

Custom RAD Extensibility Maintenance Screens  
Oracle Banking Payments  
Release 14.4.0.0.0  
[May 2020]



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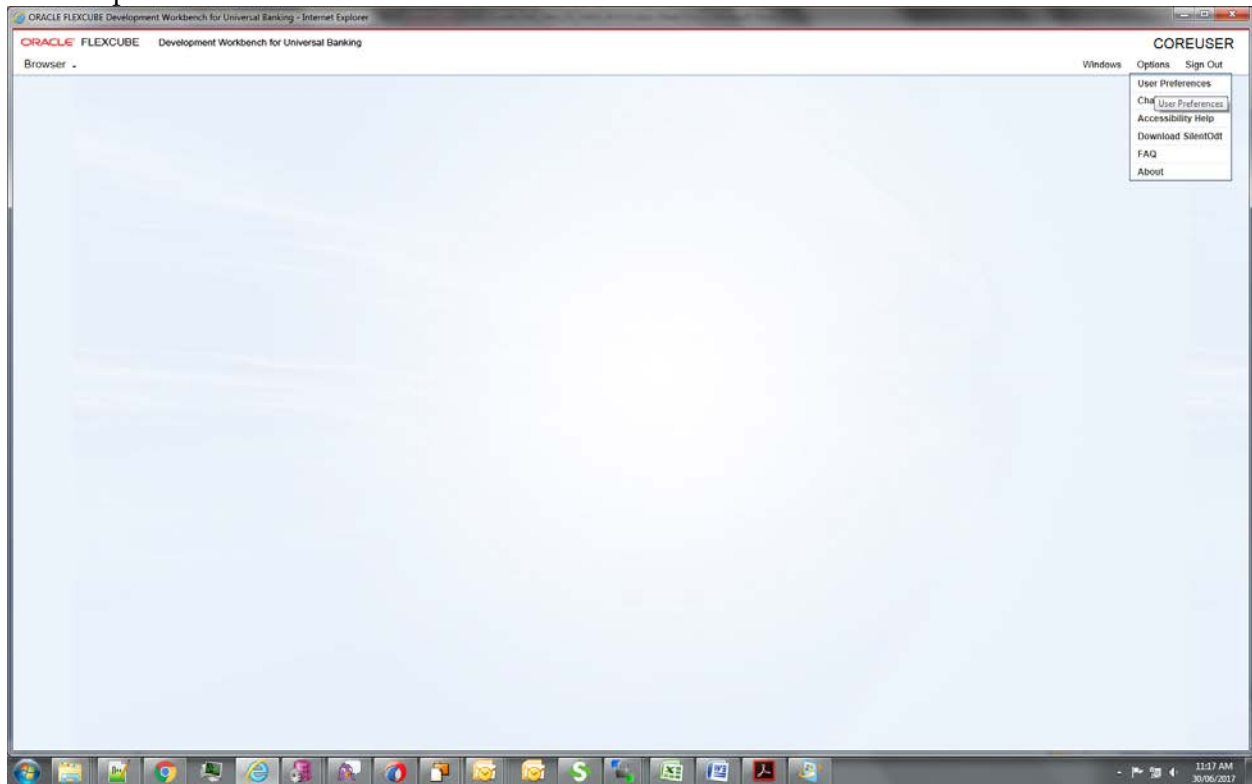
# 1 Preface

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

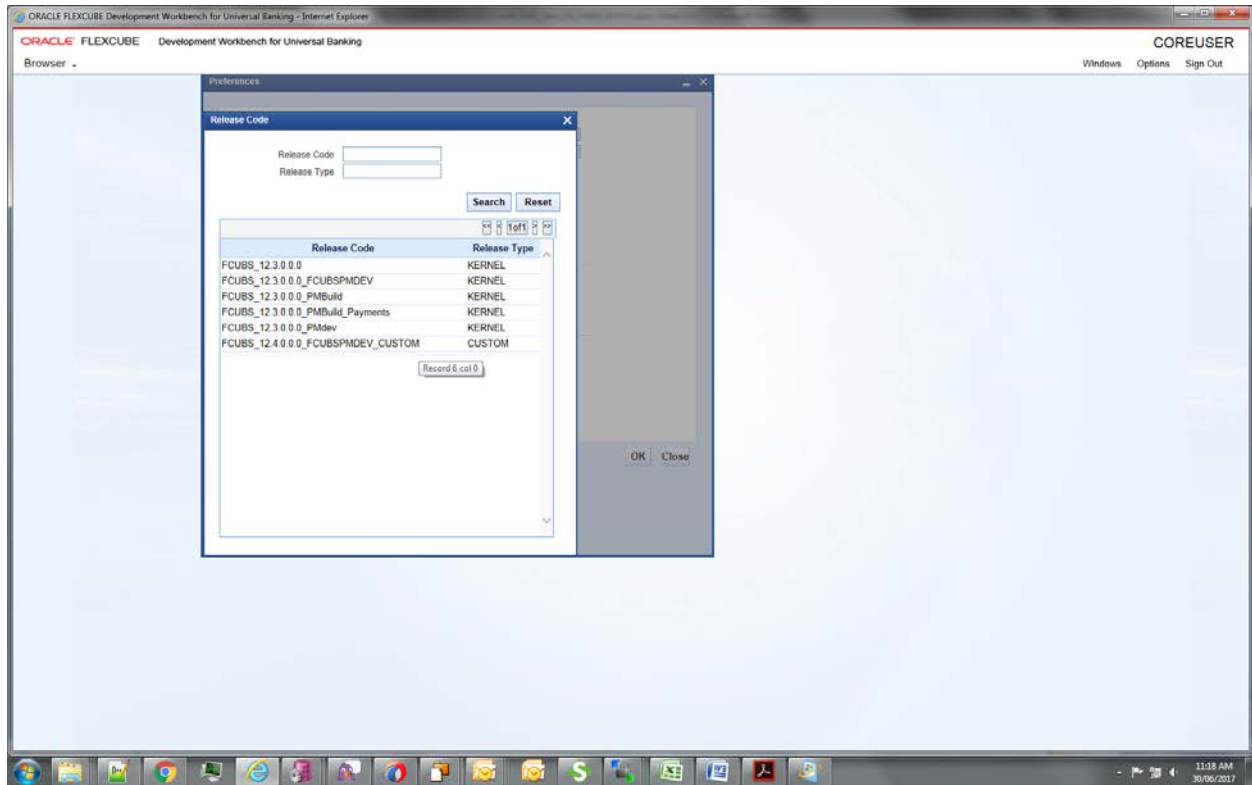
## 2 Approach

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.

