

Oracle® Banking Payments

Custom RAD Extensibility Transaction Screens



Release 14.7.0.0.0

F90906-02

February 2025

The Oracle logo, consisting of a solid red square with the word "ORACLE" in white, uppercase, sans-serif font centered within it.

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Oracle Banking Payments Custom RAD Extensibility Transaction Screens, Release 14.7.0.0.0

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Preface

- [Purpose](#)
- [Audience](#)
This manual is intended for the following User/User Roles:
- [Documentation Accessibility](#)
- [Critical Patches](#)
- [Diversity and Inclusion](#)
- [Conventions](#)

Purpose

This guide is designed to help acquaint you with the Oracle Banking Payments application. This guide provides answers to specific features and procedures that the user need to be aware of the module to function successfully.

Audience

This manual is intended for the following User/User Roles:

Table 1-1 User Roles

Role	Function
Implementation & IT Staff	Implementation & Maintenance of the Software

Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

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Critical Patches

Oracle advises customers to get all their security vulnerability information from the Oracle Critical Patch Update Advisory, which is available at [Critical Patches, Security Alerts and Bulletins](#). All critical patches should be applied in a timely manner to make sure effective security, as strongly recommended by [Oracle Software Security Assurance](#).

Diversity and Inclusion

Oracle is fully committed to diversity and inclusion. Oracle respects and values having a diverse workforce that increases thought leadership and innovation. As part of our initiative to build a more inclusive culture that positively impacts our employees, customers, and partners, we are working to remove insensitive terms from our products and documentation. We are also mindful of the necessity to maintain compatibility with our customers' existing technologies and the need to ensure continuity of service as Oracle's offerings and industry standards evolve. Because of these technical constraints, our effort to remove insensitive terms is ongoing and will take time and external cooperation.

Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

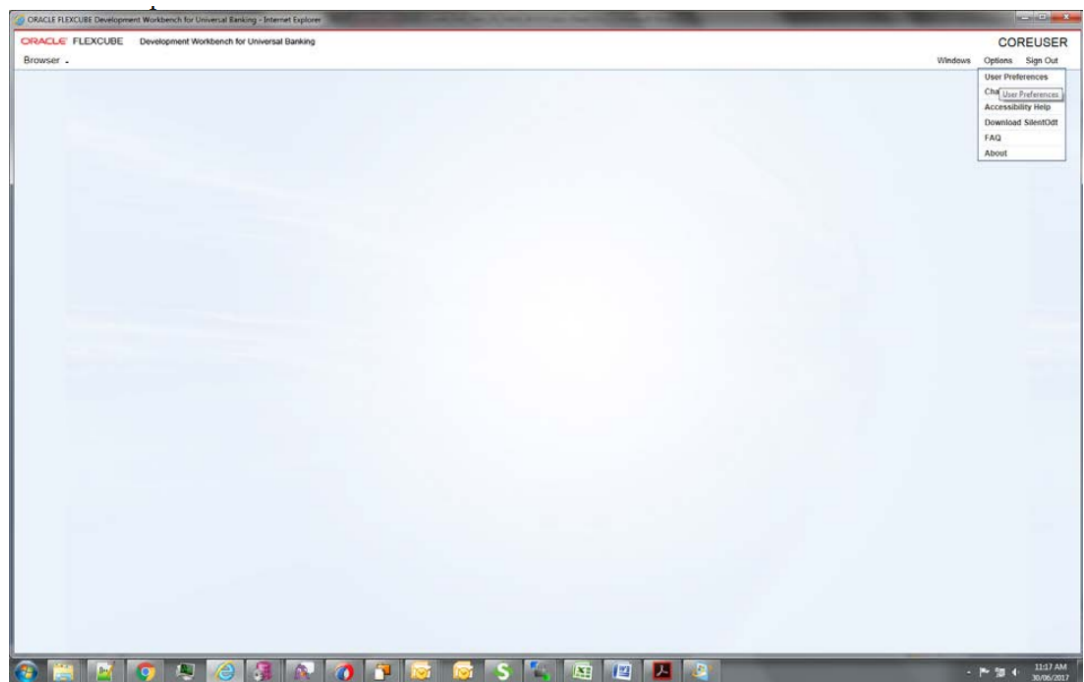
2

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.

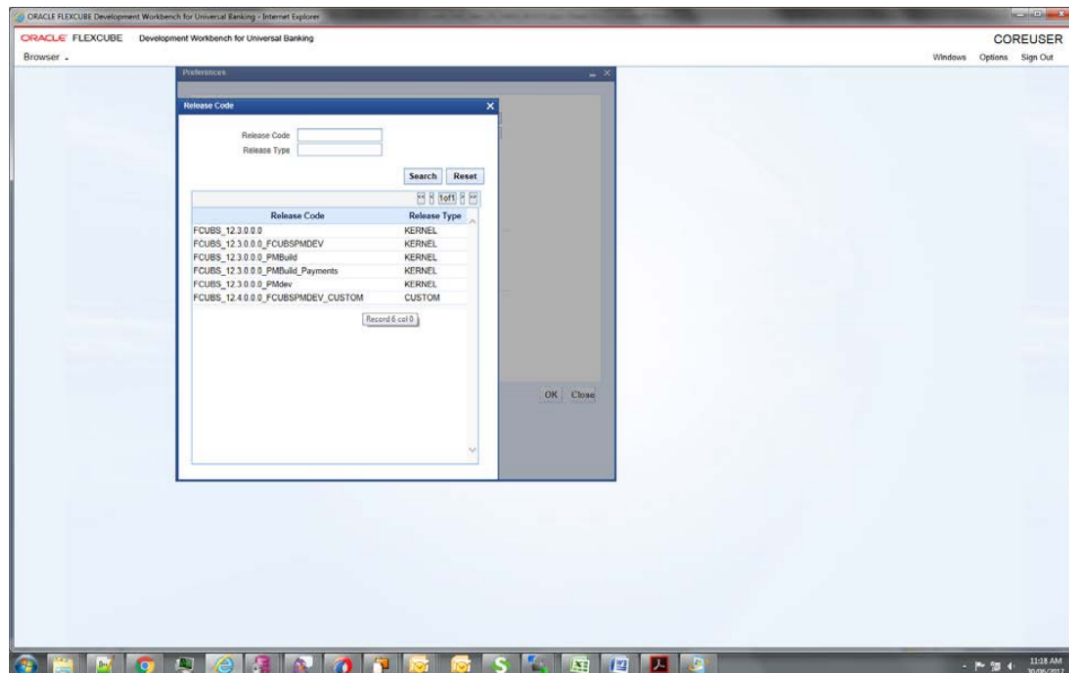
1. Select Options → User Preferences.

