

Custom RAD Extensibility Maintenance Screens  
Oracle FLEXCUBE Payments  
Release 12.4.0.0.0  
[May] [2017]



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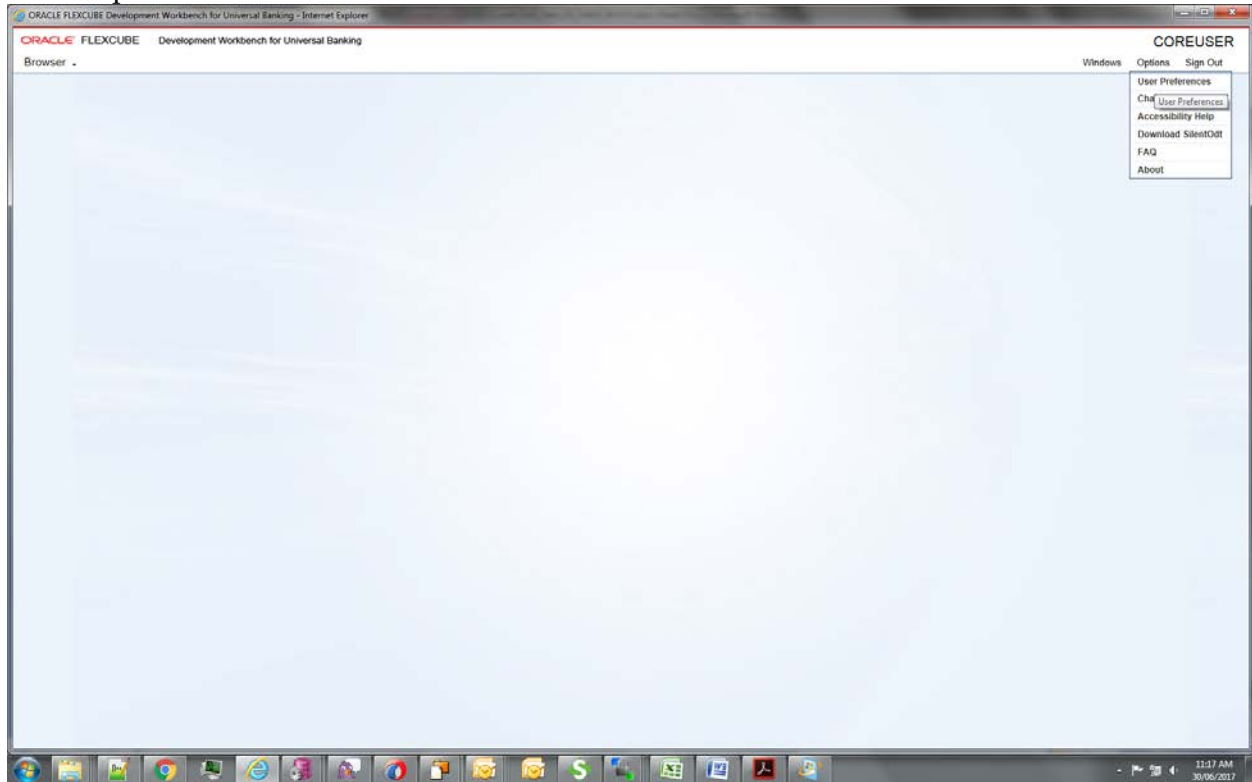
# 1 Preface

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

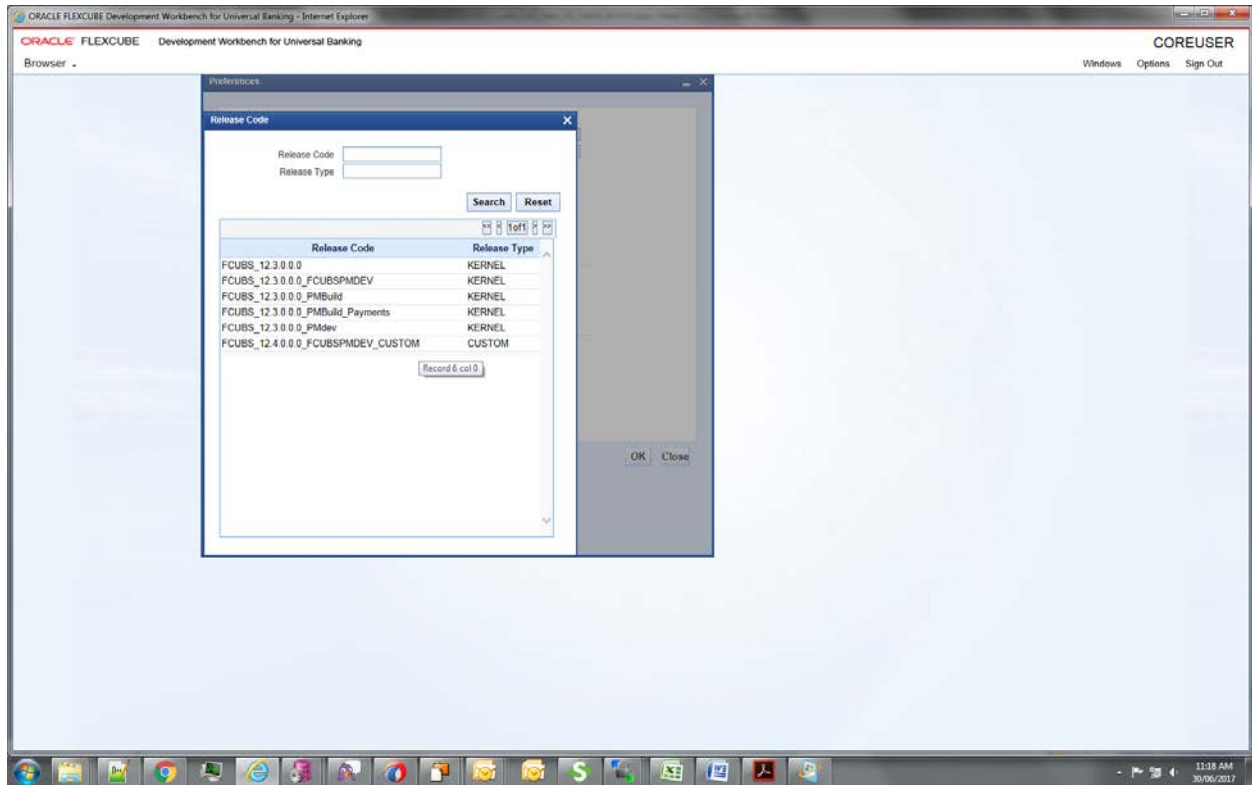
## 2 Approach

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.

