

Custom RAD Extensibility Maintenance Screens
Oracle Banking Payments
Release 14.0.0.0.0
[Feb] [2018]



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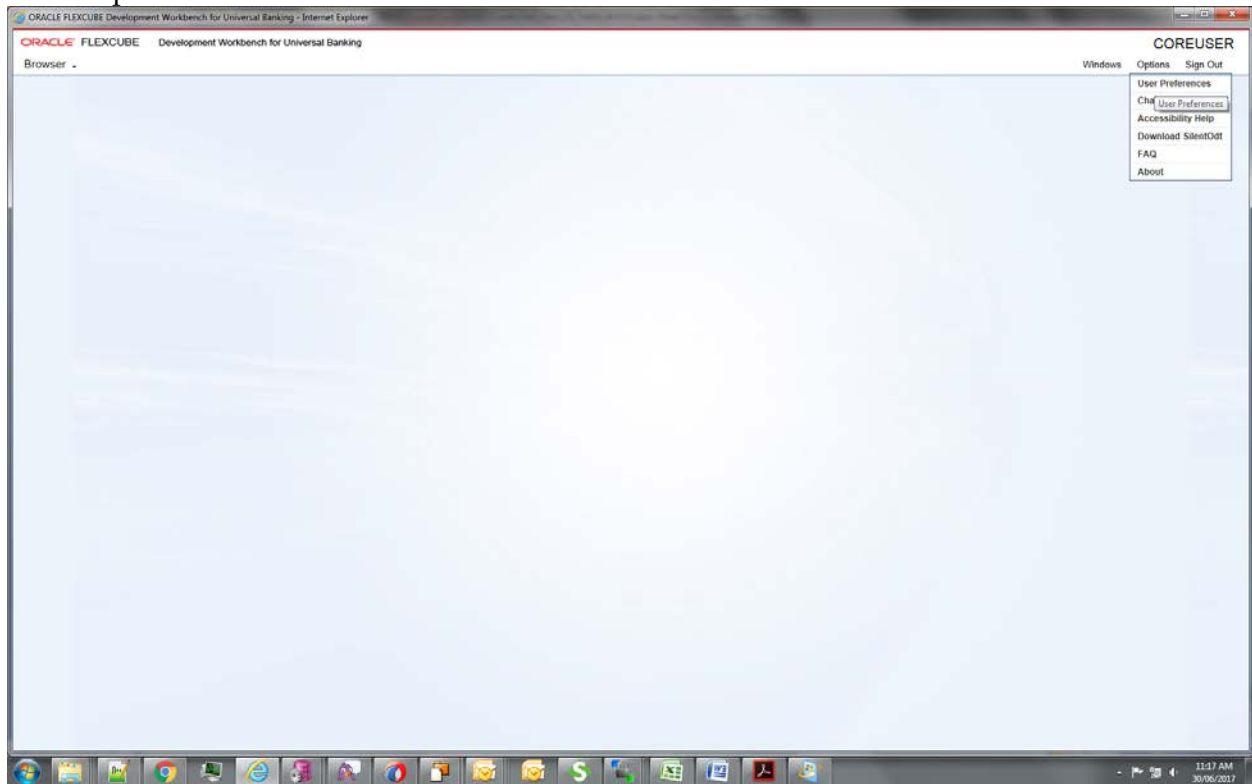
1 Preface

This document is a step by step guide to demonstrate how to make additions to an existing Maintenance screen/function Id.

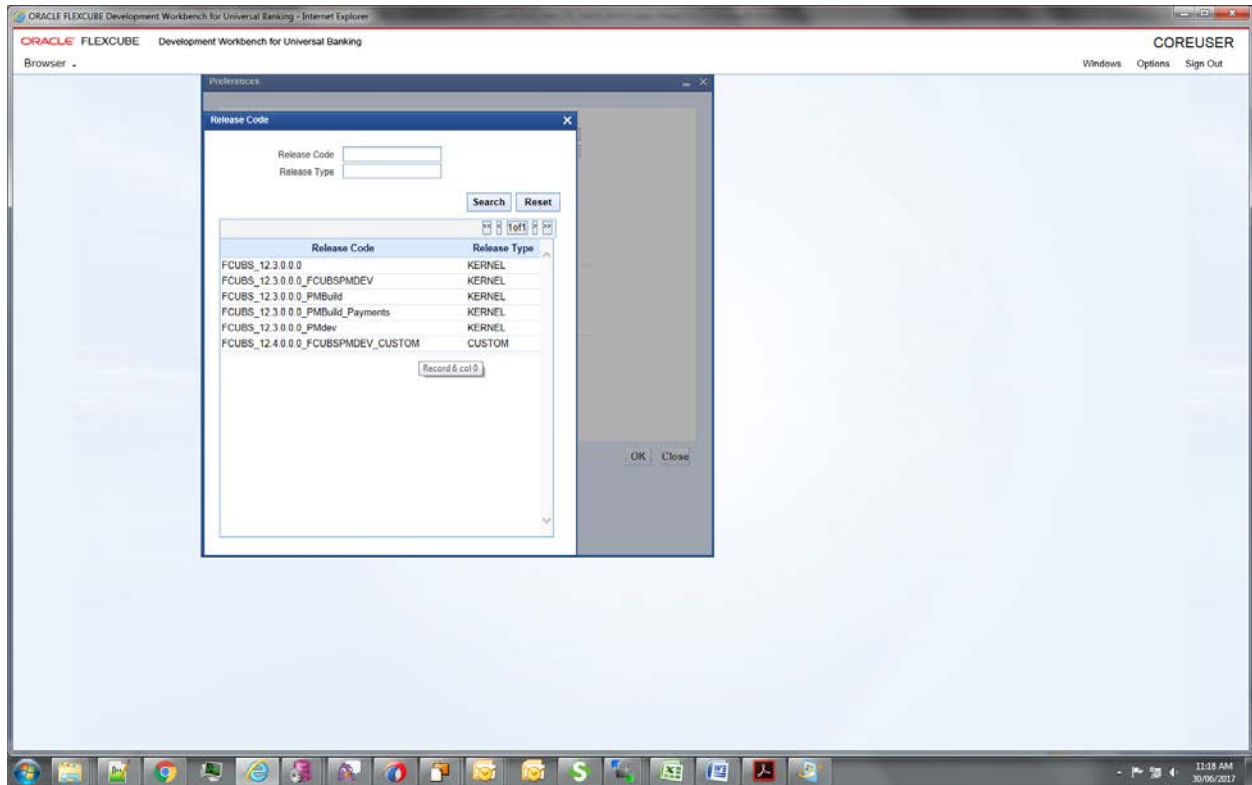
2 Approach

For demo purpose, we will be taking a Maintenance screen: PMDHSTPR (Host Parameters). We will create a demo table, add it to the RAD with 3 fields and then Save/query the record.