Figure 2-1 User Preferences



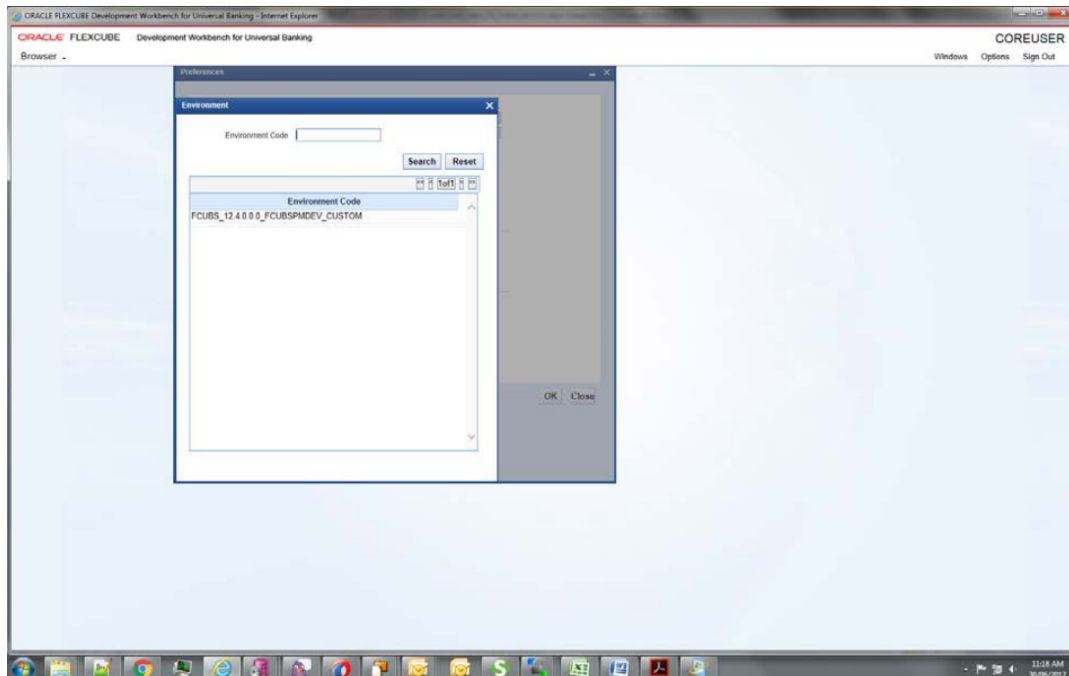
2. Select the Custom release.

Figure 2-2 Custom release



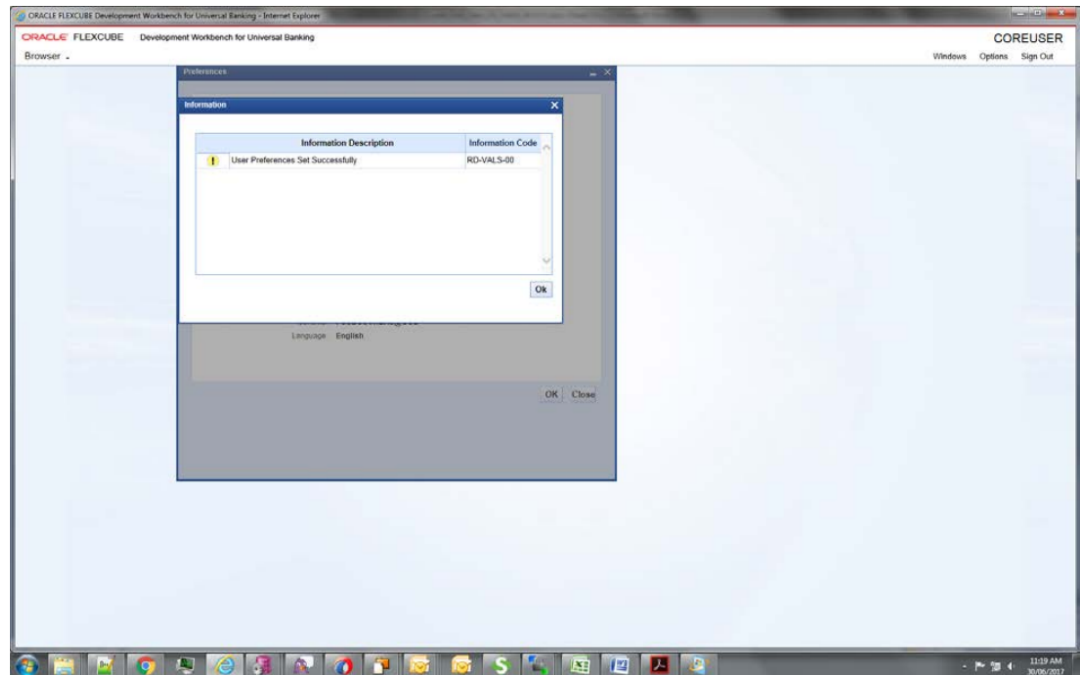
3. Select the environment.

