

SDN Community Contribution

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Summary

CATT (Computer Aided Test Tool) is completely integrated in the ABAP workbench. This tool is used to upload master data. Since the CATT tool sends data to the SAP system through the user interface, the test data causes real database update.

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Company: Wipro Technologies

Date: 15 June 2005

Procedure

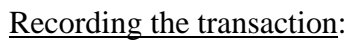
Procedure to upload data using CATT is as follows:

Creation of the CATT test case

- Recording the transaction with sample data
- Download the source file template.
- Modifications of the source file.
- Upload of the data from the source file.

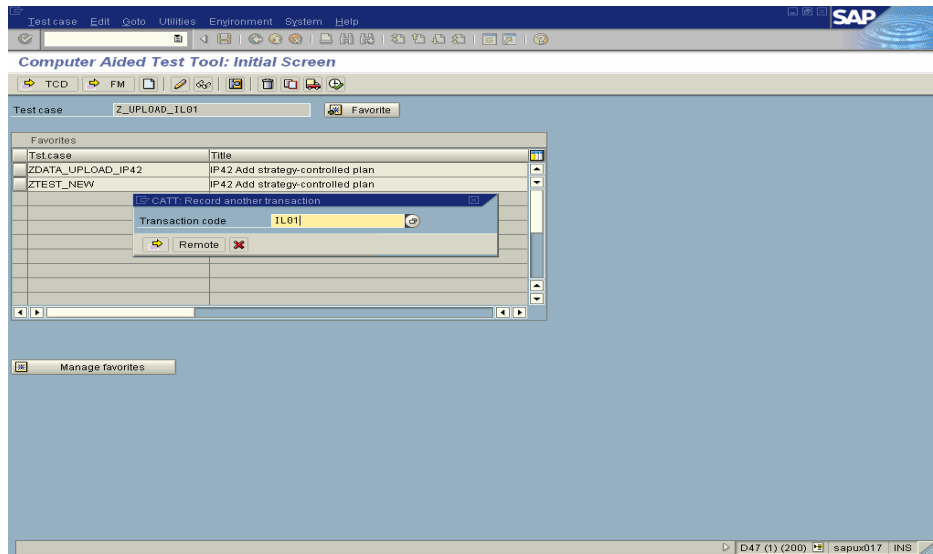
Creation of CATT test case:

- Execute transaction SCAT.



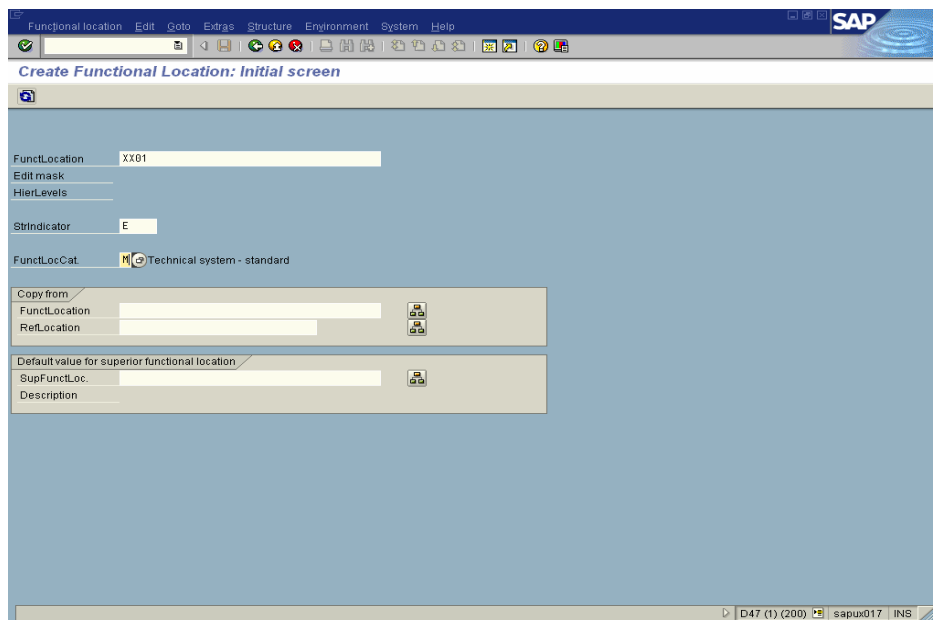
- [illegible]