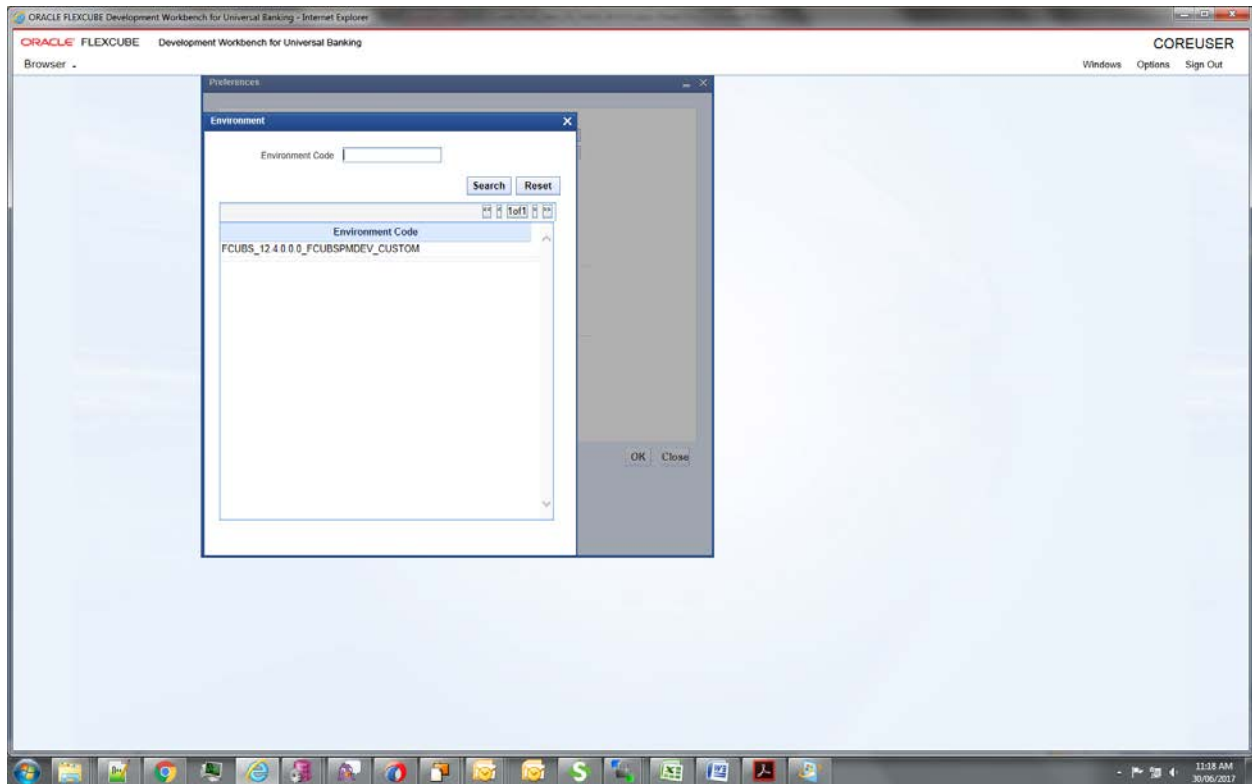
Select Options -> User Preferences



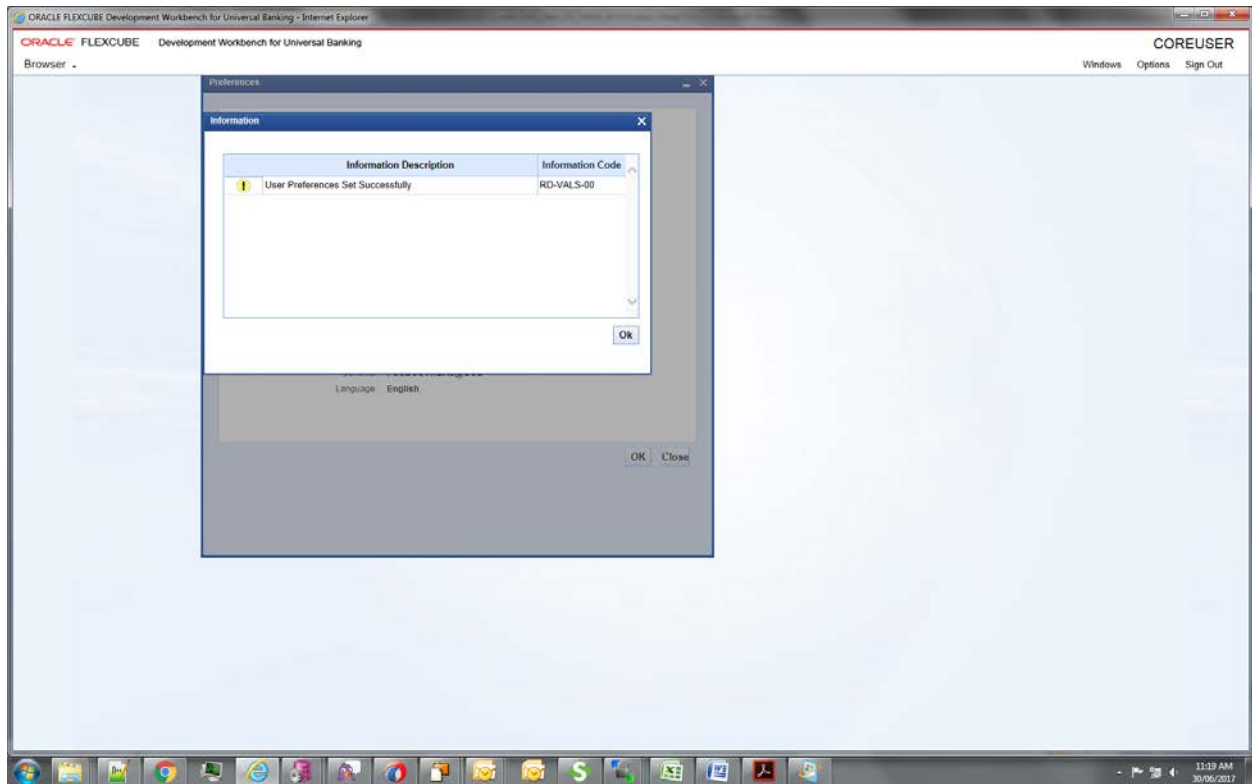
Select the Custom release



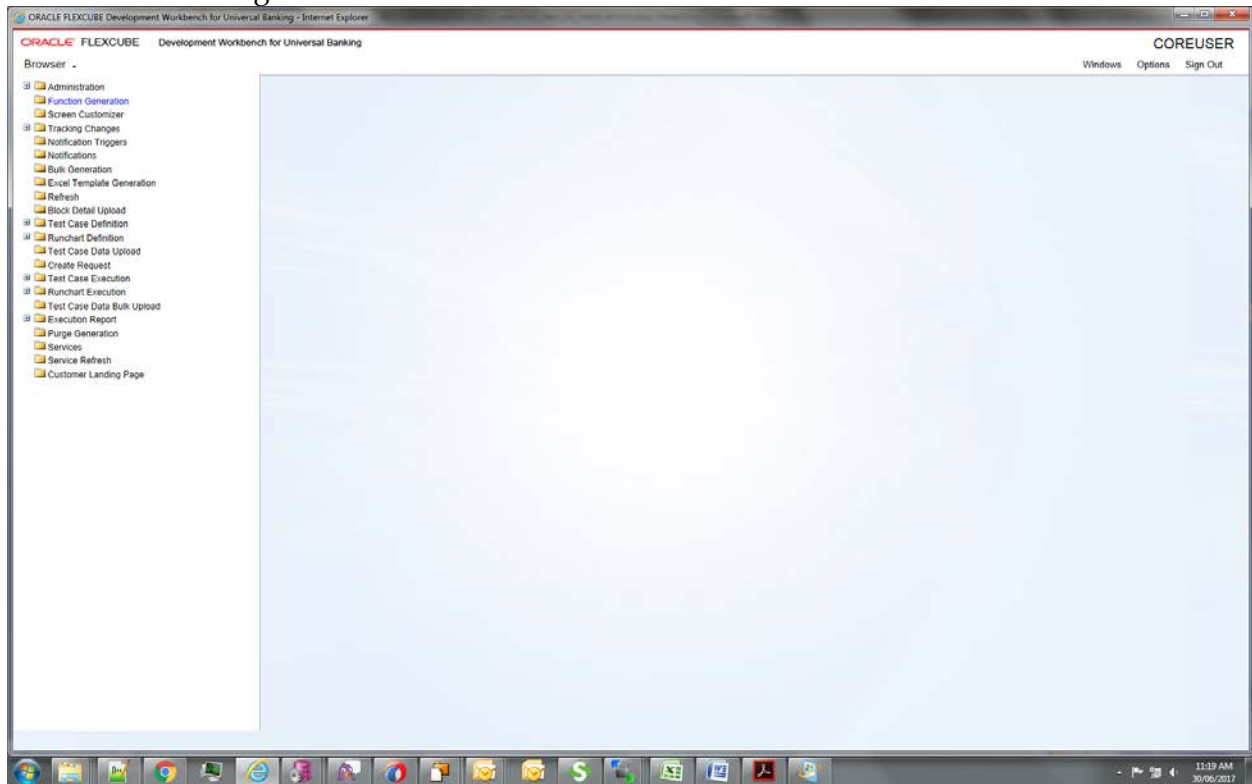
Select the environment



