Custom RAD Extensibility Transaction 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 existing Transaction screens/function Ids.

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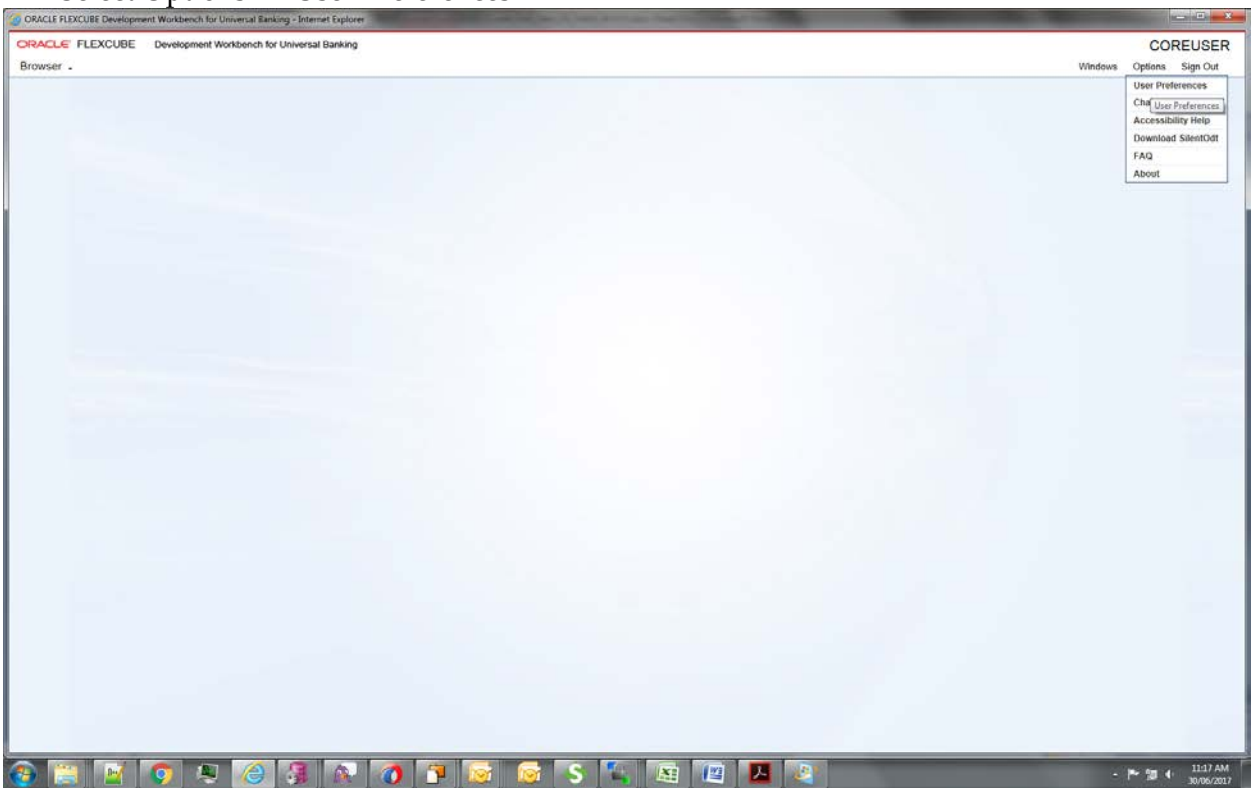
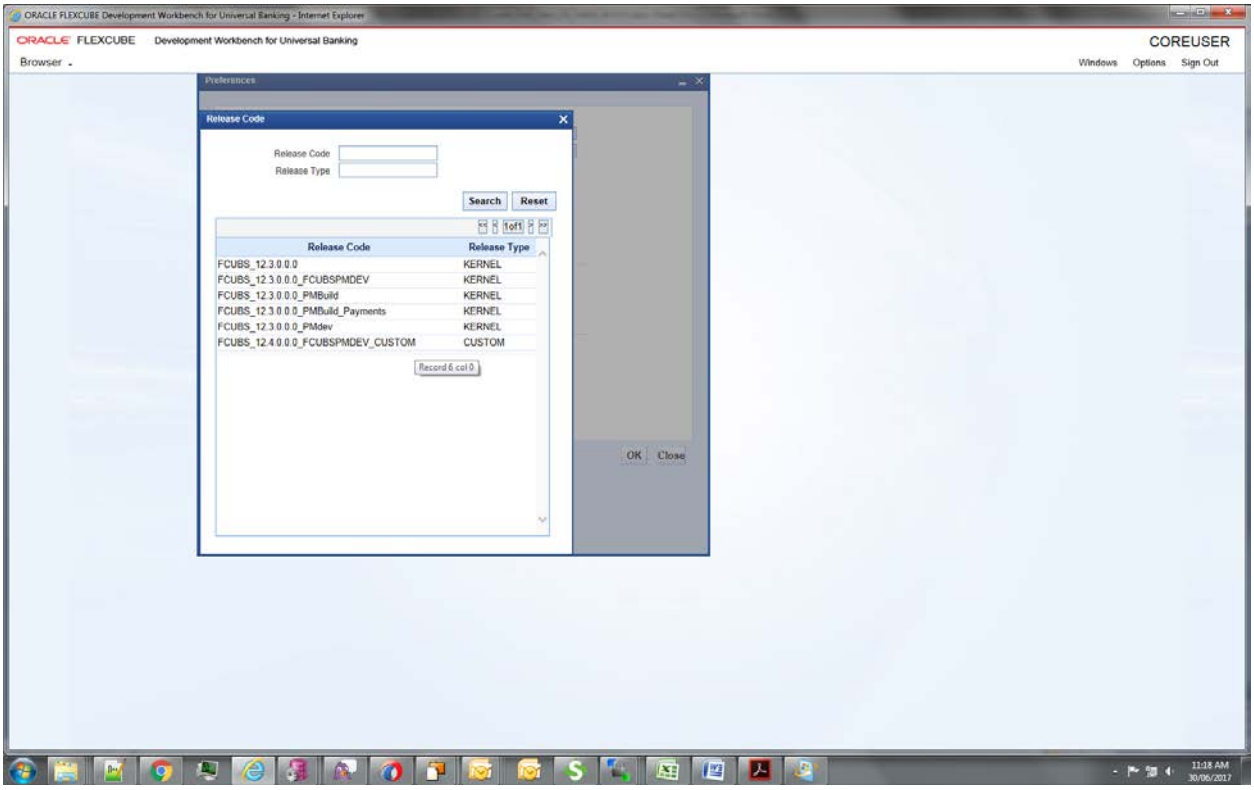
2 Approach

For demo purpose, we will be taking a transaction screen: PWDOTONL (Fedwire outgoing Transaction screen). We will create a demo table, add it to the RAD with 3 fields and then Save/query the record.