- © 2005 SAP AG

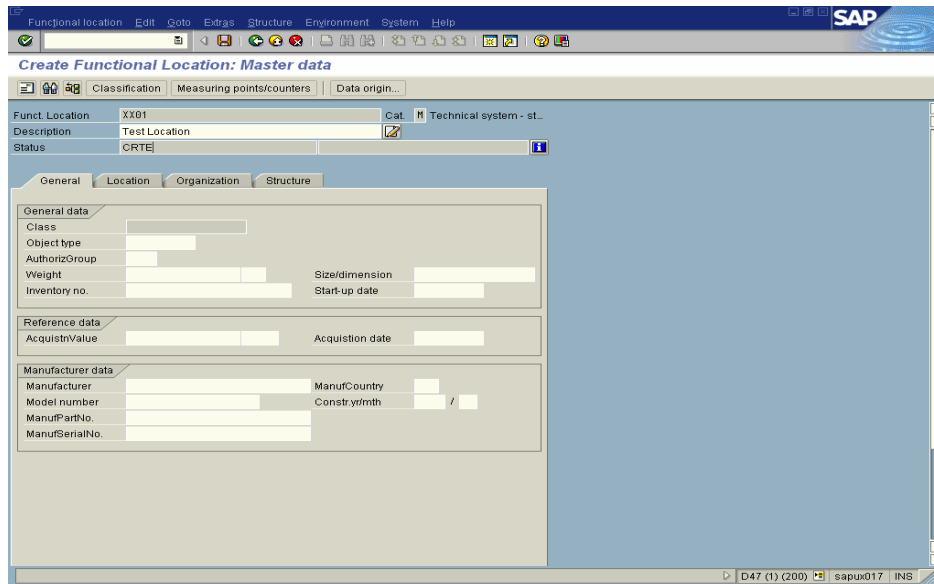


- Continue recording the transaction. Ensure data is entered into every field that is to be used during the upload.

Create Functional location: Initial Screen



Create Functional location: Master Data (General Tab)

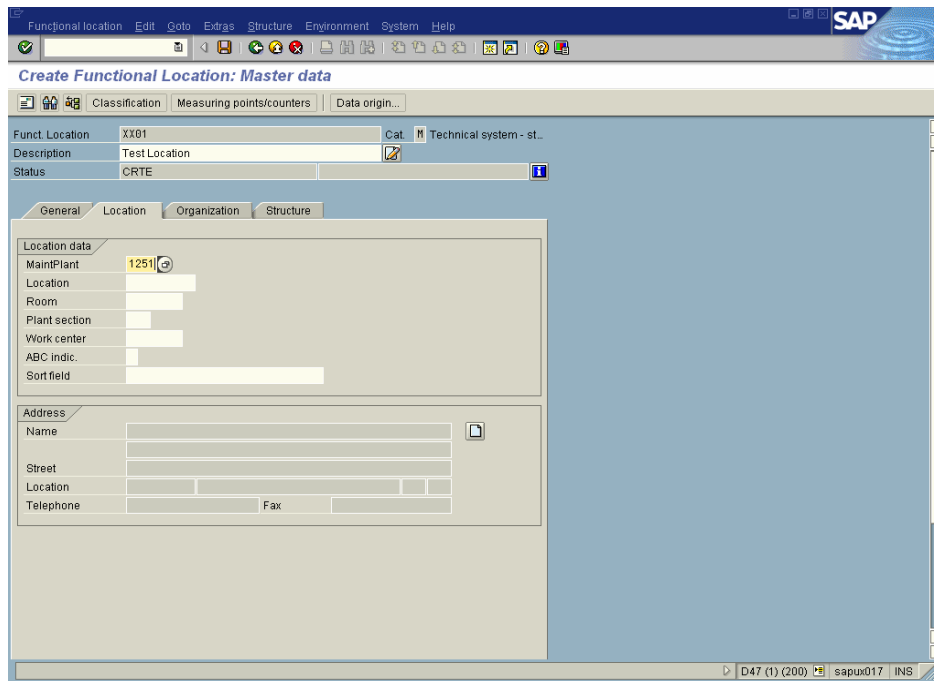


This screenshot shows the 'Create Functional Location: Master data' window in SAP, with the 'General' tab selected. The window title is 'Functional location' and the menu bar includes 'Edit', 'Goto', 'Extras', 'Structure', 'Environment', 'System', and 'Help'. The 'Classification' tab is also visible. The 'Measuring points/counters' and 'Data origin...' tabs are also present. The 'General' tab contains the following fields:

- General data:**
 - Class:
 - Object type:
 - AuthorizGroup:
 - Weight:
 - Inventory no.:
 - Size/dimension:
 - Start-up date:
- Reference data:**
 - AcquistnValue:
 - Acquisition date:
- Manufacturer data:**
 - Manufacturer:
 - Model number:
 - ManufPartNo.:
 - ManufSerialNo.:
 - ManufCountry:
 - Constryrnmth:

The status bar at the bottom shows 'D47 (1) (200)' and 'sapux017 INS'.

