

Custom RAD Extensibility Maintenance Screens

Oracle Banking Payments

Release 14.7.0.0.0

[December 2022]



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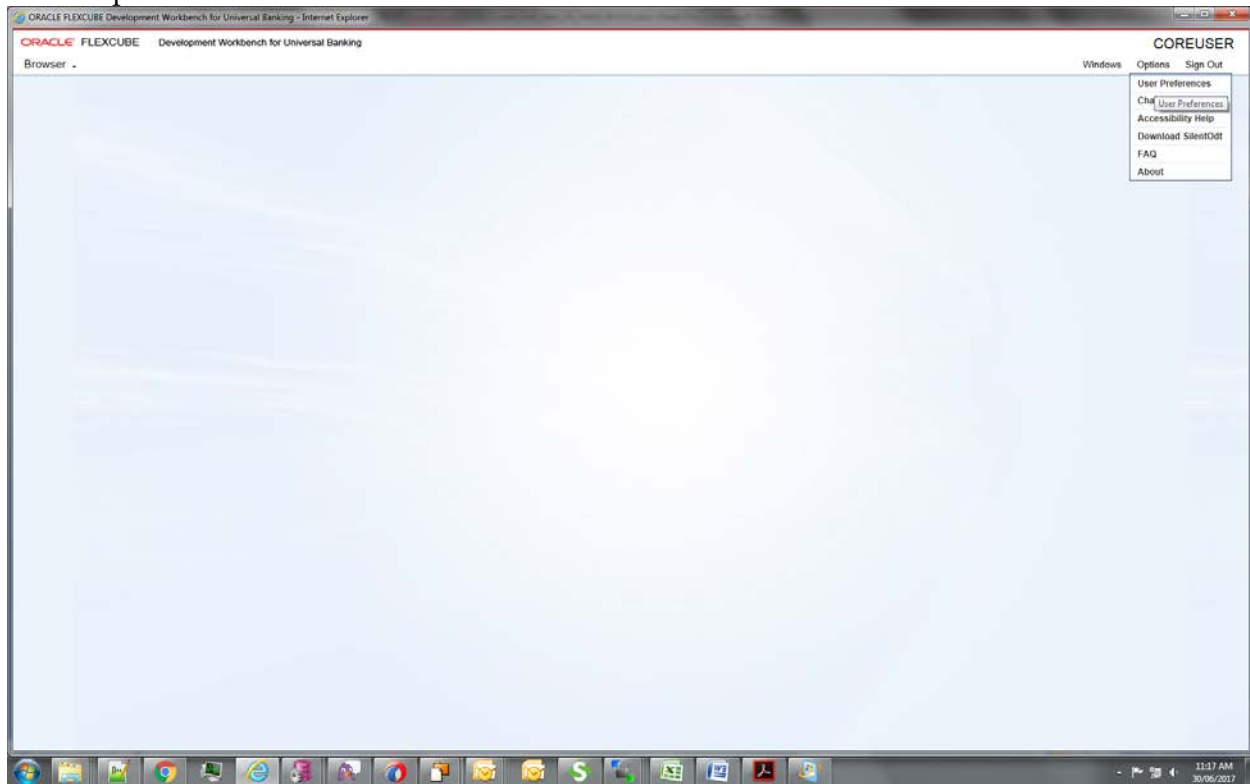
1 Preface

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

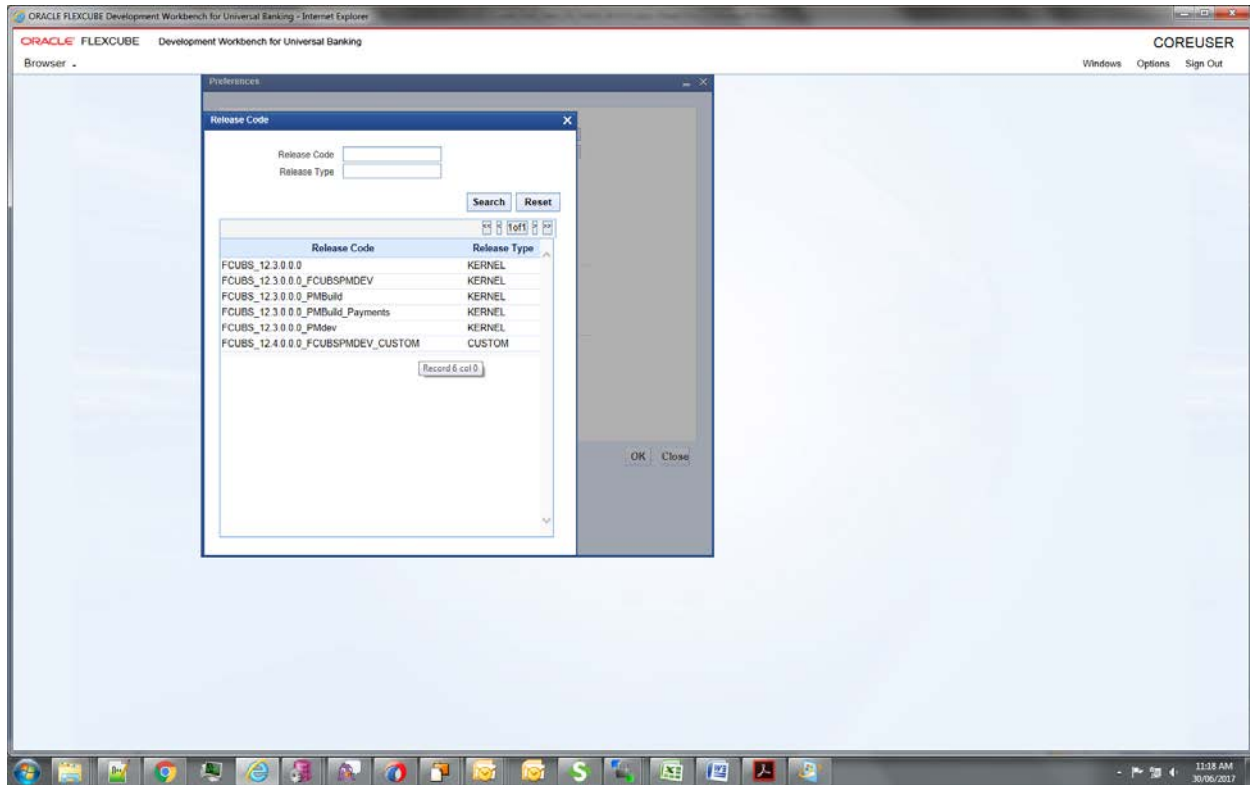
2 Approach

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.

