

STEPS to use T-CODE SHD0 – TRANSACTION VARIANT

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<http://scn.sap.com/docs/DOC-29078>

Version 1

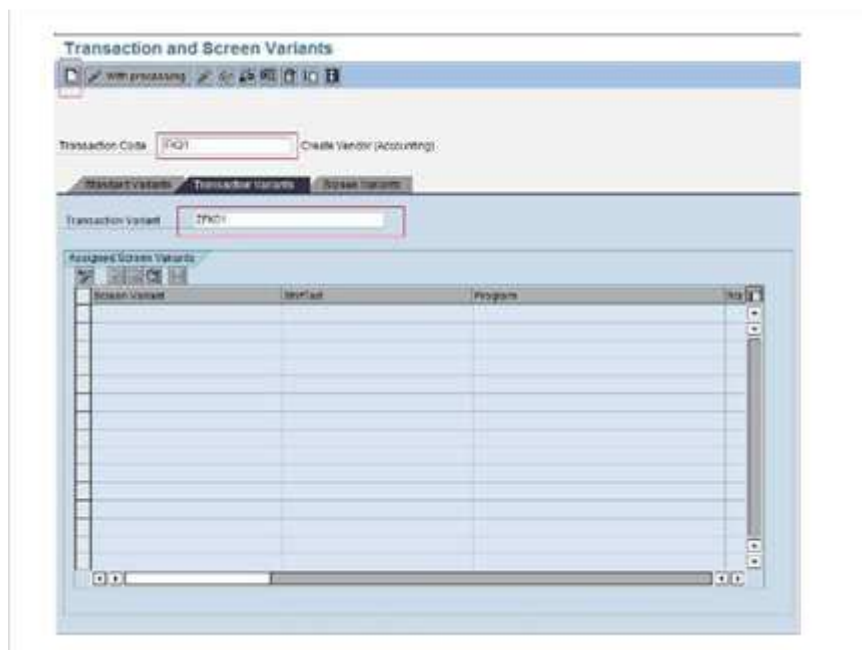
Main purpose of this T-Code is to customise any standard SAP transaction in a minimum time, by which a new version will be created of standard SAP T-code without any actual modification. It can be used in a way that if we don't want any bunch of users to view or enter anything in a particular field then we can do this without going for any customization.

The below Document will give steps for using Transaction Variant for Vendor Master Creation [FK01]:

1. Enter T-Code 'SHD0':

Enter in Transaction Code – FK01


Enter in Transaction Variant – ZFK01 and then on create button



2. In the next screen T-Code FK01 will be opened in recording mode.

Here we are going to hide Reference Vendor Tab, so enter some default value '1800177'.

Then click enter and new pop up screen will be opened.



The screenshot shows the 'Create Vendor: Initial Screen' in SAP. The main form contains the following fields:

| | |
|---------------|------|
| Vendor | |
| Company Code | 1000 |
| Account group | |

Below this is a 'Reference' section, which is highlighted with a blue background. It contains the following fields:

| | |
|--------------|---------|
| Vendor | 1800177 |
| Company code | |

3. In the confirm screen entries, we can choose what we want to do in that screen. Enter screen variant short txt as 'Testing' and tick on Invisible Tab to hide Reference Vendor from the screen.

Then Click on Menu Functions.

Confirm Screen Entries

Screen values 0105 Program SAPMF02K

☒ Copy settings Name of screen variant: ZFK01_0105 ☐ GetXT scrip
☐ Do not display screen Screen variant short text: Testing

| Field | Contents | W. content | Output only | Invisible | Required |
|--------------------|----------|--------------------------|--------------------------|-------------------------------------|--------------------------|
| Vendor | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| LFA1-NAME1 (Text) | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Company Code | 1000 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| T001-BUTXT (Text) | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Account group | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| T077Y-TXT30 (Text) | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Reference (Border) | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Vendor | 1000177 | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| YLFA1-NAME1 (Text) | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Company code | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| *T001-BUTXT (Text) | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

☒ Exit and Save ☐ Menu functions ☐ GetXT ☐ ☐ ☐

4. After clicking on 'Menu Functions' tab, a screen will be opened, in that select Vendor → EANZ (Display) and then De-activate button. This will now be deactivated and it will be in yellow. Now Click on Enter Tab.