Create Functional location: Master Data (Location Tab)



This screenshot shows the 'Create Functional Location: Master data' window in SAP, with the 'Location' tab selected. The window title is 'Functional location' and the menu bar includes 'Edit', 'Goto', 'Extras', 'Structure', 'Environment', 'System', and 'Help'. The 'Classification' tab is also visible. The 'Measuring points/counters' and 'Data origin...' tabs are also present. The 'Location' tab contains the following fields:

- Location data:**
 - MaintPlant:
 - Location:
 - Room:
 - Plant section:
 - Work center:
 - ABC indic.:
 - Sort field:
- Address:**
 - Name:
 - Street:
 - Location:
 - Telephone:
 - Fax:

The status bar at the bottom shows 'D47 (1) (200)' and 'sapux017 INS'.

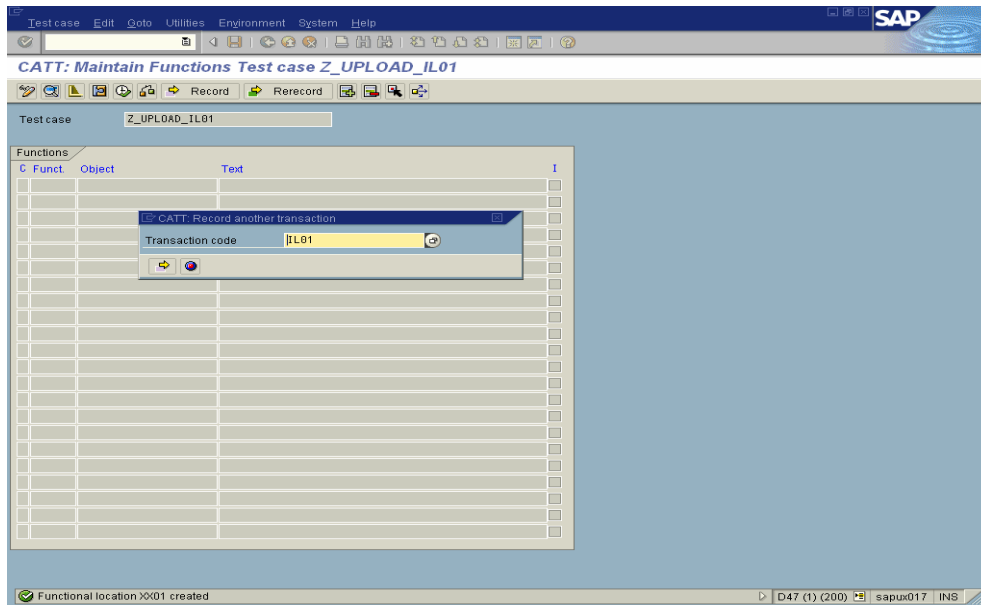
Create Functional location: Master Data (Organization Tab)

The screenshot shows the 'Create Functional Location: Master data' dialog in SAP. The 'General' tab is active. The 'Funct. Location' is 'XX01', 'Cat.' is 'M', and 'Description' is 'Test Location'. The 'Status' is 'CRTE'. Below the tabs, there are two main sections: 'Account assignment' and 'Responsibilities'. The 'Account assignment' section includes fields for 'Company Code' (1214), 'Business Area', 'Asset', 'Cost Center' (C100), 'WBS Element', 'StandgOrder', and 'SettlementOrder'. The 'Responsibilities' section includes 'Planning plant' (1251), 'Planner group', 'Main WorkCtr' (pa-test), and 'Catalog profile'.

