Custom RAD Extensibility Maintenance Screens
Oracle Banking Payments
Release 12.5.0.0.0
[Sep] [2017]

ORACLE
**FINANCIAL SERVICES**

Contents

1 Preface

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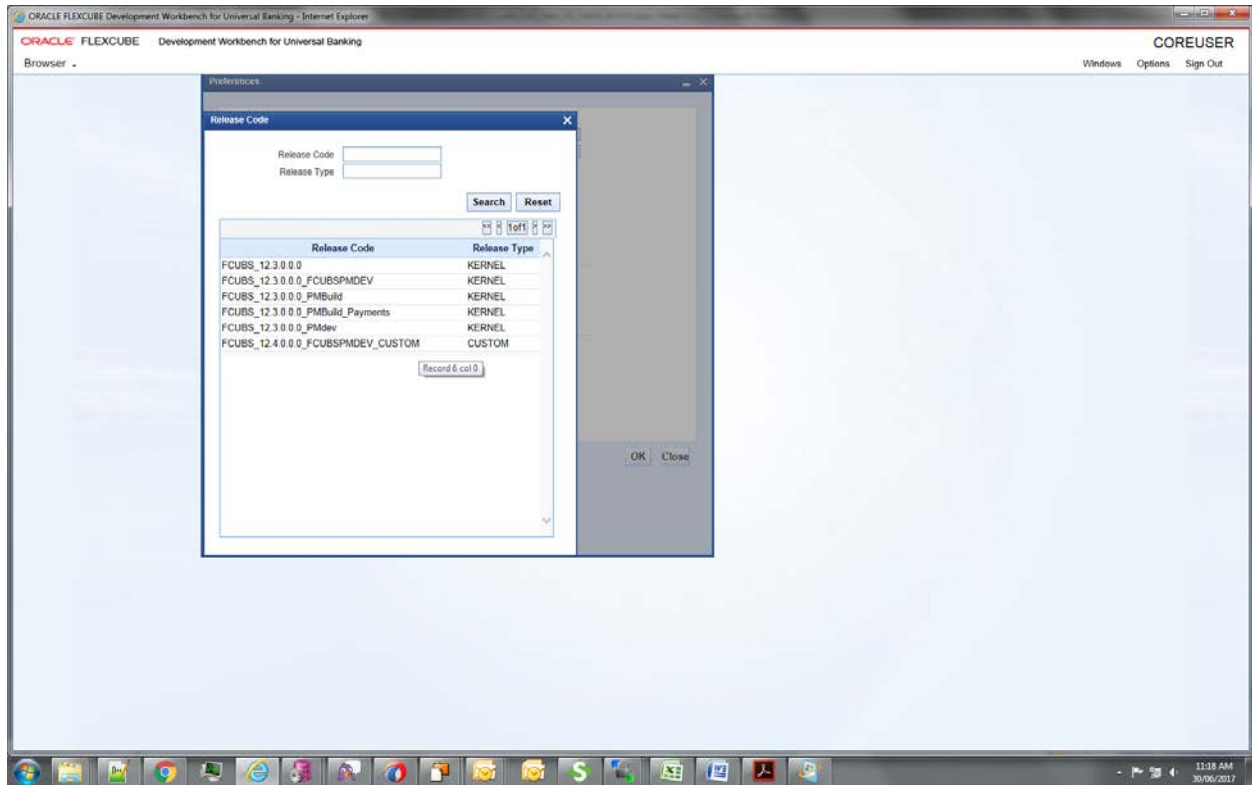
.