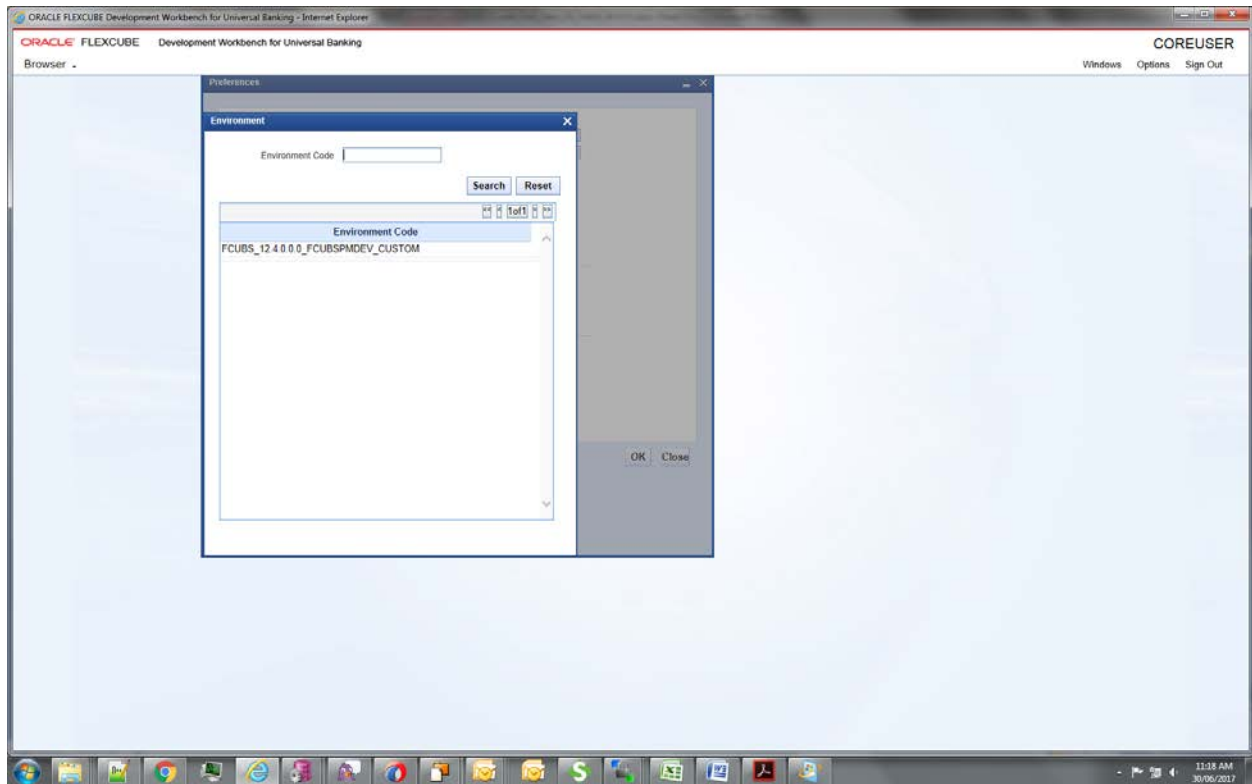
## Select Options -> User Preferences



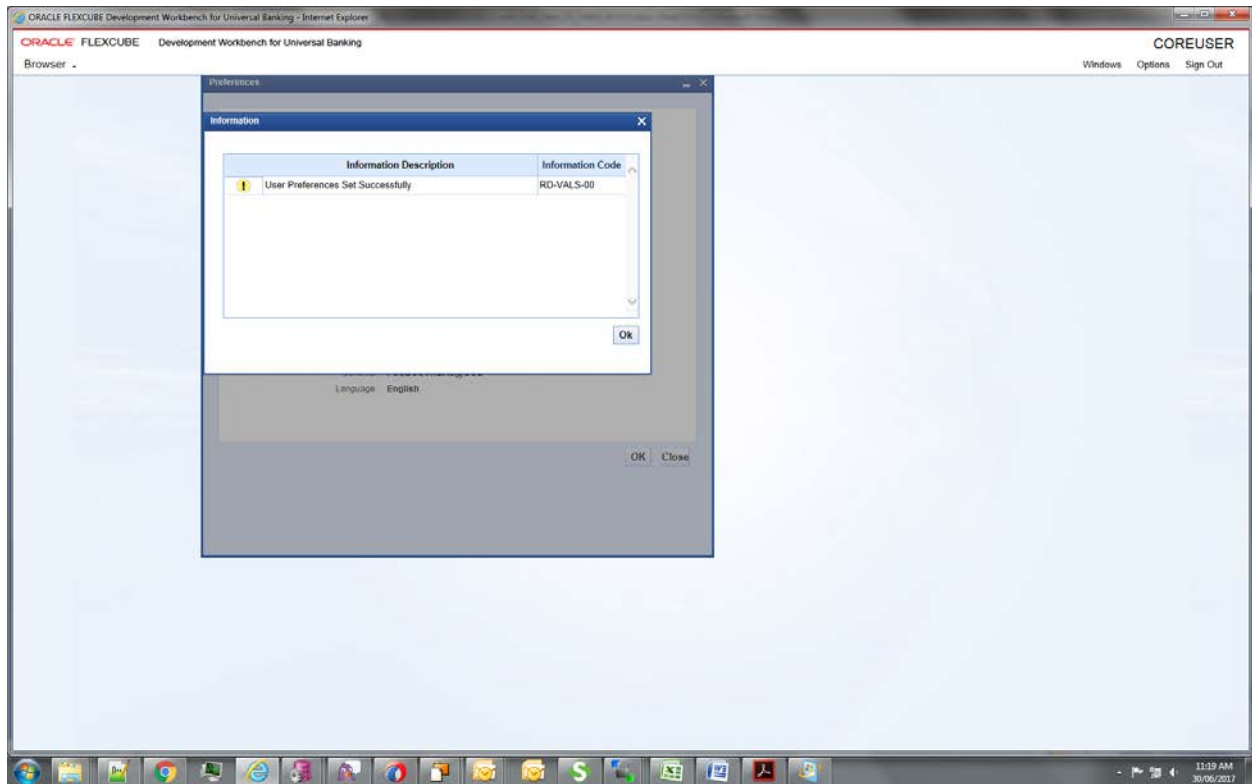
## Select the Custom release