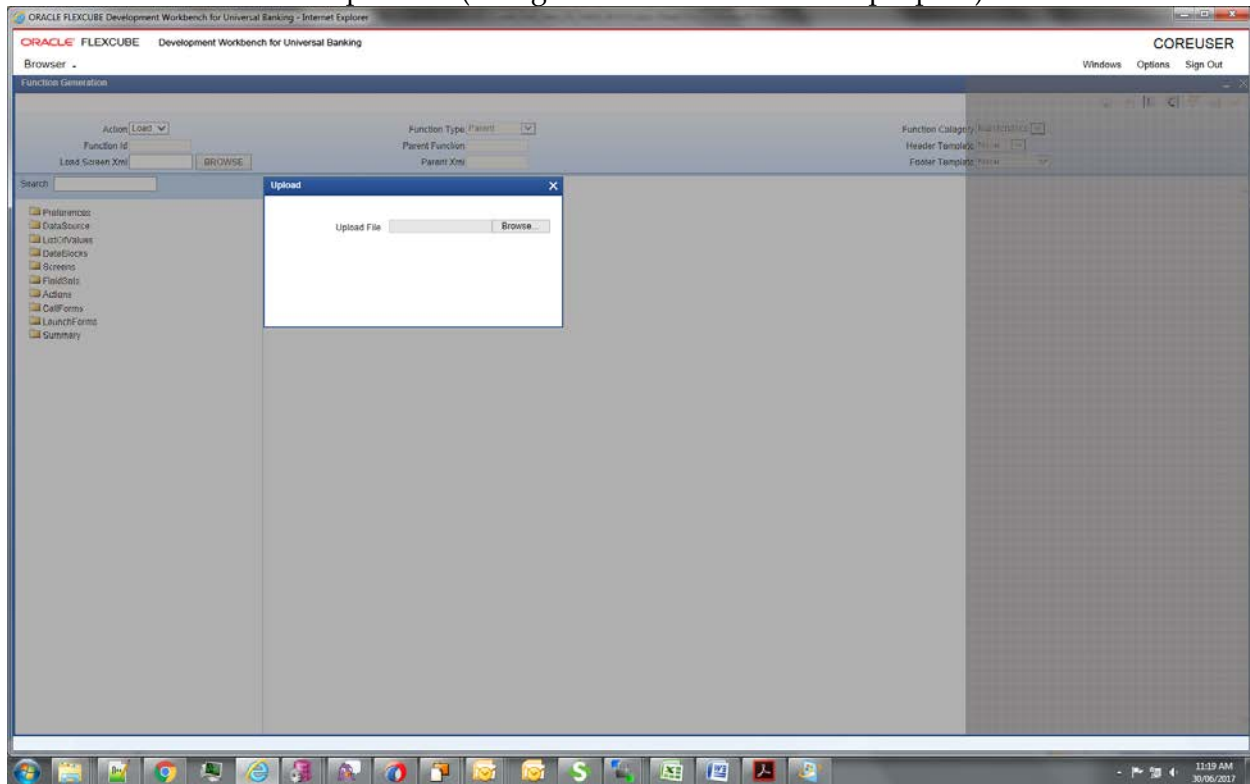
And then click ok



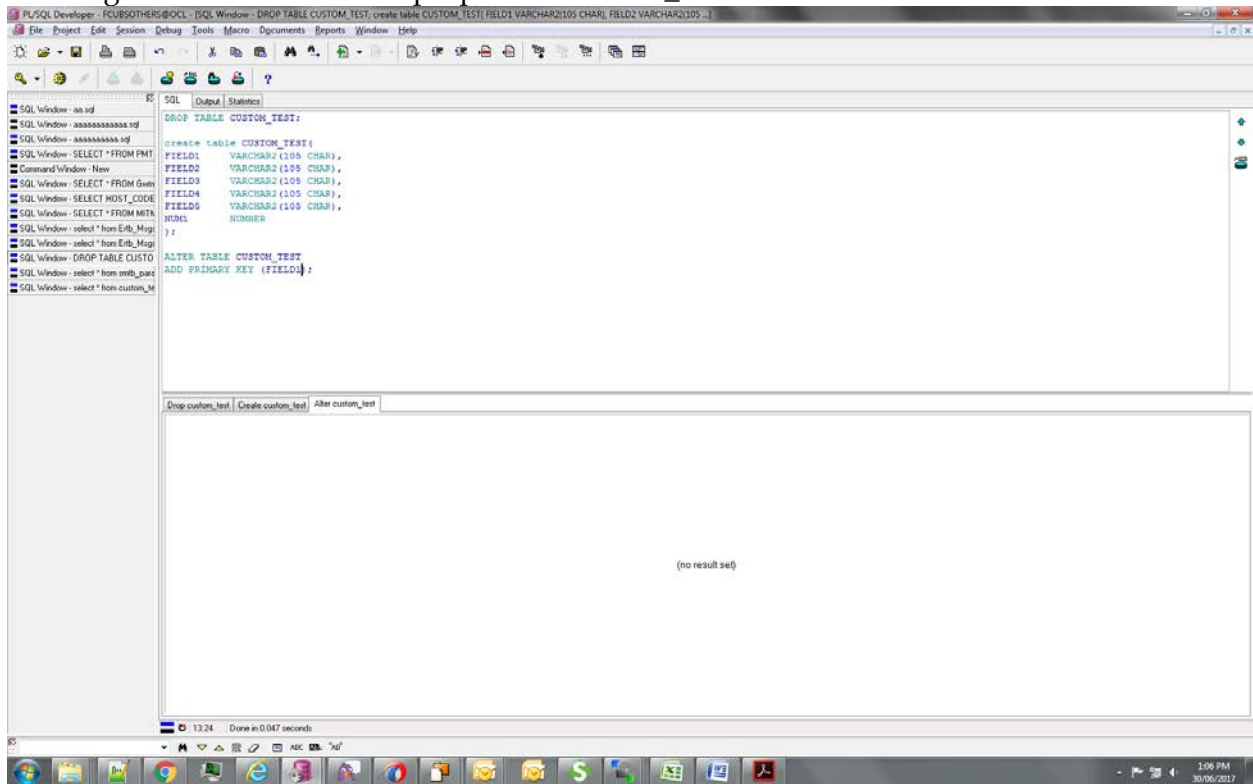
Select the function generation



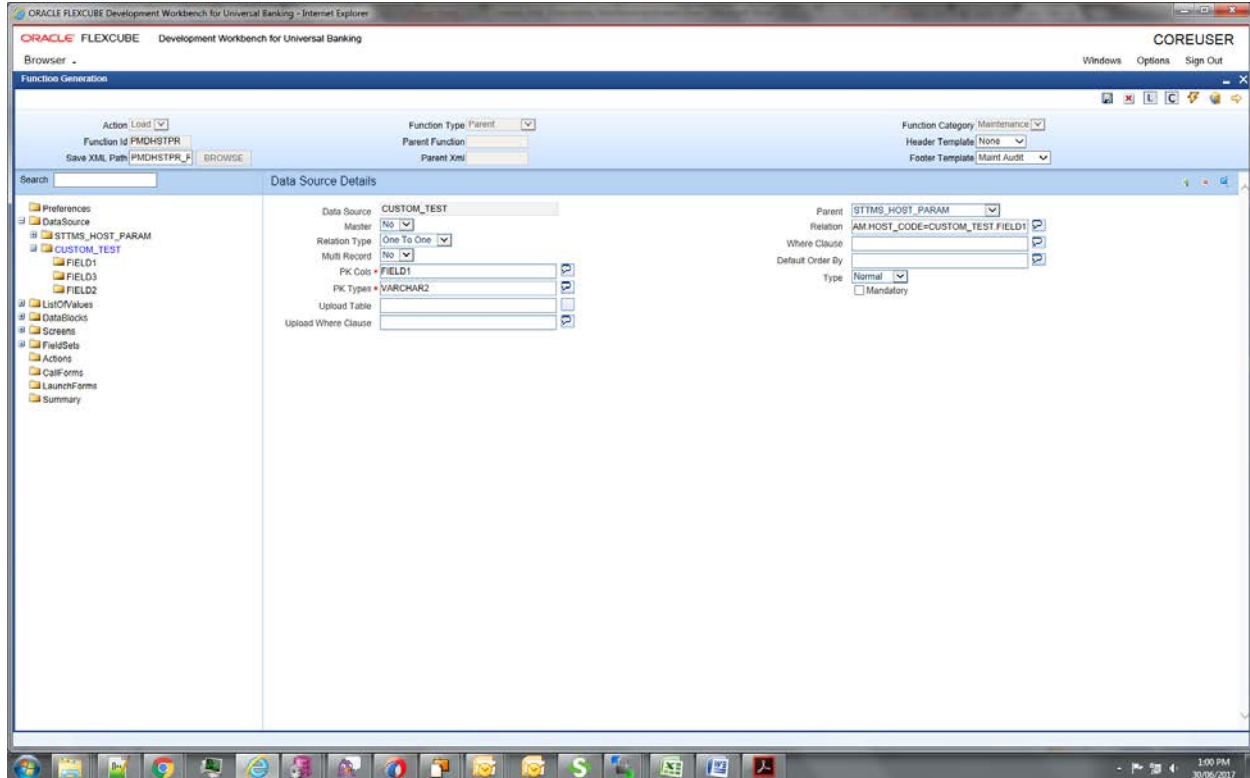
Select the RAD file to be uploaded (Using PWDOTONL for Demo purpose)



Creating a new table for Demo purpose- CUSTOM_TEST:



Added a new data source in the data source list and added fields for it. New table name CUSTOM_TEST

