

Oracle® Banking Payments

Custom RAD Extensibility Transaction Screens



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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 User Roles

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

[Documentation Accessibility](#)

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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.
<code>monospace</code>	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

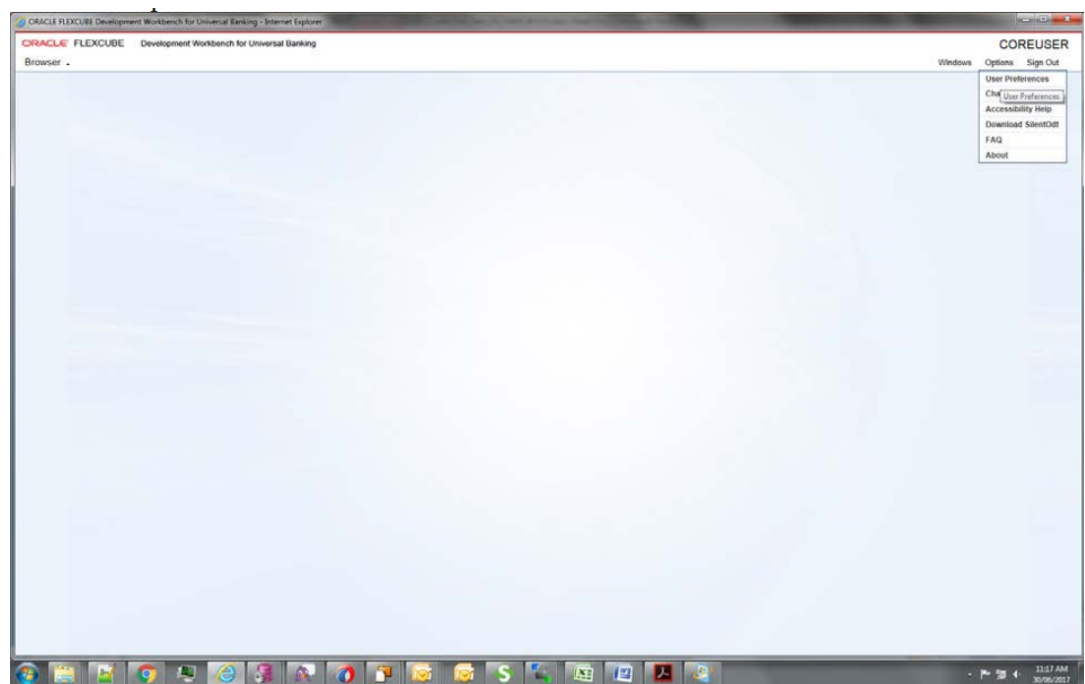
1

Approach

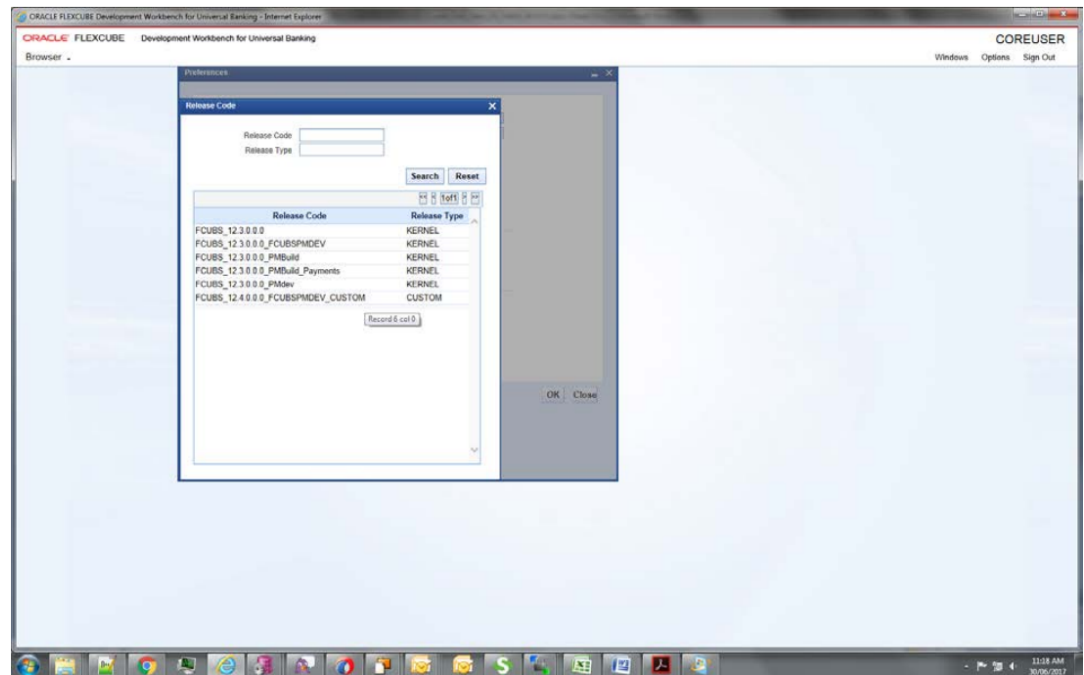
For demo purpose, we will be taking a transaction screen: PWDOTONL (Fedwire outgoing Transaction screen). We will create a demo table, add it to the RAD with 3 fields and then Save/query the record.