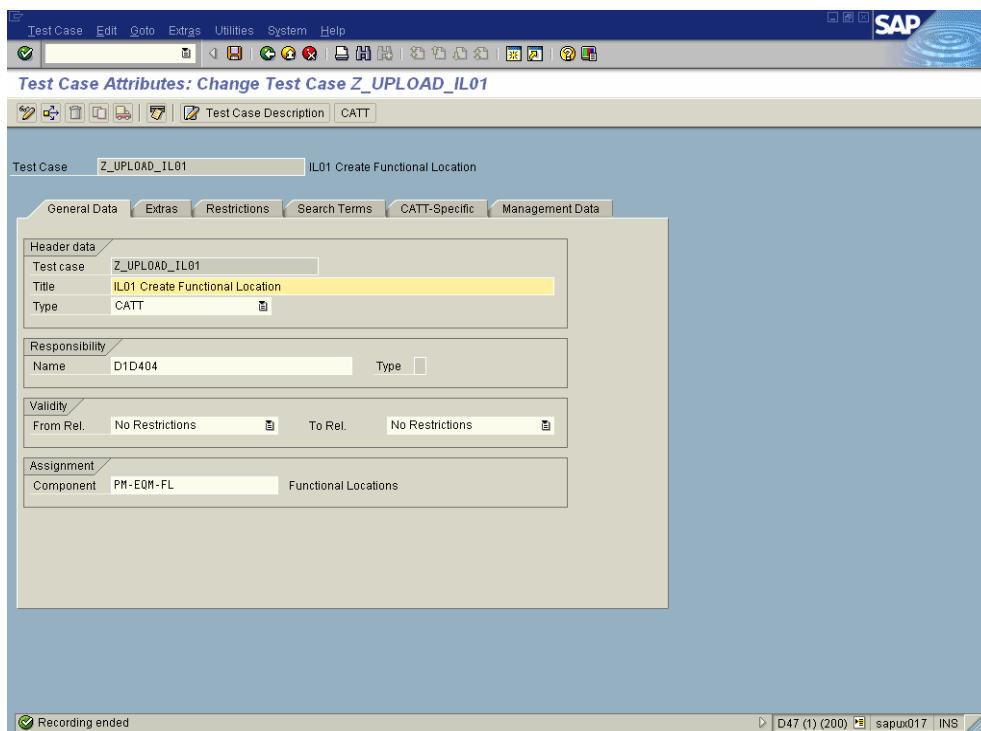
Create Functional location: Master Data (Structure Tab)

The screenshot shows the same SAP dialog, but with the 'Structure' tab active. The 'Structuring' section includes 'StrIndicator' (E), 'SupFunctLoc.', 'Description', 'Position', 'RefLocation', and 'Description'. There are checkboxes for 'Equip-Installation allowed' (checked) and 'Single installation'. Below this is the 'Equipment' section, which is a table with columns: Pos., Equipment, Sb-Eq, Description, EqmtType, Mfr, and Mc. The table is currently empty.

- Click on “End recording” button to come back to the test case.



- Save the test case.

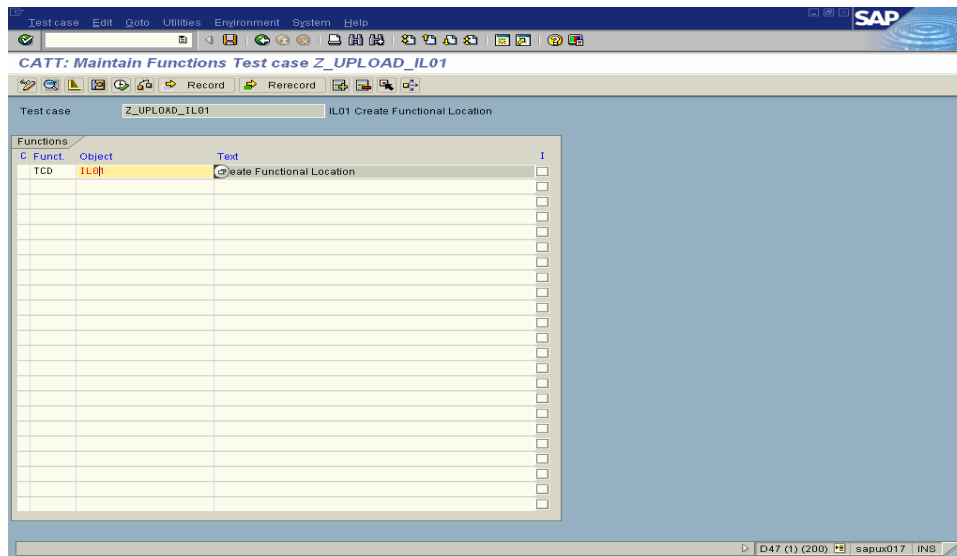


Download the source file template:

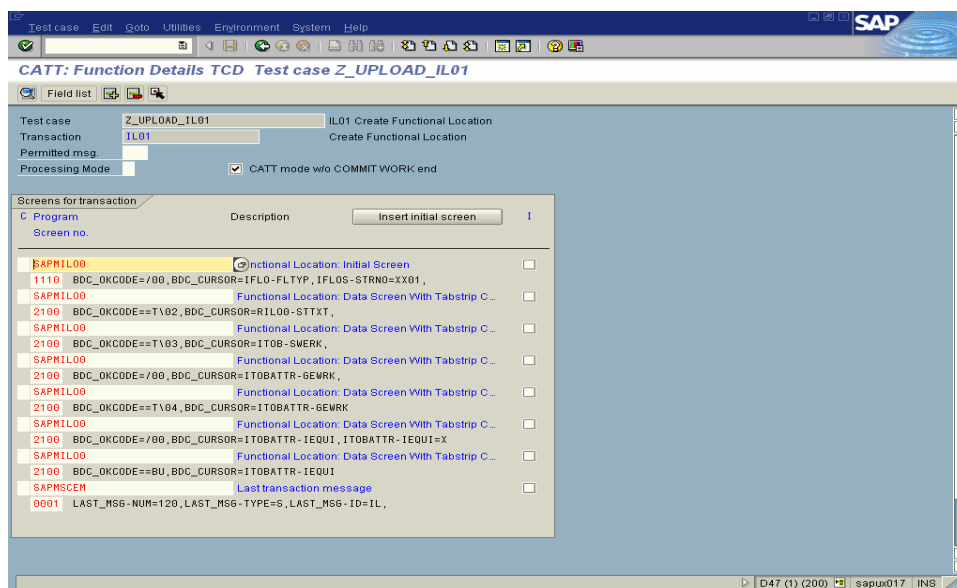
Download of source file template is conducted in two stages as follows:

Creation of import parameters:

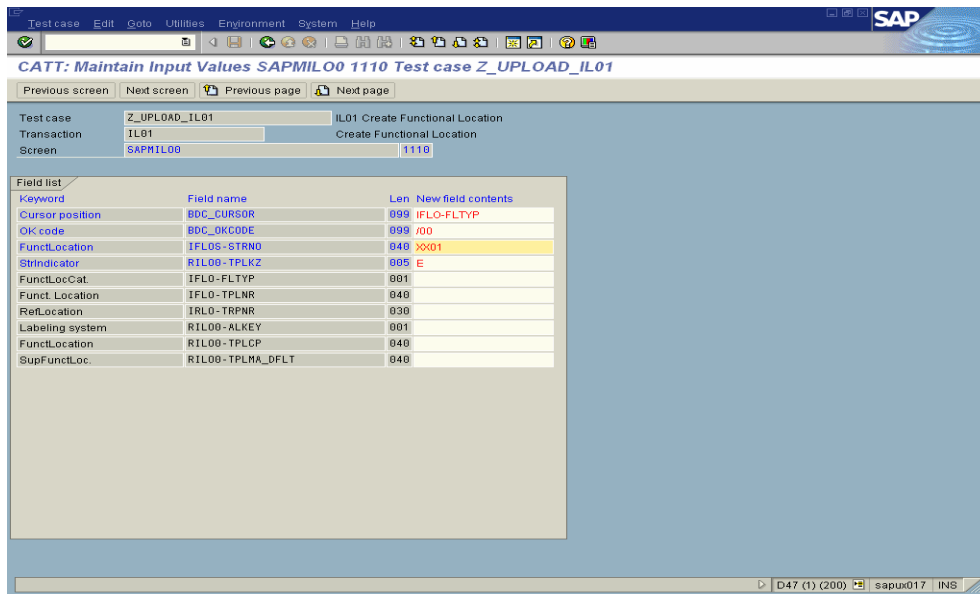
- Within transaction SCAT, double click on the TCD line in the “Maintain Functions” screen