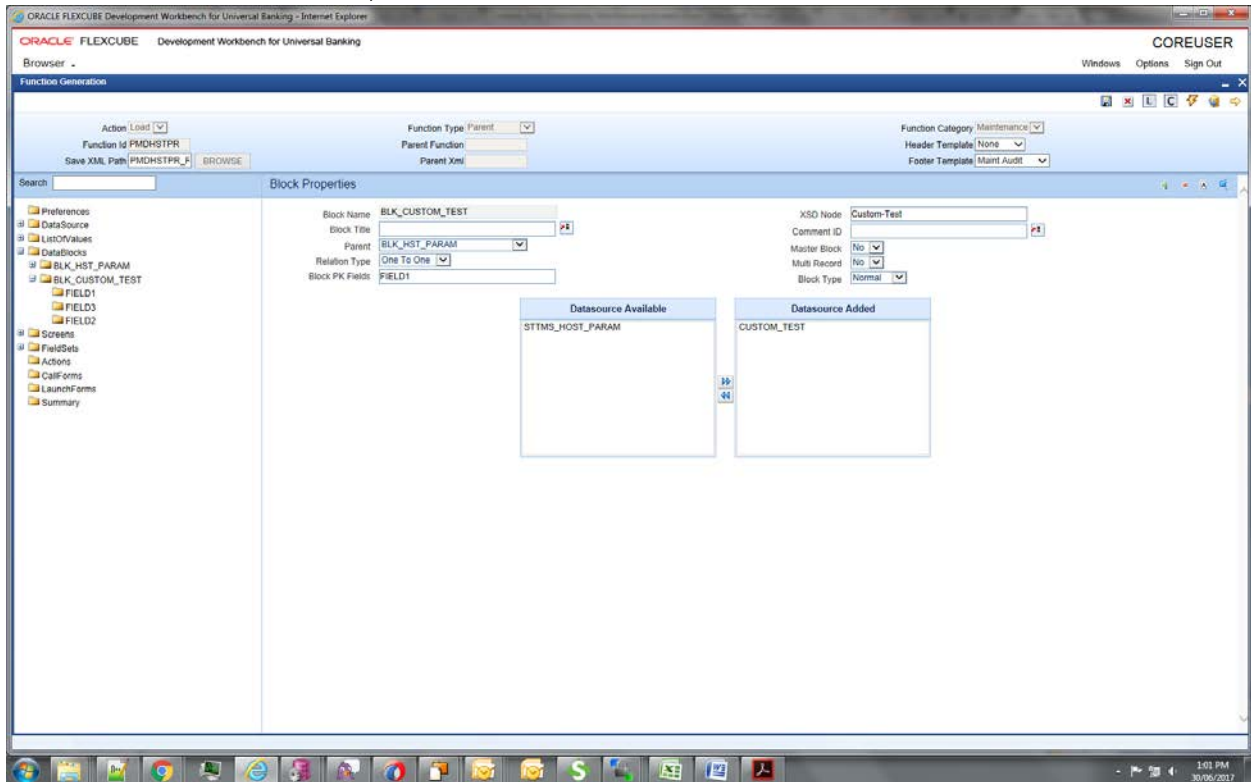


Points to note:

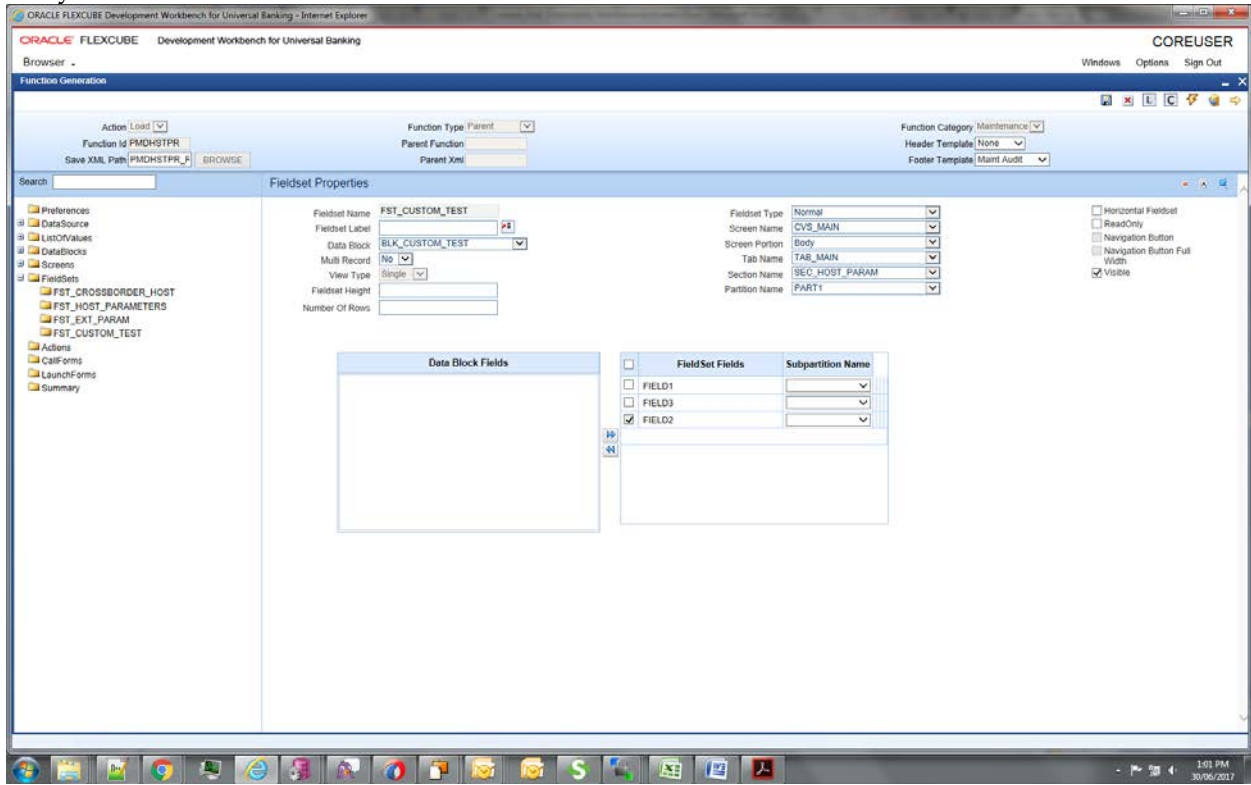
1. Here Field1 is used only for mapping with parent table. It must be part of Data Block and a fieldset (although it could be made invisible, but it has to be present in one of the fieldsets).
2. Relationship given:
STTMS_HOST_PARAM.HOST_CODE=CUSTOM_TEST.FIELD1

Added new Data Block- CUSTOM_TEST and then added three fields to it- Field1 (PK field, and to be used for entity/table mapping), Field2 and Field3. Make sure the PK is mentioned in Block PK fields.

Field2 and Field3 are visible, Field1 is made invisible.