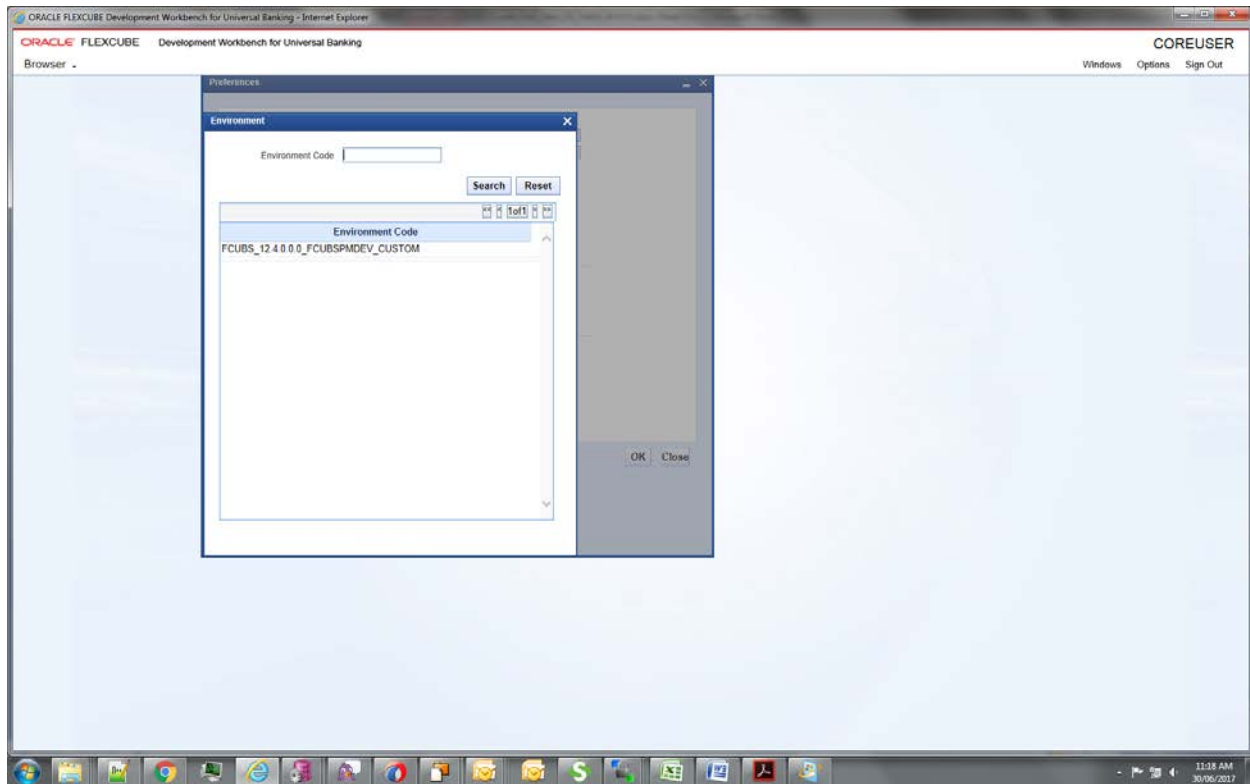
Select Options -> User Preferences



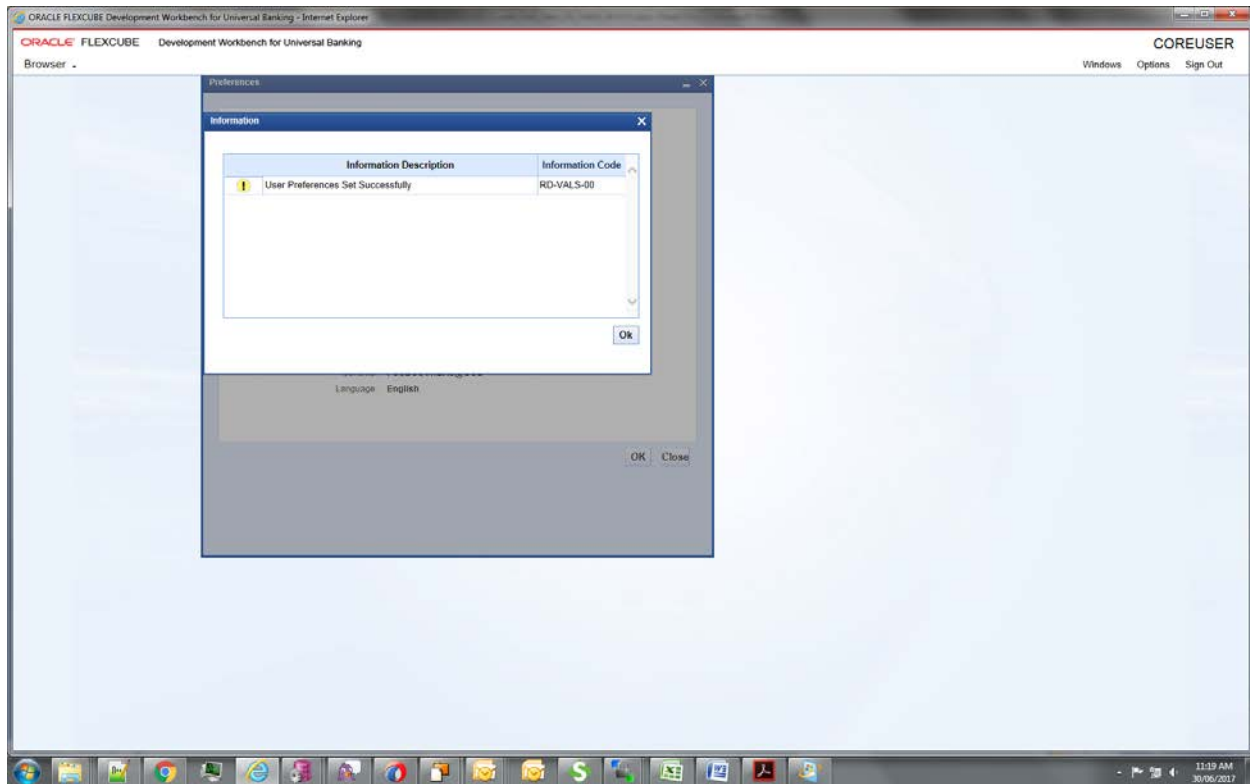
Select the Custom release



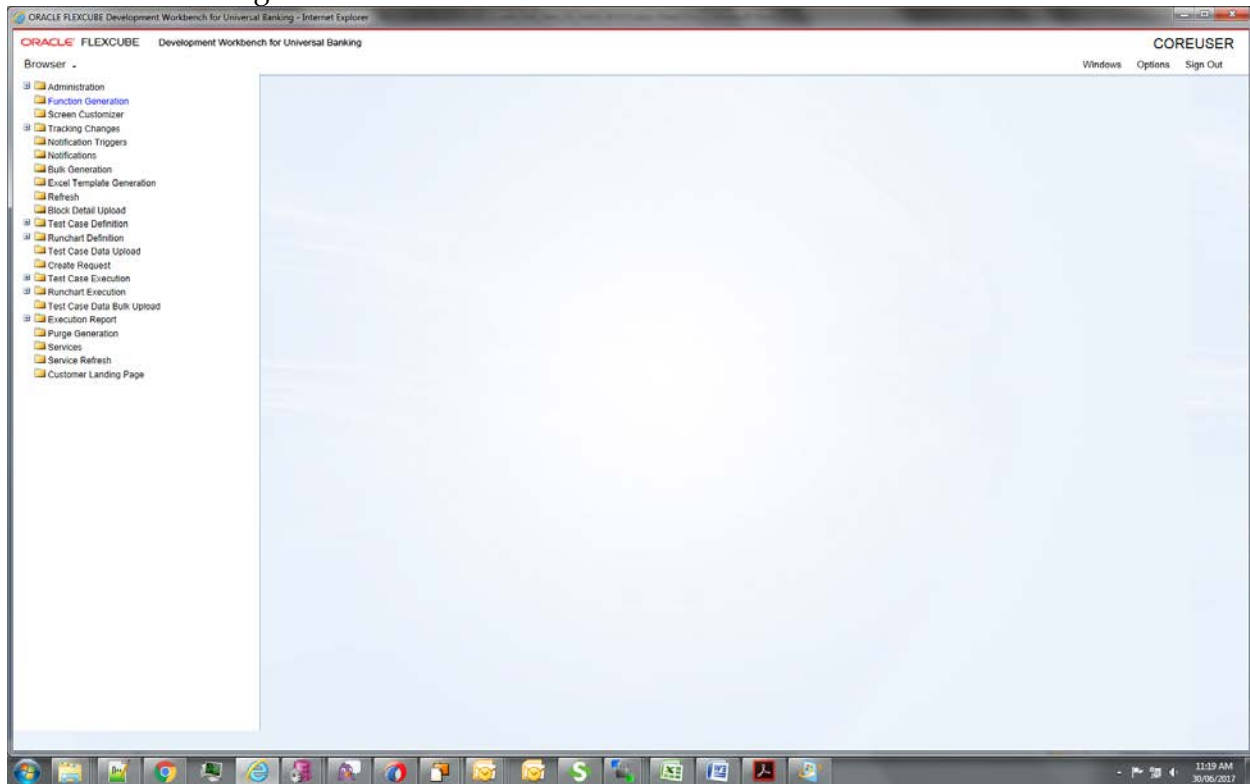