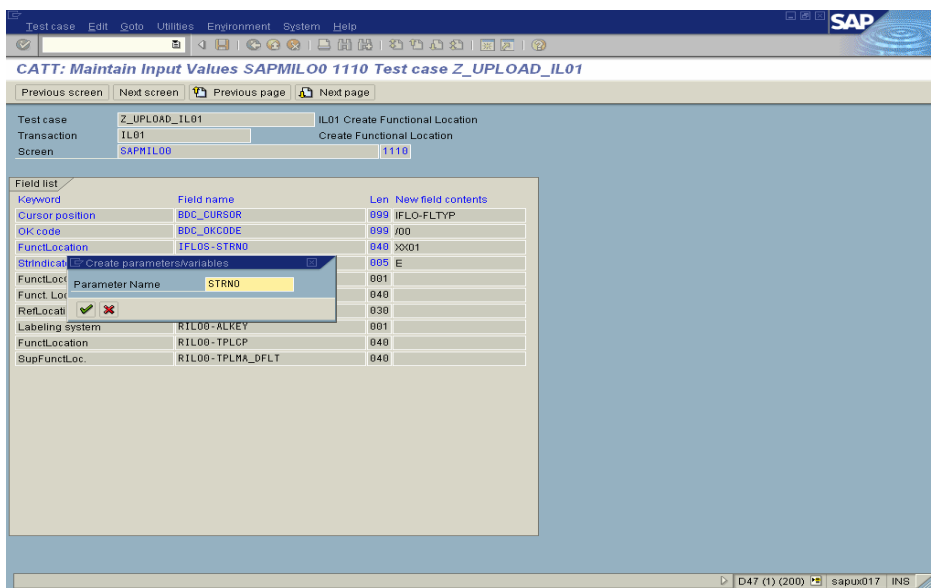
- Click the **Field List** button (Field list is displayed).



- For every field that you wish to upload data, double click in the Column *New field contents* (This creates an import parameter).



- In the *Maintain Import Parameter* Pop-Up:



CATT: Maintain Input Values SAPMLO0 1110 Test case Z_UPLOAD_IL01

Test case: Z_UPLOAD_IL01 | IL01 Create Functional Location
 Transaction: IL01 | Create Functional Location
 Screen: SAPMLO0 | 1110

Field: Maintain Import parameter Test case Z_UPLOAD_IL01

Key: Import parameter
 Cui: Parameter Name: &STRNO
 OK: Default value: XX01
 Fur: Field ref.: IFLOS-STRNO
 Fur: Data element: ILOM_STRNO
 Ret: Short description: Functional location label
 Lat: Heading: Functional location
 Fur: Short field label: FunctLoc
 Sur: Medium field label: FunctLocation
 Long field label: Functional location

Domain name: ILOM_STRNO
 Data type: CHAR
 No. of characters: 40

Change parameter type
 from: Import param.
 To: Export param.
 To: Local variable

- Delete the default value if not required.

CATT: Maintain Input Values SAPMLO0 1110 Test case Z_UPLOAD_IL01

Test case: Z_UPLOAD_IL01 | IL01 Create Functional Location
 Transaction: IL01 | Create Functional Location
 Screen: SAPMLO0 | 1110

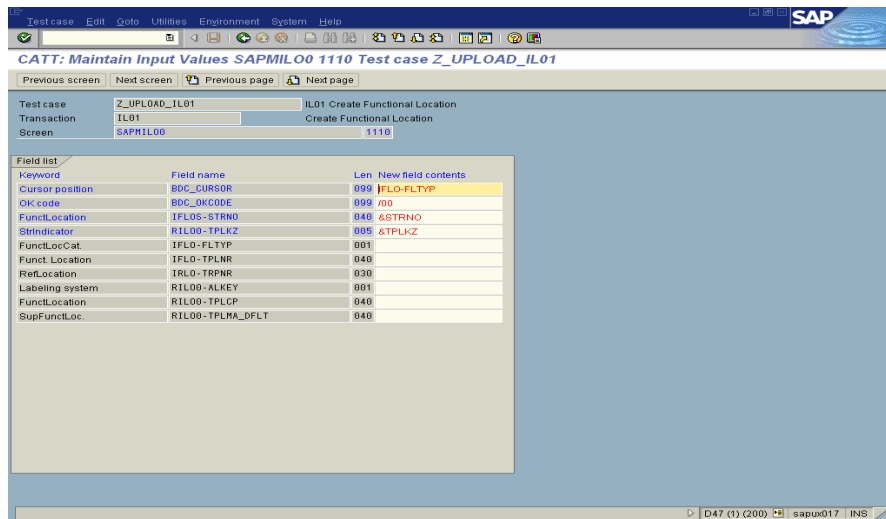
Field: Maintain Import parameter Test case Z_UPLOAD_IL01

Key: Import parameter
 Cui: Parameter Name: &STRNO
 OK: Default value:
 Fur: Field ref.: IFLOS-STRNO
 Fur: Data element: ILOM_STRNO
 Ret: Short description: Functional location label
 Lat: Heading: Functional location
 Fur: Short field label: FunctLoc
 Sur: Medium field label: FunctLocation
 Long field label: Functional location