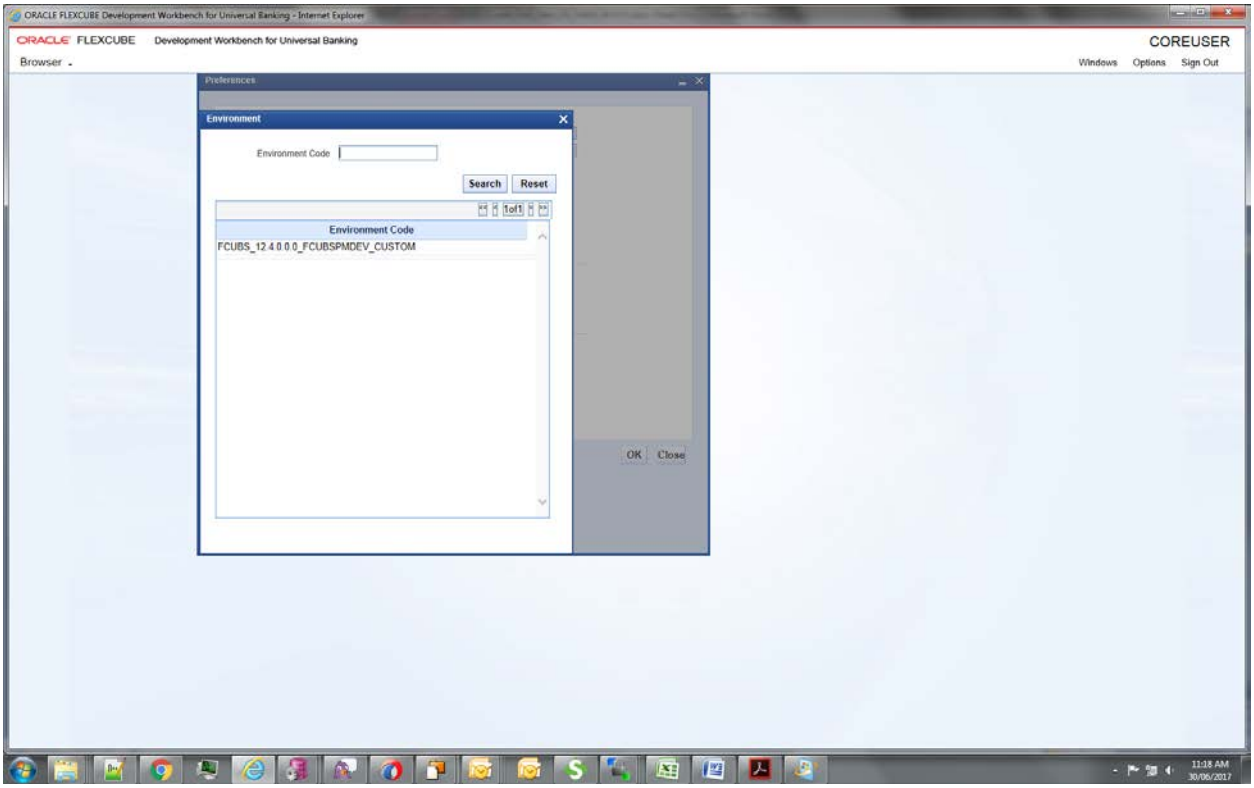
Select Options –> User Preferences



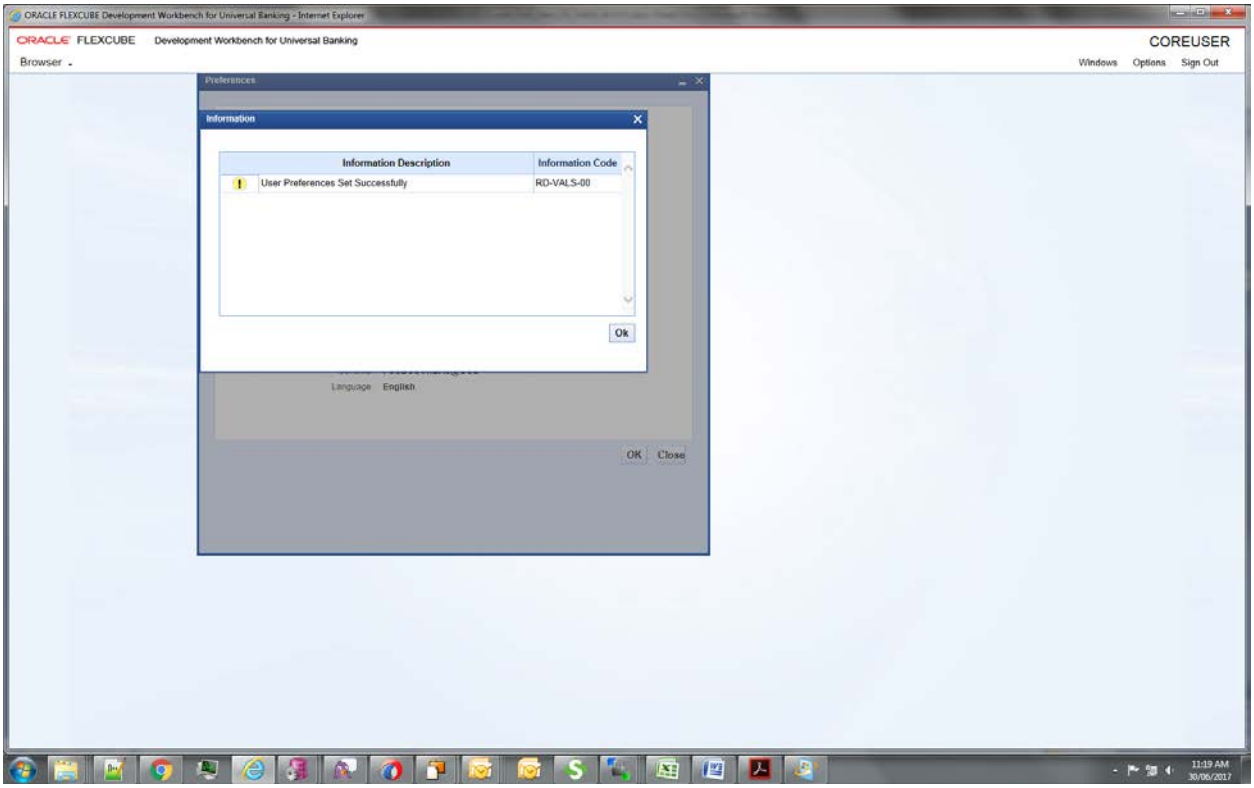
Select the Custom release



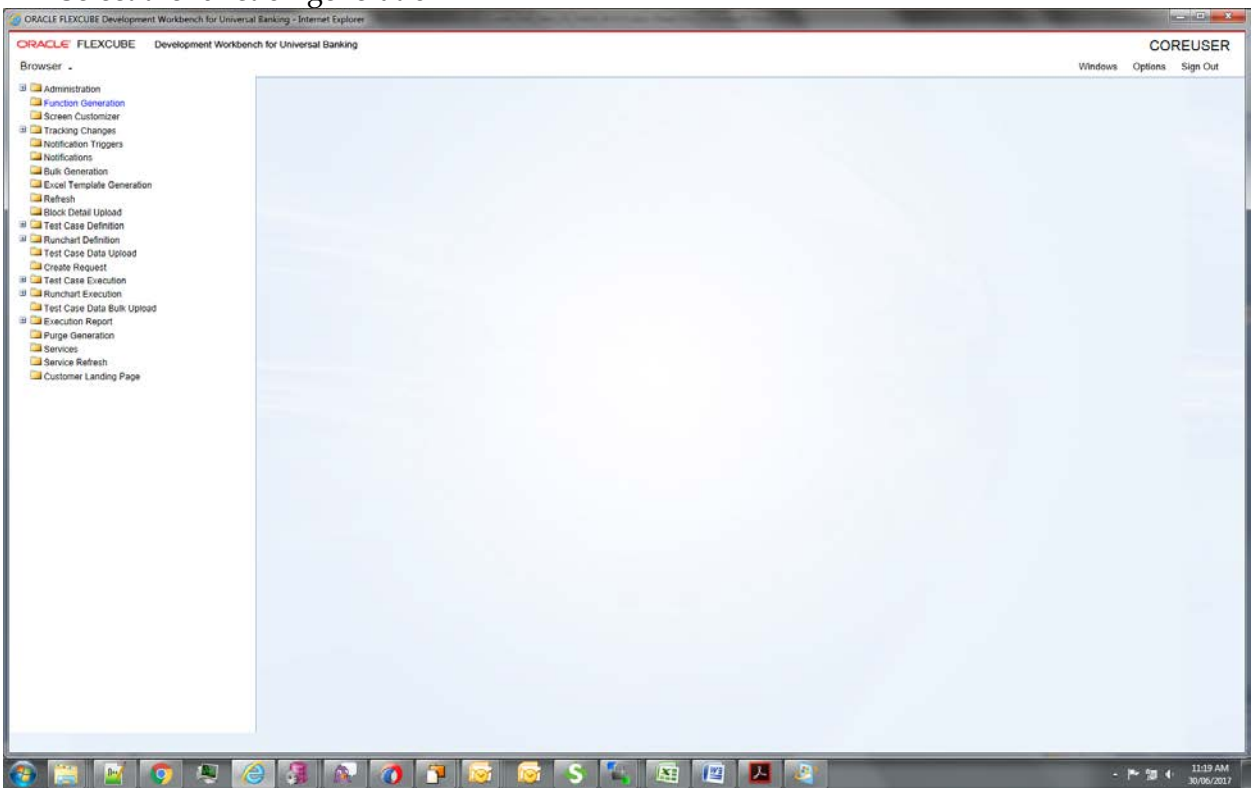
Select the environment



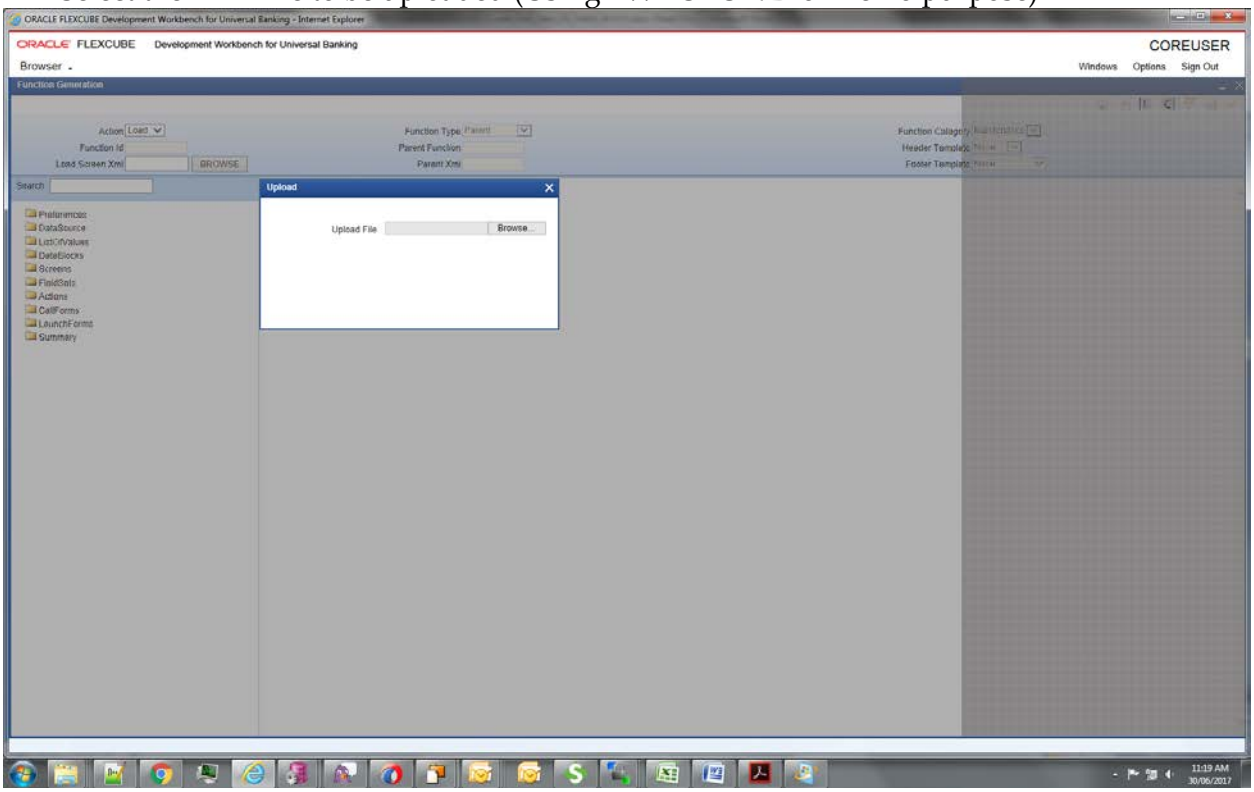