Select the environment



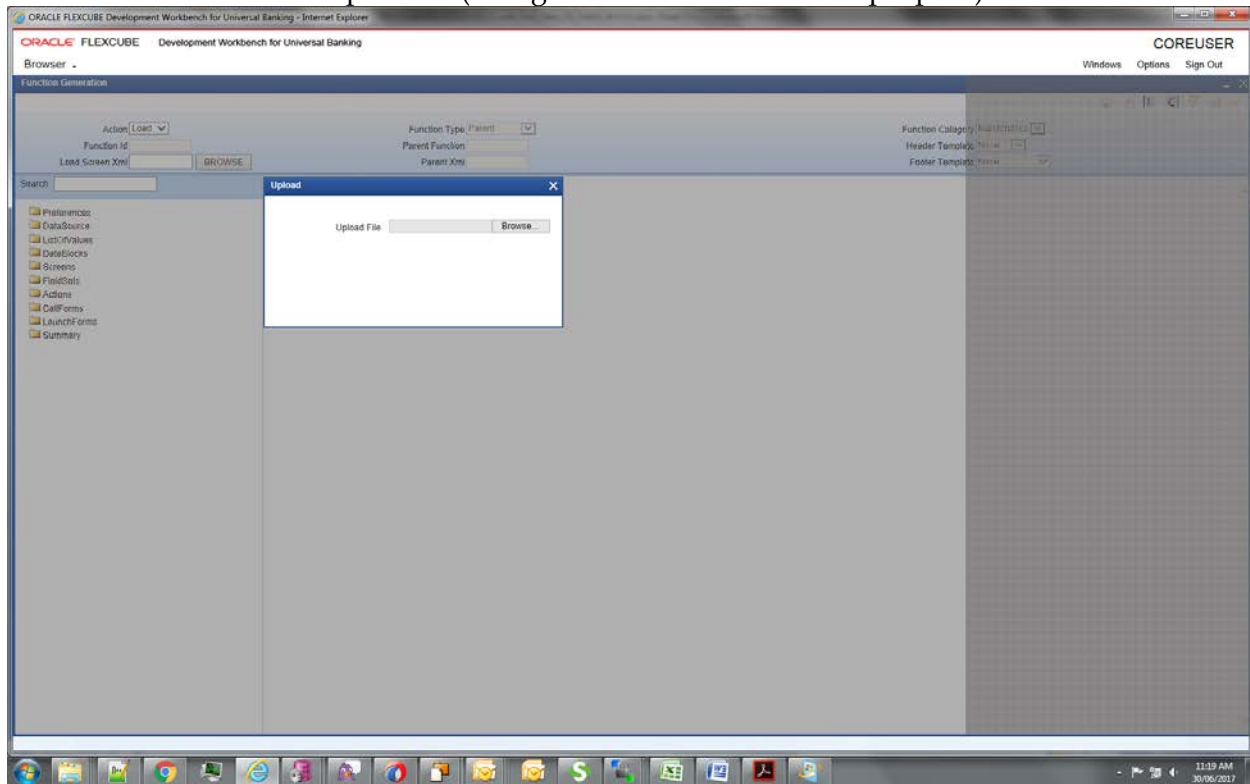
And then click ok



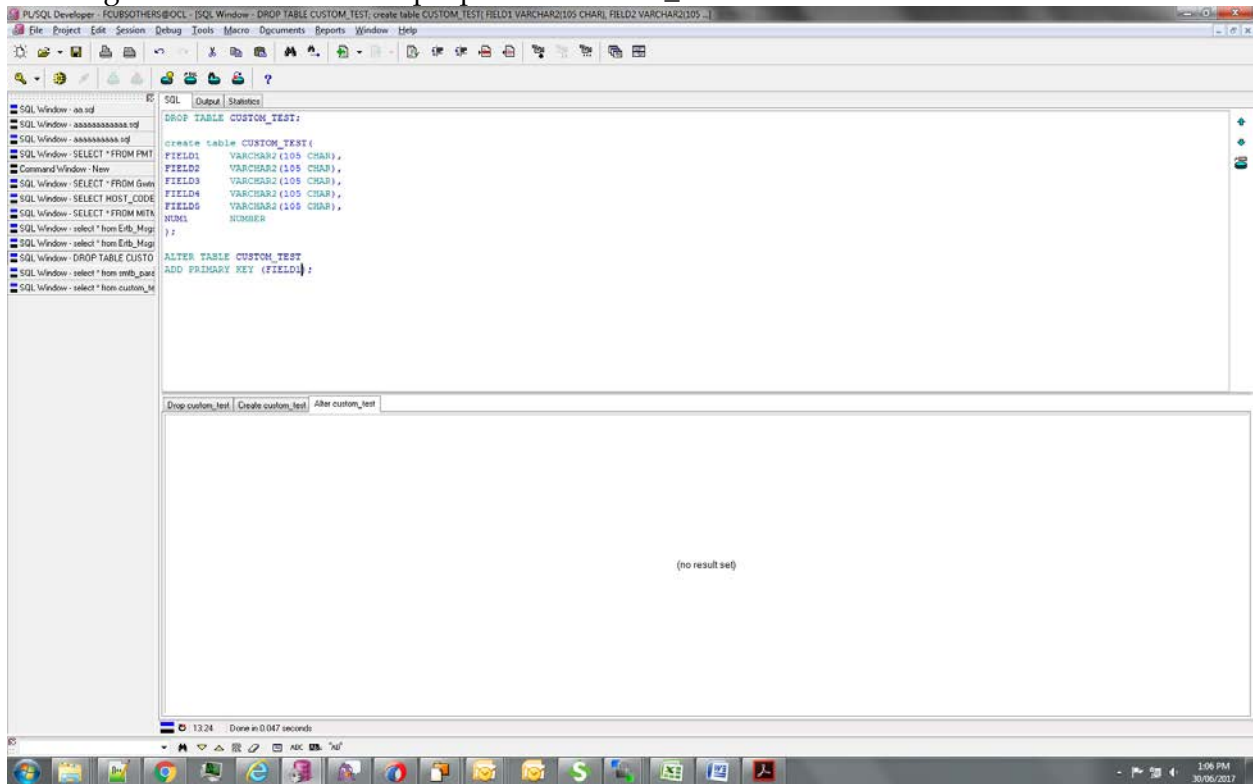
Select the function generation