## Select the environment

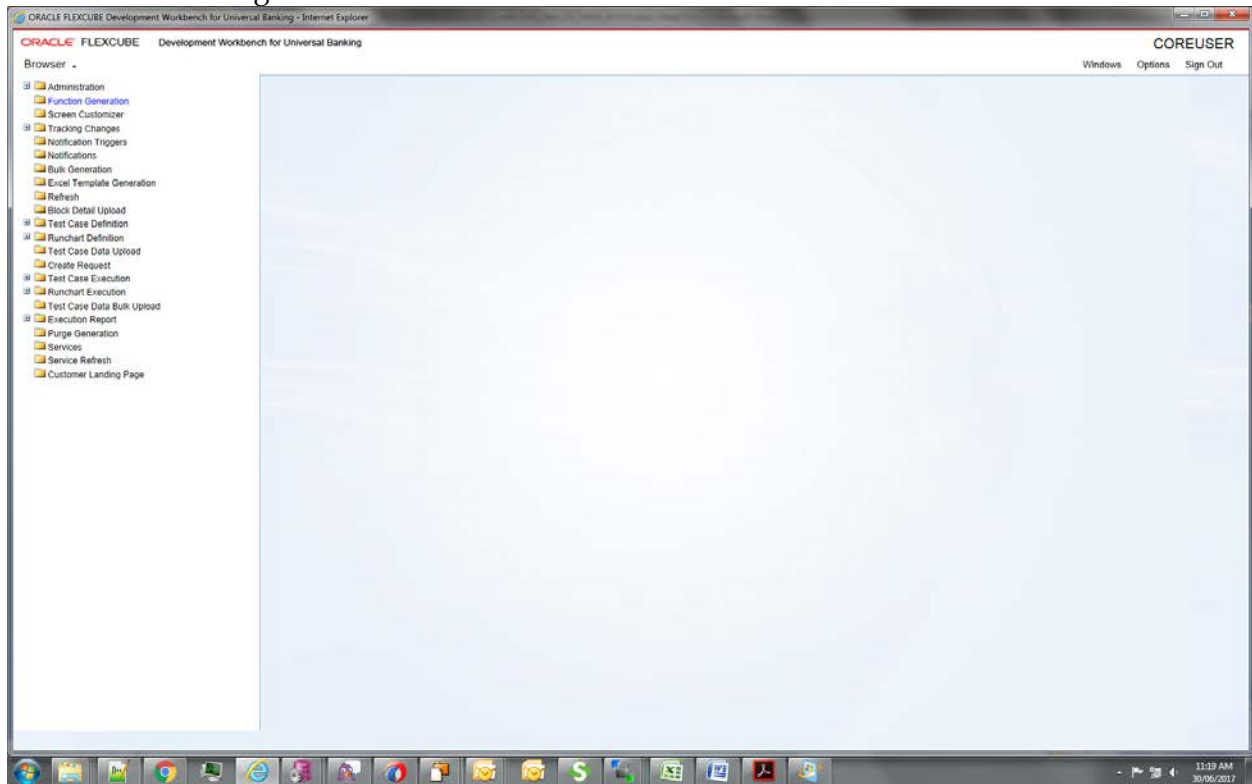


And then click ok

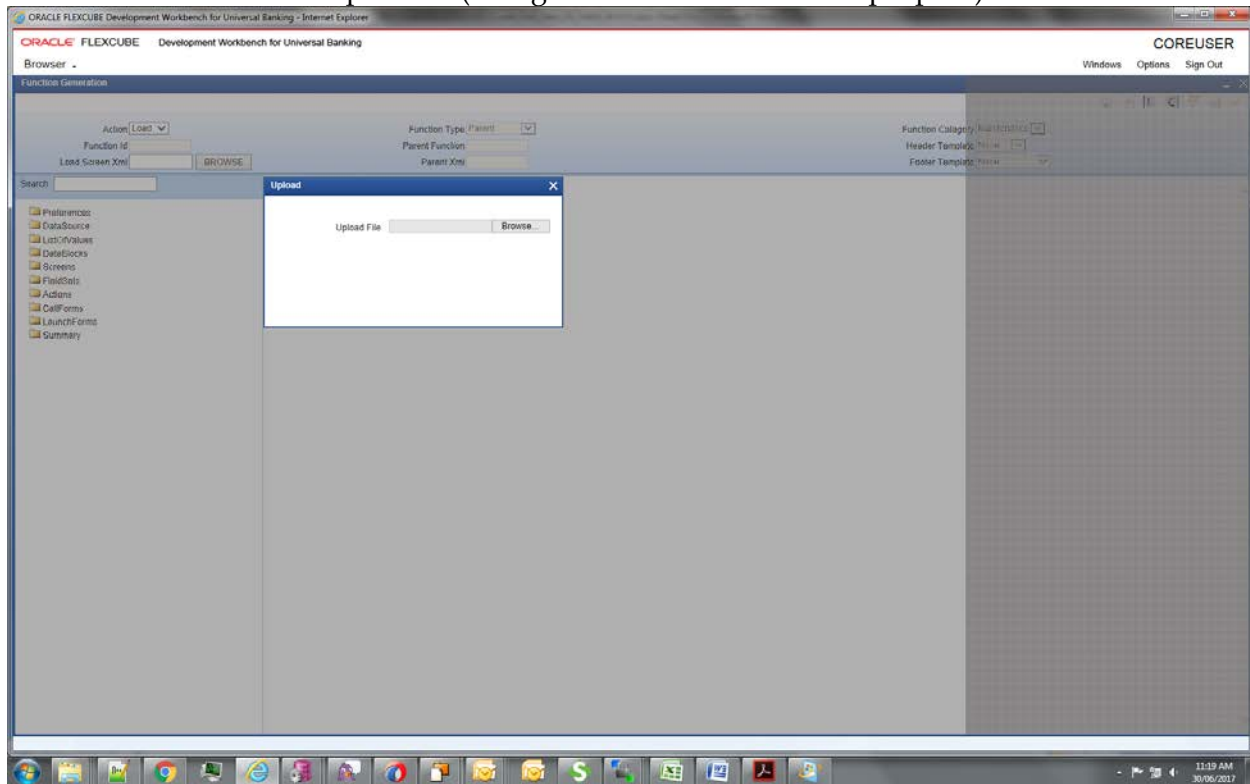




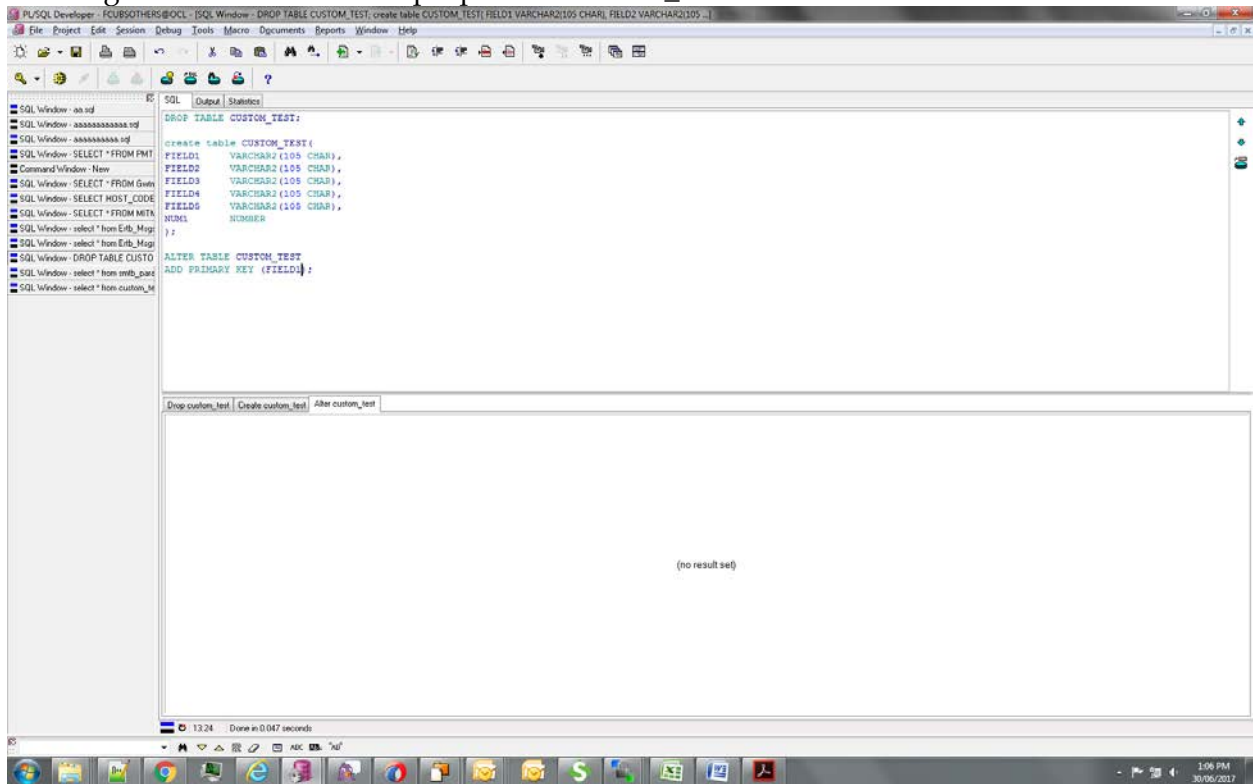