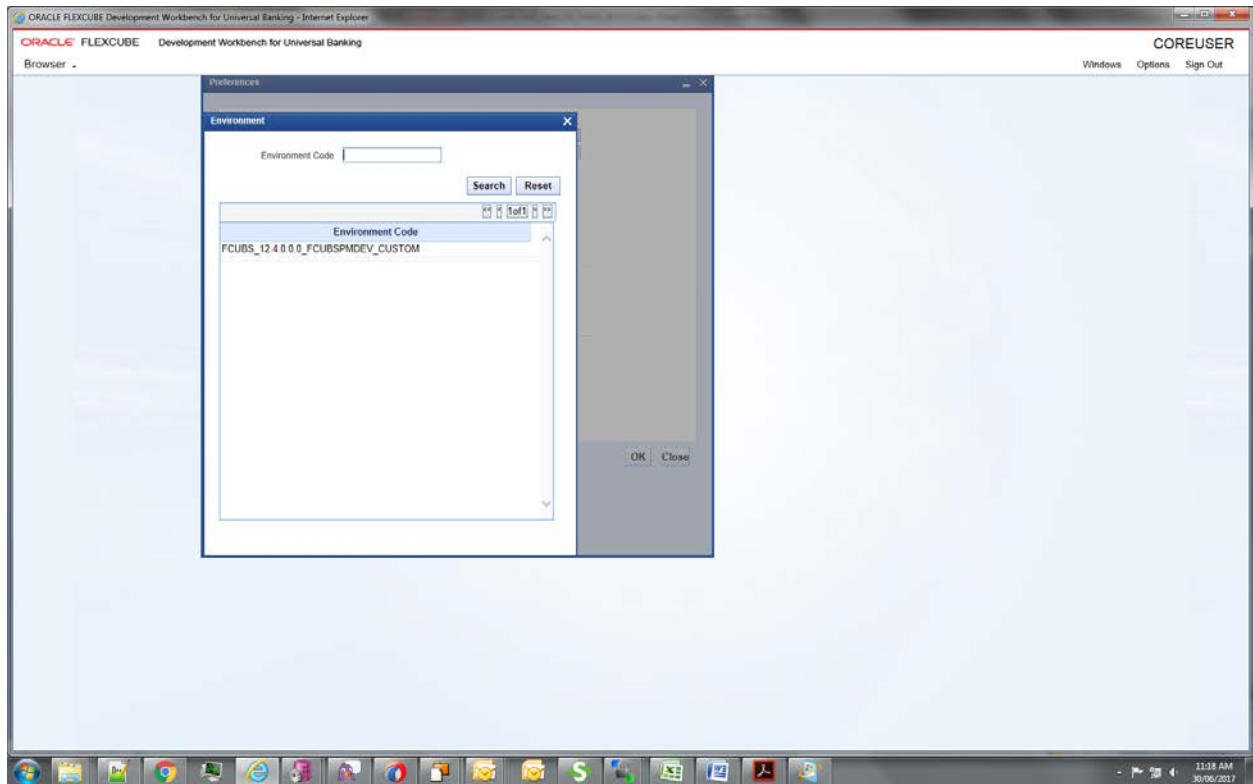
## Select Options -> User Preferences



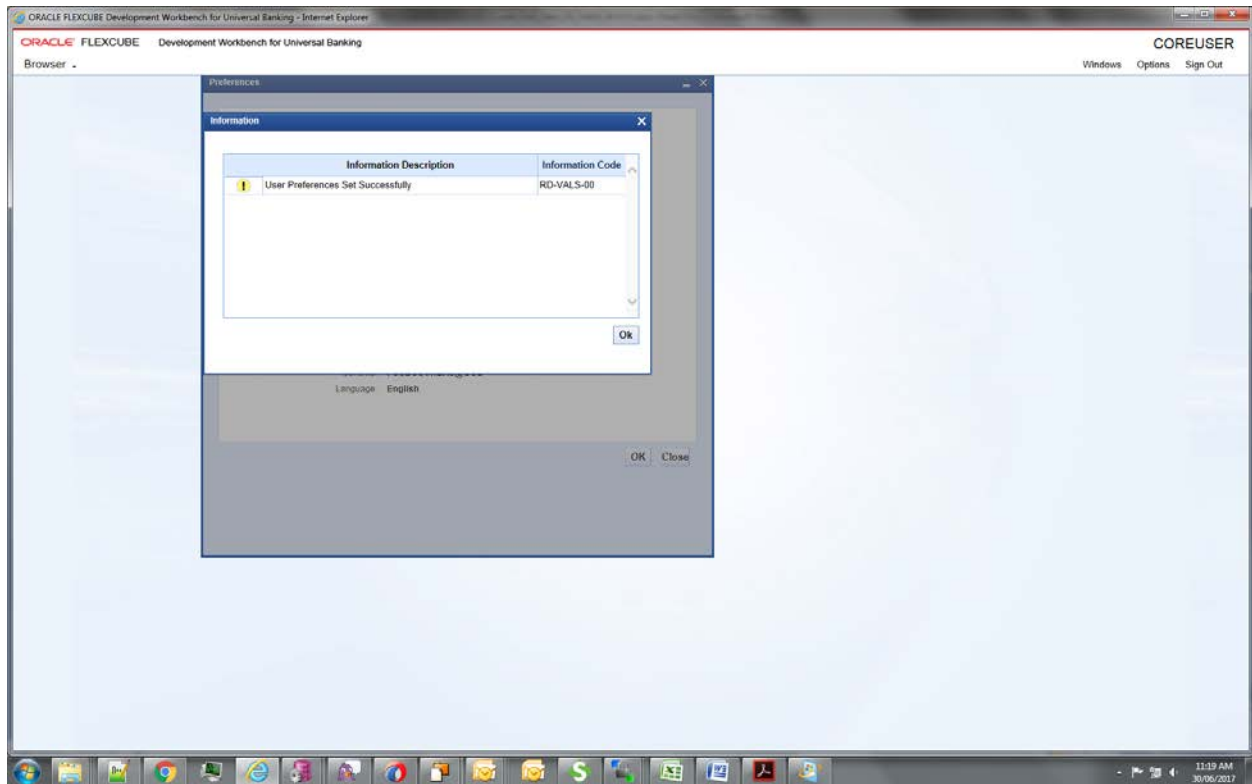
## Select the Custom release