Change Interface Variant

STRT Initial Screens: Create, Change, Display

Menu Bar Initial Screens: Create,

Vendor

| | |
|-------|-------------------|
| EANL | Create |
| EAEN | Change |
| EAENZ | Display |
| ESPE | Block/unblock |
| EL0E | Mark for deletion |
| ECON | Confirm change |
| EF15 | Exit |

Edit

Goto

Extras

Environment

Function Key Setting

5. After above step on confirmation, click on 'Exit and Save' Tab.

Confirm Screen Entries

Screen values: 0105 Program SAPMF02K

☒ Copy settings Name of screen variant: ZFK01_0105 ☐ GuiXT scrip
☐ Do not display screen Screen variant short txt: Testing

| Field | Contents | W. content | Output only | Invisible | Required |
|--------------------|----------|--------------------------|--------------------------|--------------------------|--------------------------|
| Vendor | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| LFA1-NAME1 (Text) | 1000 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Company Code | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| T001-BUTXT (Text) | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Account group | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| T077Y-TXT30 (Text) | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Reference (Border) | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Vendor | 1000177 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| YLFA1-NAME1 (Text) | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Company code | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| *T001-BUTXT (Text) | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

☒ Exit and Save 5 Menu functions GuiXT

6. Now system will ask for saving the Transaction Variant. It has to be saved in either a New Request of can be saved as 'Local Object'.

Change transaction variant

Transaction: FK01
Variant: ZFK01
Created: 08.11.2012 20:45
Change: 08.11.2012 20:45
Short text:

Screen values: 0105 Program SAPMF02K

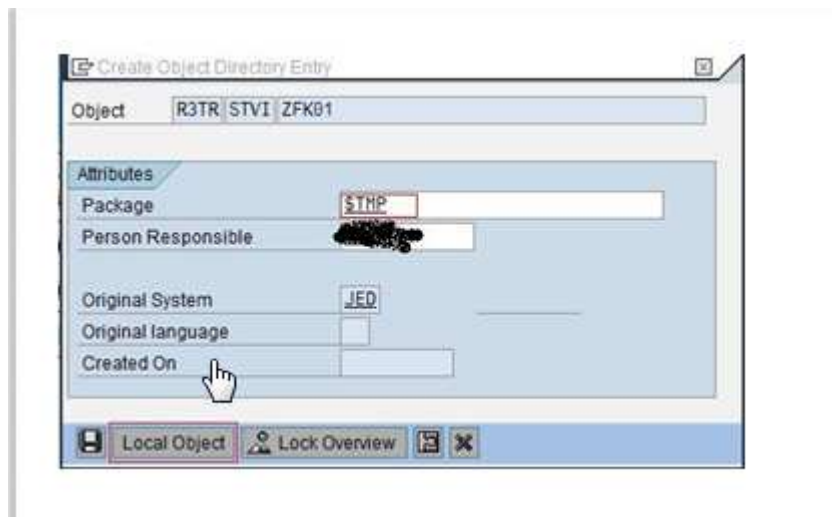
☒ Copy settings Name of screen variant: ZFK01_0105 ☐ GuiXT scrip
☐ Do not display screen Screen variant short txt: Testing

| Field | Contents | W. content | Output only | Invisible | Required | Technical name |
|---------------------------------|----------|--------------------------|--------------------------|--------------------------|--------------------------|------------------|
| Vendor | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | AP00K-1-EPUR |
| LFA1-NAME1 (Text) | 1000 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | YLFA1-NAME1 |
| Company Code | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | AP00K-BUKRS |
| T001-BUTXT (Text) | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | T001-BUTXT |
| Account group | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | AP00K-AS00K |
| T077Y-TXT30 (Text) | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | T077Y-TXT30 |
| Reference (Border) | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | T001L1 |
| Vendor | 1000177 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | AP00K-APP-1-TPUR |
| YLFA1-NAME1 (Text) | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | YLFA1-NAME1 |
| Company code | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | AP00K-APP-BUKRS |
| *T001-BUTXT (Text) | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | *T001-BUTXT |
| Job control address (Short key) | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | JOB_PPR |