## Select the function generation



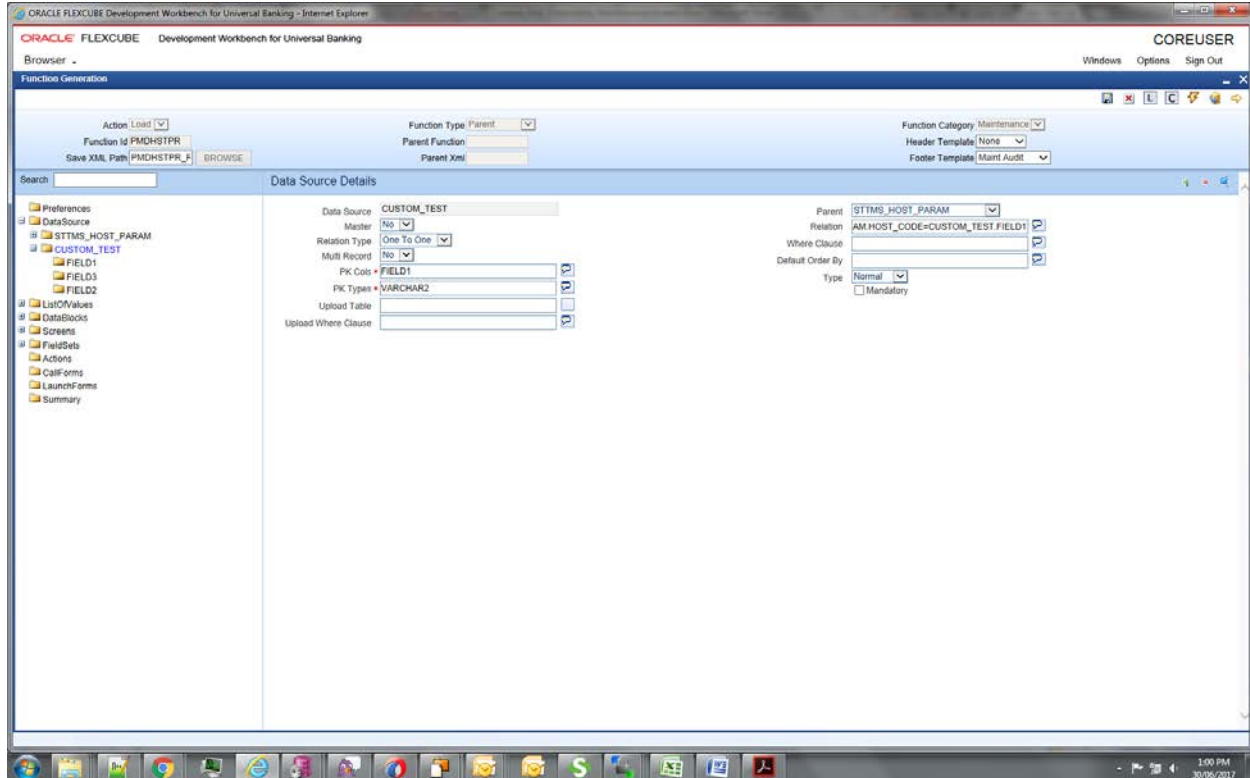
Select the RAD file to be uploaded (Using PWDOTONL for Demo purpose)