## Select the environment

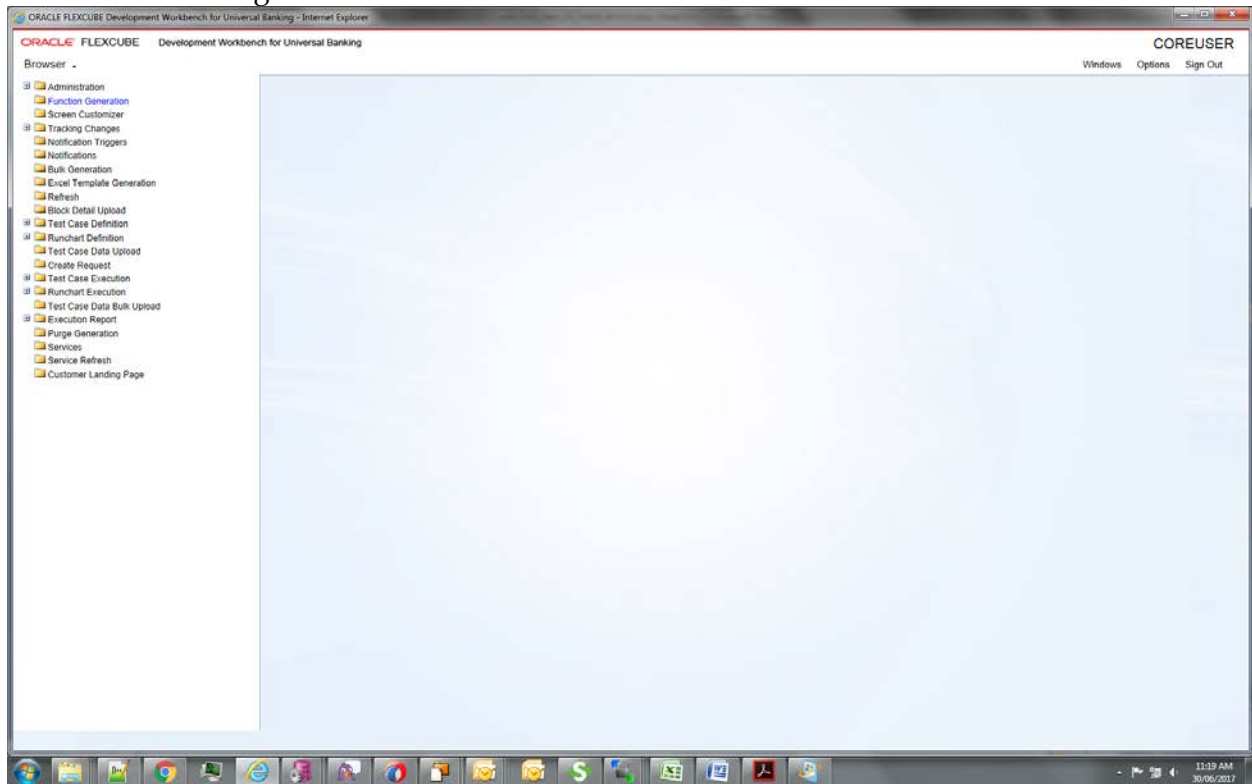


And then click ok

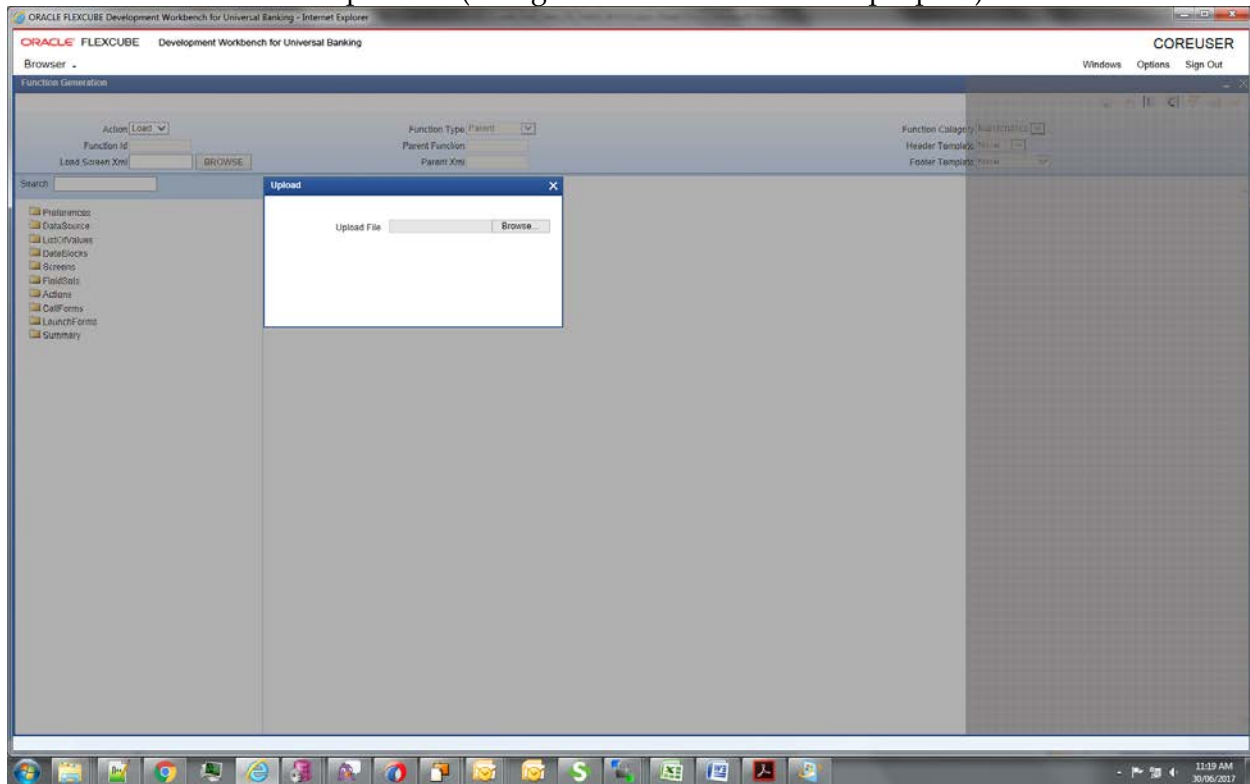




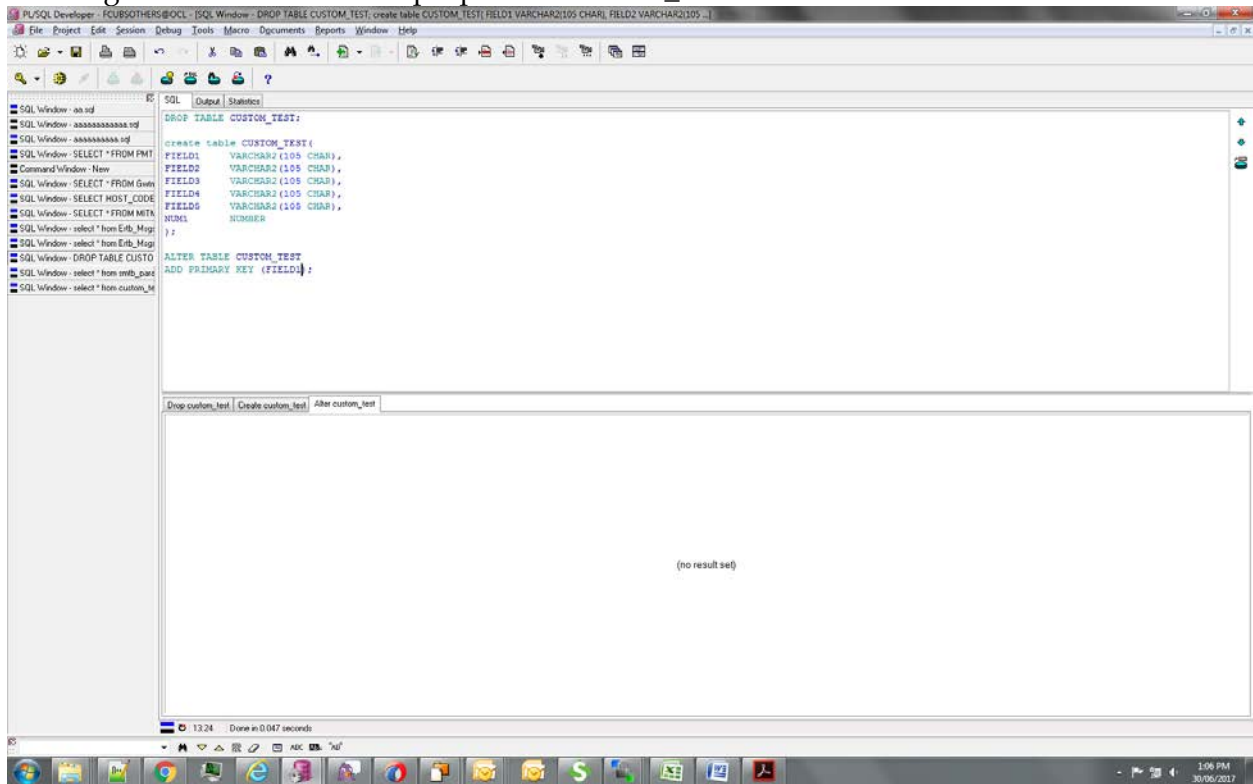