Domain name: ILOM_STRNO
 Data type: CHAR
 No. of characters: 40

Change parameter type
 from: Import param.
 To: Export param.
 To: Local variable

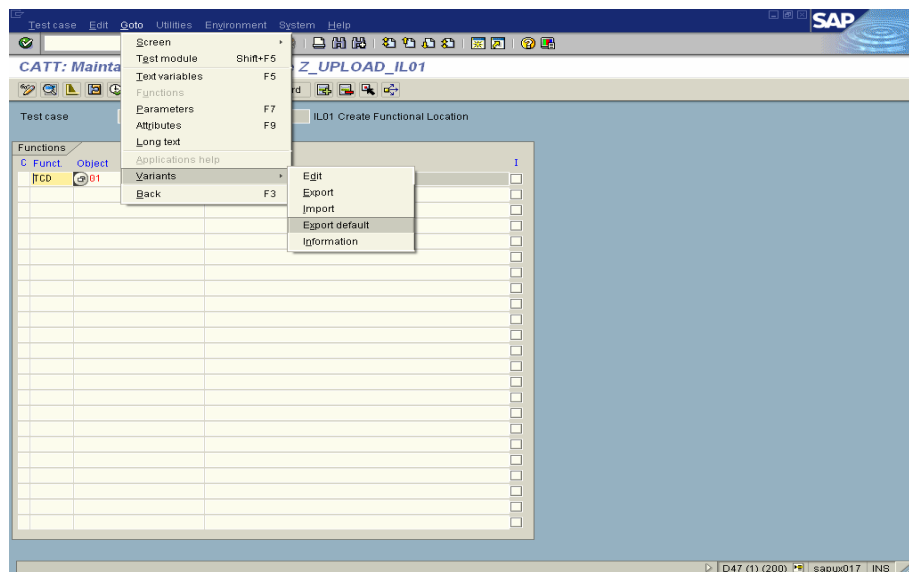
- The *New field contents* column now contains the character **&** followed by the field name (e.g. **&EQART**). This is the name of the import parameter.



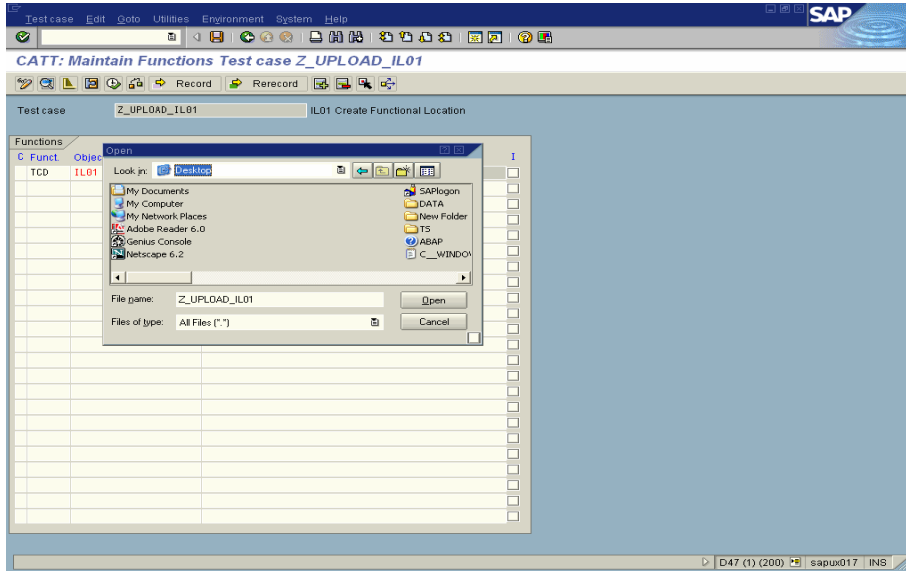
- Repeat this for every field (in every screen) to be uploaded.
- Back out and save the CATT test case.