## 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

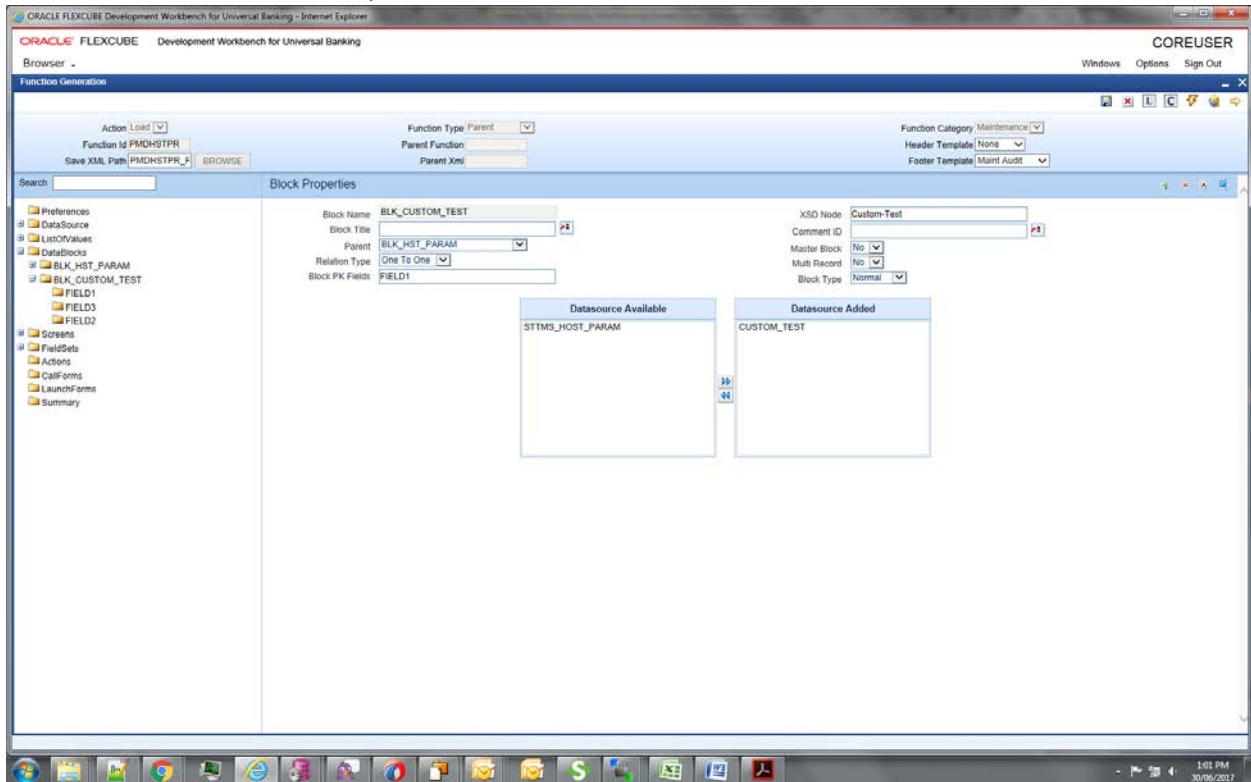


Points to note:

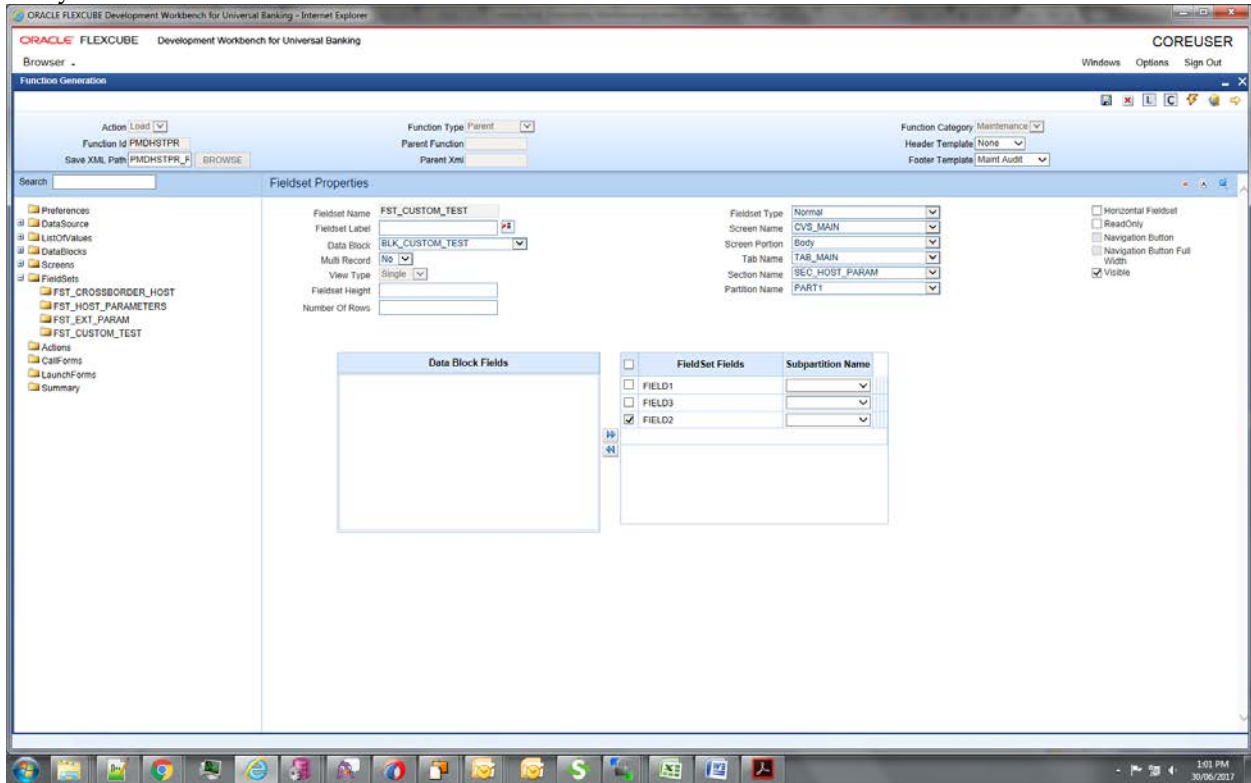
1. Here Field1 is used only for mapping with parent table. It must be part of Data Block and a fieldset (although it could be made invisible, but it has to be present in one of the fieldsets).
2. Relationship given:  
STTMS\_HOST\_PARAM.HOST\_CODE=CUSTOM\_TEST.FIELD1

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.