## Select the function generation



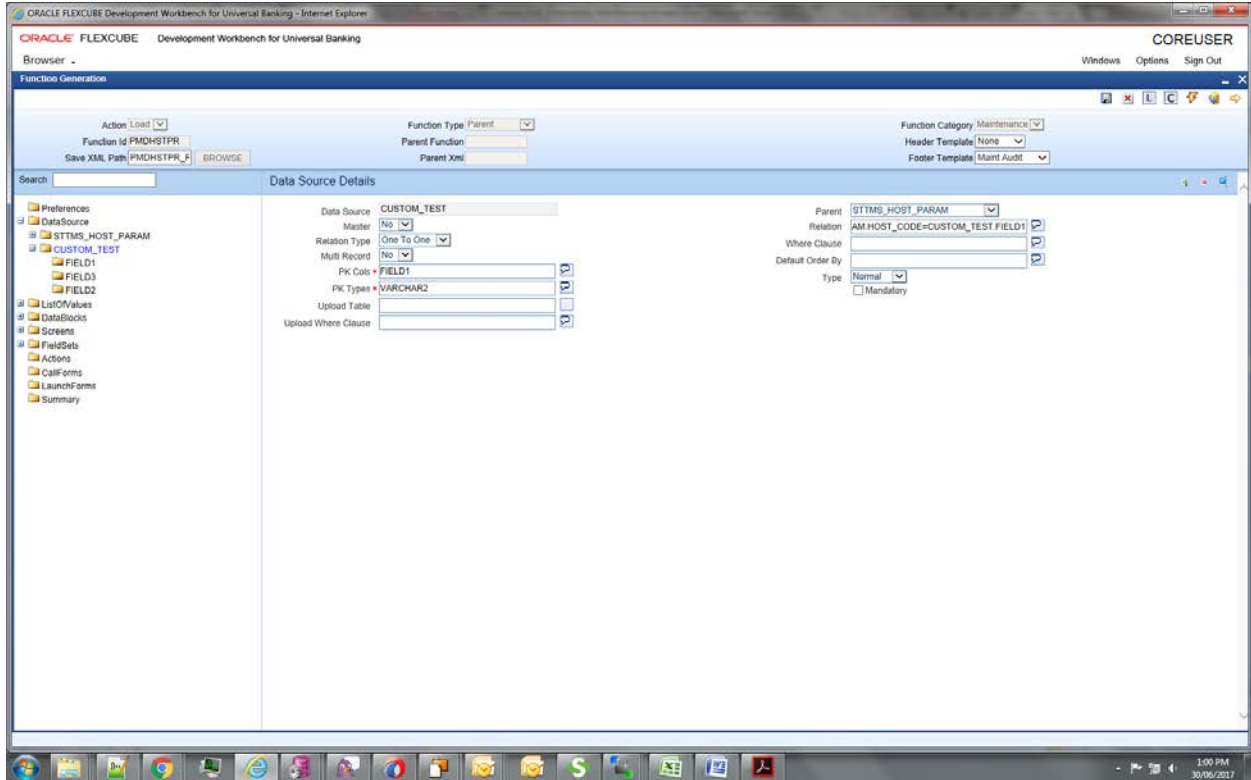
Select the RAD file to be uploaded (Using PWDOTONL for Demo purpose)