And then click ok



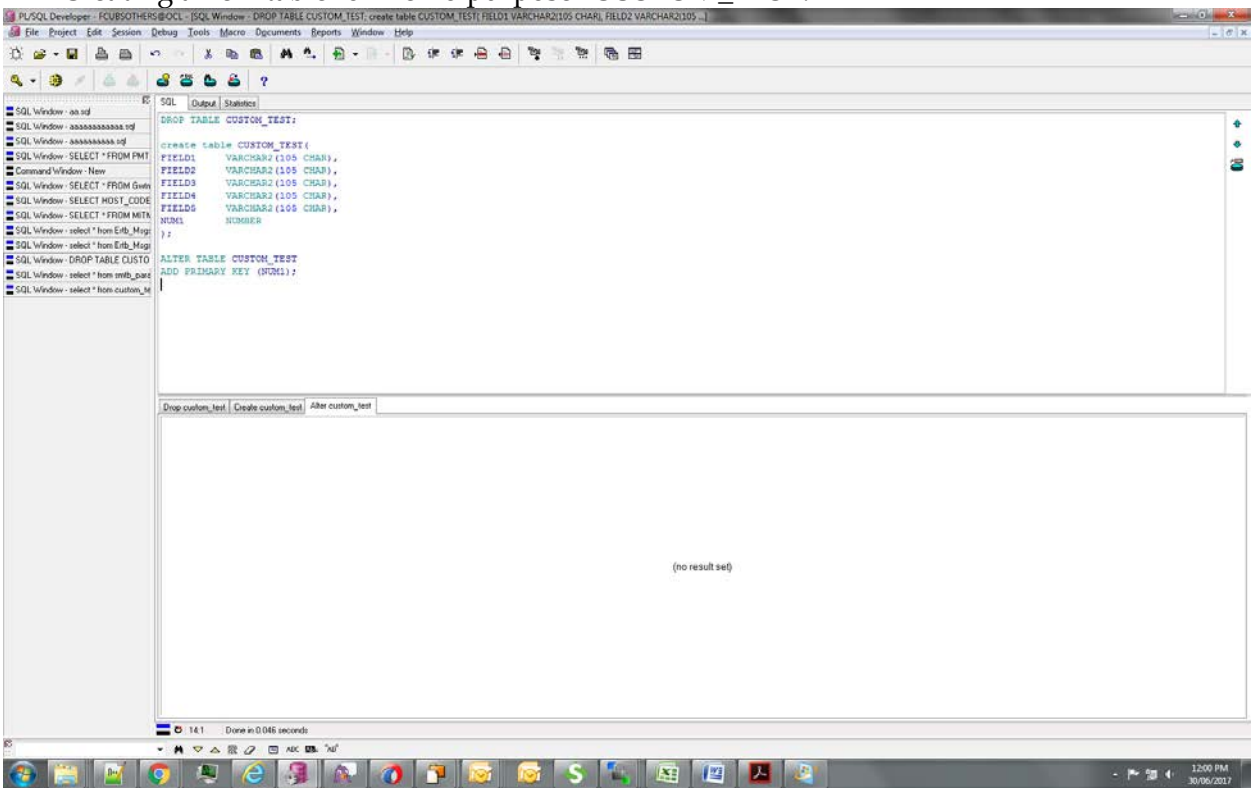
Select the function generation



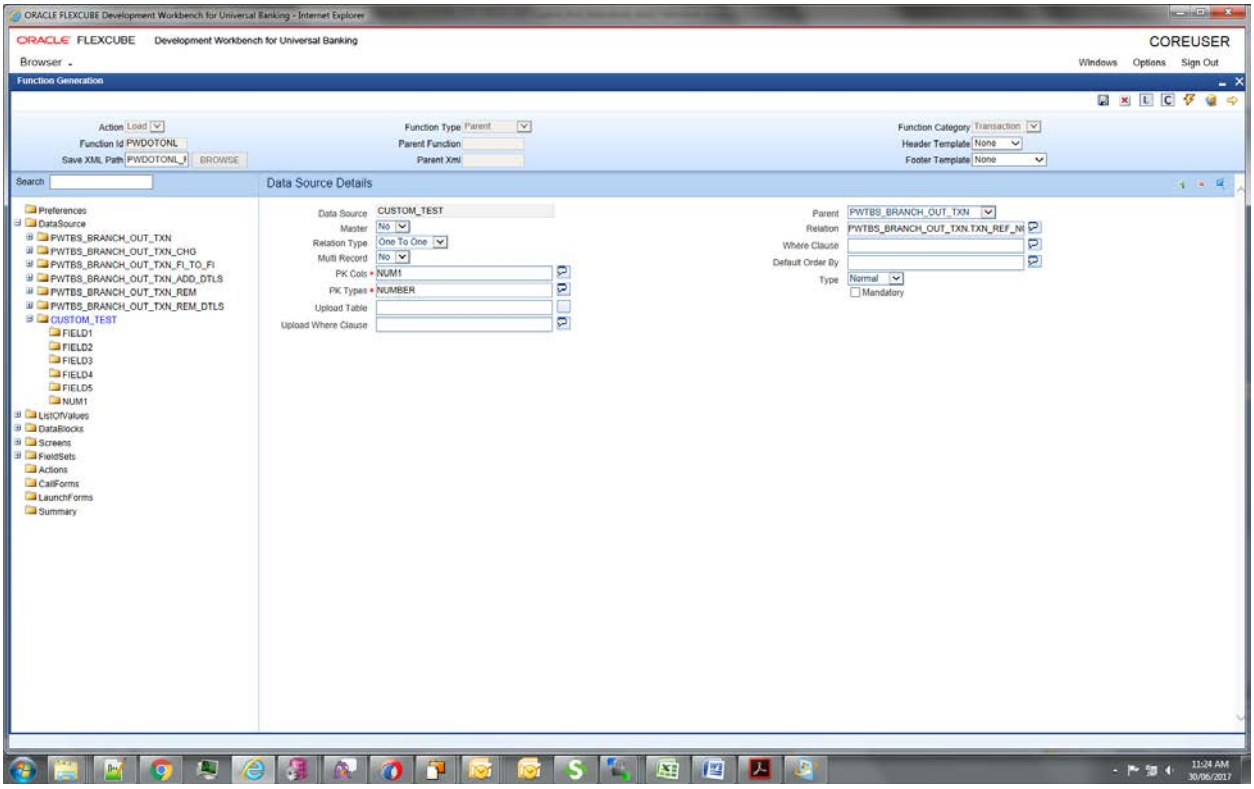
Select the RAD file to be uploaded (Using PWDOTONL for Demo purpose)