Figure 2-3 Environment



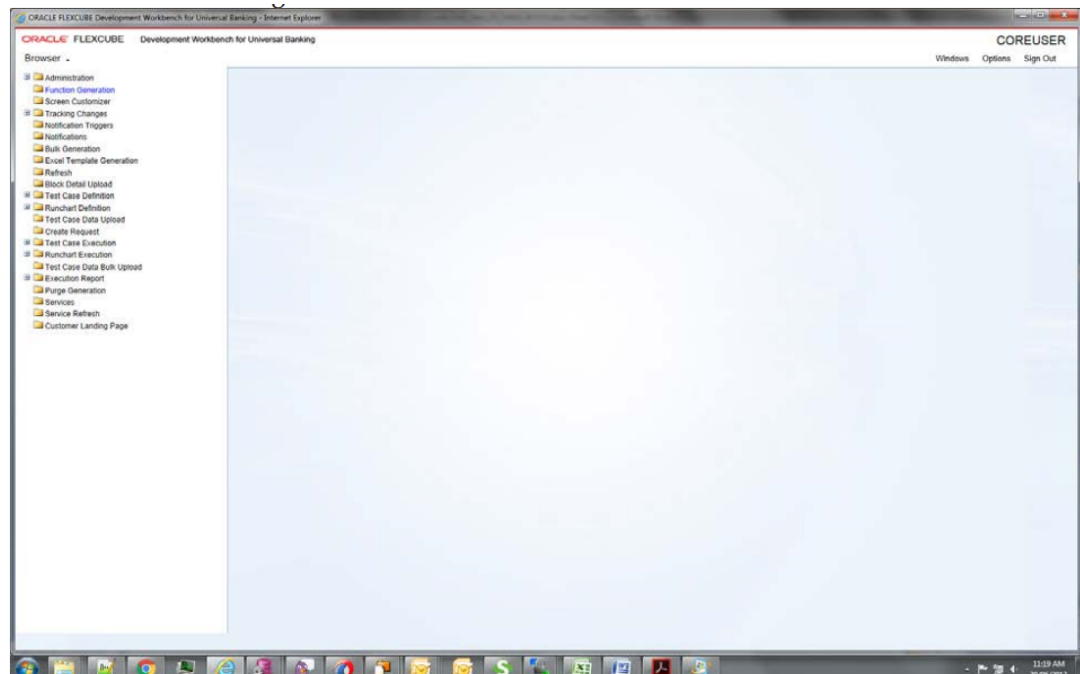
4. And then click ok.

Figure 2-4 Click OK



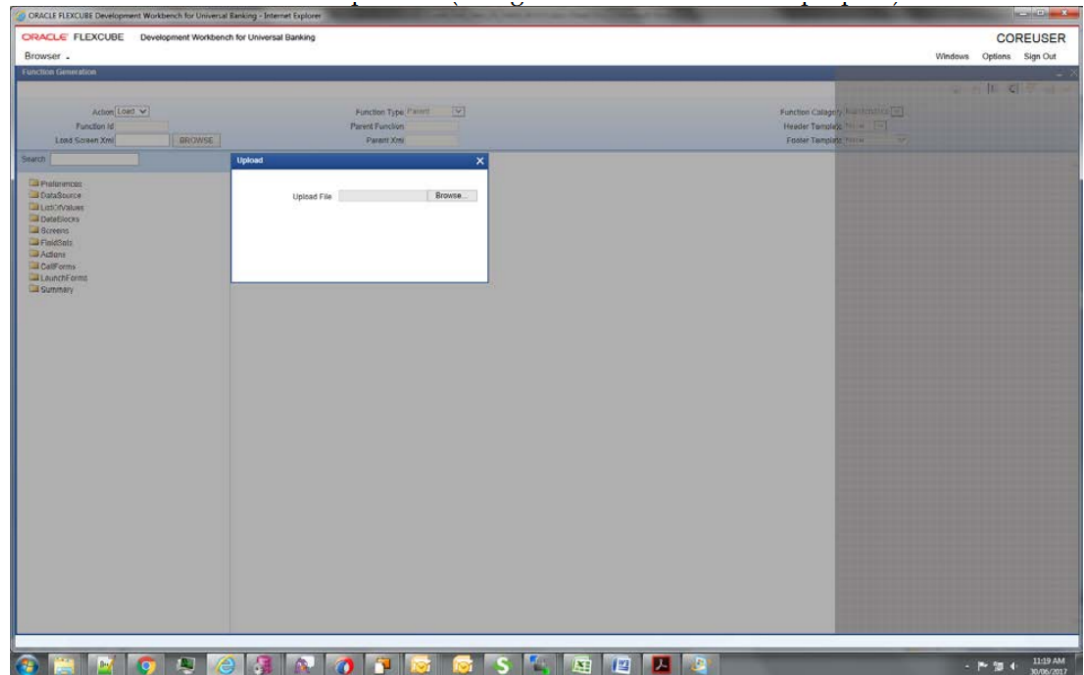
5. Select the function generation.