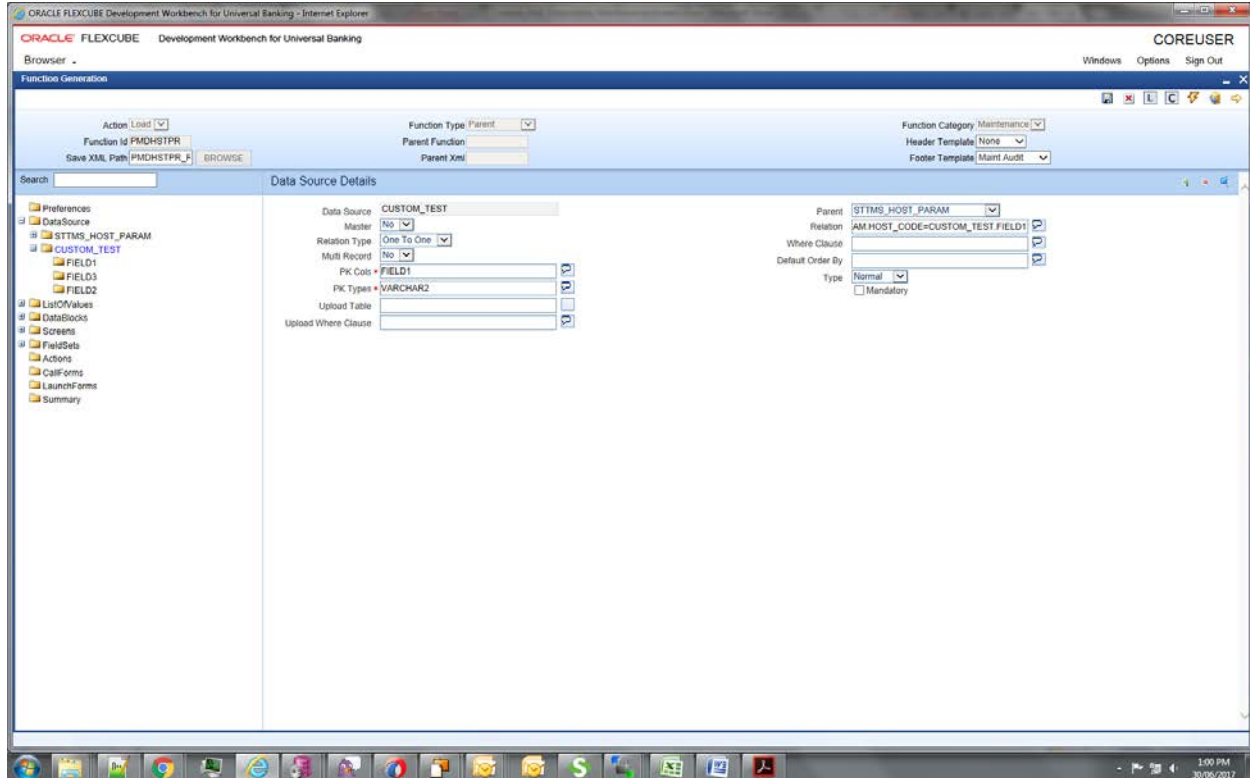
Select the RAD file to be uploaded (Using PWDOTONL for Demo purpose)



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:

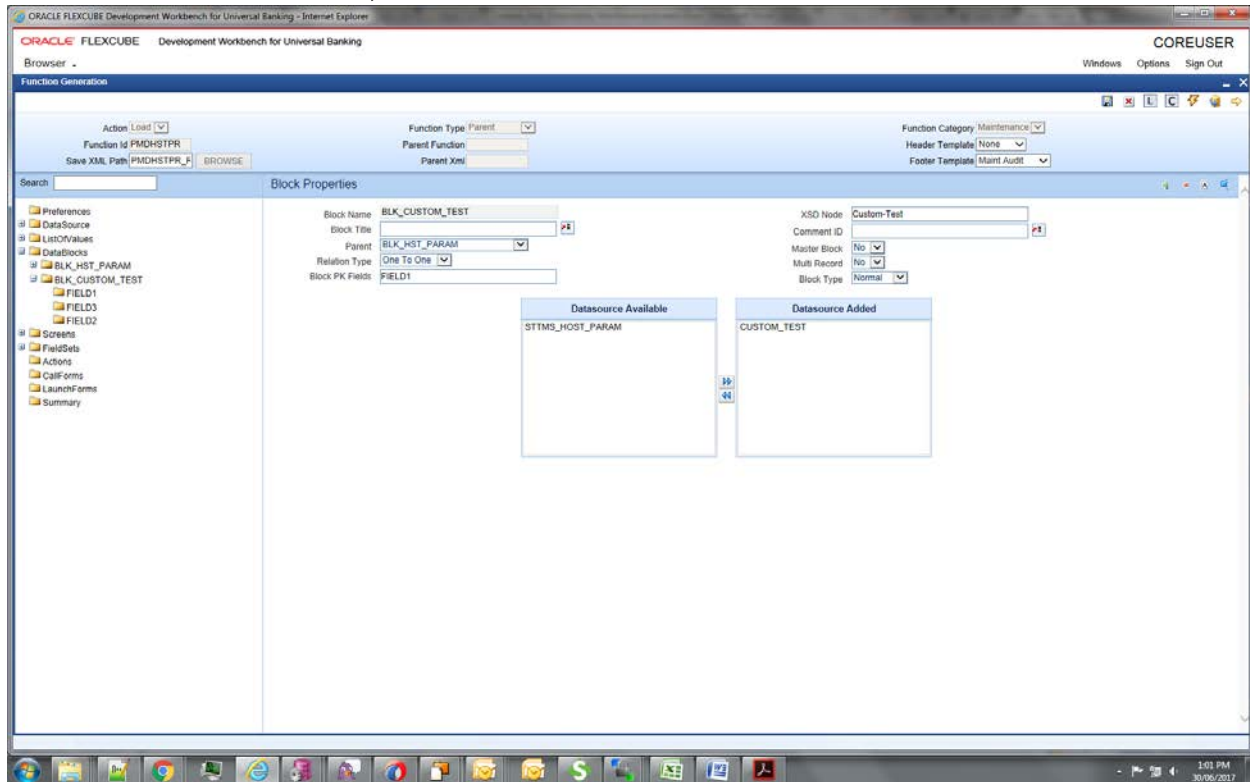
1. Here Field1 is used only for mapping with parent table. It must be part of Data Block and a fieldset (although it could be made invisible, but it has to be present in one of the fieldsets).

2. Relationship given:

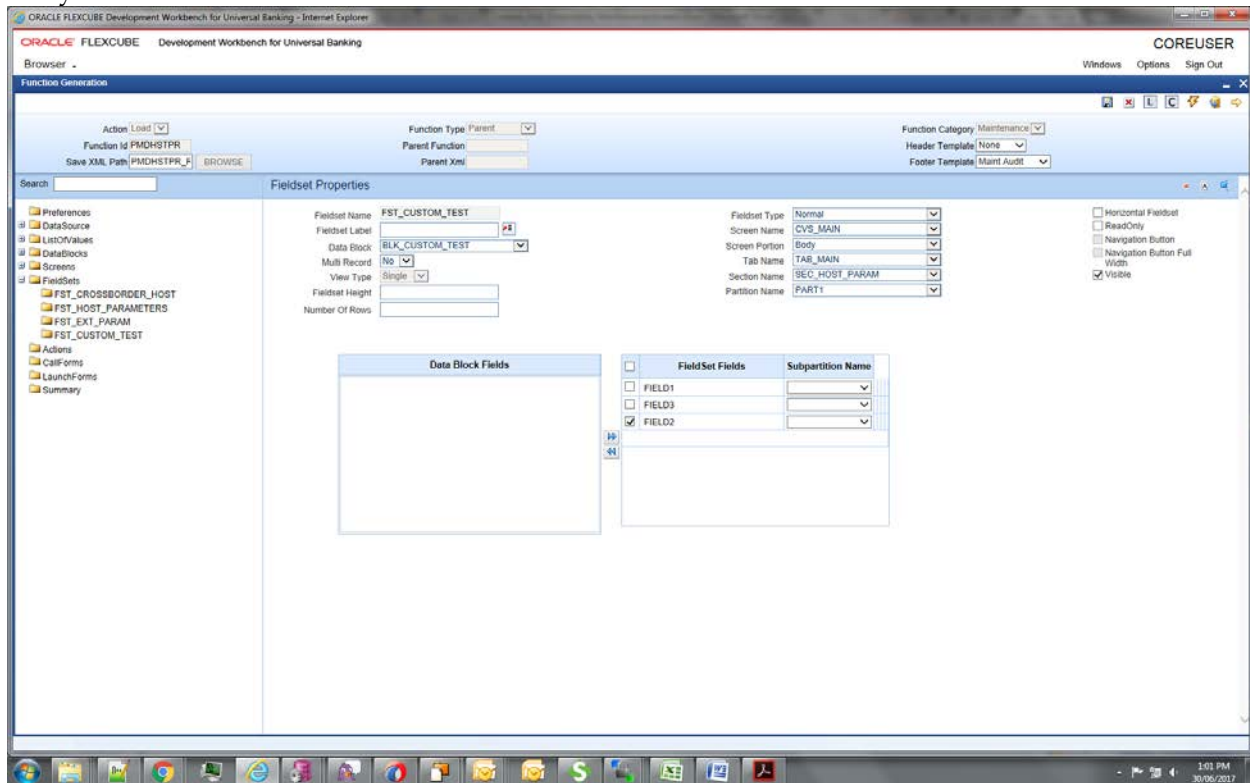
STTMS_HOST_PARAM.HOST_CODE=CUSTOM_TEST.FIELD1

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.