## 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

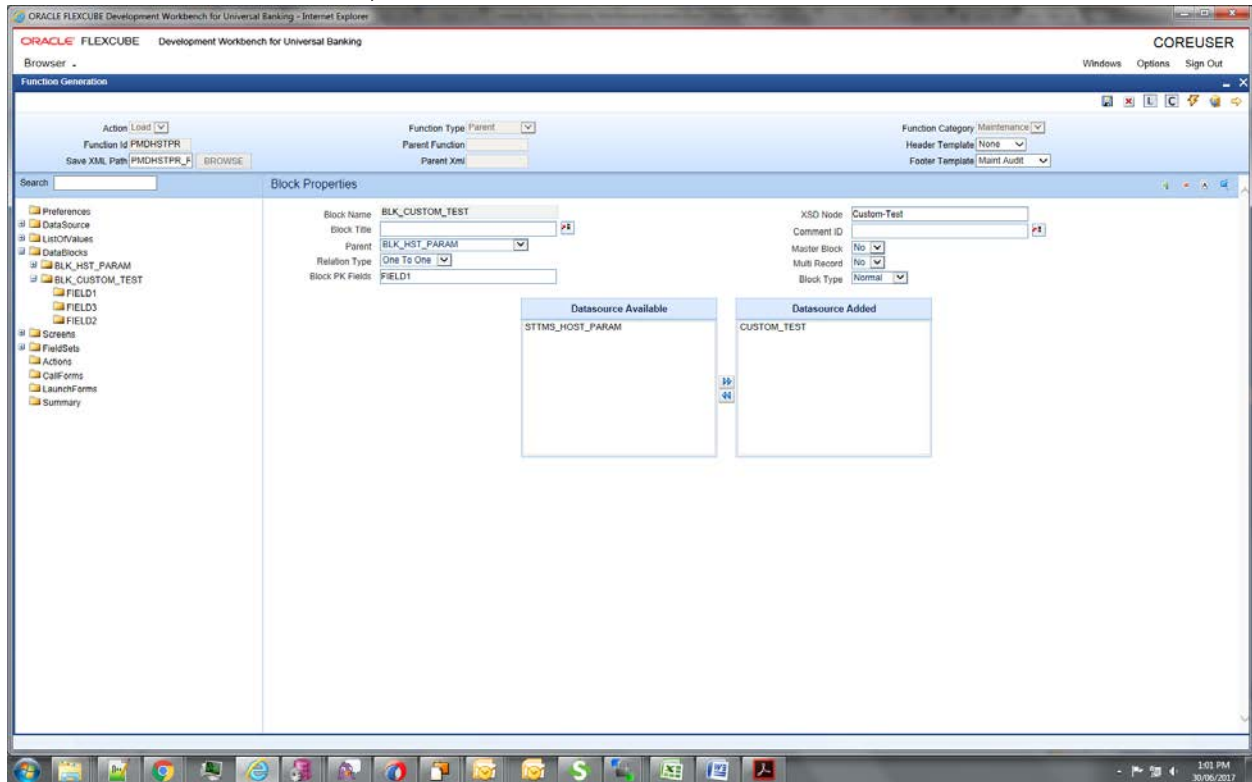


Points to note:

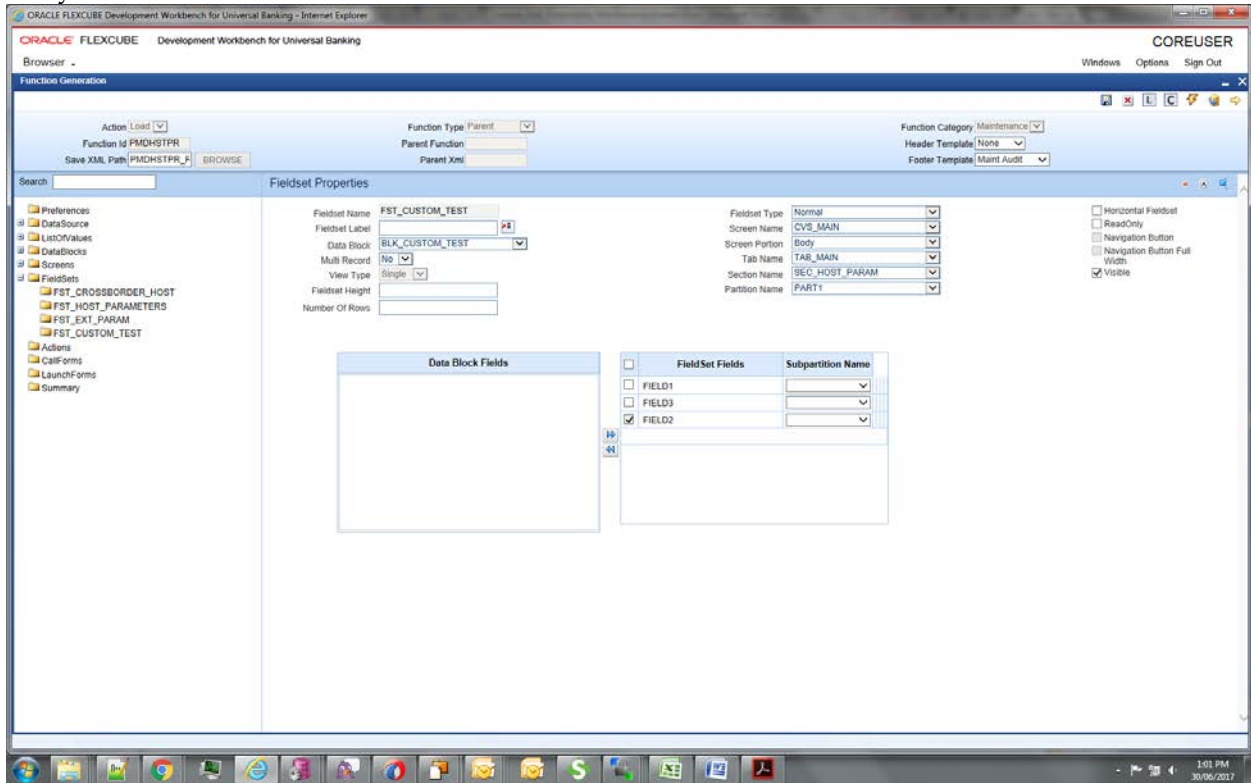
1. Here Field1 is used only for mapping with parent table. It must be part of Data Block and a fieldset (although it could be made invisible, but it has to be present in one of the fieldsets).
2. Relationship given:  
STTMS\_HOST\_PARAM.HOST\_CODE=CUSTOM\_TEST.FIELD1

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.