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.
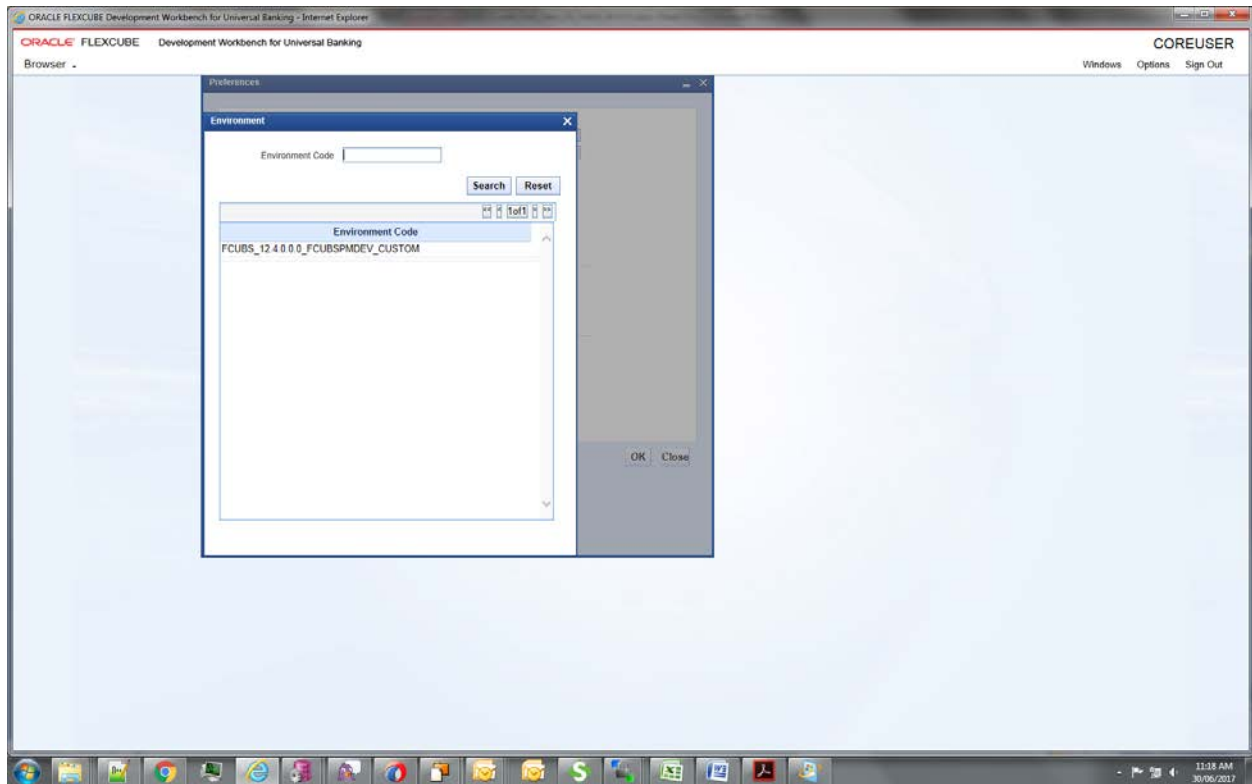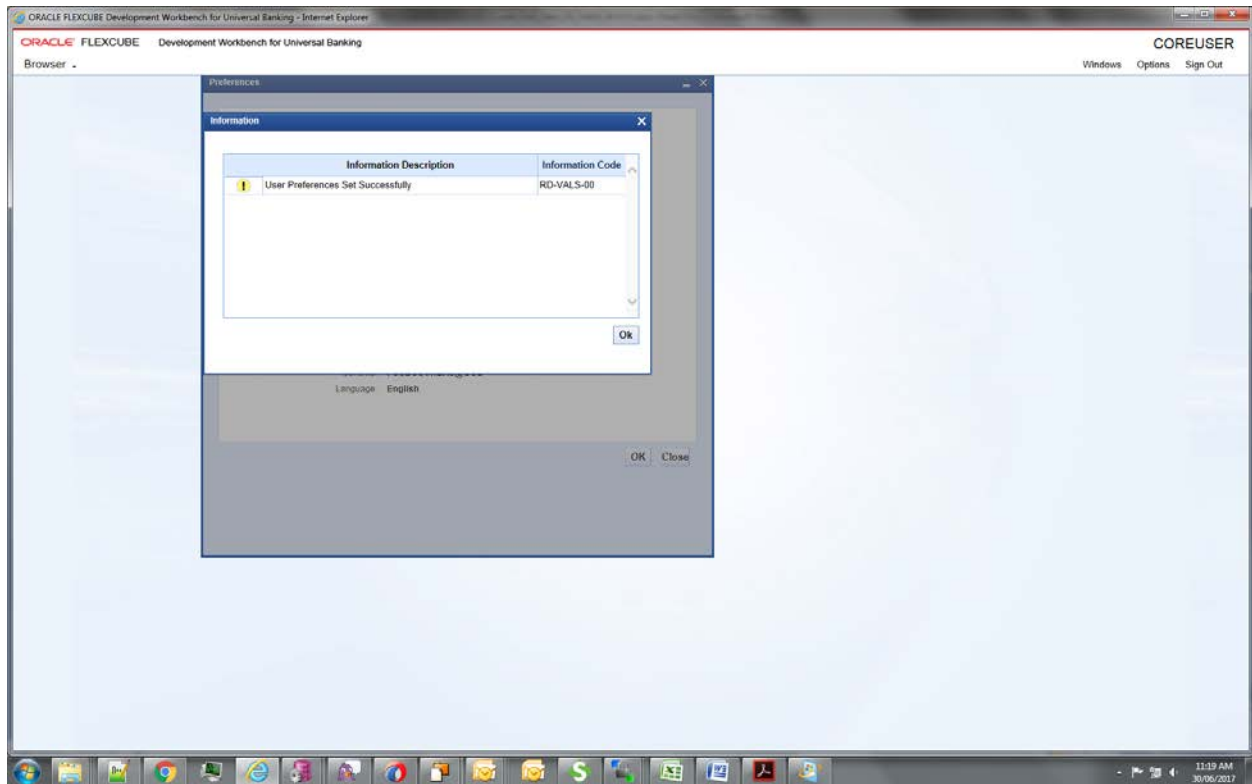
Select Options –> User Preferences
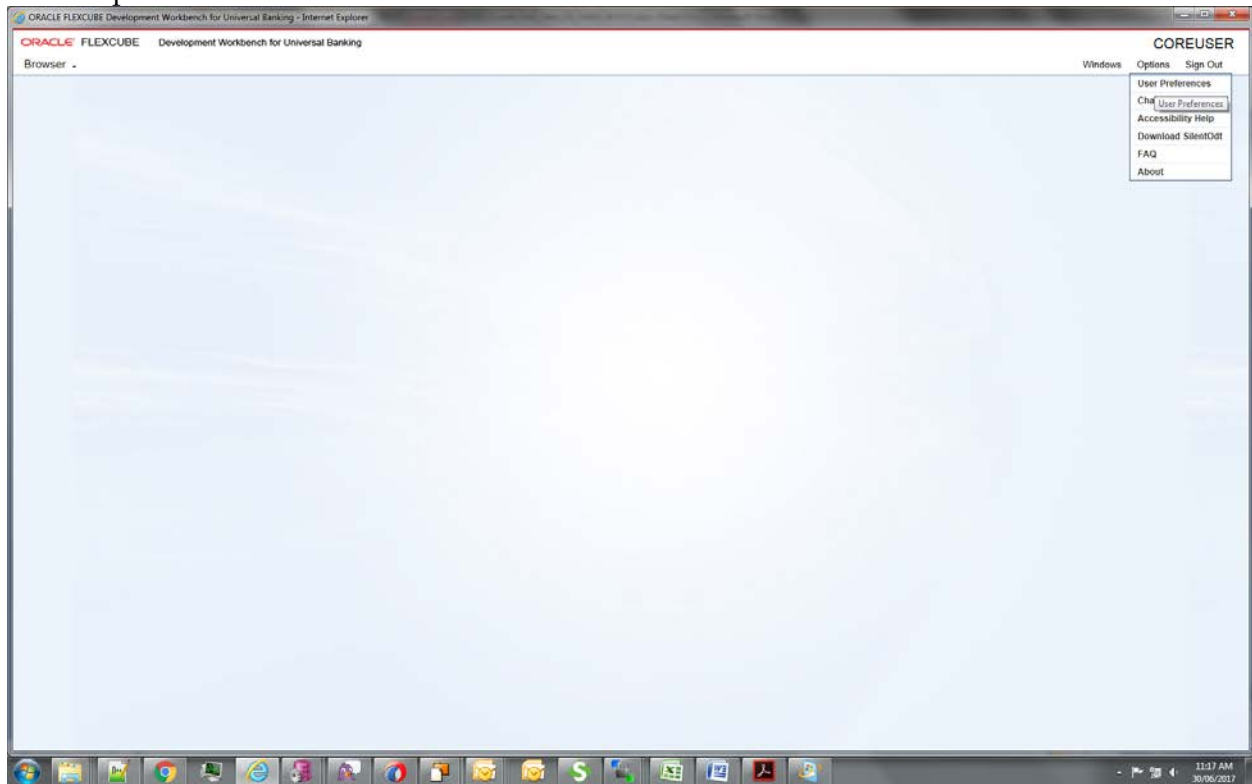
Select the Custom release