Creating a new table for Demo purpose- CUSTOM_TEST:



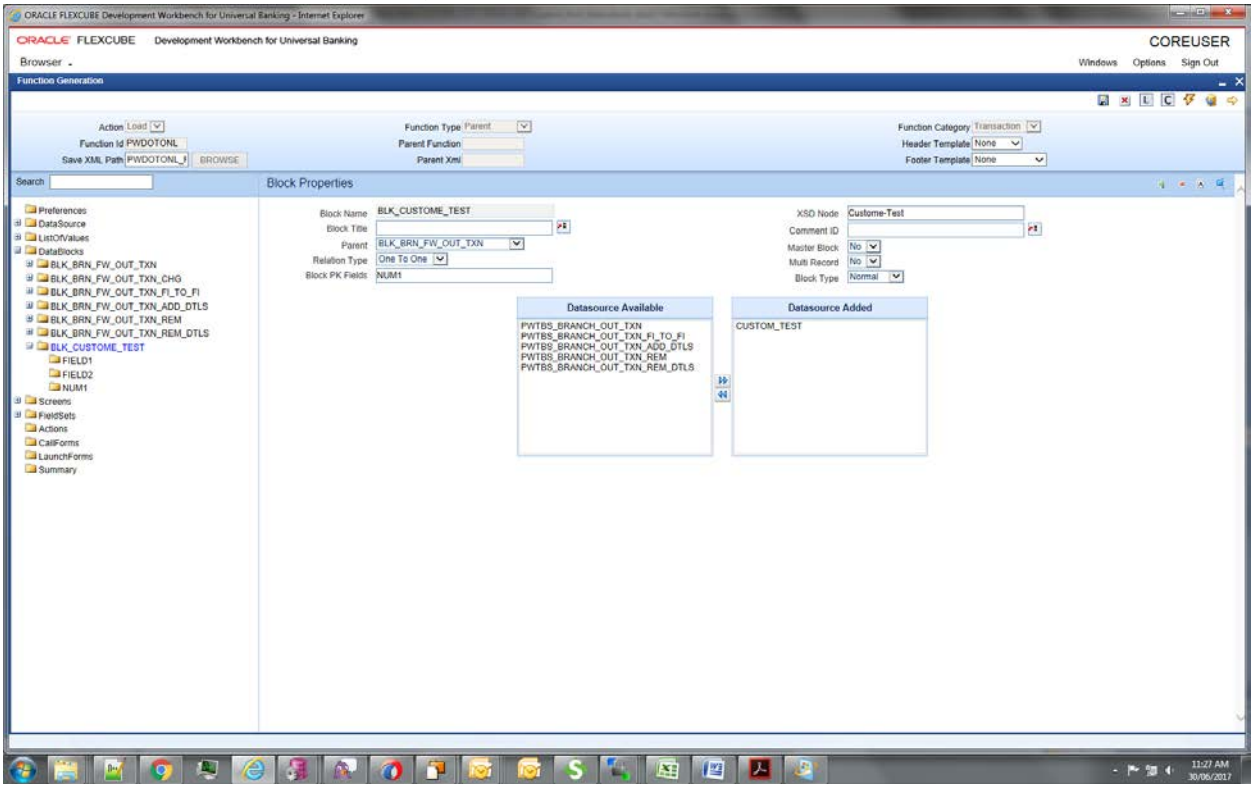
Added a new data source in the data source list and added fields for it. New table name CUSTOM_TEST



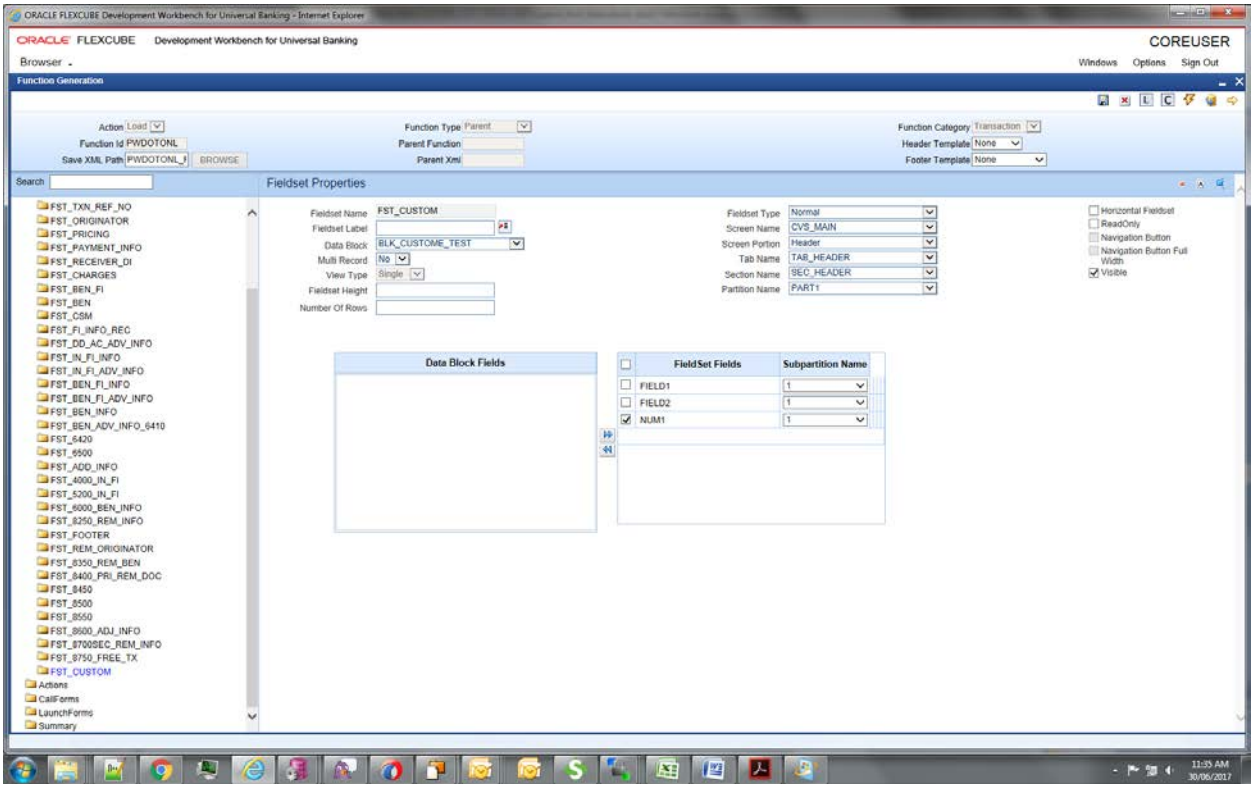
Points to note:

1. Here Num1 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: PWTBS_BRANCH_OUT_TXN.TXN_REF_NO=CUSTOM_TEST.NUM1

Added new Data Block- CUSTOM_TEST and then added three fields to it- Field1, Field2 and Num1 (PK field, and to be used for entity/table mapping). Make sure the PK is mentioned in Block PK fields.
Field1 and Field2 are visible, Num1 is made invisible.

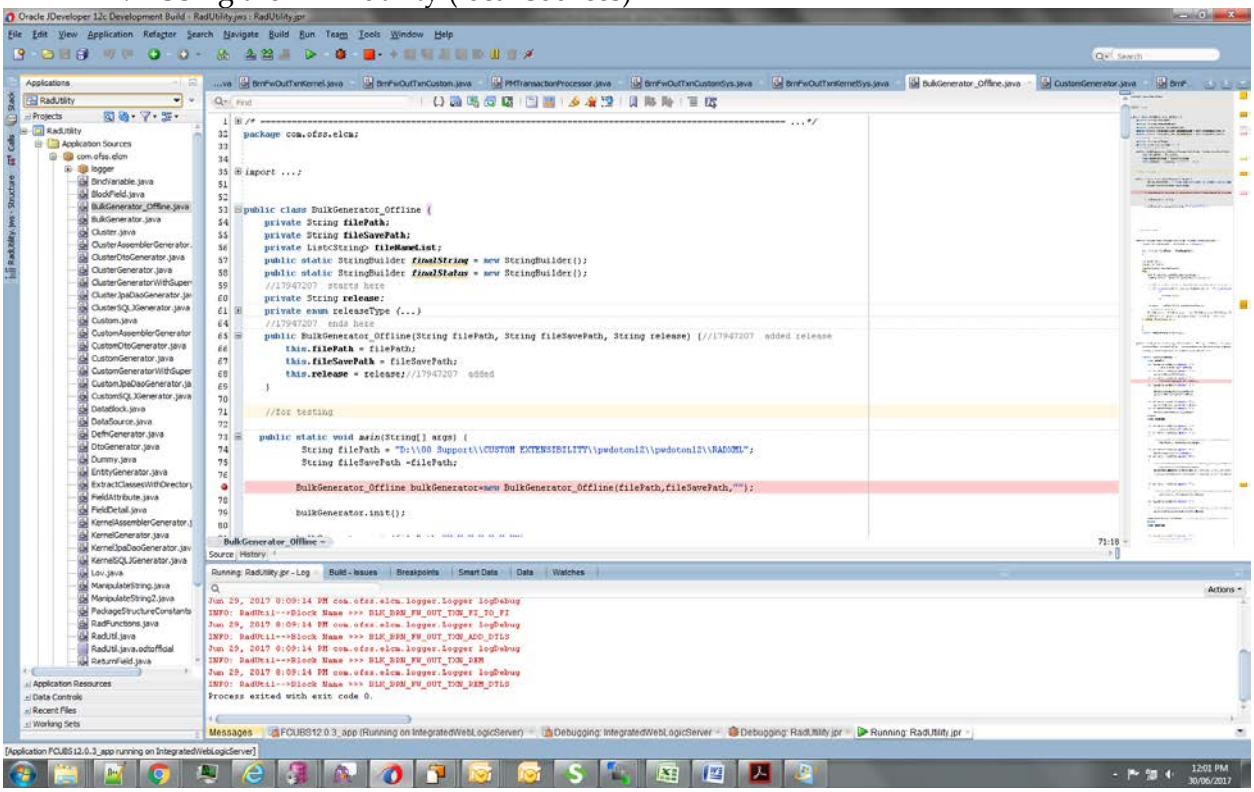


Created a new Field set FST_CUSTOM and added all the three fields to it. Added it in the Header section.



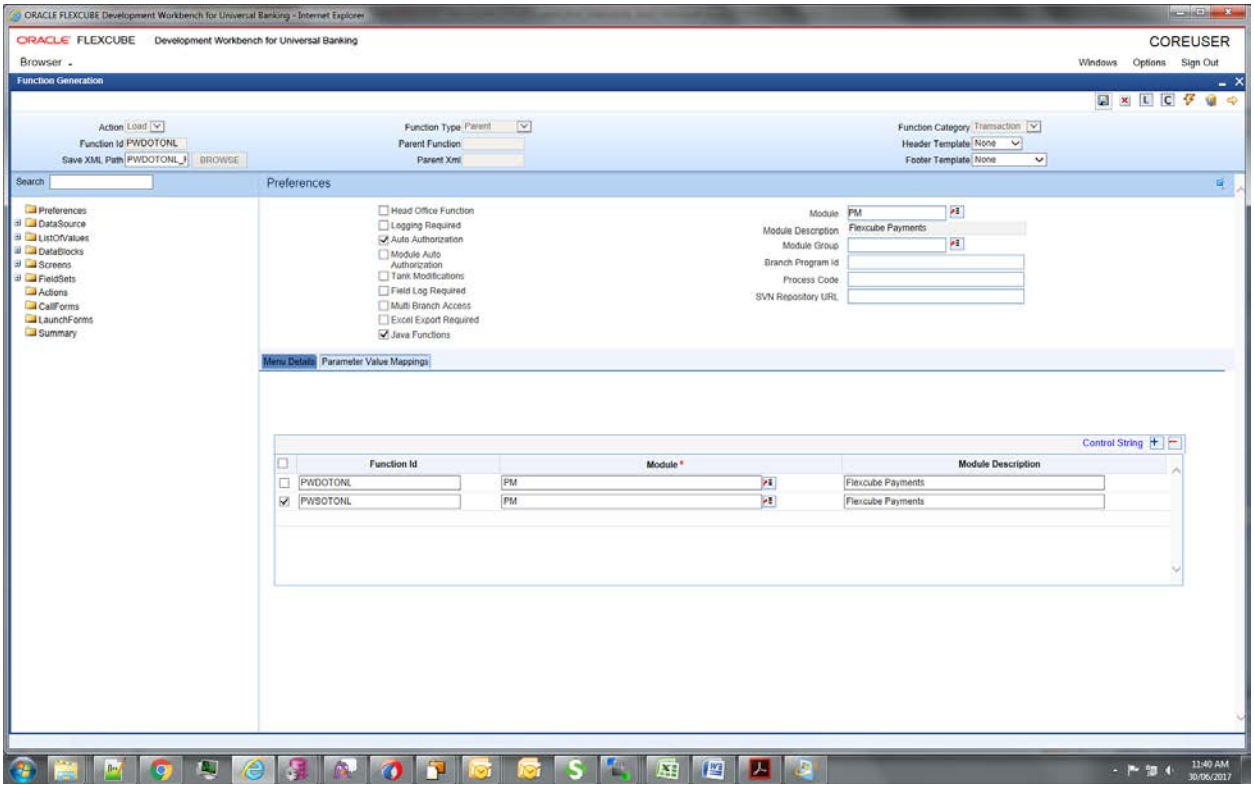
Generated files:

1. Using the RAD utility (local sources)

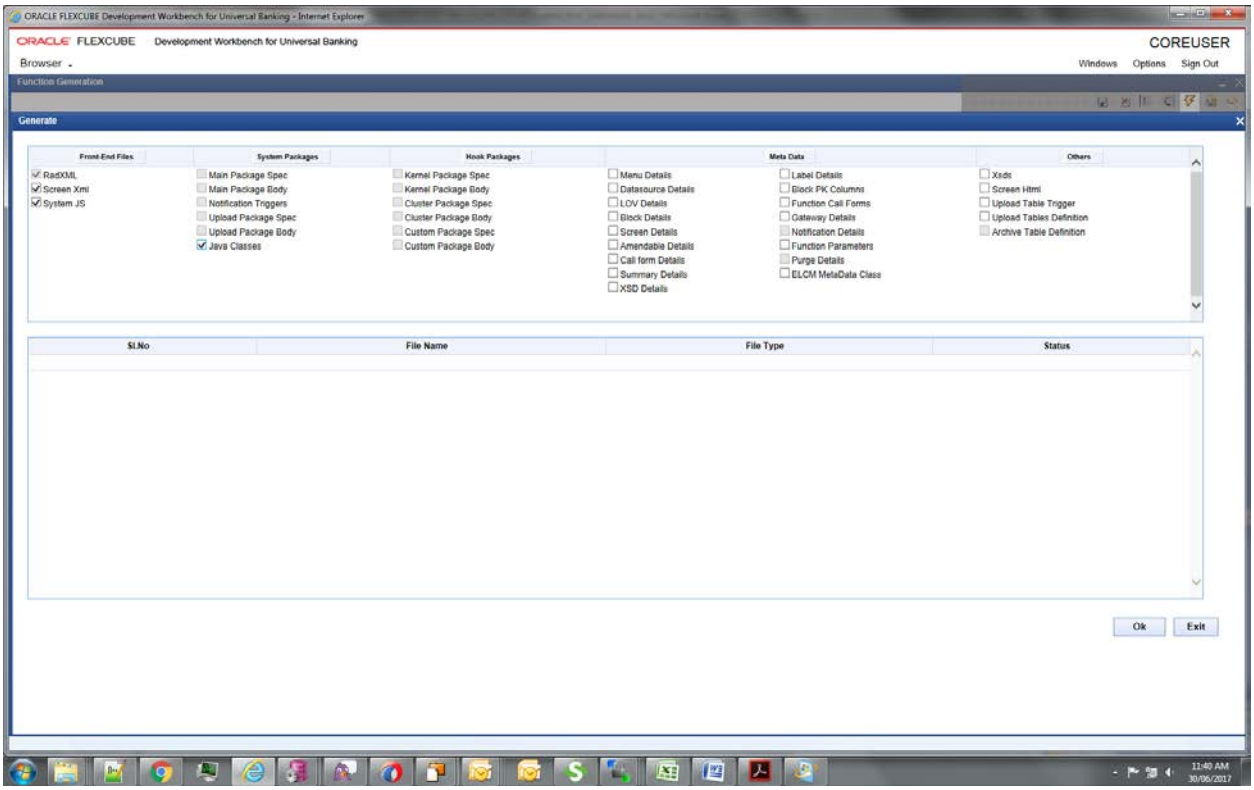


2. Using RADTOOL:

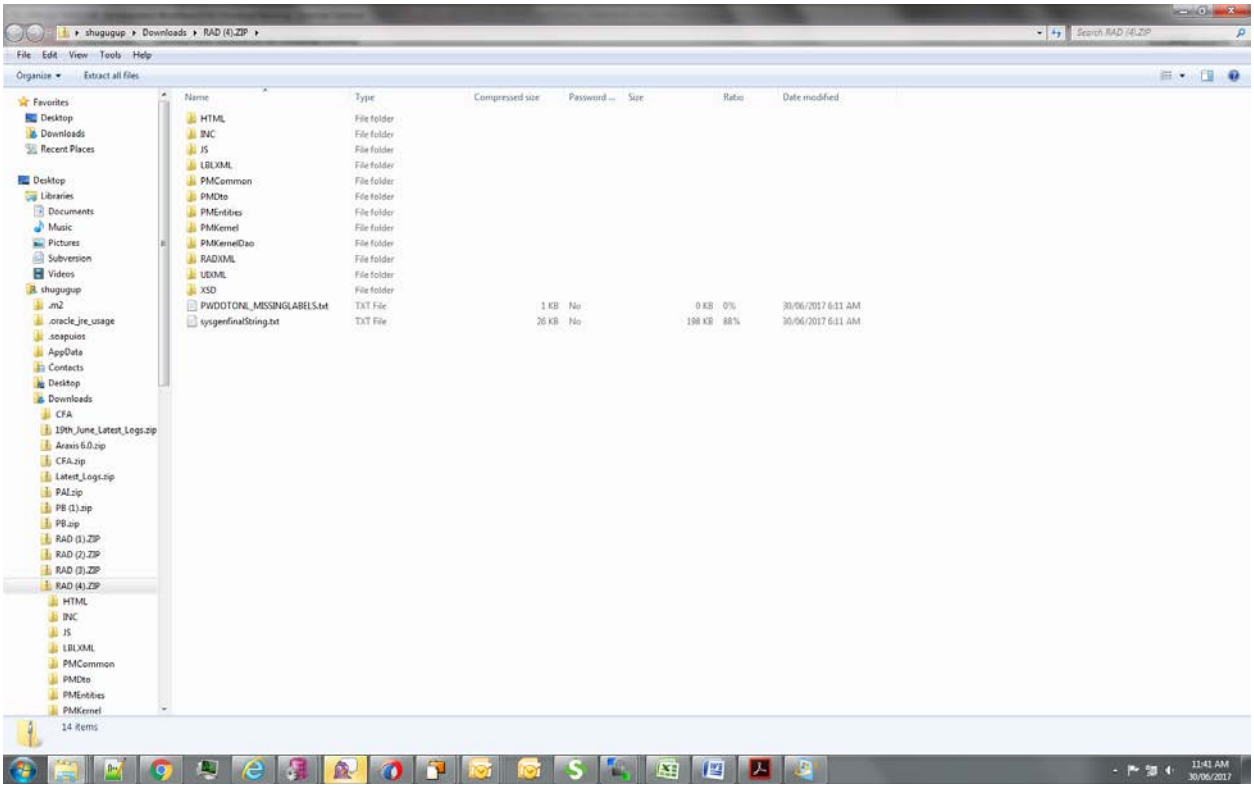
   a. Step 1: Check Java functions in preferences