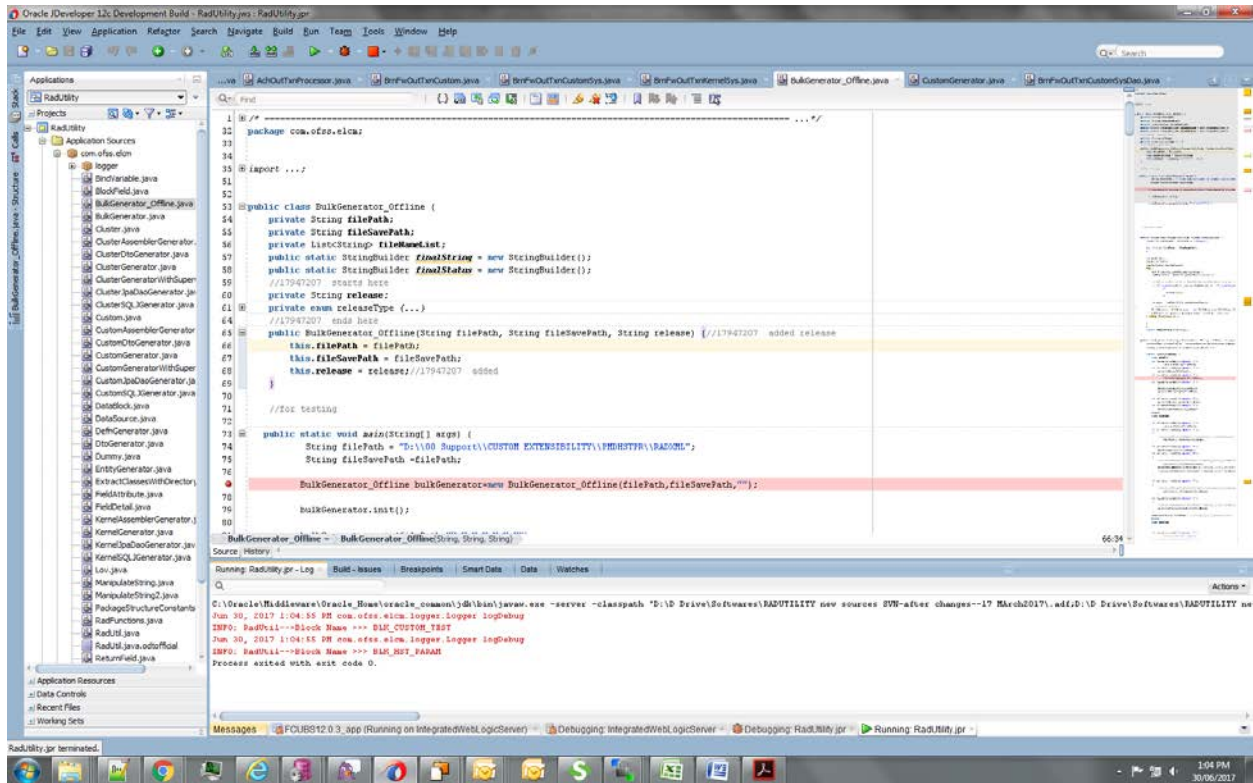


Created a new Field set FST\_CUSTOM\_TEST and added all the three fields to it. Added it in the Body section.



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 interface. 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

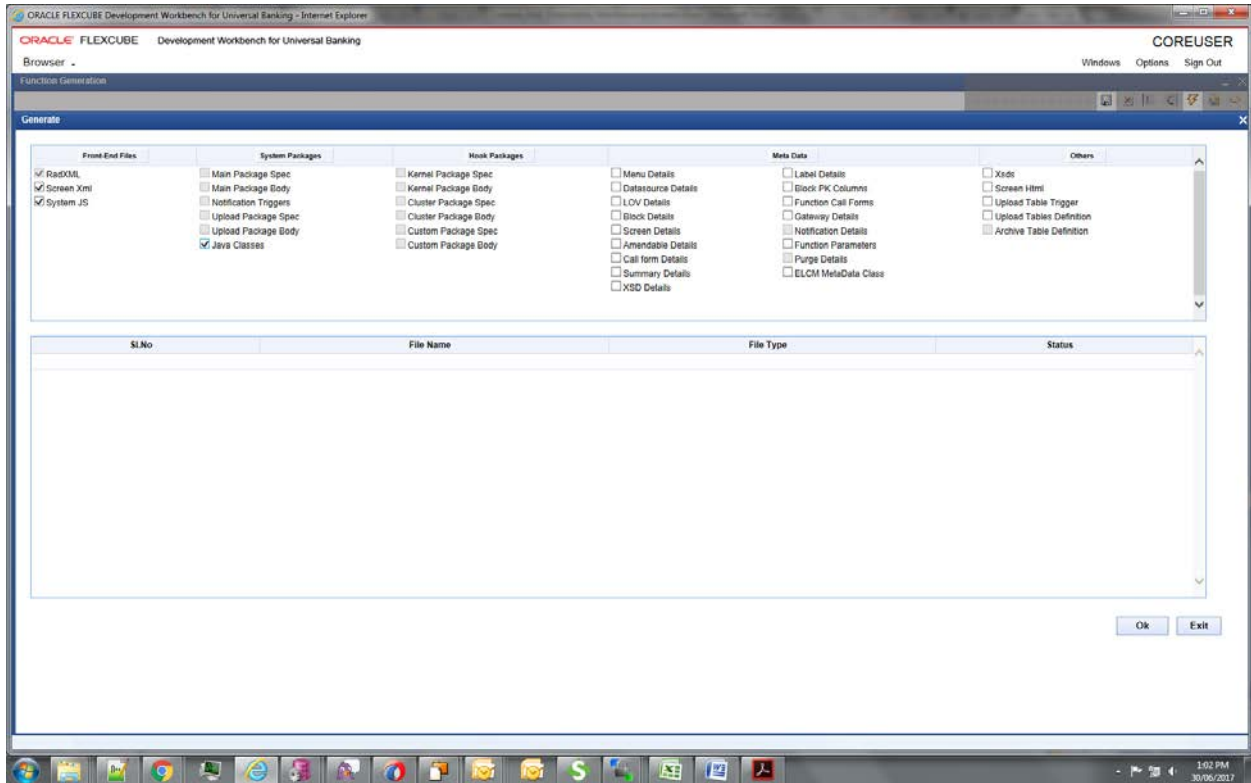
The "Module" is set to "PM" and the "Module Description" is "Flexcube Payments". The "Module Group" is also set to "PM". The "Branch Program Id" and "Process Code" fields are empty. The "SVN Repository URL" field is also empty.

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

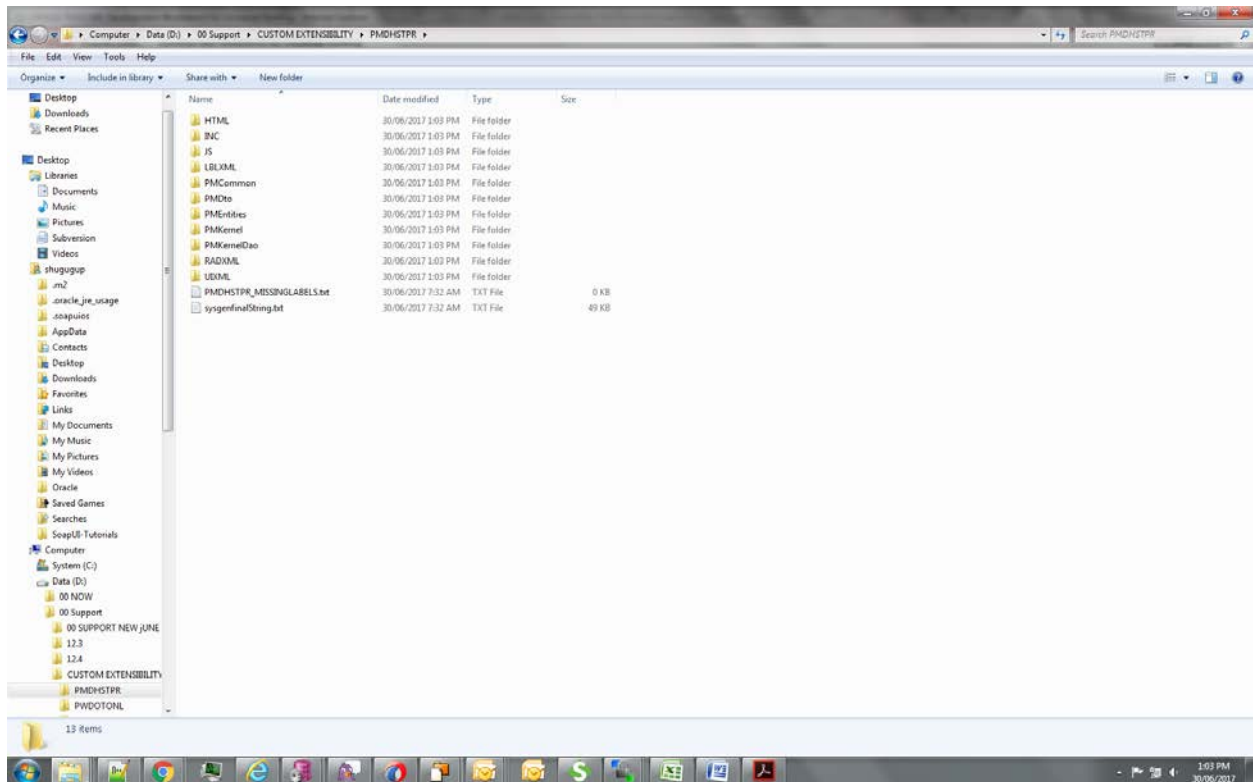
Function Id	Module	Module Description
<input type="checkbox"/> PMDHSTPR	PM	Flexcube Payments
<input checked="" type="checkbox"/> PMSHSTPR	PM	Flexcube Payments