Figure 2-5 Function Generation



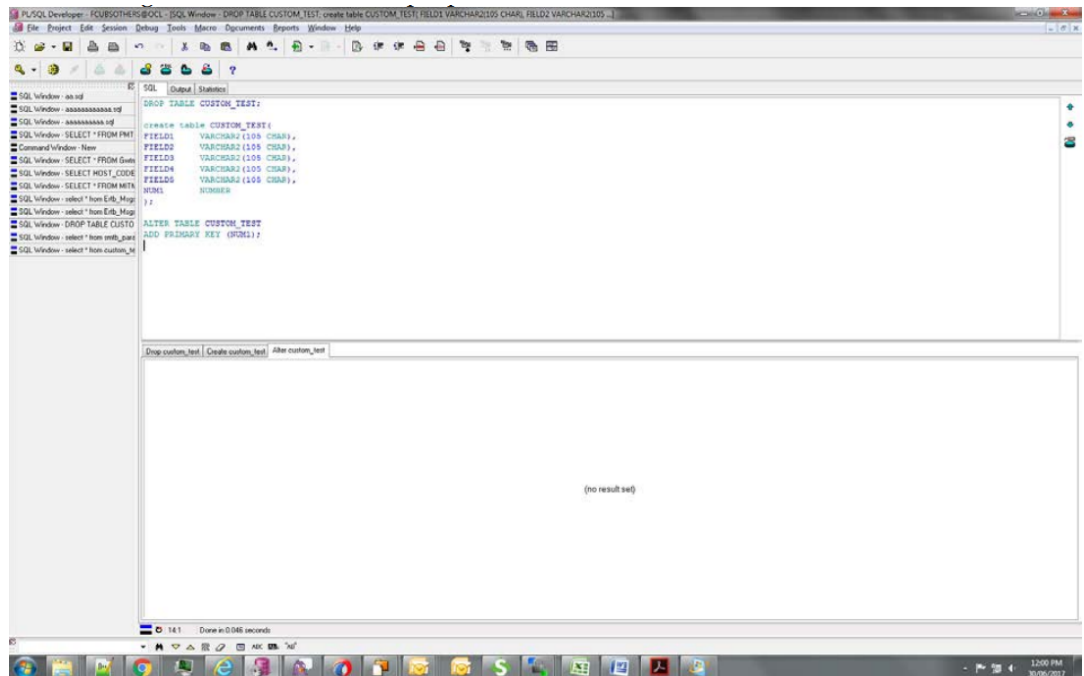
6. Select the RAD file to be uploaded (Using PWDOTONL for Demo purpose).

Figure 2-6 RAD File Upload



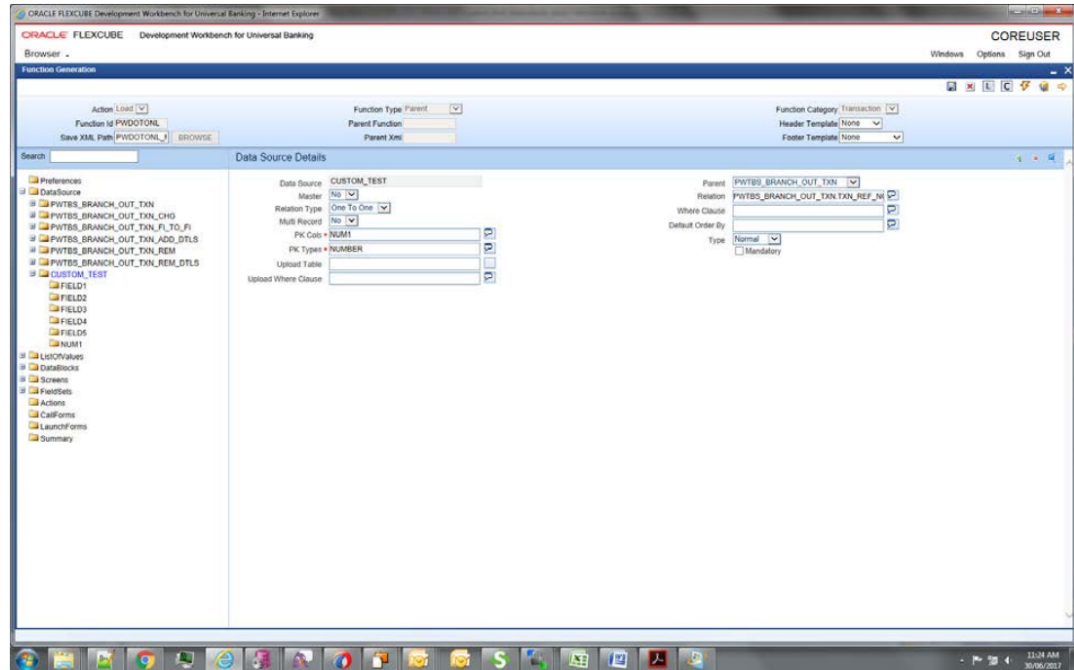
7. Creating a new table for Demo purpose- CUSTOM_TEST:

Figure 2-7 Custom Test



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

Figure 2-8 New Data Source



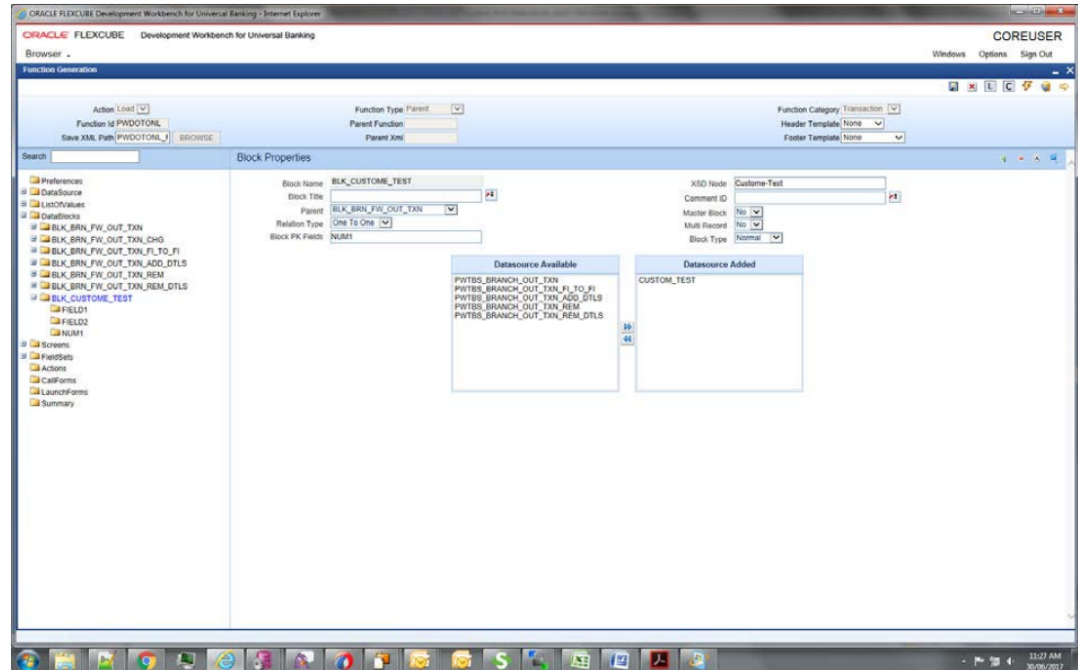
 **Note:**

- 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).
- Relationship given:
PWTBS_BRANCH_OUT_TXN.TXN_REF_NO=CUSTOM_TEST.NUM1

9. 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.