Select the environment
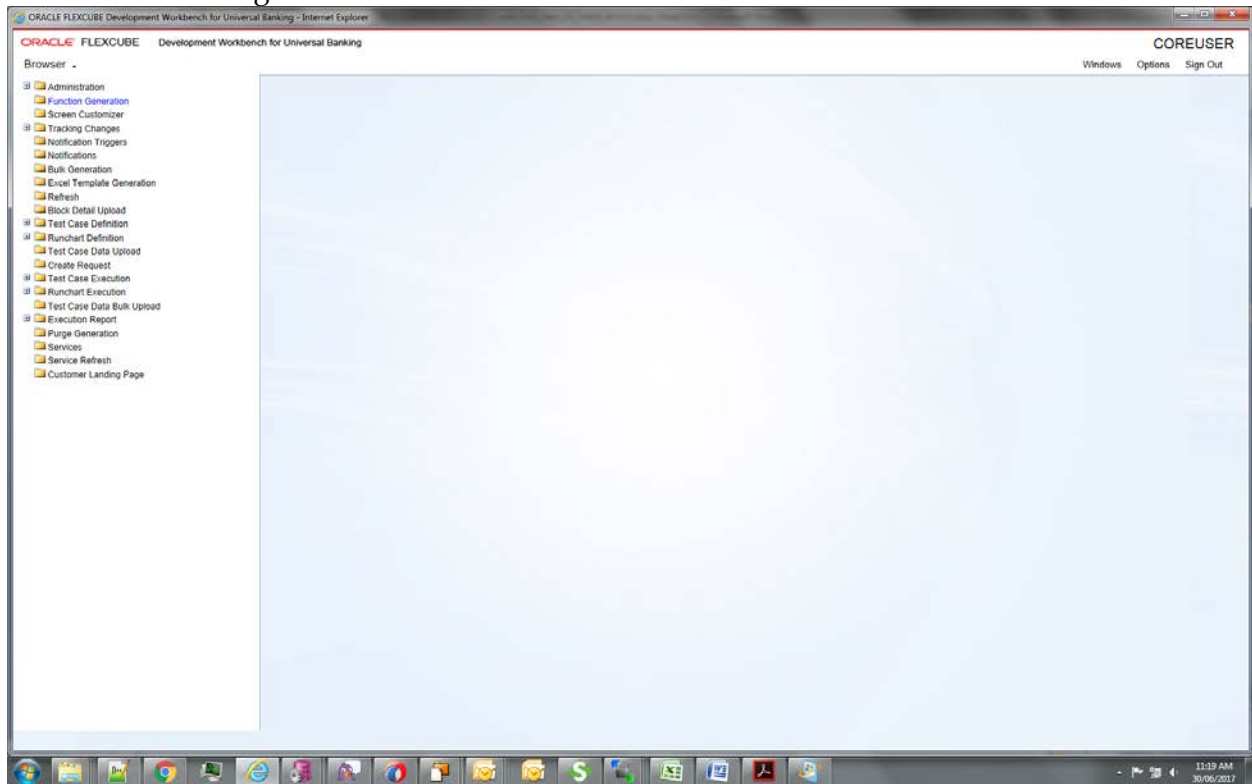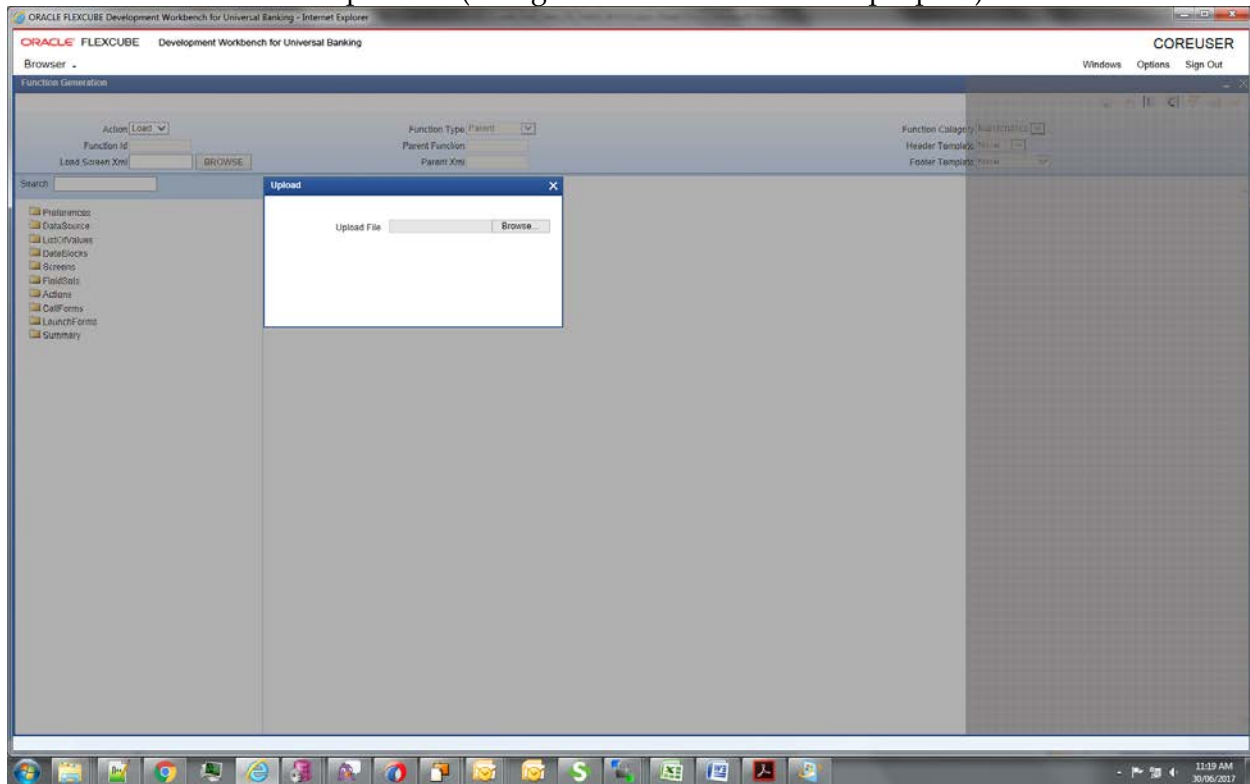