eCATT Part 3 – Parameterization of Script

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 article we covered just the recording and replay of the script.

In this article we will learn how to parameterize the script that we recorded earlier. As part of the exercise, we will learn as to how to parameterize a variable.

Author: Rakesh Kumar Jain
Company: Intel Technology India Pvt. Ltd.
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Author Bio

I am Rakesh Kumar Jain, working for Intel Technology India Pvt. Ltd. I am working as a System Analyst in SAP CRM. I have worked on Interaction Center Web client, Solution Manager. Most of my primary work is in the Service module of the CRM.
Objective
In this article we will learn the following:
- Parameterization of a script.
- As part of the exercise, we will parameterize the variables, **Material No, Material Description**.

Prerequisites
You have gone through the article eCATT Part 2 - Recording a Scenario and your script Z09_CreateDemoProduct is ready to be parameterized. Else quickly refer the article and get your script created and keep it ready for parameterization. Follow the steps below to parameterize the variable that you want.

Procedure
1. Login to the SAP CRM System. Enter the Transaction = SECATT.
2. Enter the Test Script = Z09_DemoCreateProduct and click on Change Object Button or Press F6 Key.
3. Click on the Parameter <-->Command Interface button and ensure that you are in the command interface mode as shown in the figure.
4. Select the SAPGUI_1 row in the command interface and now click on the Command Interface Value Button.

Change Test Script: Z09_DEMOCREATEPRODUCT (1)
5. Click on Expand button.

6. Scroll down the node and search for values Z09_DemoEcatt1 and DemoEcatt1 Product. In our Demo example, they are beneath the node ProcessedScreen[3].

7. Now let's parameterize the Material ID. Double click on the value Z09_DemoEcatt1 and enter a variable called I_PRODUCT_ID. Press the Enter Key. A Parameter Maintenance screen pops up and here you choose the radio button Import. Click on Yes Button.

8. Similarly let's parameterize the Material Description and define a variable called I_PRODUCT_DESC as an import variable.

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
<th>Parameter Value</th>
<th>LEN</th>
<th>Parameter Reference</th>
<th>Target System</th>
<th>ABAP Ty</th>
<th>Length</th>
<th>Dec.</th>
<th>Group</th>
</tr>
</thead>
<tbody>
<tr>
<td>I_PRODUCT_ID</td>
<td></td>
<td>Z09_DemoCatt1</td>
<td></td>
<td></td>
<td>NONE</td>
<td>C</td>
<td>128</td>
<td></td>
<td></td>
</tr>
<tr>
<td>I_PRODUCT_DESC</td>
<td></td>
<td>DemoCatt1 Product</td>
<td></td>
<td></td>
<td>NONE</td>
<td>C</td>
<td>128</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

10. Now, we will define the Parameter Reference for the above variables so that the data type matches with that of the actual field. Go back to the transaction COMMPR01 and in the material change screen, place the cursor on the Material ID field in order to find the technical names. Press F1 Key and you get the Performance Assistant Screen.

11. Click on the Technical Information Button. Copy the Data Element = COMT_PRODUCT_ID

12. Paste the above value in the Parameter reference.

13. Similarly find out the technical name of the Material Description field and paste it in the Parameter reference against the variable I_PRODUCT_DESC. It would look something like this. Also notice that the Length field automatically changes from 128 characters to 40 characters.
14. Now let's also change the Parameter Value to Z09_DemoEcatt3 and DemoEcatt3 Product respectively.

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
<th>Parameter Value</th>
<th>Parameter Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>L_PRODUCT_ID</td>
<td>Product ID</td>
<td>Z09_DemoEcatt3</td>
<td>COMT_PRODUCT_ID</td>
</tr>
<tr>
<td>L_PRODUCT_DESC</td>
<td>Product Description</td>
<td>DemoEcatt3 Product</td>
<td>COMT_PRSHTEXTX</td>
</tr>
</tbody>
</table>

15. Your script is now parameterized and ready for a run!

**Result**

The script is parameterized now. You can change the parameter value and run the script without having to search and change the data in the script.
Related Content

http://help.sap.com/saphelp_nw2004s/helpdata/en/8e/df9f40eb72371be100000000a1550b0/frameset.htm
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