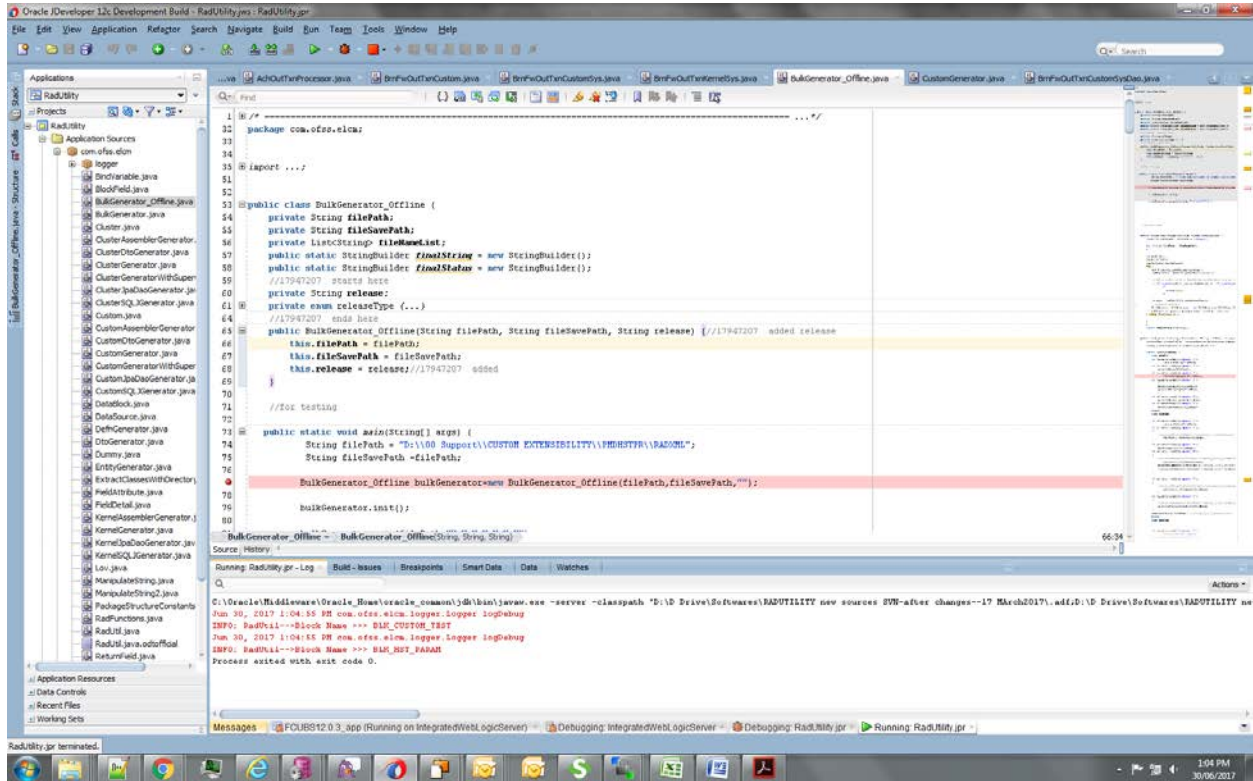


Created a new Field set FST\_CUSTOM\_TEST and added all the three fields to it. Added it in the Body section.



## 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 for the function "PMSHSTPR". The "Function Type" is set to "Parent". The "Function Category" is "Maintenance", and the "Header Template" is "None". The "Footer Template" is "Maint Audit".

The "Preferences" section includes several checkboxes:

- 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.

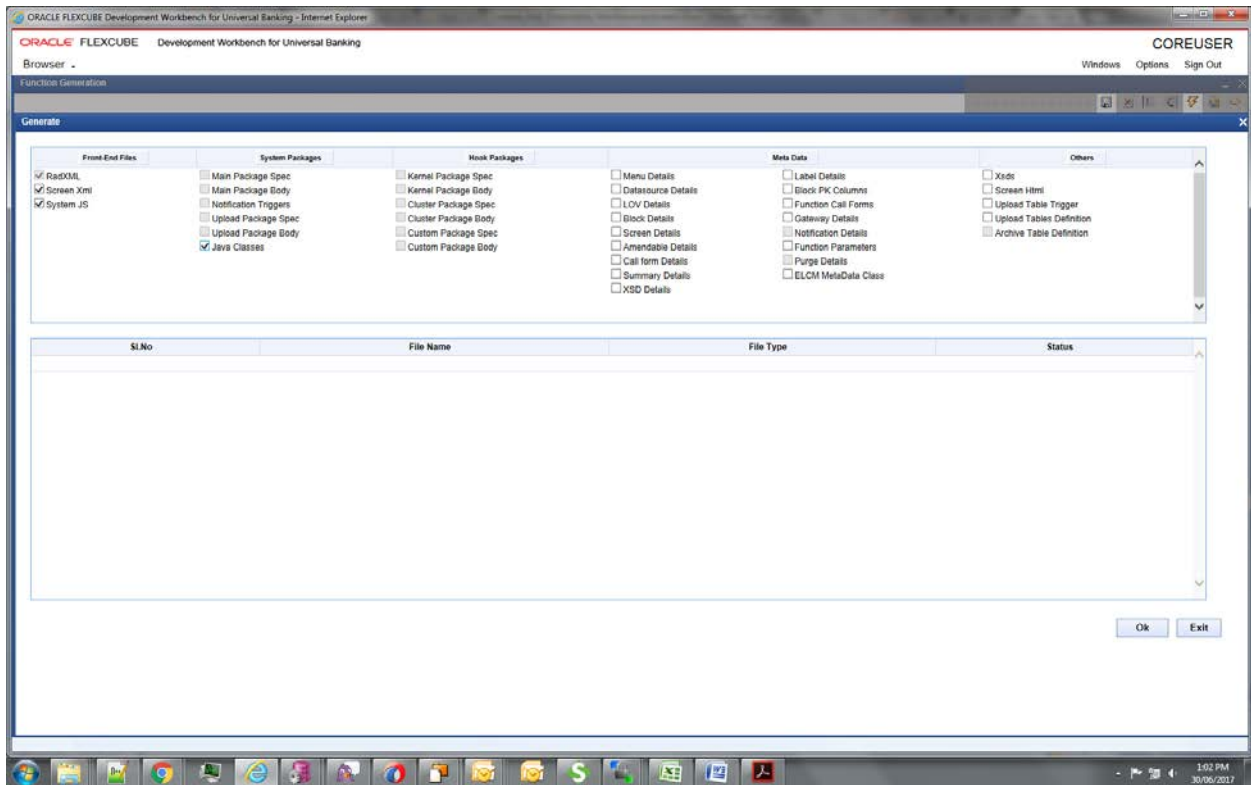
The "Parameter Value Mappings" section shows a table with the following data:

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

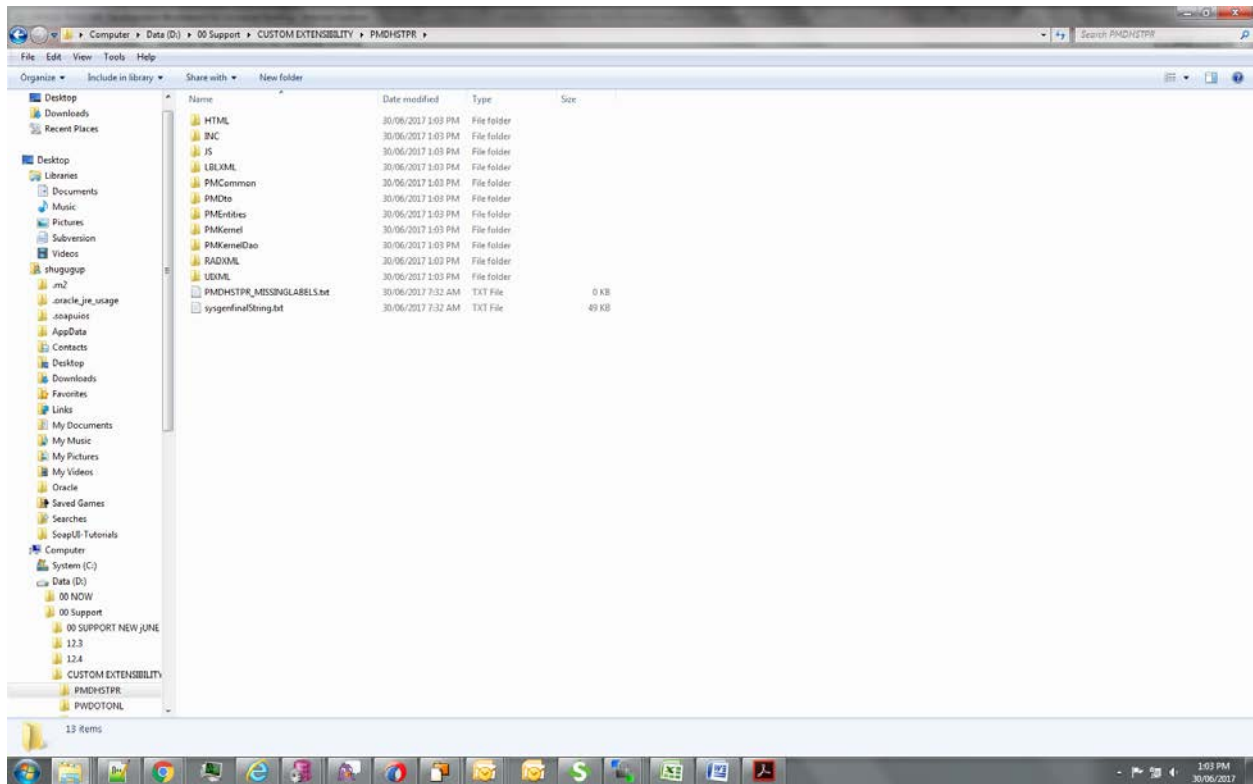
The taskbar at the bottom shows the system clock as 3:05 PM on 30/06/2017.



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



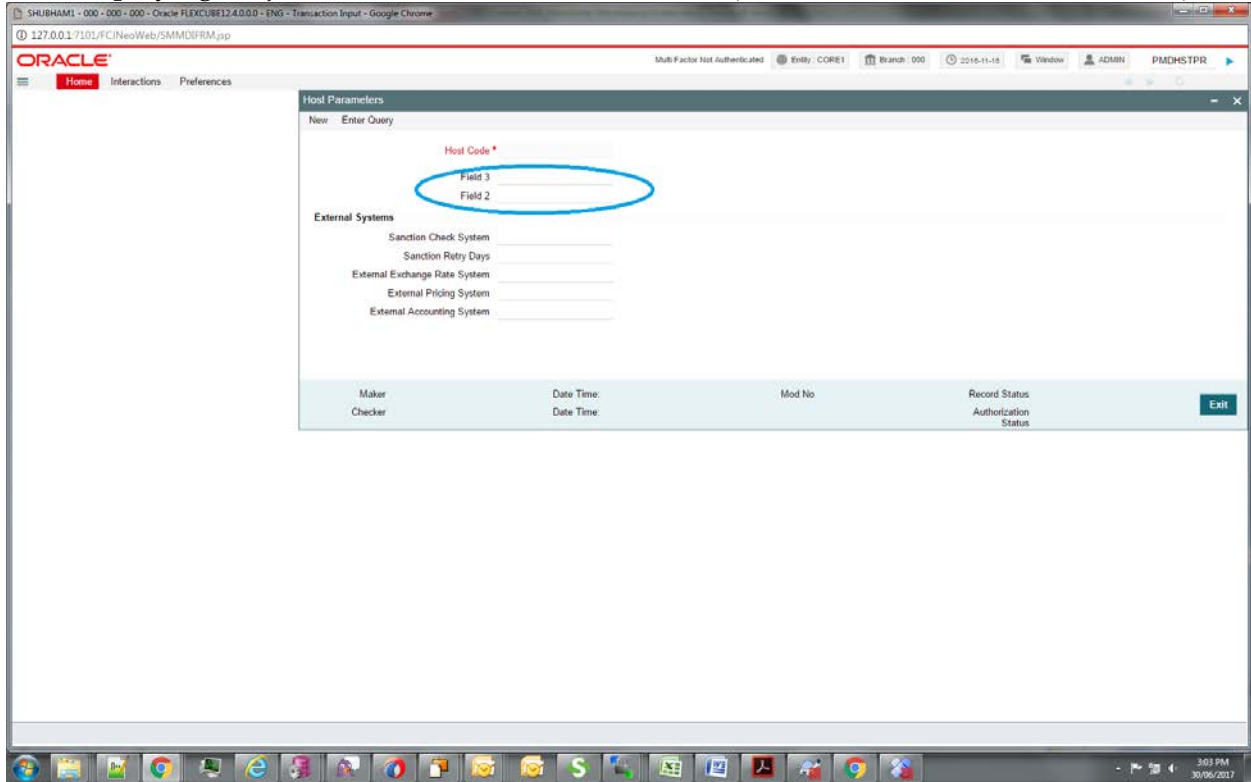
## Generated folders



### 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 main window is titled "Host Parameters" and contains the following fields and sections:

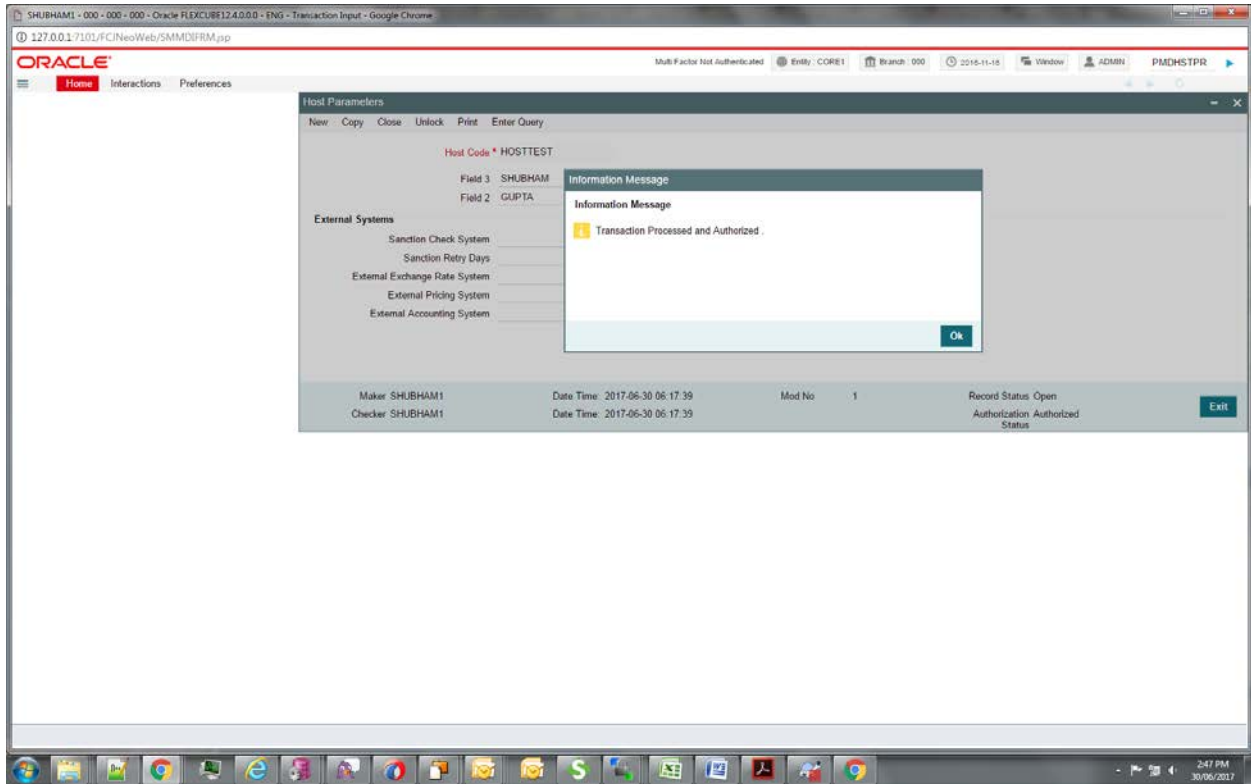
- Host Code:** \* HOSTTEST
- Field 3:** SHUBHAM
- Field 2:** GUPTA
- External Systems:**
  - Sanction Check System
  - Sanction Retry Days
  - External Exchange Rate System
  - External Pricing System
  - External Accounting System

At the bottom of the dialog box, there is a summary section with the following information:

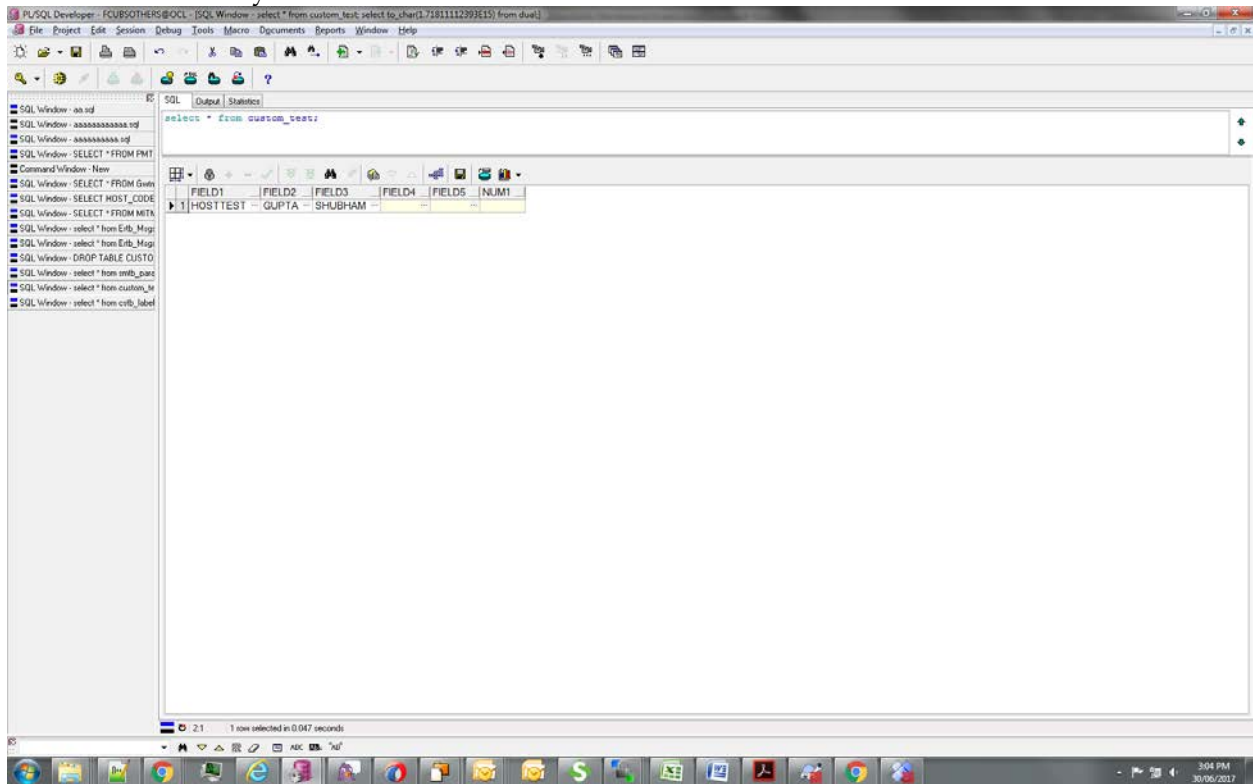
Maker	Date Time	Mod No	2	Record Status	Open
Checker	Date Time	Authorization		Status	

A "Cancel" button is located at the bottom right of the dialog box. The background shows the Oracle Banking interface with the Oracle logo and navigation tabs for Home, Interactions, and Preferences. The system status bar at the top indicates "Multi Factor Not Authenticated", "Entity: CORE1", "Branch: 000", "2016-11-16", "Window", "ADMIN", and "PMDHSTPR". The Windows taskbar at the bottom shows the time as 2:48 PM on 30/06/2017.

Record saved



## Backend table Entry





Oracle Banking Payments Custom RAD Extensibility Maintenance Screens  
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Version 14.4.0.0.0

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