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



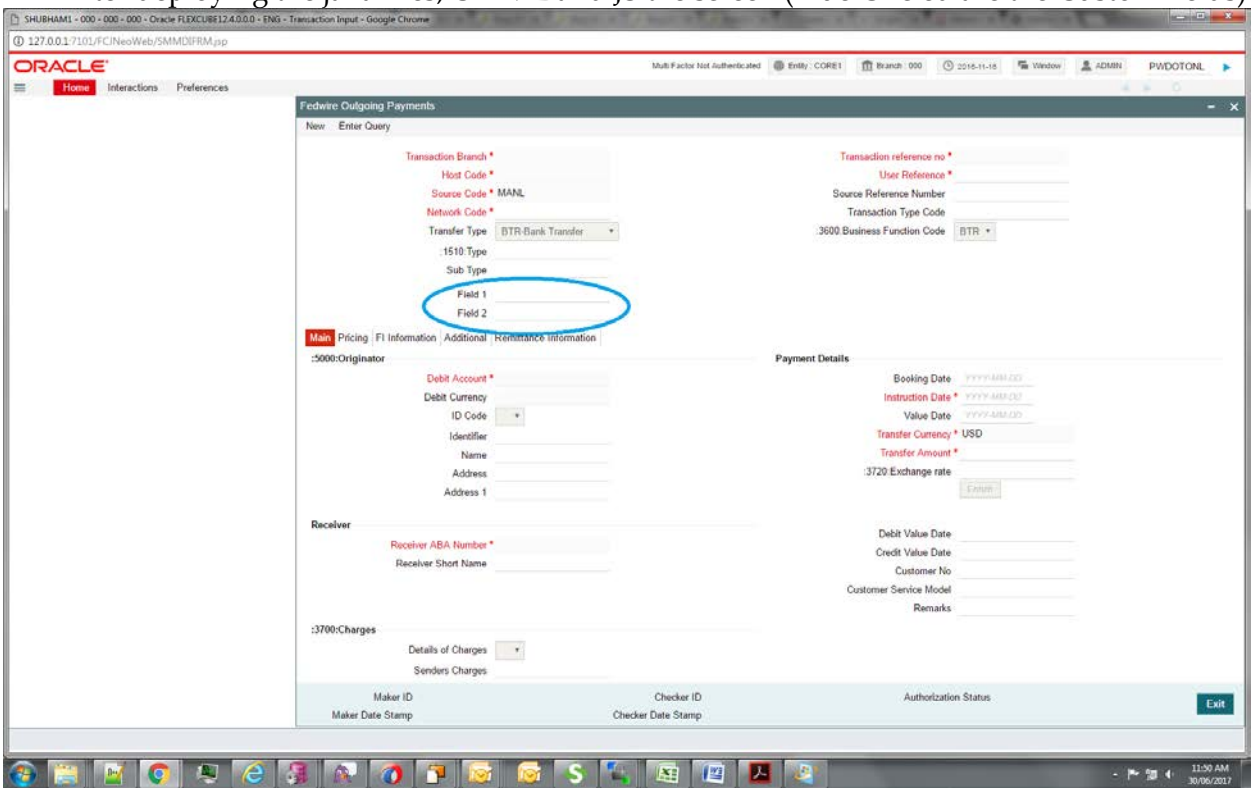
Generated folders



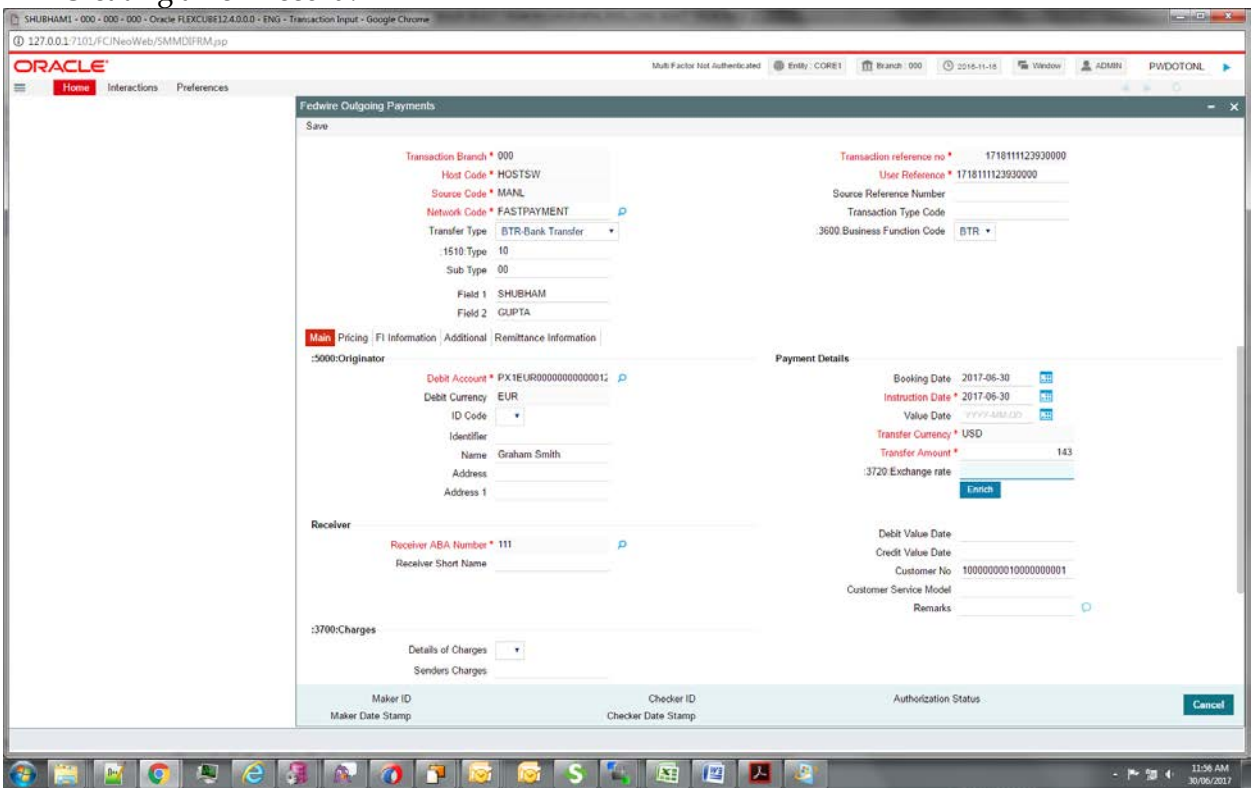
Points to Note:

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., BrnFwOutTxnCustomSys.java (instead of BrnFwOutTxnSys.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, BrnFwOutTxnCustom.java).

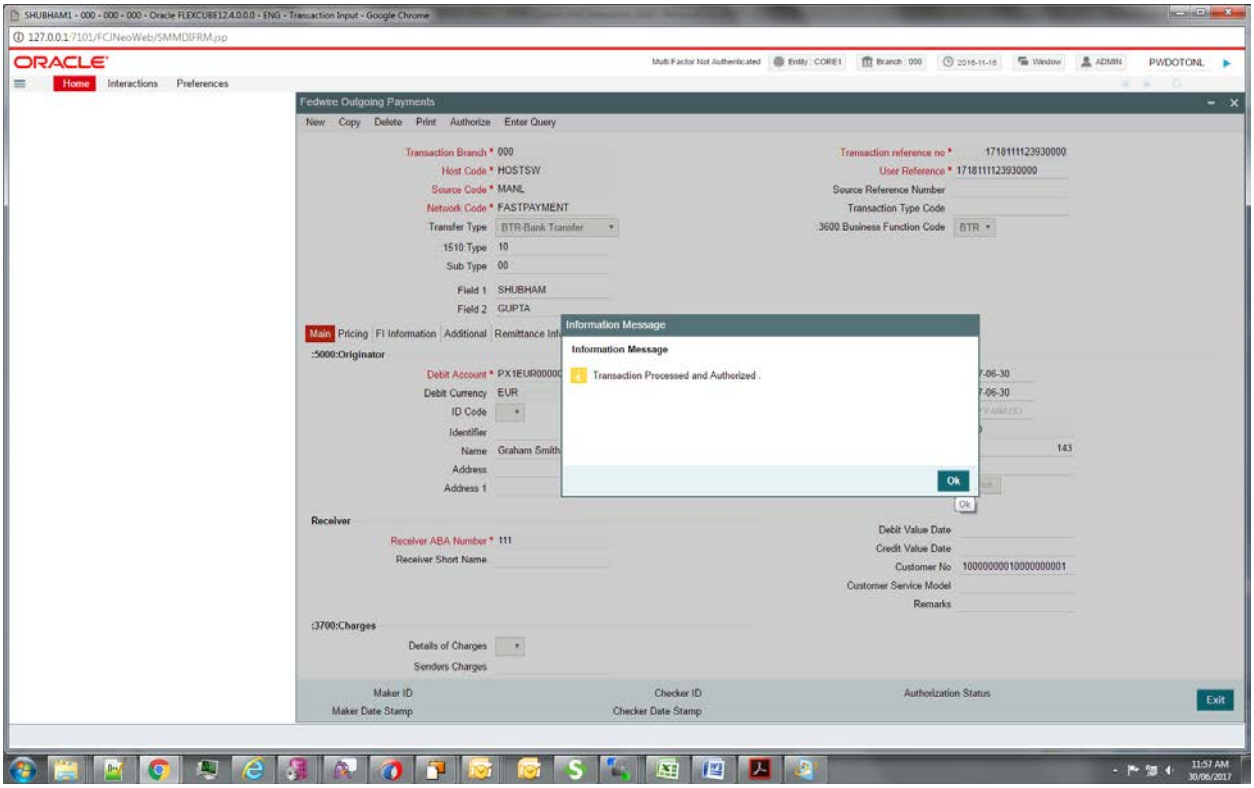
After deploying the java files, UIXML and JS the screen (Blue Circled are the Custom fields)