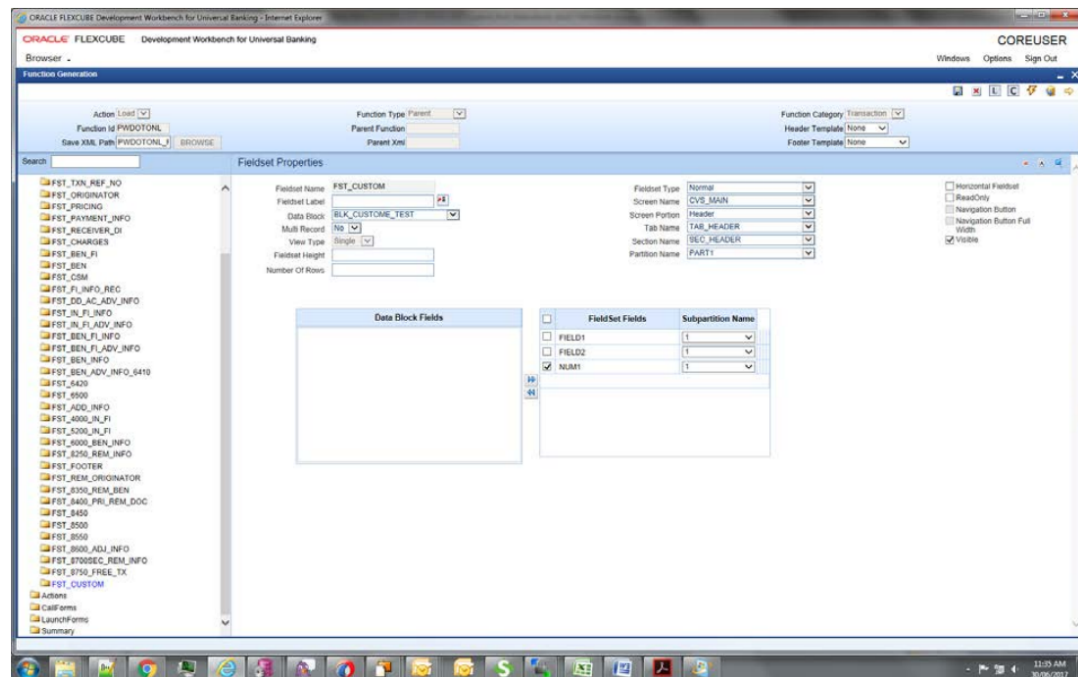
Field1 and Field2 are visible, Num1 is made invisible.

Figure 2-9 Data Block- CUSTOM_TEST



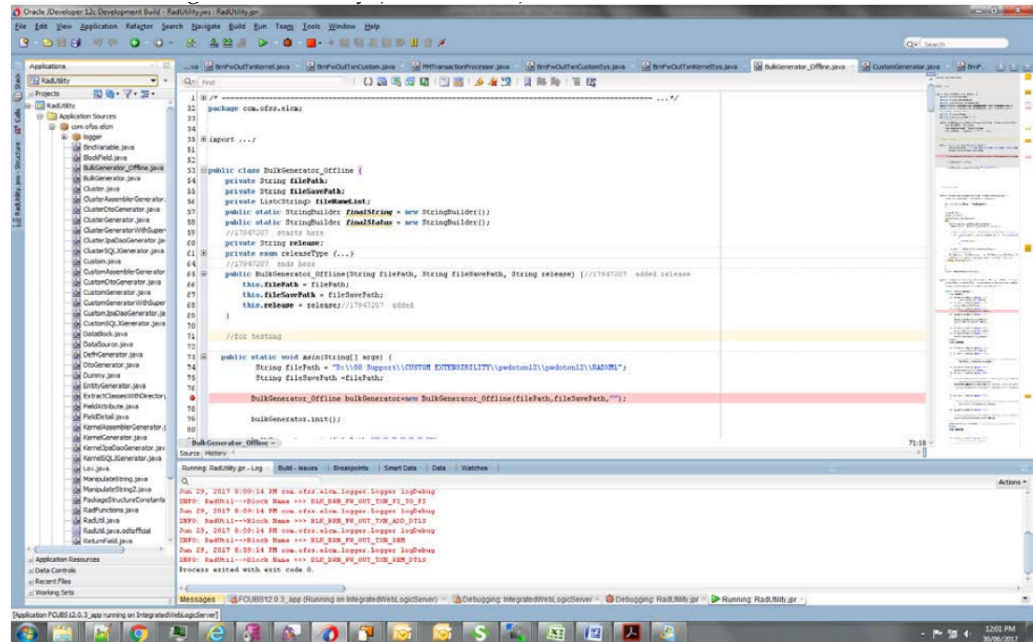
10. Created a new Field set FST_CUSTOM and added all the three fields to it. Added it in the Header section.