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



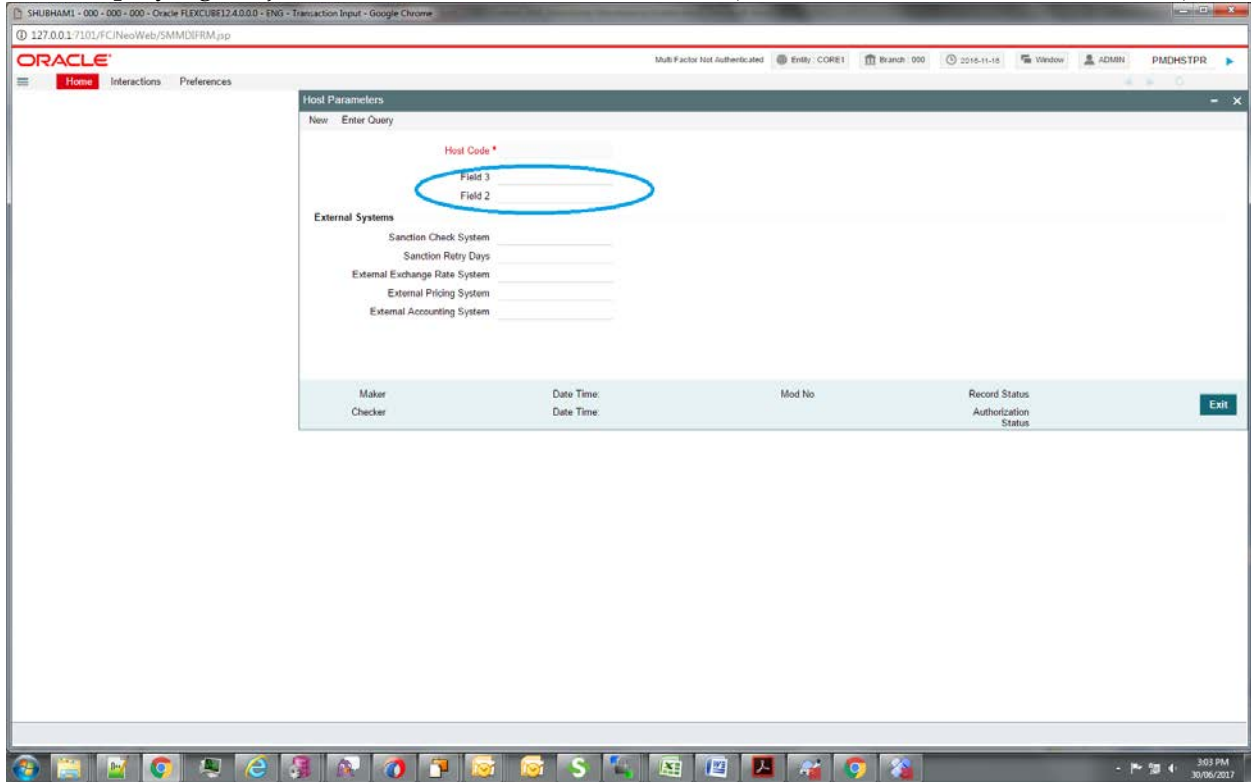
## Generated folders



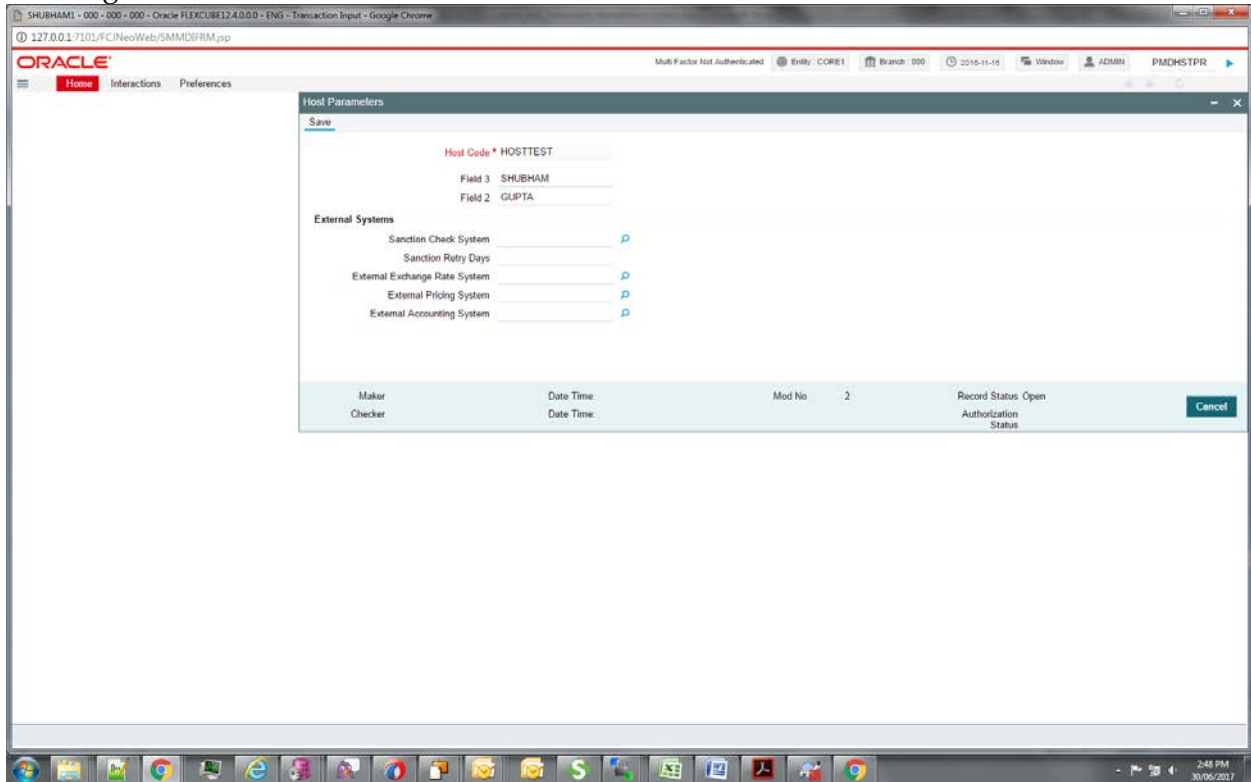
### Points to Note:

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).