1. Select Options → User Preferences.

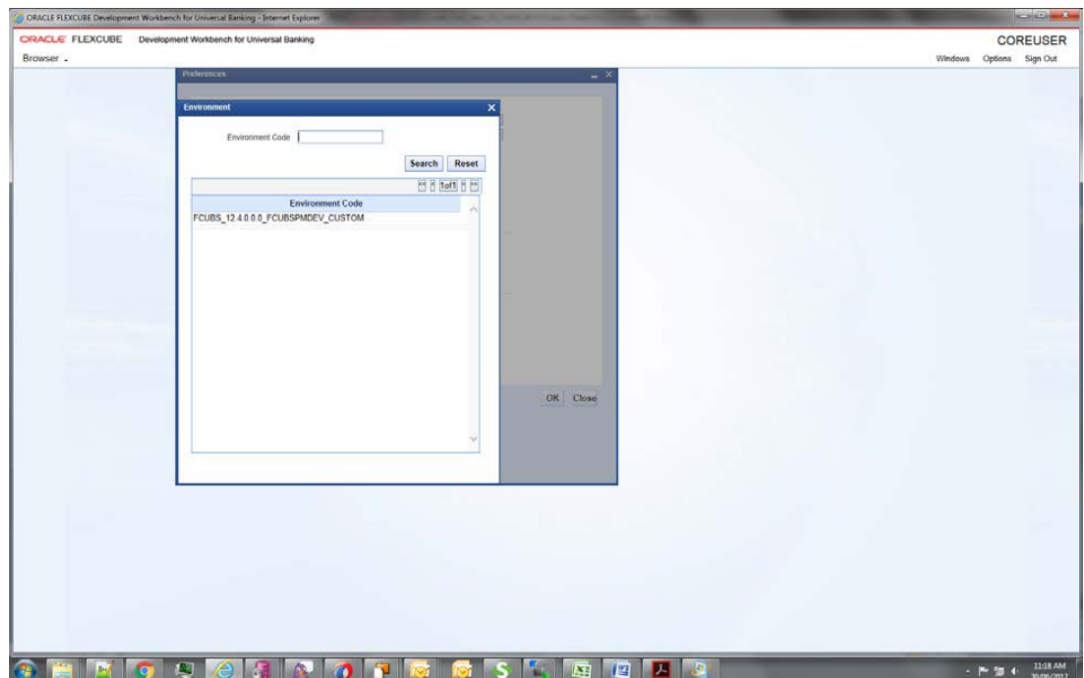
Figure 1-1 User Preferences



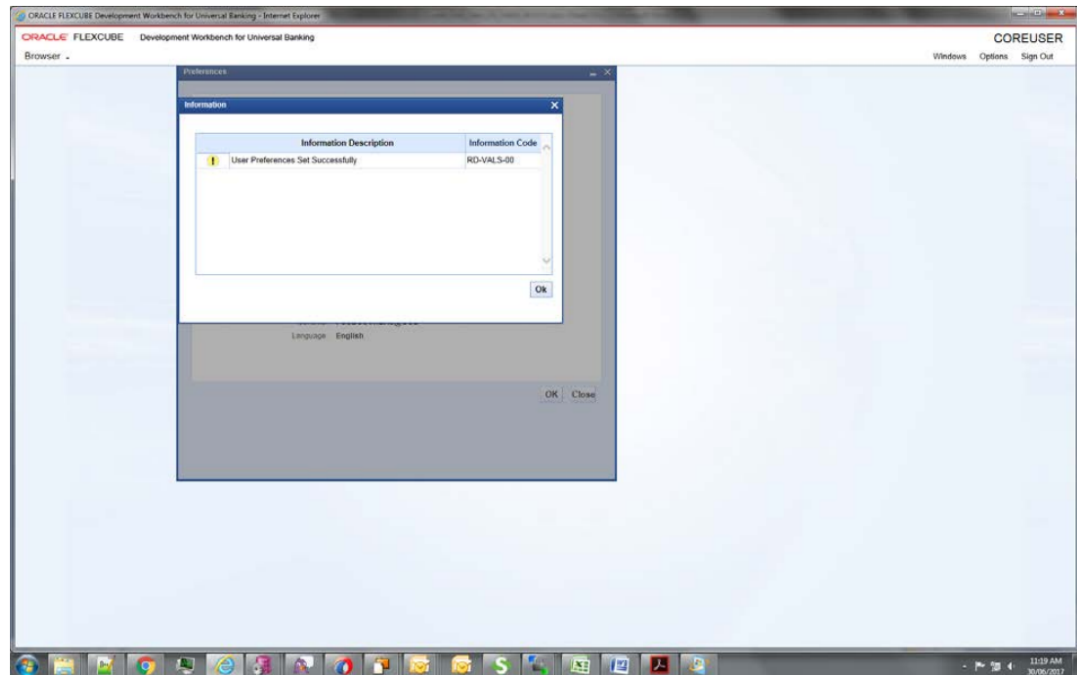