Download of source file template:

- Use the path **GOTO → Variants → Export Default**



- Select path and file name (e.g. C:\TEMP\UPLOAD_IL01.TXT)



- Click **Transfer**

Modify the source file:

The downloaded source file template is now populated with the data that is to be uploaded. This is completed as follows:

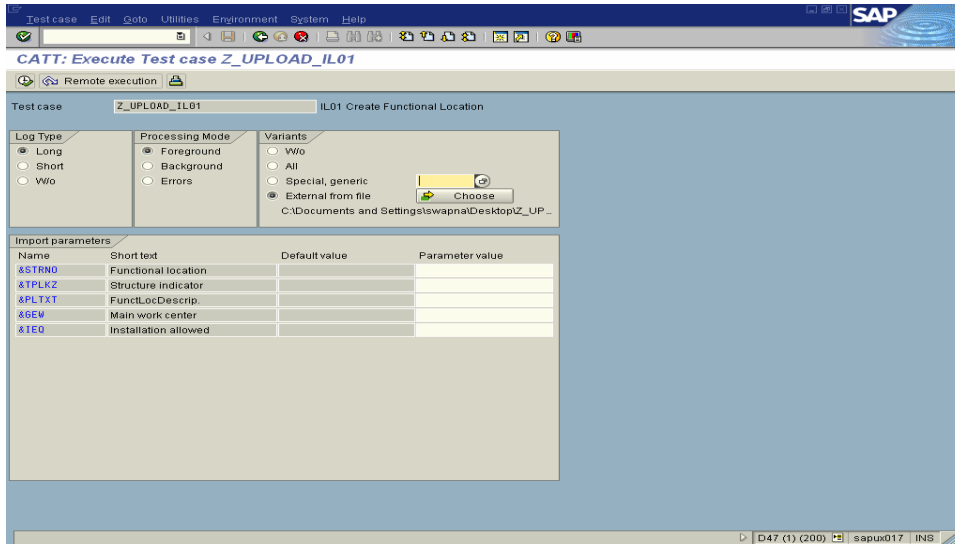
- Using Excel, open the tab-delimited text file.
- Do not change any of the entries that already exist. 1st row contains the field names. 2nd row contains the field descriptions. 3rd row displays the default values, which are set in the test case. 4th row contains a warning that changing the default values in the spreadsheet has no effect on the actual default values.
- The data to be uploaded can be entered in the spreadsheet from row 4 onwards (delete the 4th row warning & replace with data for upload).
- Save the file as a Text file (Tab delimited).

Upload data from the source file

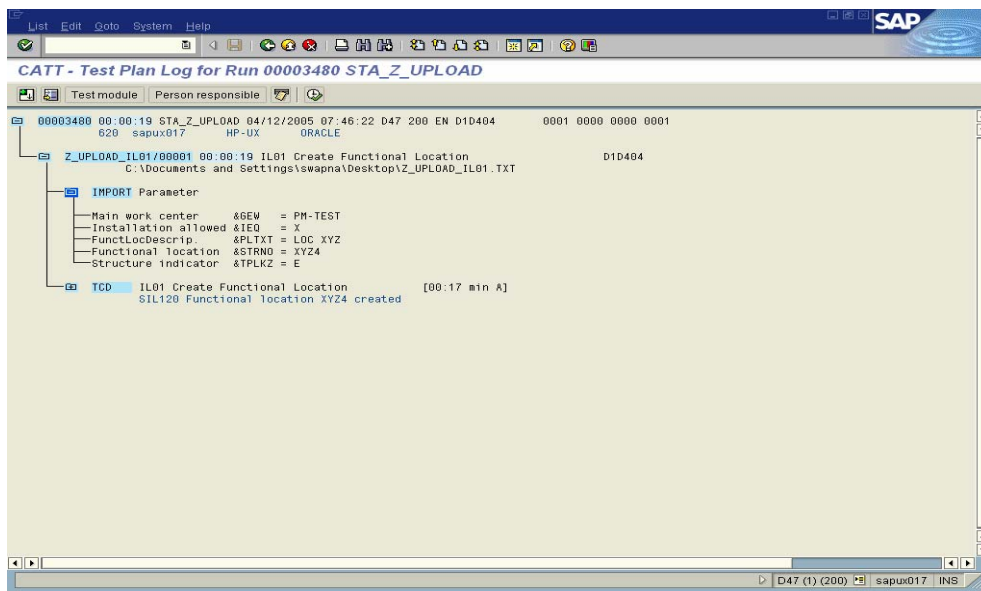
Uploading the data is completed as follows:

- Execute the CATT test case

- In the Execute screen:
- Set processing mode to **Errors** or **Background** (your choice).
- Set variants to **External from file**.
- Click the **Choose** button and select the file to be uploaded.
- If uploading to another client, click the **Remote execution** button and select the RFC connection to the required client.
- If uploading to the current client, click the **execute** button.



Output Screen



Sample Input File



UPLOAD_IL01

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Author Bio



Working in Wipro Technologies as a Project Engineer.