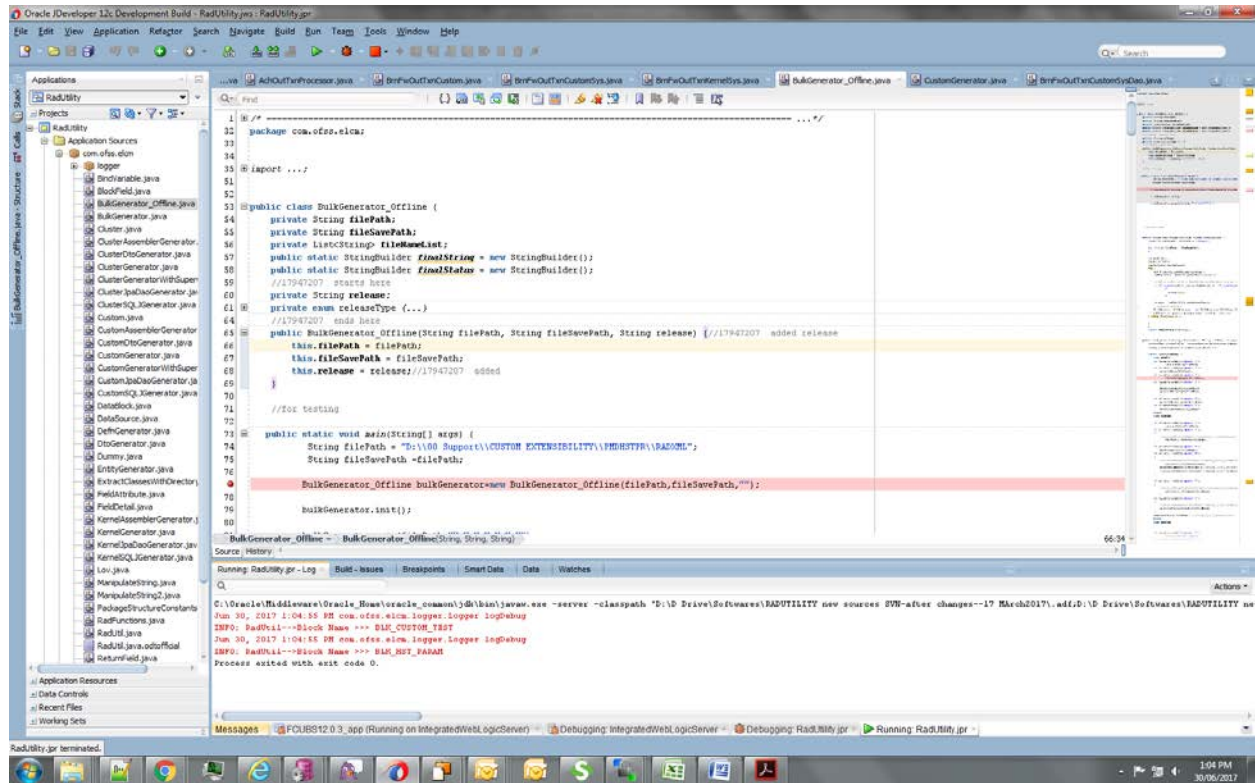


Created a new Field set FST_CUSTOM_TEST and added all the three fields to it. Added it in the Body section.



Generated files:

1. Using the RAD utility (local sources)



2. Using RADTOOL:

a. Step 1: Check Java functions in preferences

The screenshot displays the Oracle Flexcube Development Workbench for Universal Banking. The main window is titled "Function Generation" and shows the "Preferences" section. The "Function Type" is set to "Parent". The "Function Category" is "Maintenance". The "Header Template" is "None" and the "Footer Template" is "Maint Audit".

The "Preferences" section includes a list of checkboxes for various options:

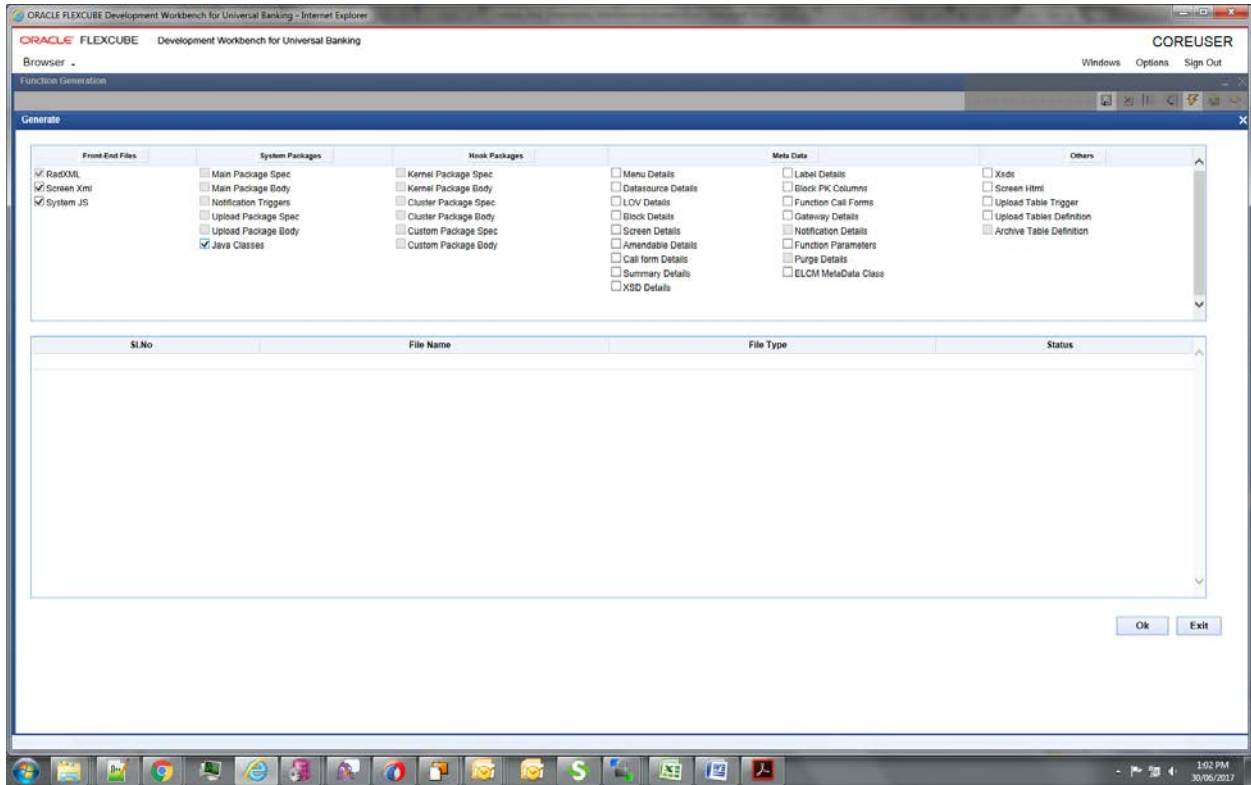
- Head Office Function
- Logging Required
- Auto Authorization
- Module Auto Authorization
- Tank Modifications
- Field Log Required
- Multi Branch Access
- Excel Export Required
- Java Functions

The "Module" is set to "PM" and the "Module Description" is "Flexcube Payments". The "Module Group" is also set to "PM". The "Branch Program Id" and "Process Code" fields are empty. The "SVN Repository URL" field is also empty.