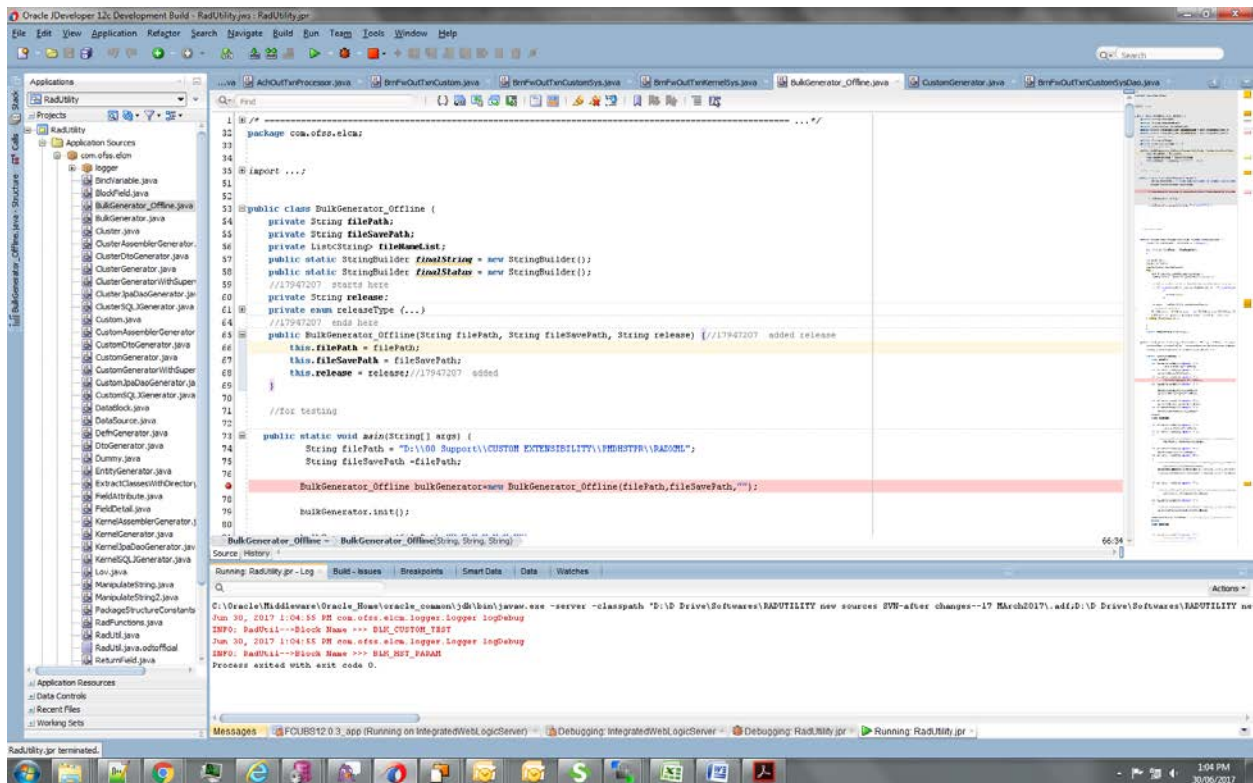


Created a new Field set FST_CUSTOM_TEST and added all the three fields to it. Added it in the Body section.



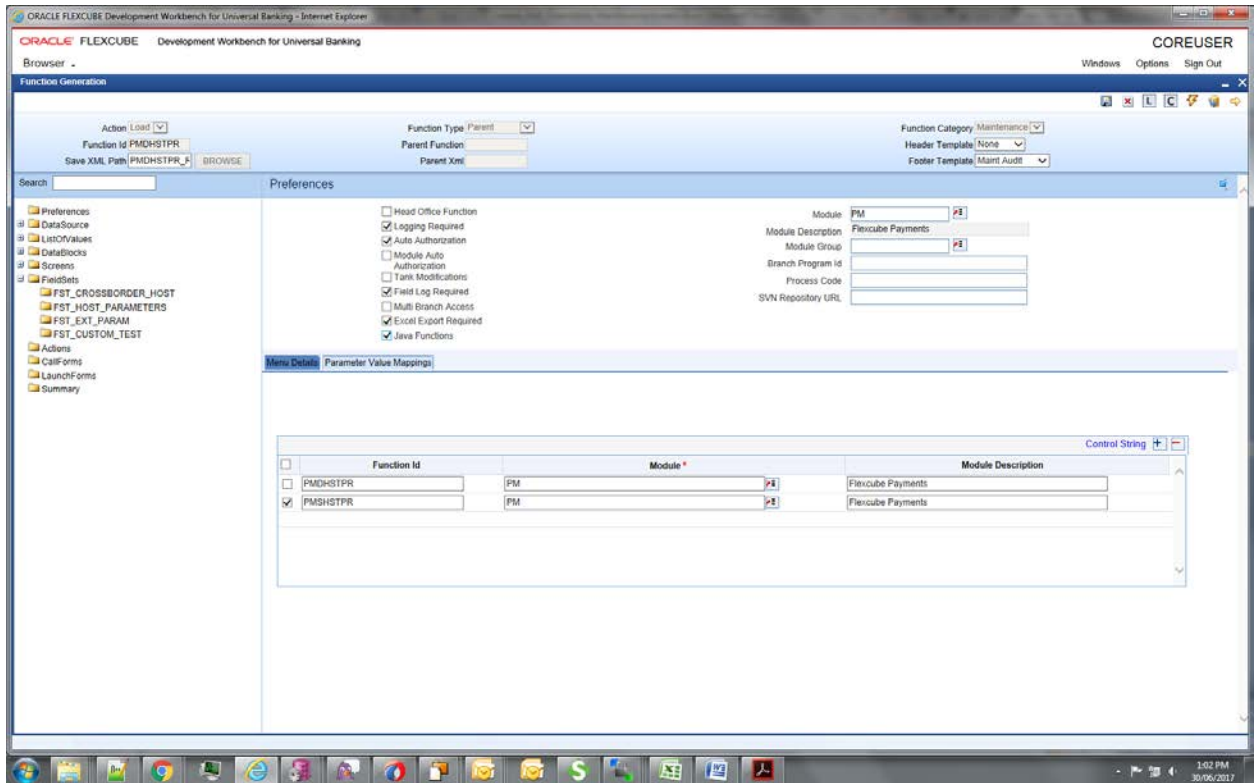
Generated files:

1. Using the RAD utility (local sources)

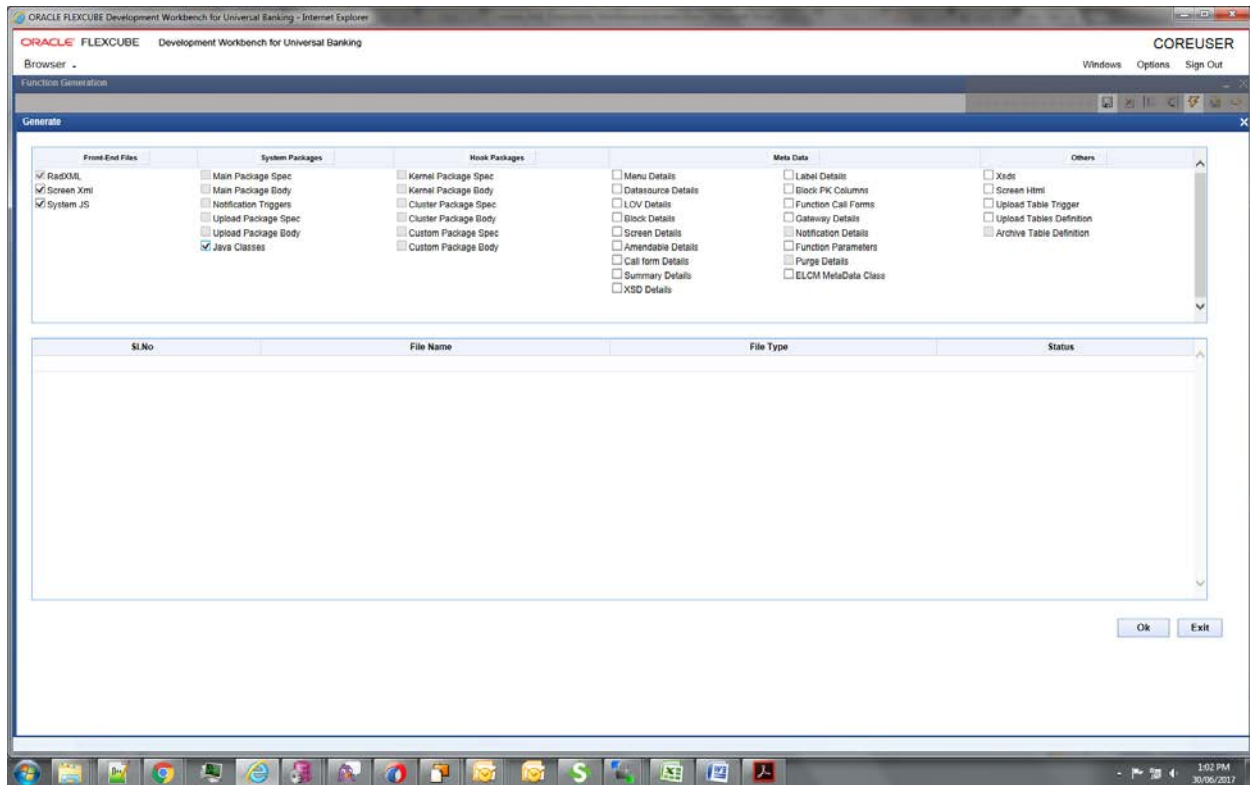


2. Using RADTOOL:

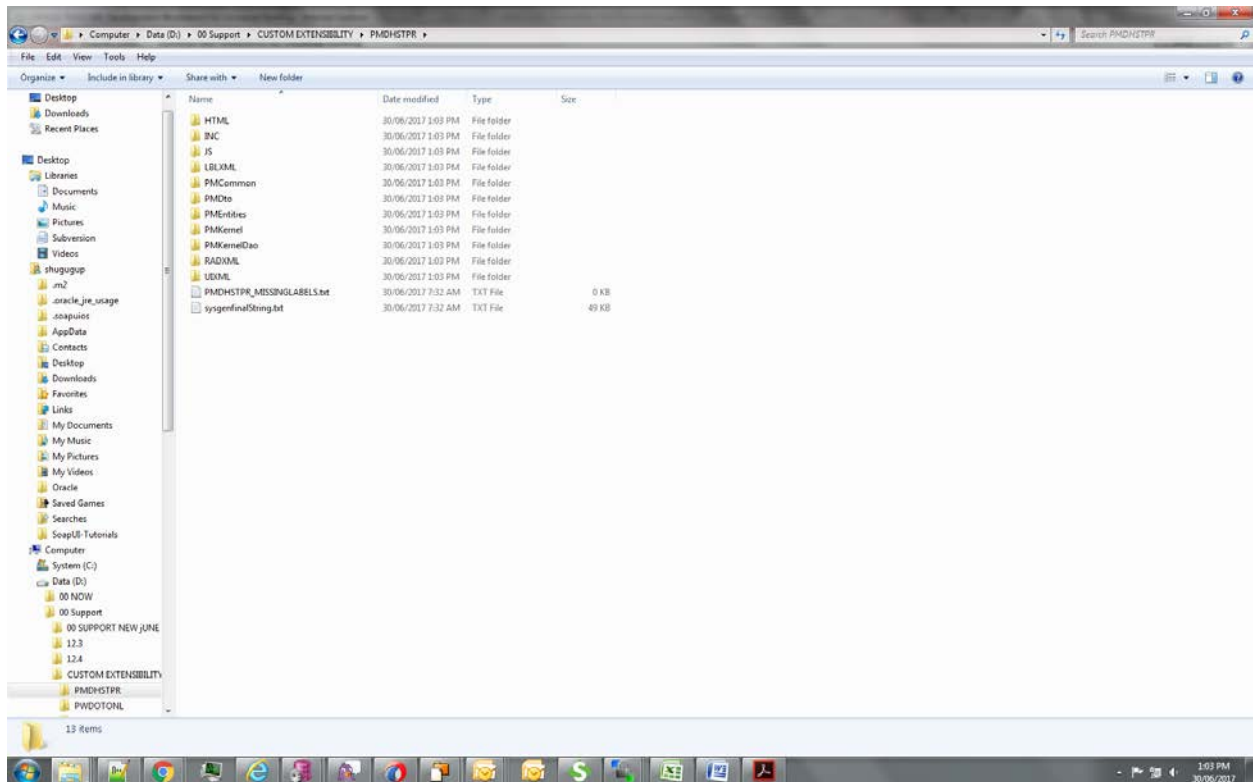
a. Step 1: Check Java functions in preferences



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, UIXML and JS the screen (Blue Circled are the Custom fields)

SHUBHAM1 - 000 - 000 - 000 - Oracle FLEXCUBE12.4.0.0.0 - ENG - Transaction Input - Google Chrome