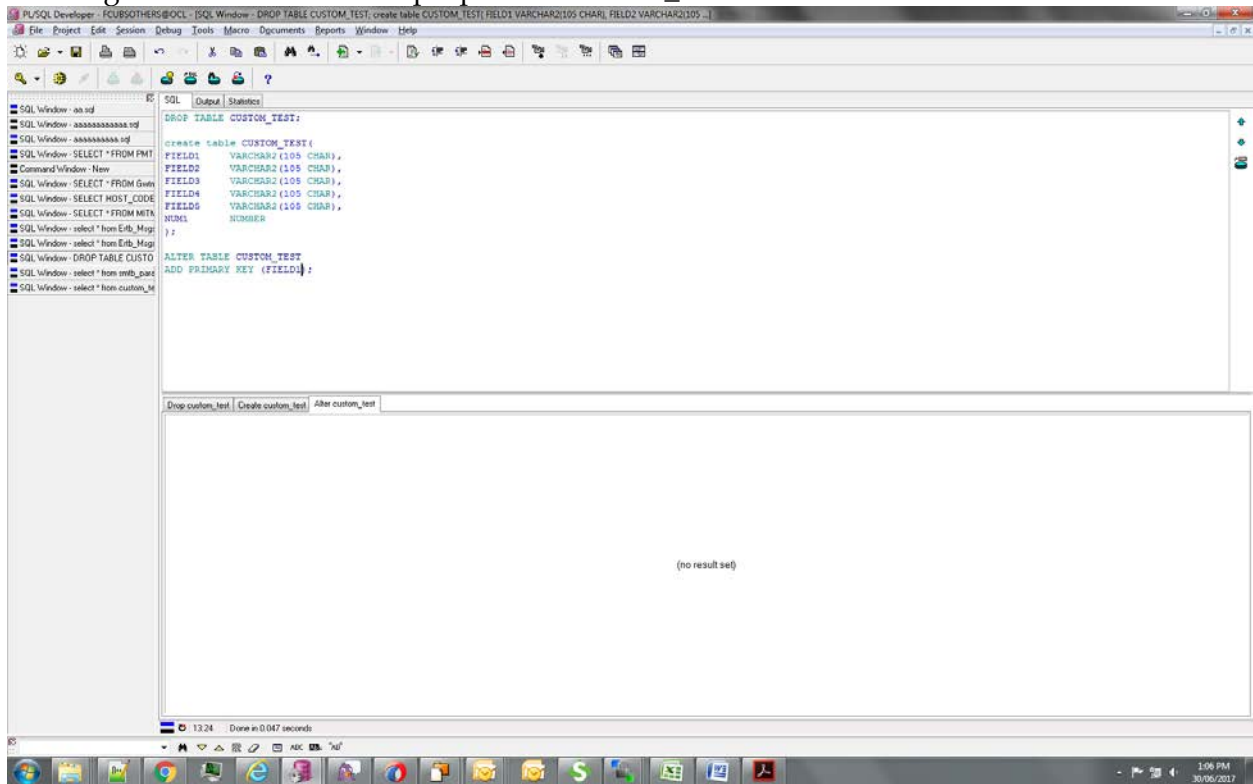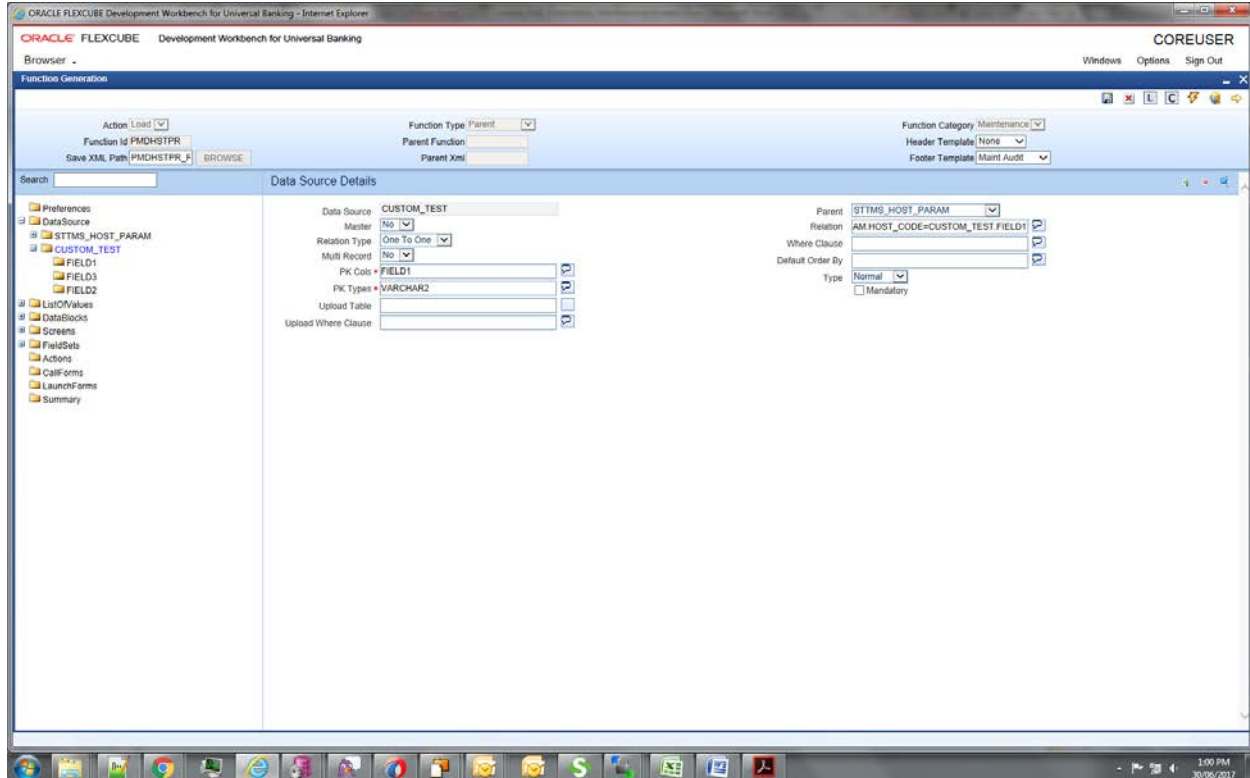
And then click ok