Figure 2-10 FST_CUSTOM



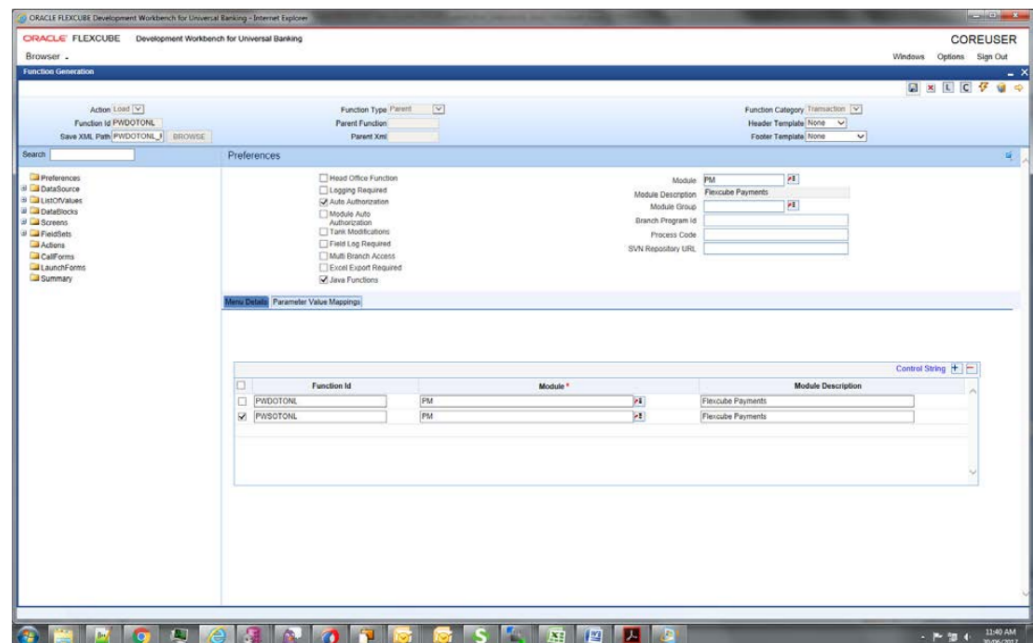
11. Generated files:
 - a. Using the RAD utility (local sources)

Figure 2-11 RAD utility (local sources)



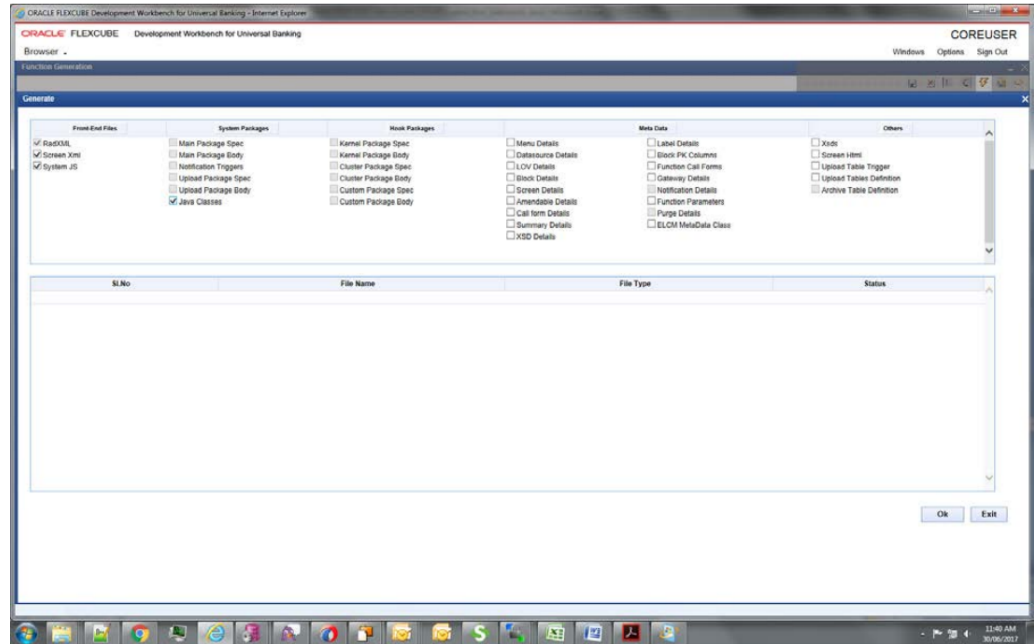
- b. Using RADTOOL:
Check Java functions in preferences

Figure 2-12 Java Functions



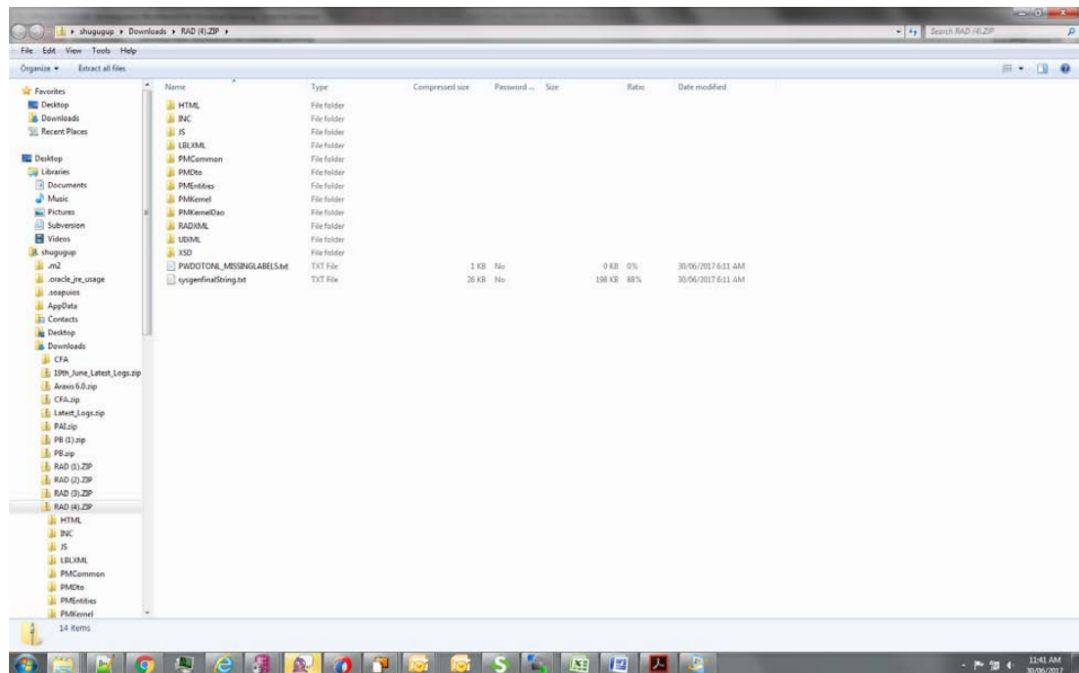
While generating, check Java Classes.