127.0.0.1:7101/FCJNeoWeb/SMMDFRM.jsp

ORACLE

Multi Factor Not Authenticated Entity : CORE1 Branch : 000 2016-11-15 Window ADMIN PMDHSTPR

Home Interactions Preferences

Host Parameters

New Enter Query

Host Code *

Field 3

Field 2

External Systems

Sanction Check System

Sanction Retry Days

External Exchange Rate System

External Pricing System

External Accounting System

Maker	Date Time	Mod No	Record Status	Exit
Checker	Date Time		Authorization Status	

3:03 PM 30/06/2017

Creating a new record:

The screenshot displays the Oracle Banking Payments Custom RAD Extensibility Maintenance Screens. The browser address bar shows the URL: 127.0.0.1:7101/FC/NeoWeb/SMMCDIFRM.jsp. The Oracle logo is visible in the top left corner. The top navigation bar includes links for Home, Interactions, and Preferences. The main content area is titled 'Host Parameters' and contains a 'Save' button. Below the 'Save' button, there are input fields for 'Host Code' (value: HOSTTEST), 'Field 3' (value: SHUBHAM), and 'Field 2' (value: GUPTA). Under the 'External Systems' section, there are five input fields: 'Sanction Check System', 'Sanction Retry Days', 'External Exchange Rate System', 'External Pricing System', and 'External Accounting System'. At the bottom of the form, there is a table with columns: 'Maker', 'Date Time', 'Mod No', 'Record Status', and 'Authorization Status'. The 'Maker' column contains the value 'Checker'. The 'Date Time' column contains the value 'Date Time'. The 'Mod No' column contains the value '2'. The 'Record Status' column contains the value 'Open'. The 'Authorization Status' column contains the value 'Status'. A 'Cancel' button is located at the bottom right of the form. The bottom of the screen shows a Windows taskbar with various application icons and a system clock indicating 2:48 PM on 30/06/2017.

Host Parameters

Save

Host Code * HOSTTEST

Field 3 SHUBHAM

Field 2 GUPTA

External Systems

Sanction Check System

Sanction Retry Days

External Exchange Rate System

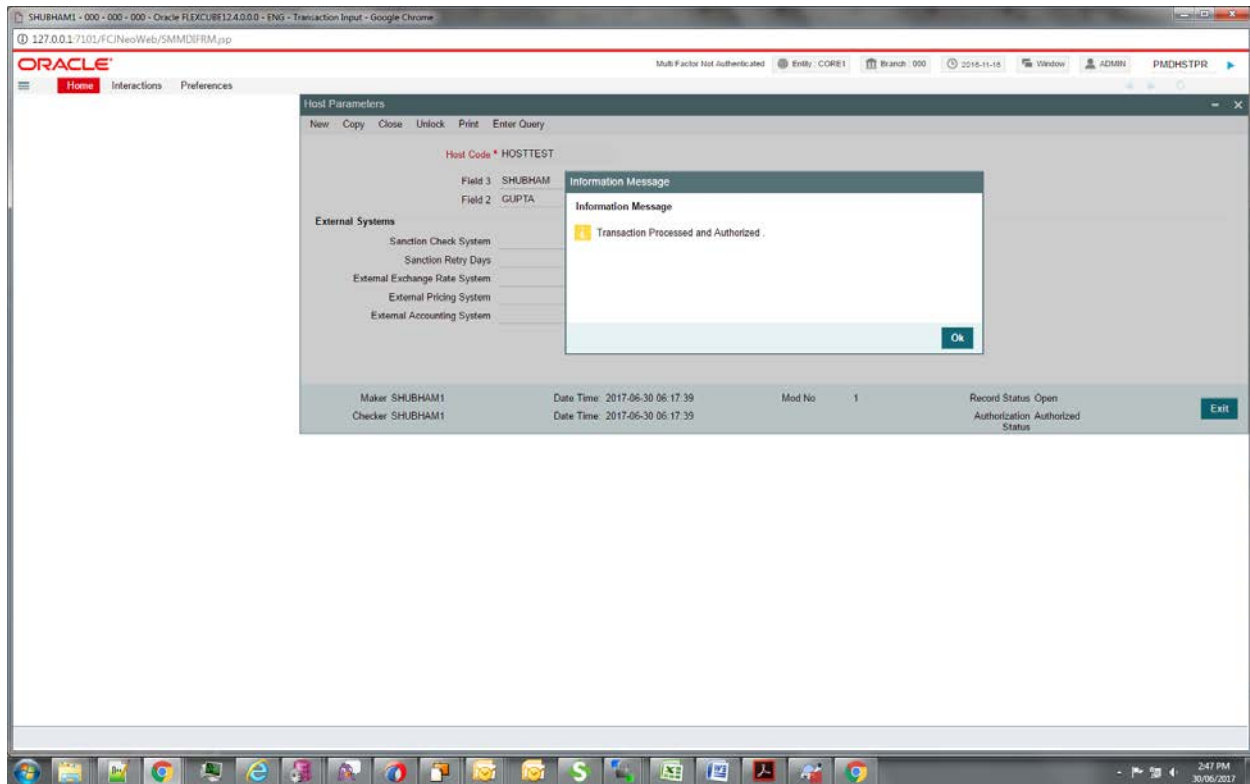
External Pricing System

External Accounting System

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

Cancel

Record saved



The screenshot displays the PL/SQL Developer application window. The title bar indicates the active session is 'PL/SQL Developer - FCU\BIO\THEPS@OOL - SQL Window - select * from custom_test; select to_char(171811112293E15) from dual;'. The menu bar includes File, Project, Edit, Session, Debug, Tools, Macro, Documents, Reports, Window, and Help. The toolbar contains icons for file operations, editing, and execution. The left-hand pane shows a project tree with several SQL files, including 'SQL Window - aa.sql' and 'SQL Window - aaaaaaa.sql'. The main workspace is divided into two tabs: 'SQL' and 'Output'. The 'SQL' tab is active, showing the query: `select * from custom_test;`. Below the query, a table of results is displayed with columns FIELD1, FIELD2, FIELD3, FIELD4, FIELD5, and NUM1. The first row contains the values 'HOSTTEST', 'GUPTA', 'SHUBHAM', and empty cells for FIELD4, FIELD5, and NUM1. The status bar at the bottom indicates '2:1' and '1 row selected in 0.047 seconds'.

FIELD1	FIELD2	FIELD3	FIELD4	FIELD5	NUM1
HOSTTEST	GUPTA	SHUBHAM			



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Version 14.7.0.0.0

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