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
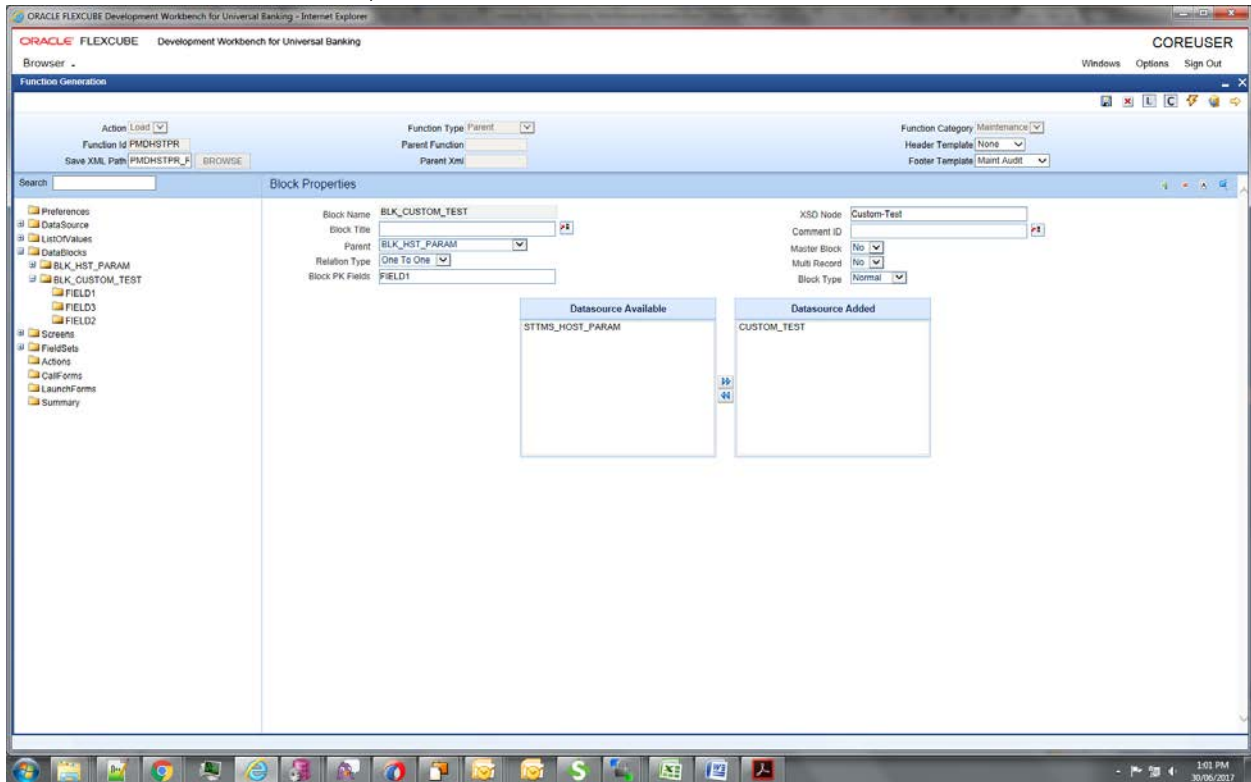CUSTOM_TEST