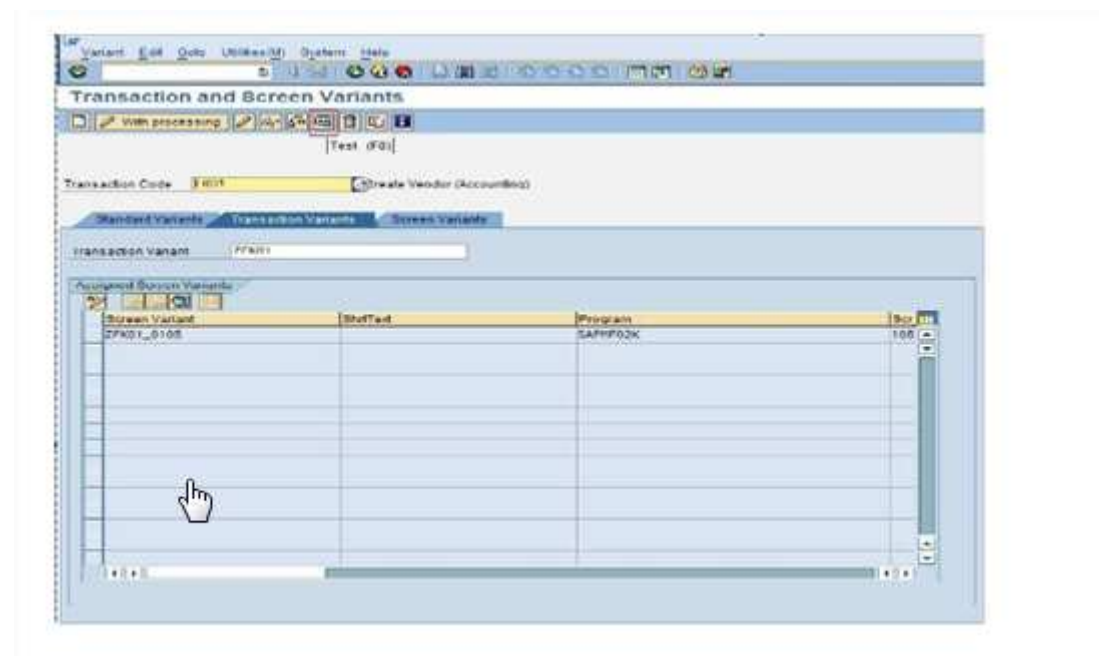
Desired Functions:

GUI status: START Program SAPMF02K

| Function code | For status | For classification | Delete |
|---------------|-------------------------------------|--------------------------|--------------------------|
| Display | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |



7. We can now test the transaction Variant in the Initial Screen by Clicking on 'Test' Button.



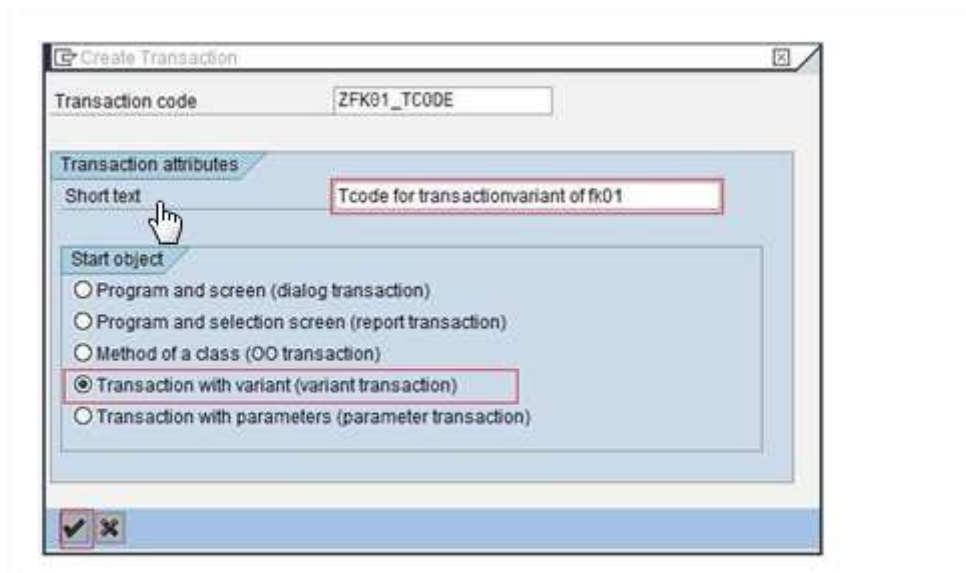
Assigning Transaction Variant of Transaction Code:

1. Run T-Code 'SE93'. Enter Transaction Code – 'ZFK01_tcode' and Click on 'Create' Tab.



The screenshot shows the 'Maintain Transaction' SAP screen. At the top, there is a title bar 'Maintain Transaction' and a toolbar with icons for navigation and actions. Below the toolbar, the 'Transaction Code' field is populated with 'ZFK01_TC00E'. At the bottom of the screen, there are three buttons: 'Display', 'Change', and 'Create'. The 'Create' button is highlighted with a red box.

2. In next screen enter short text and select Radio Button of 'Transaction with variant (variant transaction)' and click on Enter.



The screenshot shows the 'Create Transaction' SAP screen. The 'Transaction code' field is populated with 'ZFK01_TC00E'. Below this, there is a section titled 'Transaction attributes'. Under 'Short text', the text 'Tcode for transactionvariant of fk01' is entered. Under 'Start object', the radio button for 'Transaction with variant (variant transaction)' is selected and highlighted with a red box. At the bottom left, there are checkmark and cross icons.

3. In next screen, enter text in 'Transaction' & 'Transaction Variant' field.

| | |
|---------------------|--|
| Transaction code | ZFK01_TCODE |
| Package | \$TMP |
| Transaction text | Tcode for transactionvariant of fk01 |
| Transaction | FK01 |
| Transaction variant | ZFK01 |
| | <input checked="" type="checkbox"/> Cross-client |

Classification
☒ Inherit GUI attributes

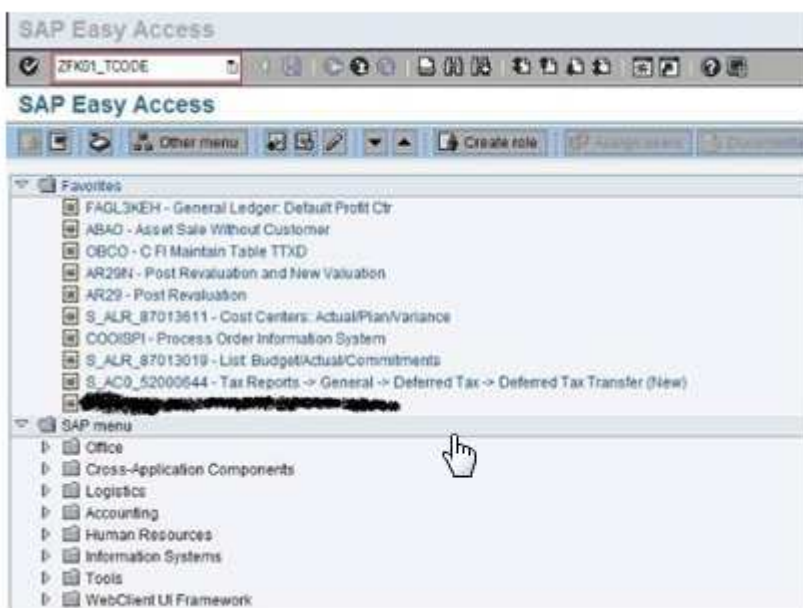
Transaction classification

- ☒ Professional User Transaction
- ☐ Easy Web Transaction
- ☐ Pervasive enabled

GUI support

- ☒ SAPGUI for HTML
- ☒ SAPGUI for Java
- ☒ SAPGUI for Windows

By this now a new Transaction Code – 'ZFK01_TCODE' is available with Reference → Vendor Field as Invisible.



Create Vendor: Initial Screen

Vendor

Company Code

Account group

Reference

Company code

We can see from above that Reference → Vendor field is Invisible and a default Vendor is selected.