Figure 2-13 Java Classes



12. Generated folders

Figure 2-14 Generated folders

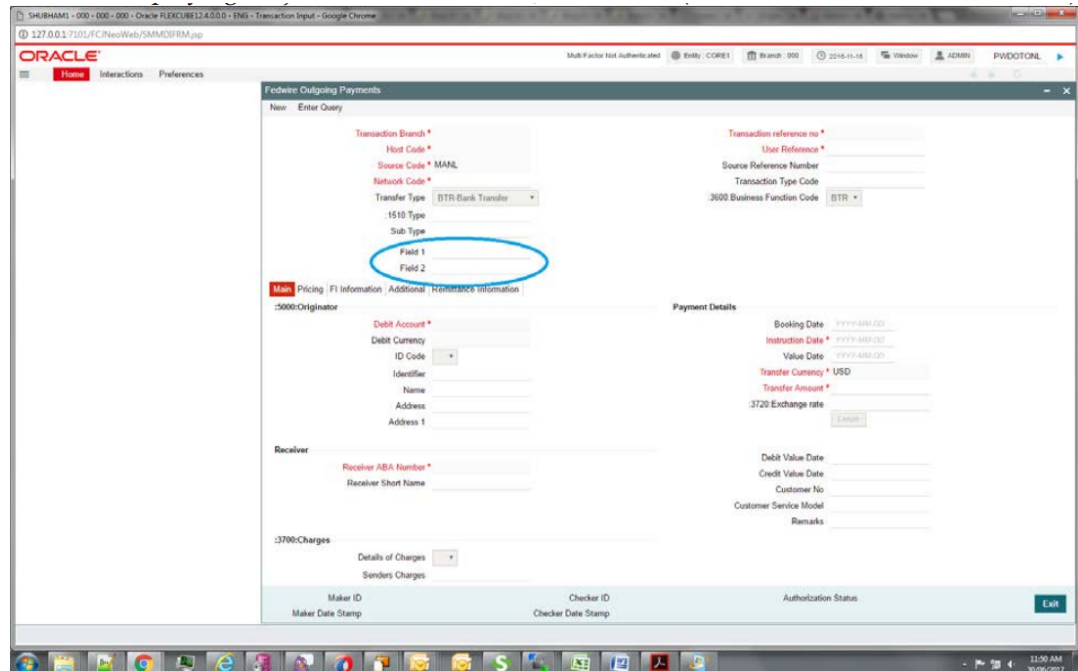


 **Note:**

- The generated artifacts need to be added to the project.
- 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).
- 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.
- Please note that any additional business logic/validations can be added in <MasterBlockName>Custom.java file (for example, in this case, BrnFwOutTxnCustom.java).

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

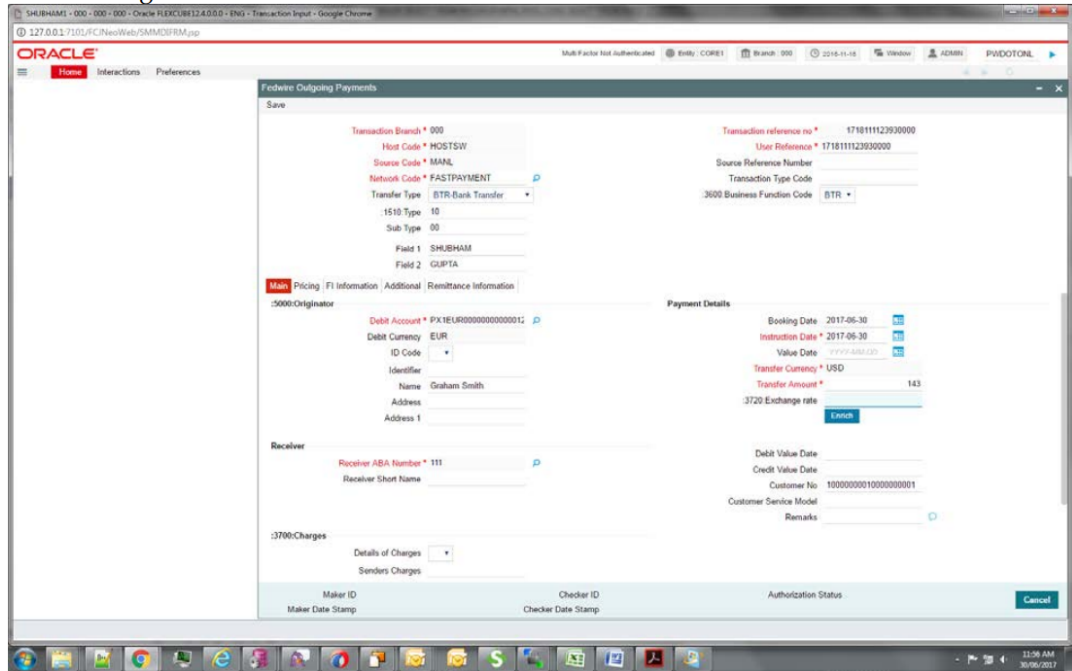
Figure 2-15 UIXML and JS



The screenshot displays the Oracle Financials 'Fedwire Outgoing Payments' form. The form is divided into several sections: 'Originator', 'Receiver', and 'Payment Details'. The 'Originator' section includes fields for 'Debit Account', 'Debit Currency', 'ID Code', 'Identifier', 'Name', 'Address', and 'Address 1'. The 'Receiver' section includes 'Receiver ABA Number' and 'Receiver Short Name'. The 'Payment Details' section includes 'Booking Date', 'Instruction Date', 'Value Date', 'Transfer Currency', 'Transfer Amount', and 'Exchange rate'. A blue circle highlights the 'Field 1' and 'Field 2' input fields, which are custom fields added to the form. The form also includes a 'Main' tab and a 'Charges' section at the bottom.