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.

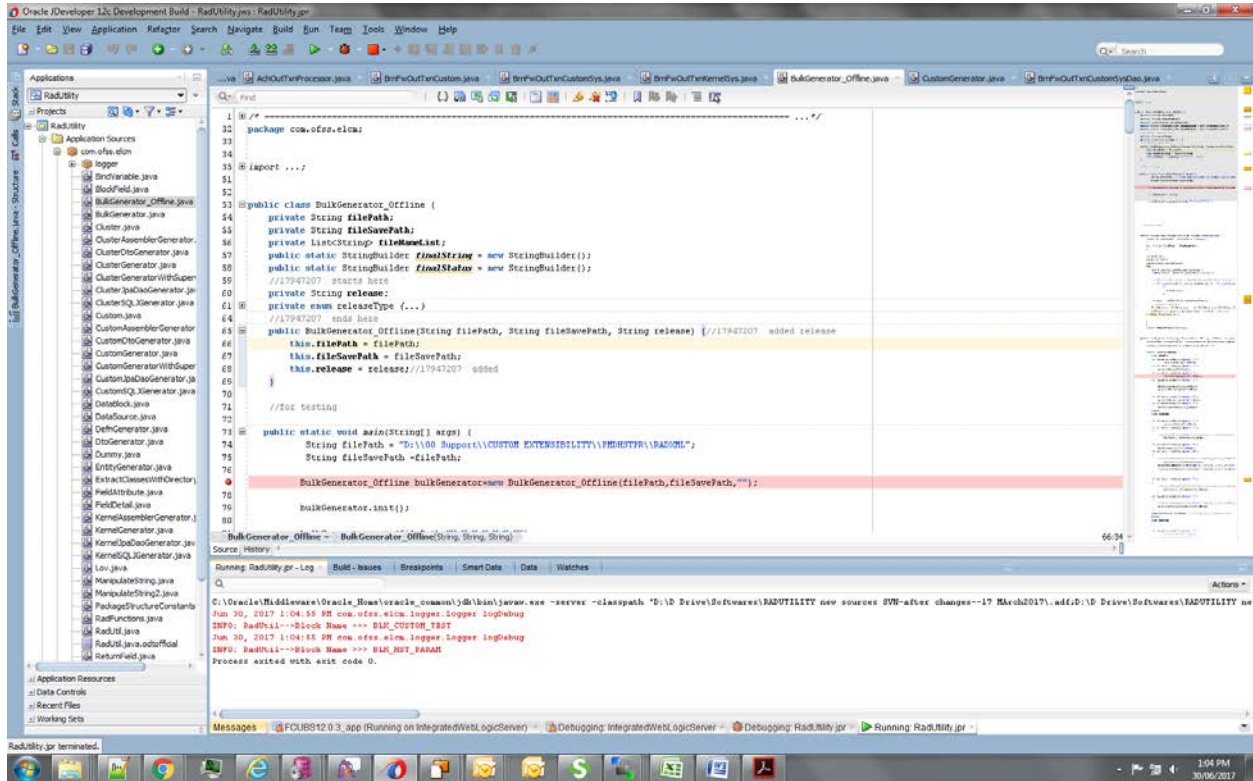Field2 and Field3 are visible, Field1 is made invisible.

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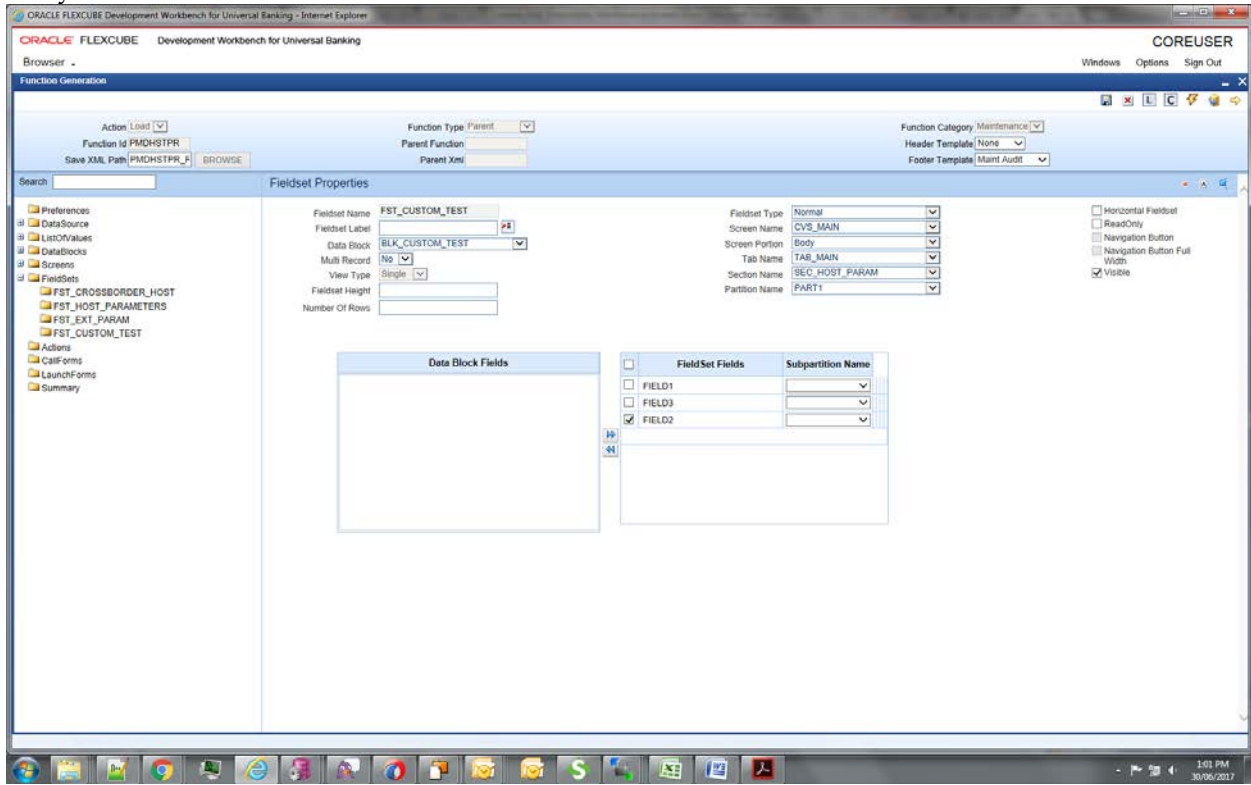
Generated files:

1. Using the RAD utility (local sources)

2. Using RADTOOL:

a. Step 1: Check Java functions in preferences
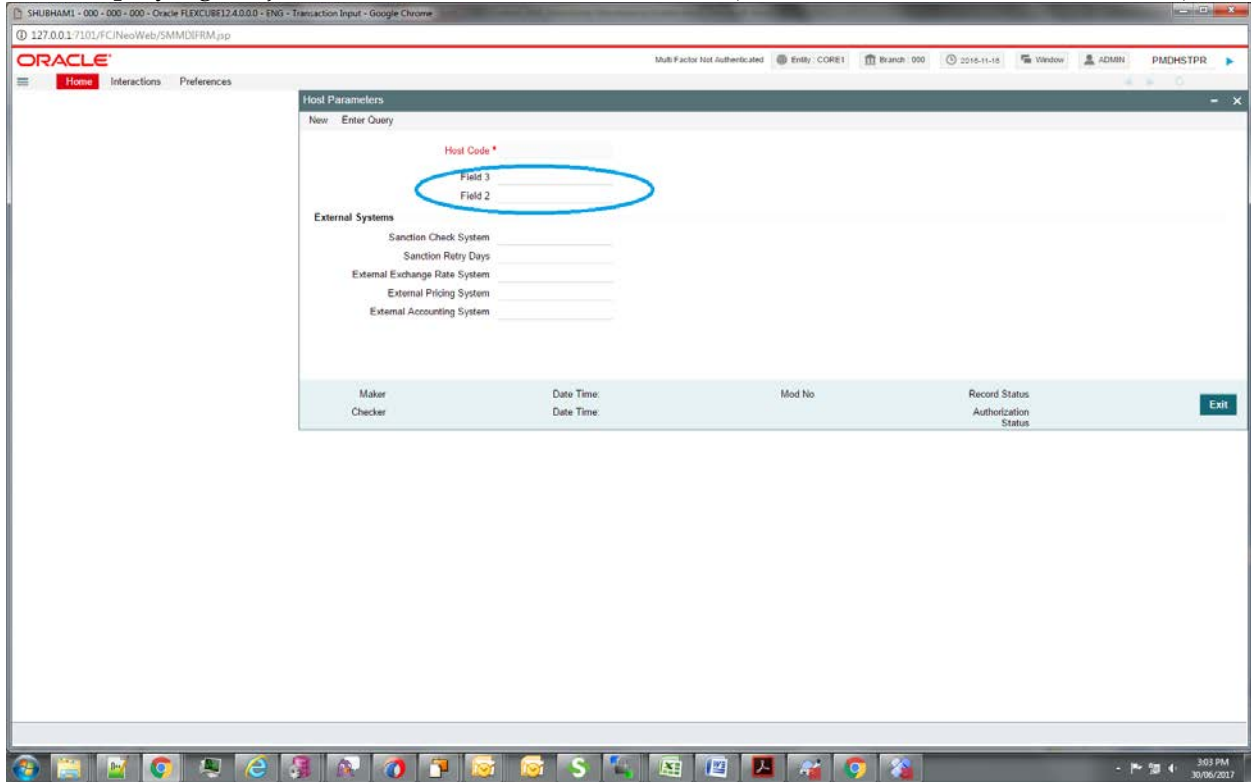
b. Step 2: While generating, check Java Classes.
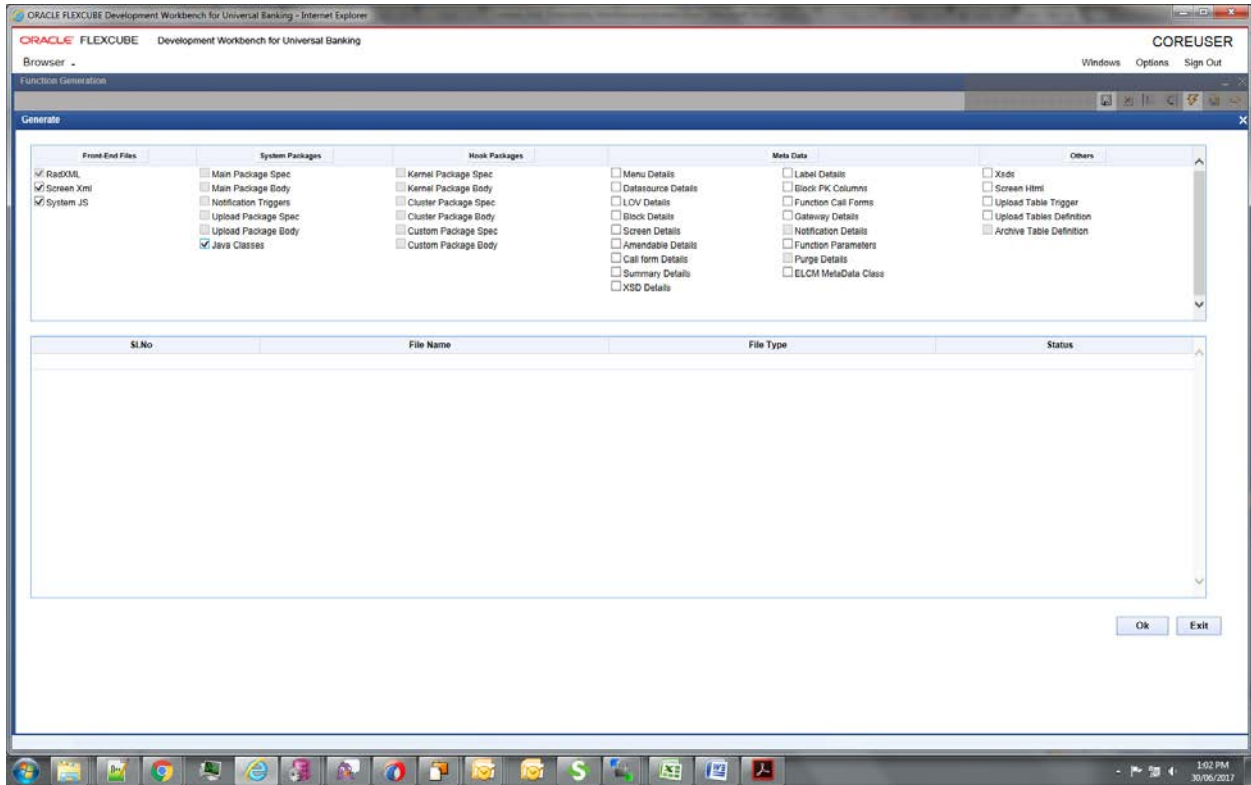
Generated folders
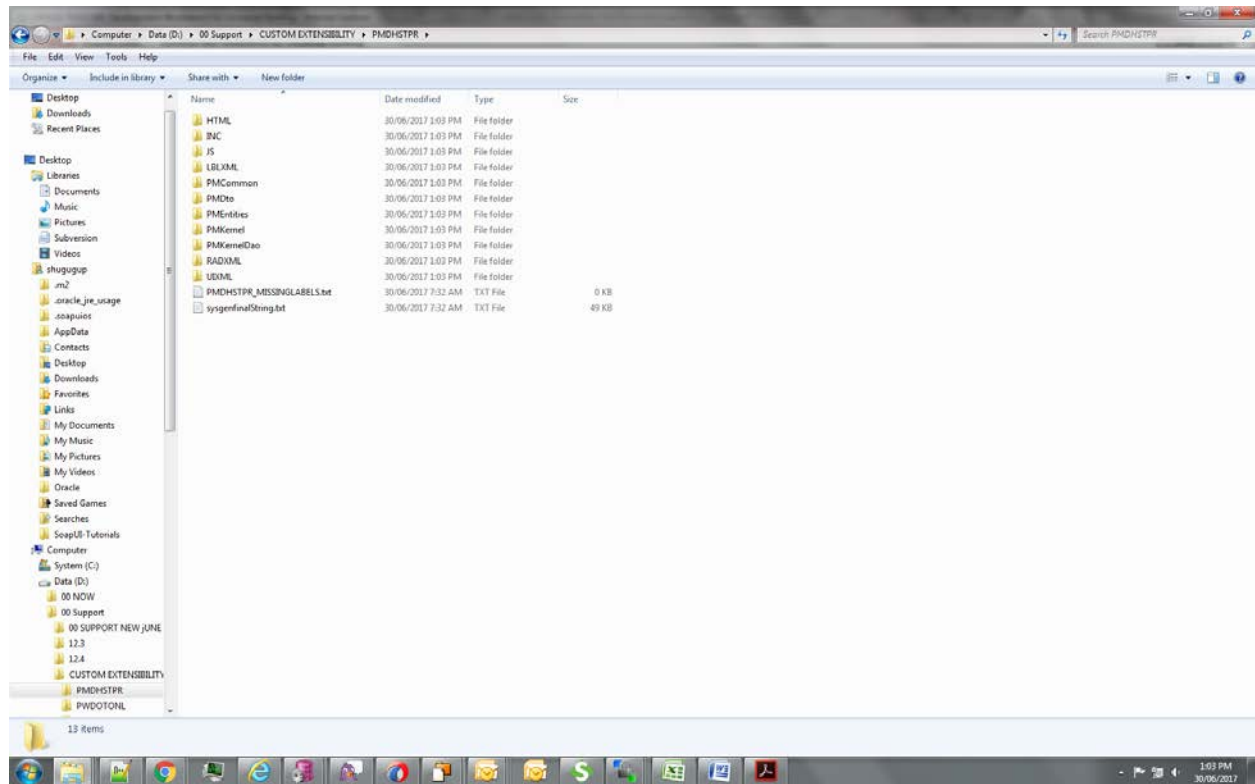
Points to Note:
1. The generated artifacts need to be added to the project.
2. Common Files and Entity files will replace existing kernel files. Others will be of different names, e.g., HstParamCustomSys.java (instead of HstParamSys.java as in case of Kernel files).
3. These files extend kernel files, 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)

