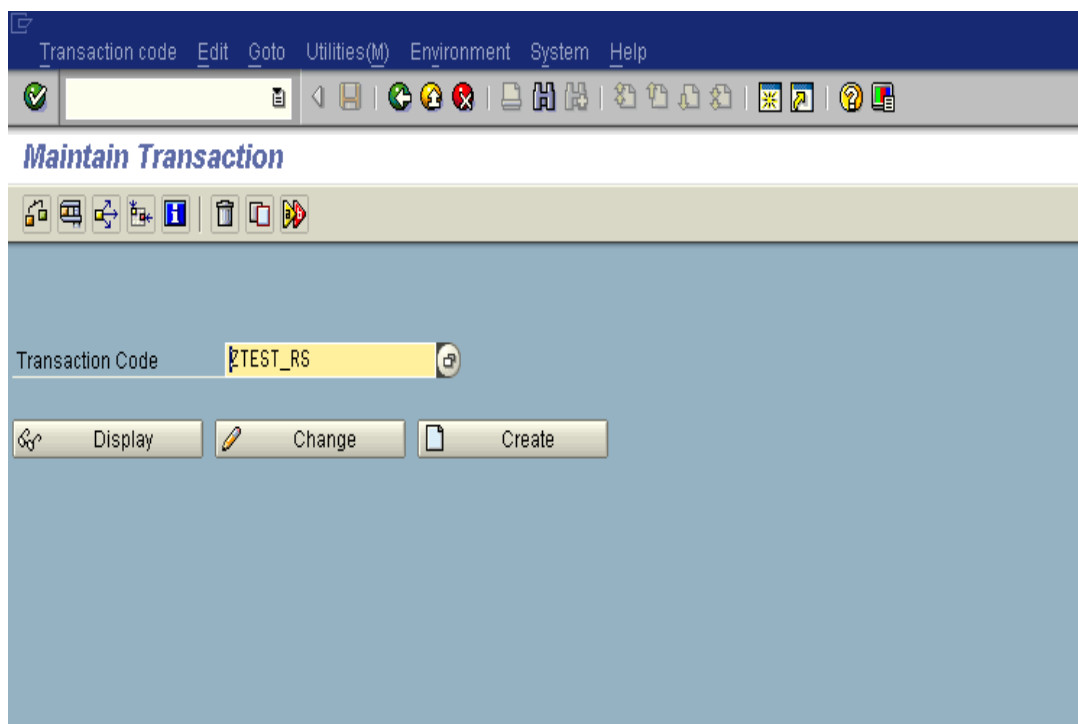
Recording routine: Standard recording routine no, or user, recording routine

Compare Flag: Automatically Adjustable Note

6. Create Functional Group prior to this by using TCODE-SE80:



7. In Step 5 enter Function group as created using TCODE SE80 and Screen Maintenance number as 0000, 1111, 9999 etc.
8. After entering all fields, Click on Create and save entries under specified package and request.
9. Go to TCODE SE93 and create new Z TCODE in our case ZTEST_RS:



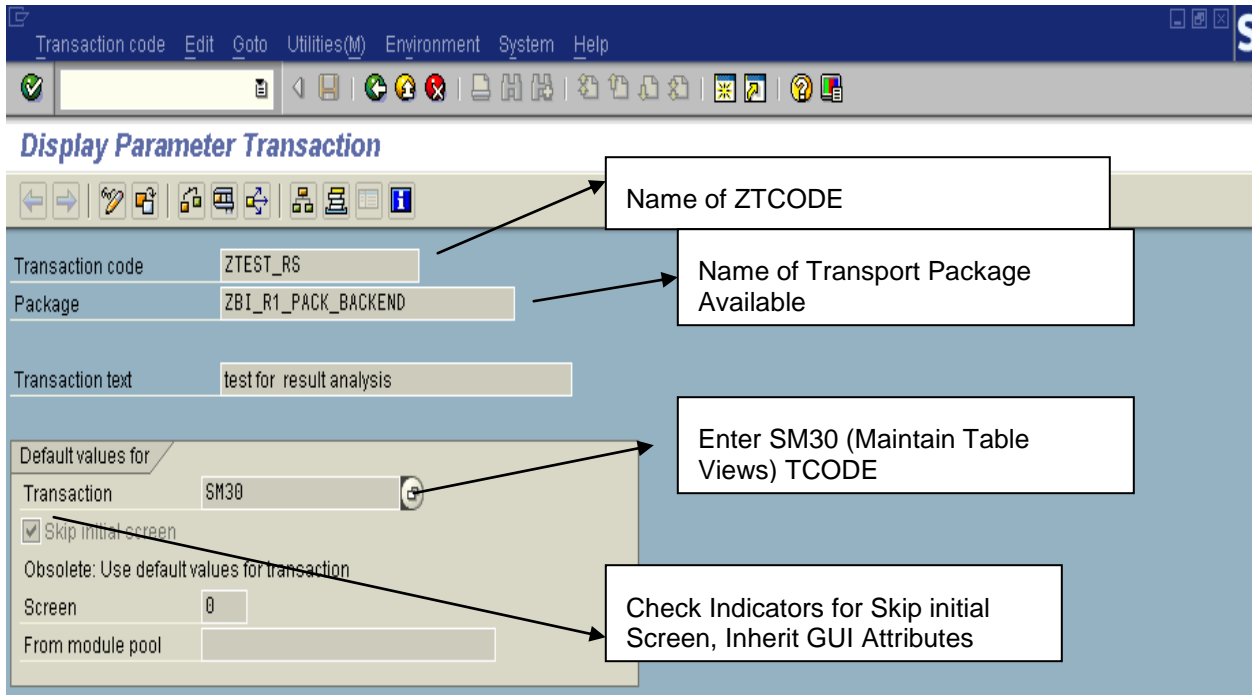
- Click on Create Button and Select Transaction with Parameters (Parameter Transaction) from pop up screen, click on Continue to proceed:

Maintain Transaction

The screenshot shows the 'Maintain Transaction' dialog box in SAP. The dialog is titled 'Create Transaction' and has a close button in the top right corner. It contains the following fields and options:

- Transaction code:** A text field containing the value 'ZTCODE'.
- Transaction attributes:** A section with a tabbed header. It contains a 'Short text' checkbox, which is checked.
- Start object:** A section with a tabbed header containing five radio button options:
 - Program and screen (dialog transaction)
 - Program and selection screen (report transaction)
 - Method of a class (OO transaction)
 - Transaction with variant (variant transaction)
 - Transaction with parameters (parameter transaction)
- Buttons:** At the bottom left, there are two buttons: a green checkmark (OK) and a red 'X' (Cancel).

- Enter Values in the below mentioned fields such as shown below:
 - Transaction as SM30-Maintain Table Views Initial Screen
 - Package: As available in your system
 - Check indicators for: Skip Initial Screen, Inherit GUI attributes



12. In the last section (Default Values), Enter details as follow:

- VIEWNAME: ZVIEW
- UPDATE : X.

Classification

Inherit GUI attributes

Transaction classification

Professional User Transaction

Easy Web Transaction Service

Pervasive enabled

GUI support

SAPGUI for HTML

SAPGUI for Java

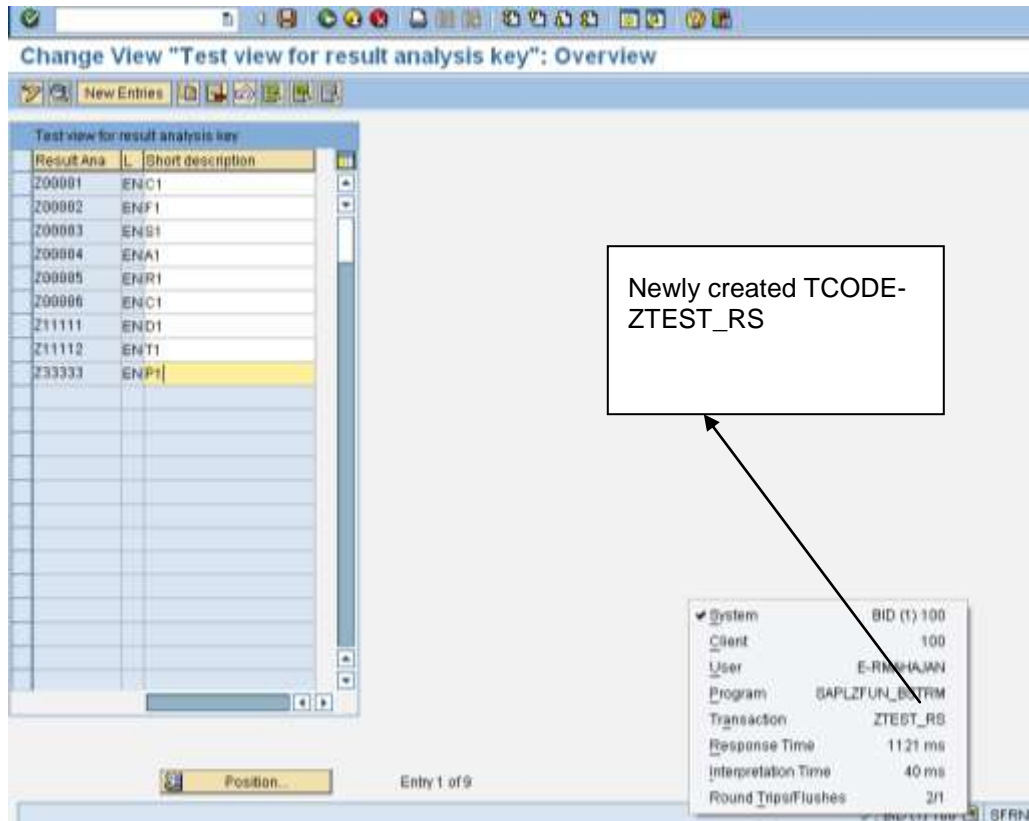
SAPGUI for Windows

Default Values

Name of screen field	Value
VIEWNAME	ZVIEW_RSLANKY
UPDATE	X

Enter **VIEW NAME** as ZVIEW created and enter **UPDATE** as X

- Once all values are filled in this screen, check this for consistency and run this TCODE from SAP command window, it will navigate you to Master/Text data maintenance screen of specific info object as shown below:



14. Now you can add new entry in the text maintenance screen and save it, this will be updated in the text table, you can go to SE16 and compare the table output by mentioning technical name of original info object text table in our case: /BIC/TZRSANLKY.

Advantages

1. It will not require any kind of Data source, Info Package or DTP creation.
2. It will reduce dependency on Process chains.
3. Users will have direct access to change texts at times they require.

Related Content

<http://www.sdn.sap.com>

<http://www.sdn.sap.com/irj/sdn/howtoguides>

<http://www.sdn.sap.com/irj/scn/articles-topic>

For more information, visit the [Business Intelligence homepage](#).

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