eCATT Part 8 – Test Configuration

Applies to:
SAP CRM 5.0

Summary
In the Part I of eCATT series, we covered the introduction to eCATT, its prerequisites, features, when to go for SAP GUI mode recording and eCATT’s main objects. In the Part 2 of eCATT we covered just the recording and replay of the script. In the Part 3 of eCATT article learnt as to how to parameterize a script. In the Part 6 and Part 7 we understood System Data Container and Test Data Container.
In this article we will see understand the concept of Test Configuration and see a demo as to how to create a test configuration.

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**Objective**

The objective behind this article is to give the user an introduction to eCATT – Test Configuration.

**Introduction**

A test configuration contains a reference to a test script. It can contain a reference to one or more system data container. It is not mandatory that a test data container be there. It’s through the Test Configuration that you can execute a script with different sets of test data. These different sets of data are nothing but the variants that you have defined in the Test Data Script. In the Test Configuration, you will see how you can selectively choose what data sets (variants) to be used when executing the scripts.

You can execute test scripts alone inside the eCATT development environment. However, a complete test case is represented by a test configuration, and it is test configurations that can be executed from the Test Workbench. At the core of the test configuration is the test script. Each test configuration references exactly one test script and the default variant is defined by the import parameters of the test script.

The working of the various eCATT objects can be illustrated with the below diagram.

The **test script** defines the actions to be executed. It also defines the importing parameters that make up the variants.

The **system data container** provides the system mapping that determines the systems affected by the commands. The system data container of the test configuration overrides all other system data containers.

The **test data containers** provide the bulk of the test data. The names of parameters defined in the test data containers do not need to be the same as those in the test configuration, although it can be convenient to arrange it so and recommended for easier maintenance.
Procedure
Now let us look at the steps required to create a Test Configuration.

1. Enter the transaction = SECATT.
2. Enter Test Configuration = Z09_DEMOTESTCONFIGURATION.
3. Click on Create Button.
4. In the Attributes → General tab, enter the following mandatory details.
   - Title = Z09_DEMOTESTCONFIGURATION.
   - Person Responsible = <Person’s Name>
   - Component = CRM-MD-PRO
   - System Data Container = Z09_DEMOSYSTEMDATA
5. Click on Configurations Tab. Enter the following:
   - System Data Container = I_PRODUCT_DESC
   - Test Script = Z09_DEMOCREATEPRODUCT
   - Target System = NONE
   - Test Data:
     a. Alias = TD1
     b. Object Name = Z09_DEMOTESTDATA.

Change Test Data Container: Z09_DEMOTESTDATA
6. Now let us choose the variants. Click on Variants Tab. Click on Variant Maintenance Assistant button.

7. In the Variant Maintenance Assistant screen, you will see the list of variants that are defined in the Test Data Container. Refer the eCATT Part 7 - Test Data Container.

8. Now, we will select the two variants Variant_1 and Variant_2 and click on Attach As Variants button.
9. Click on the Back button and you are taken back to the eCATT Change Configuration Screen. The two variants are added back.

10. Now if you check the checkbox against the Variant_2, it means to say that only the data sets corresponding to the variant ECATTDEFAULT and VARIANT_2 will be executed. The data contained in the variant variant_1 will NOT be used for execution.

11. Now if you click on Execute Test Configuration, you can execute your test script with the different sets of test data.

Result
Your Script is ready to be run with various data sets that you have defined and chosen.
Related Content

http://help.sap.com/saphelp_nw2004s/helpdata/en/8e/df9f40eb72371be10000000a1550b0/frameset.htm
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