Creating a new record:

Record saved

Backend table Entry
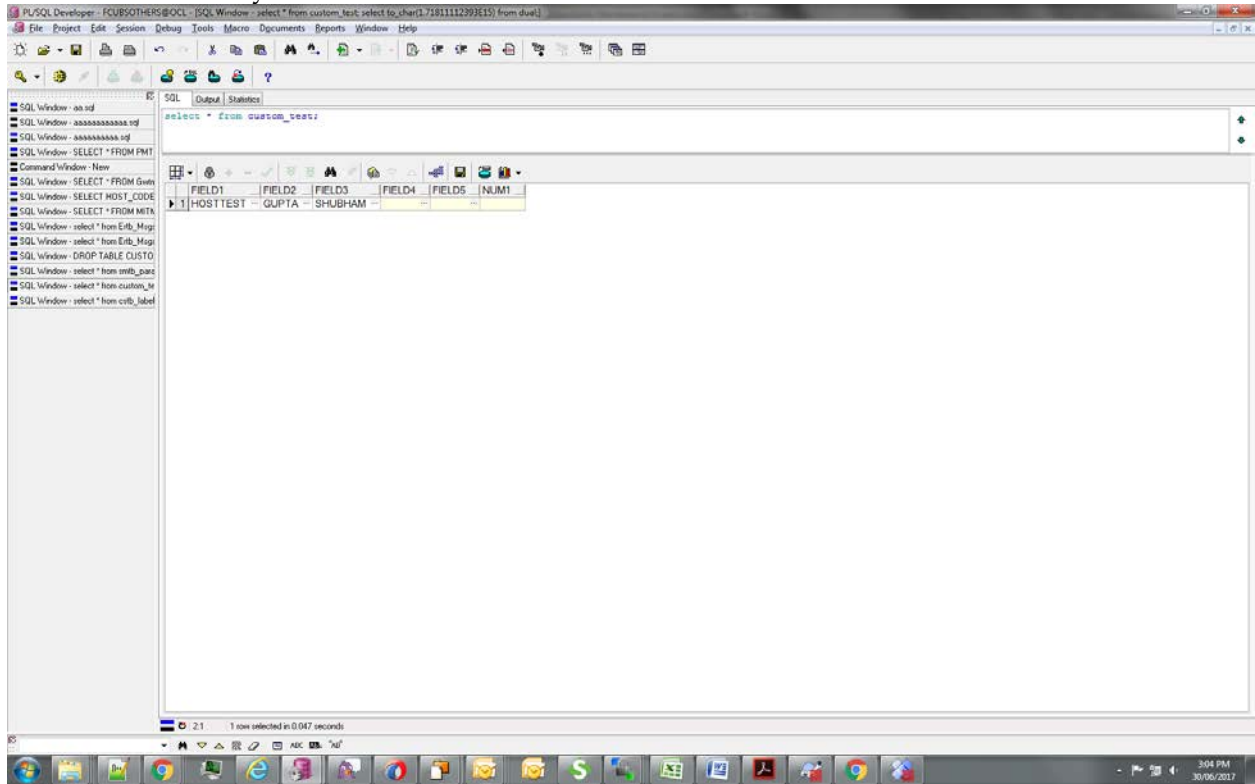
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