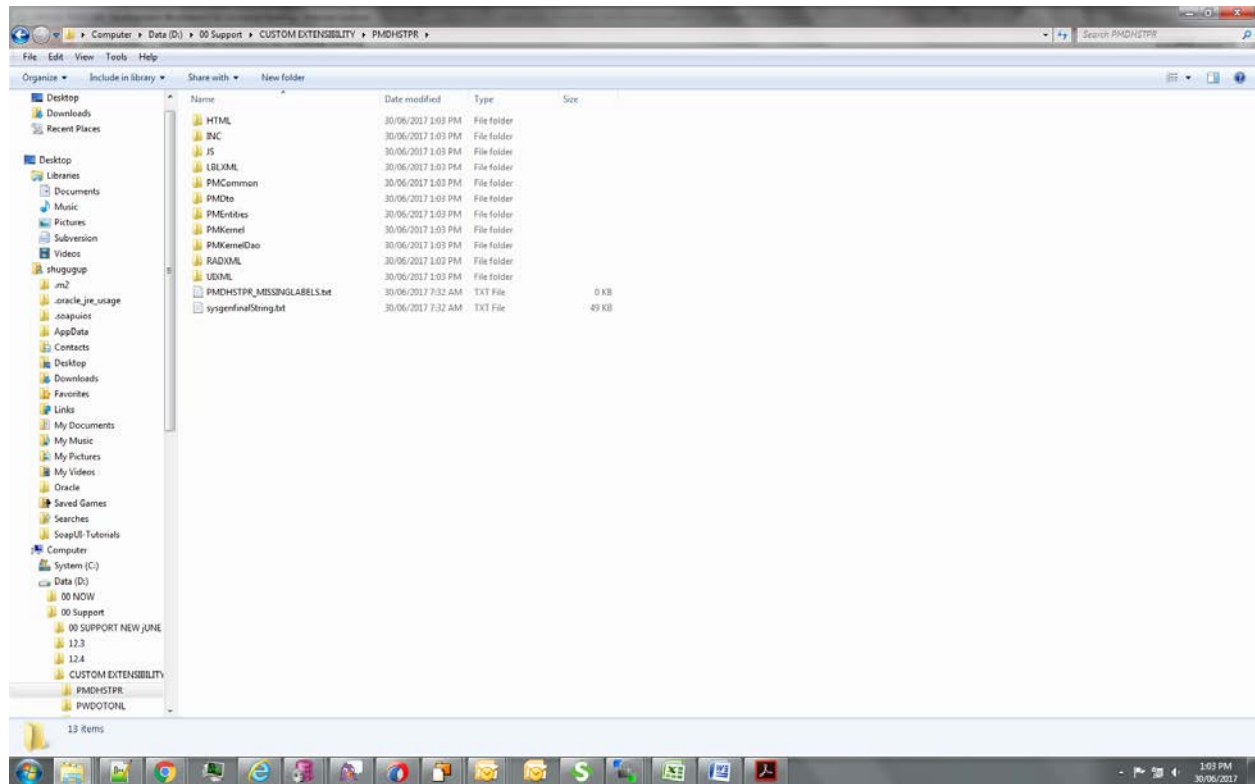
The "Parameter Value Mappings" section shows a table with the following data:

Function Id	Module	Module Description
<input type="checkbox"/> PMDHSTPR	PM	Flexcube Payments
<input checked="" type="checkbox"/> FMSHSTPR	PM	Flexcube Payments

b. Step 2: While generating, check Java Classes.



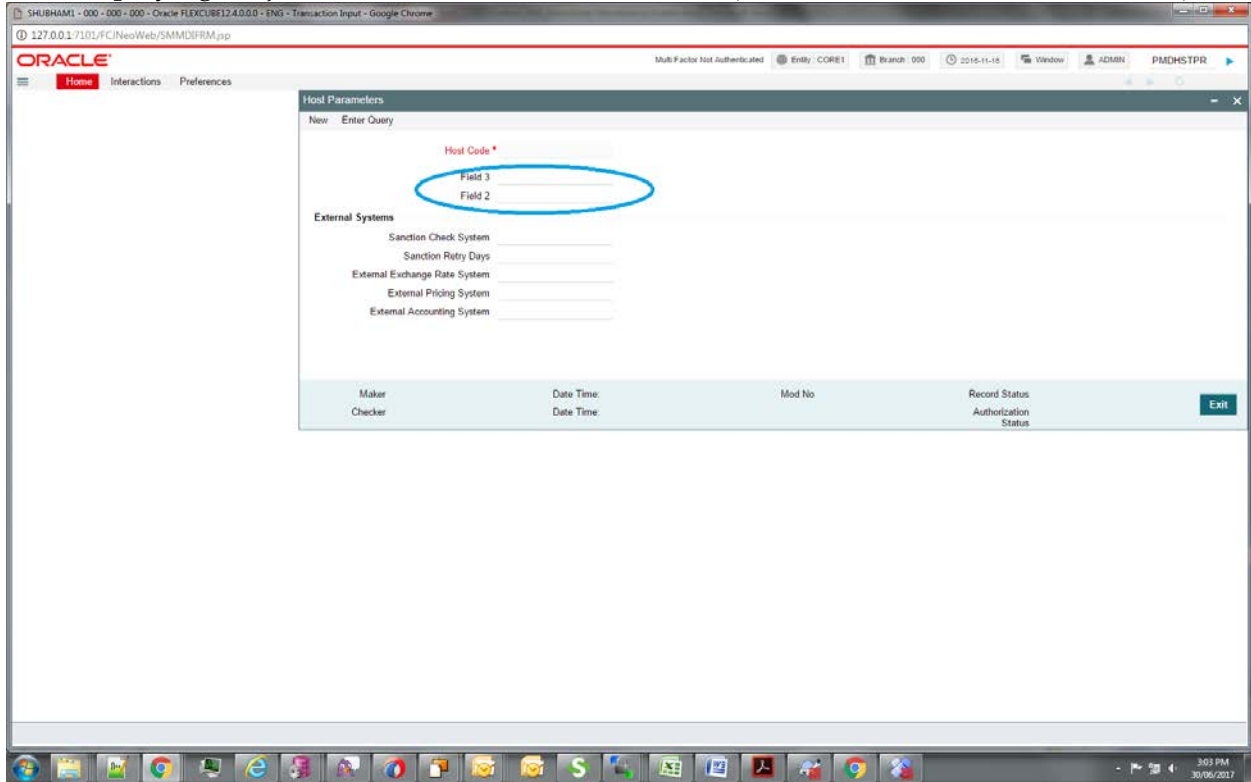
Generated folders



Points to Note:

1. The generated artifacts need to be added to the project.
2. Common Files and Entity files will replace existing kernel files. Others will be of different names, e.g., HstParamCustomSys.java (instead of HstParamSys.java as in case of Kernel files).
3. These files extend kernel files, and hence all kernel functionality would be retained and additional code can be added in these Custom files as need be.
4. Please note that any additional business logic/validations can be added in <MasterBlockName>Custom.java file (for example, in this case, HstParamCustom.java).