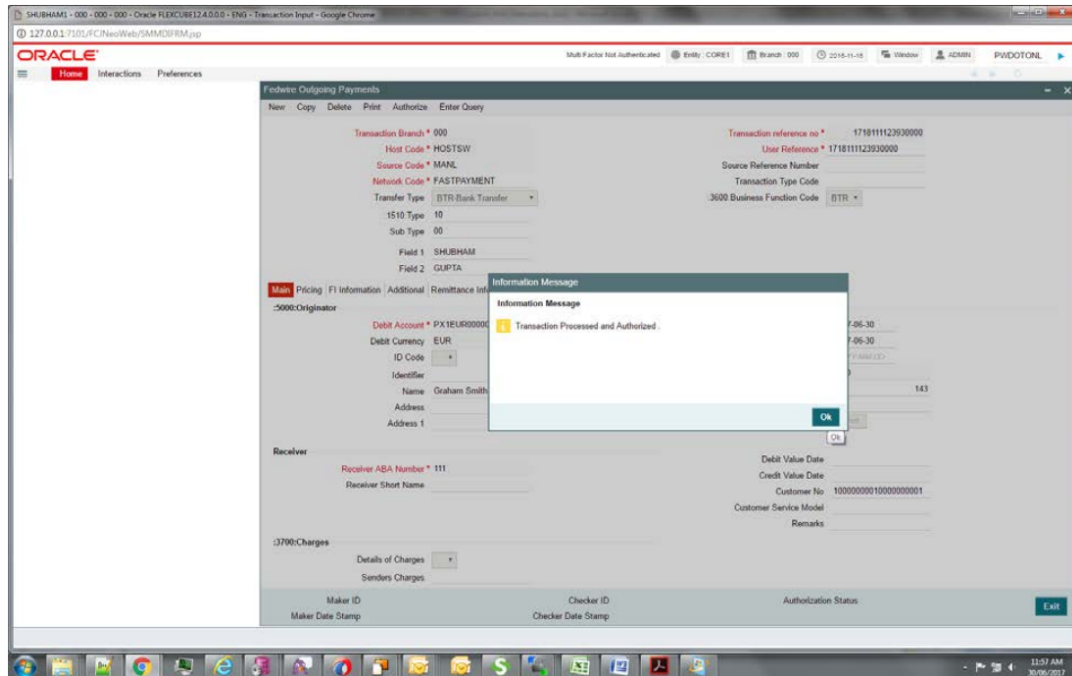
14. Creating a new record:

Figure 2-16 New record



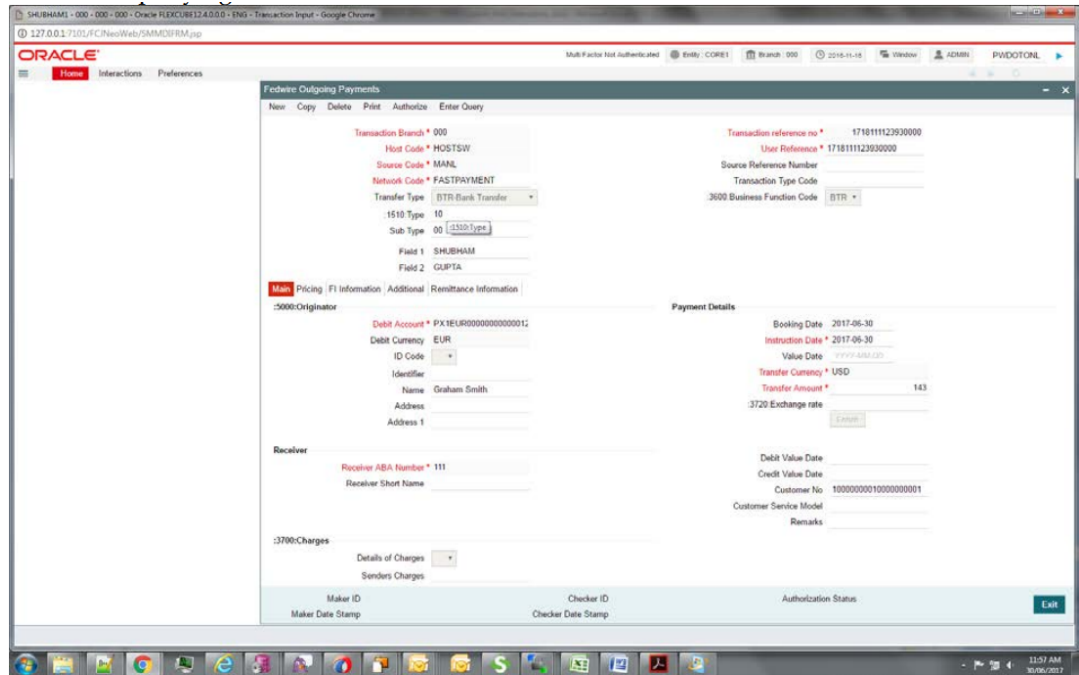
15. Record saved

Figure 2-17 Record saved



16. While querying the record

Figure 2-18 Querying record



17. Backend table Entry

Figure 2-19 Table Entry