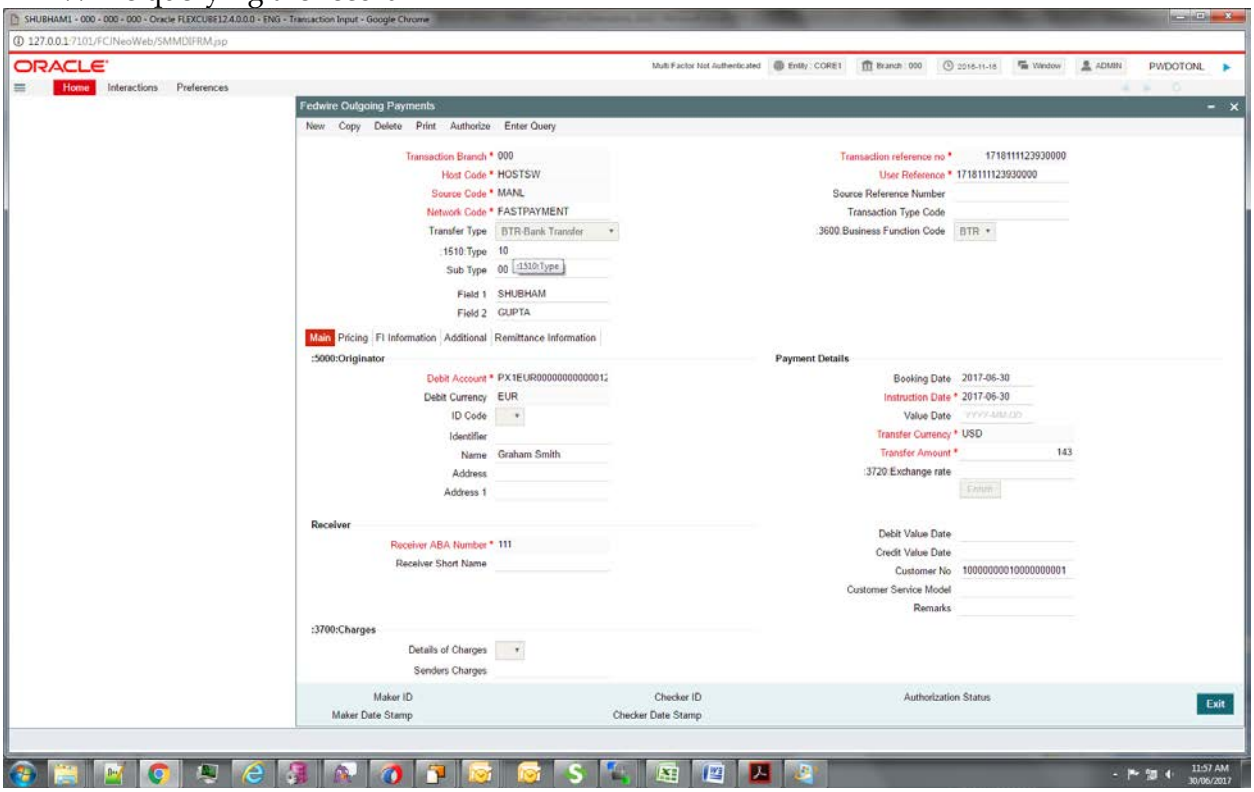
Creating a new record:



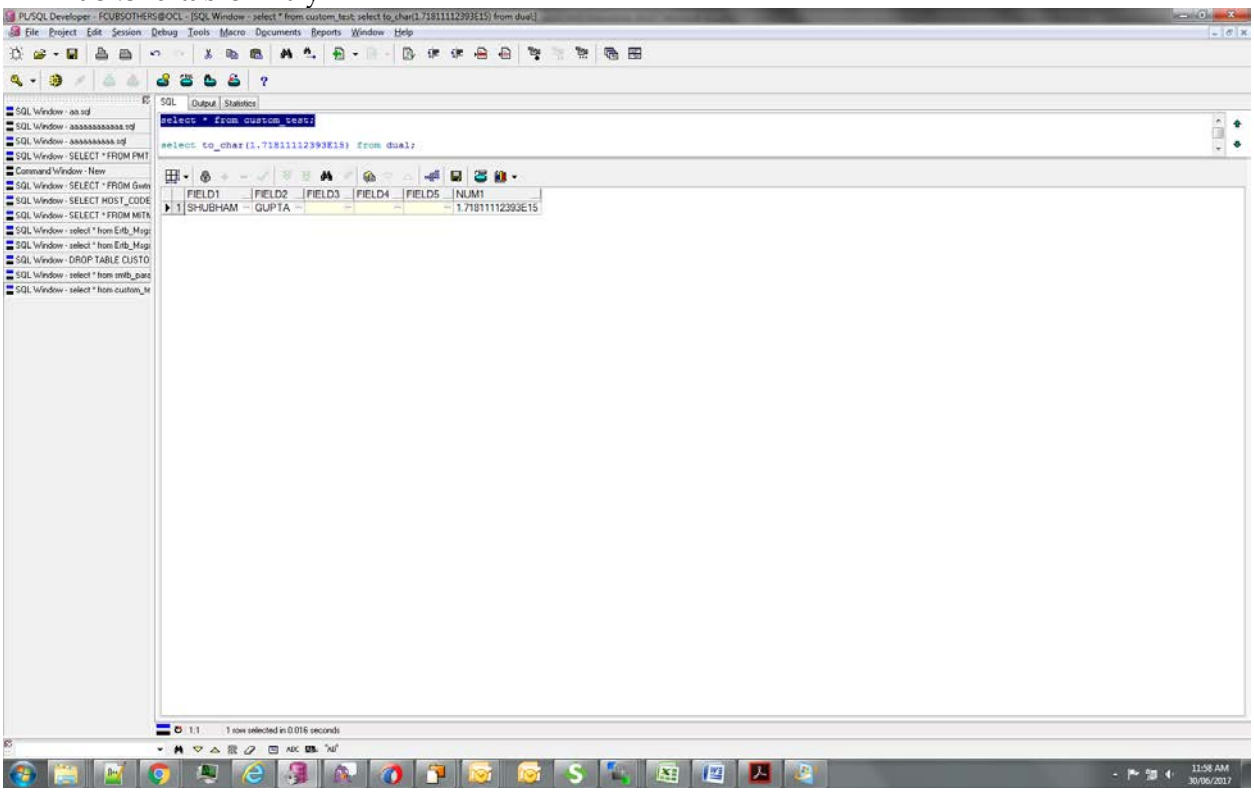
Record saved



While querying the record



Backend table Entry



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