After deploying the java files, UXML and JS the screen (Blue Circled are the Custom fields)



Creating a new record:

The screenshot displays the Oracle Banking Payments Custom RAD Extensibility Maintenance Screens. The browser window title is "SHUBHAM1 - 000 - 000 - Oracle FLEXCUBE1240.0.0 - ENG - Transaction Input - Google Chrome". The URL is "127.0.0.1:7101/FC/NeoWeb/SMMDFRIM.jsp". The Oracle logo is visible in the top left corner. The user is logged in as "ADMIN" with the name "PMDHSTPR". The page shows a "Host Parameters" form with the following fields:

- Host Code: * HOSTTEST
- Field 3: SHUBHAM
- Field 2: GUPTA

Under the "External Systems" section, there are four fields with a blue "p" icon:

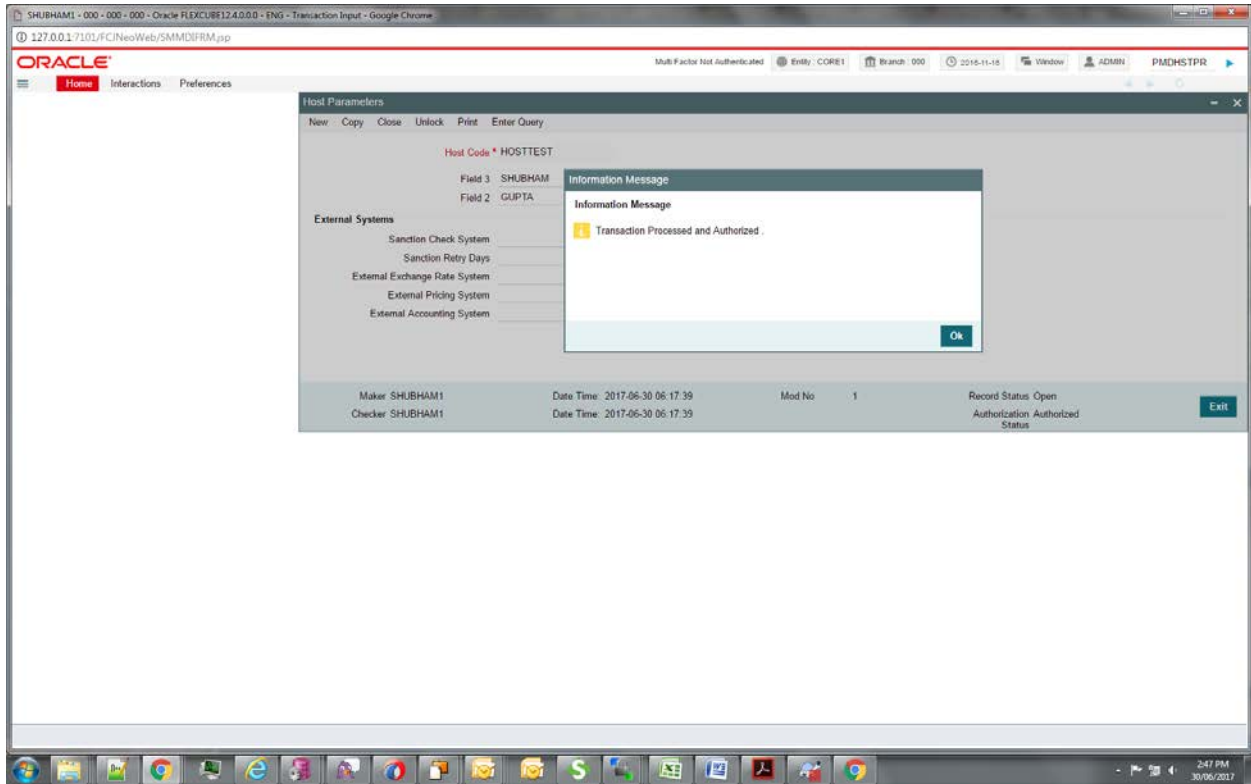
- Sanction Check System
- Sanction Retry Days
- External Exchange Rate System
- External Pricing System
- External Accounting System

At the bottom of the form, there is a table with the following data:

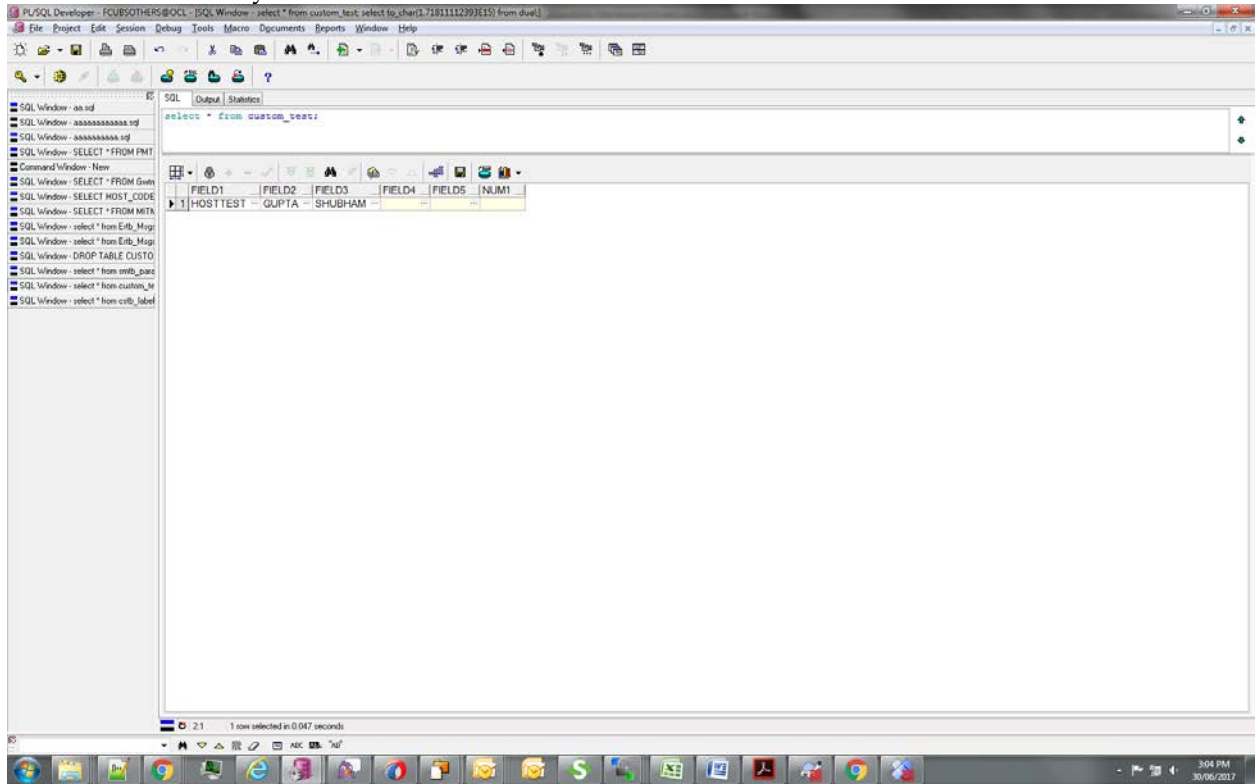
Maker	Date Time	Mod No	2	Record Status	Open
Checker	Date Time			Authorization Status	

A "Cancel" button is located at the bottom right of the form. The system tray at the bottom of the screen shows the time as 2:48 PM on 30/06/2017.

Record saved



Backend table Entry





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