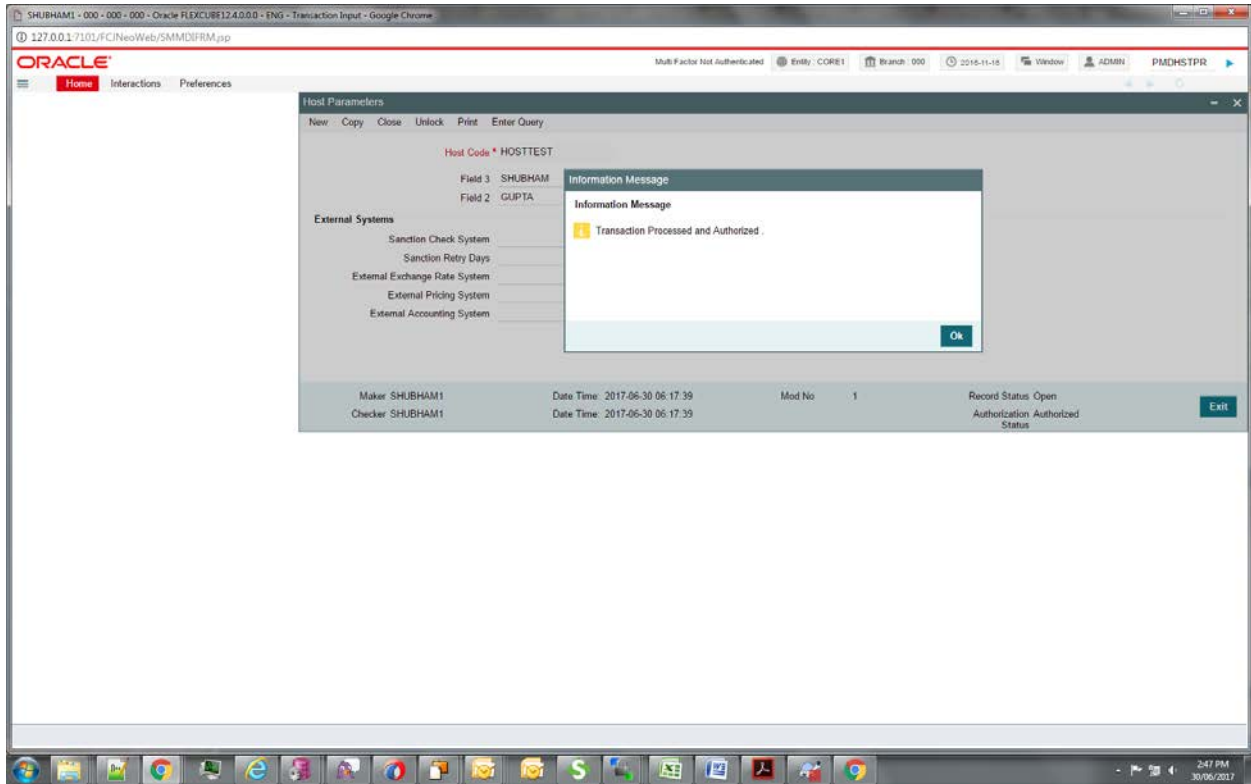
After deploying the java files, UXML and JS the screen (Blue Circled are the Custom fields)



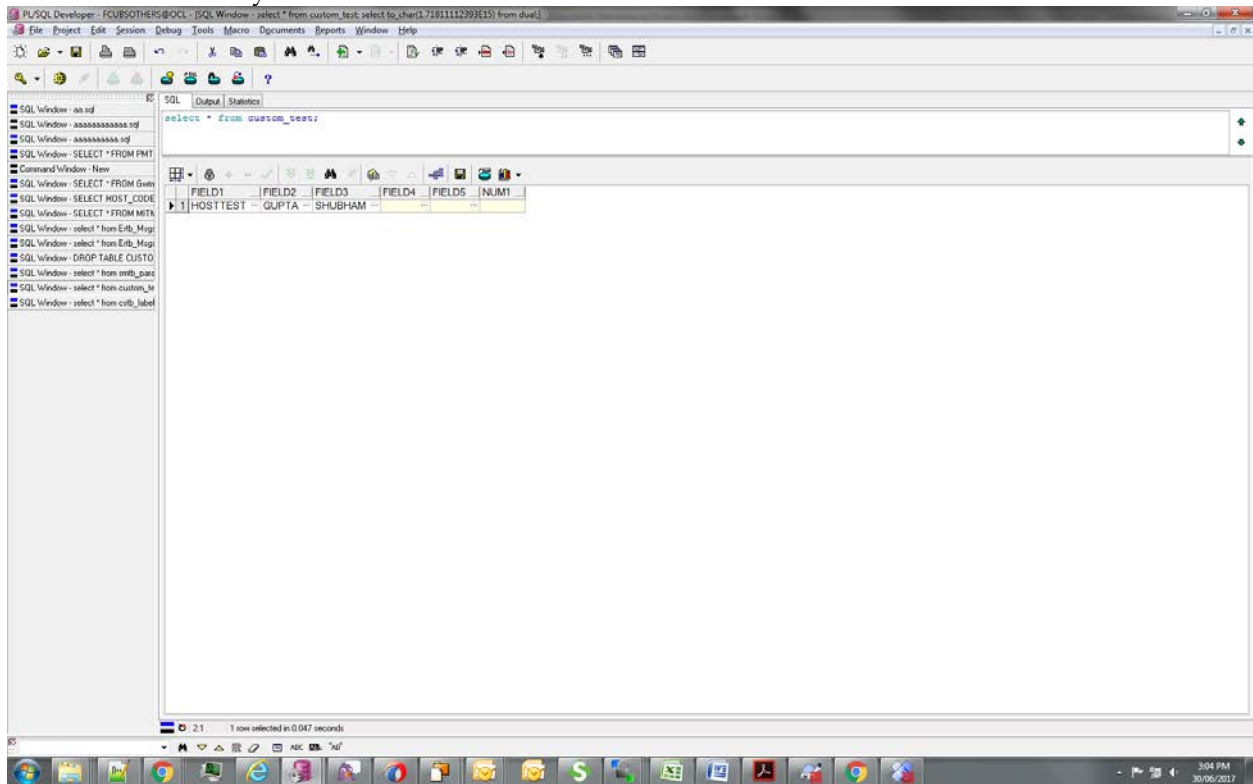
## Creating a new record:



Record saved



## Backend table Entry





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Version 12.4.0.0.0

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