2. Select the Custom release.

Figure 1-2 Custom release

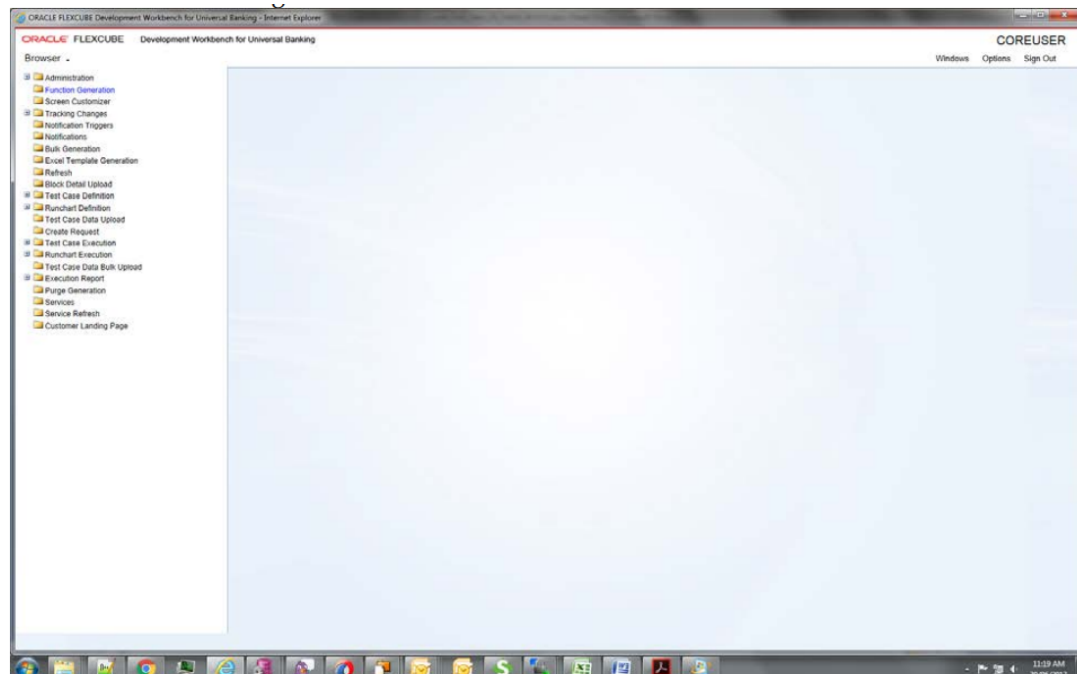
3. Select the environment.

Figure 1-3 Environment

4. And then click ok.

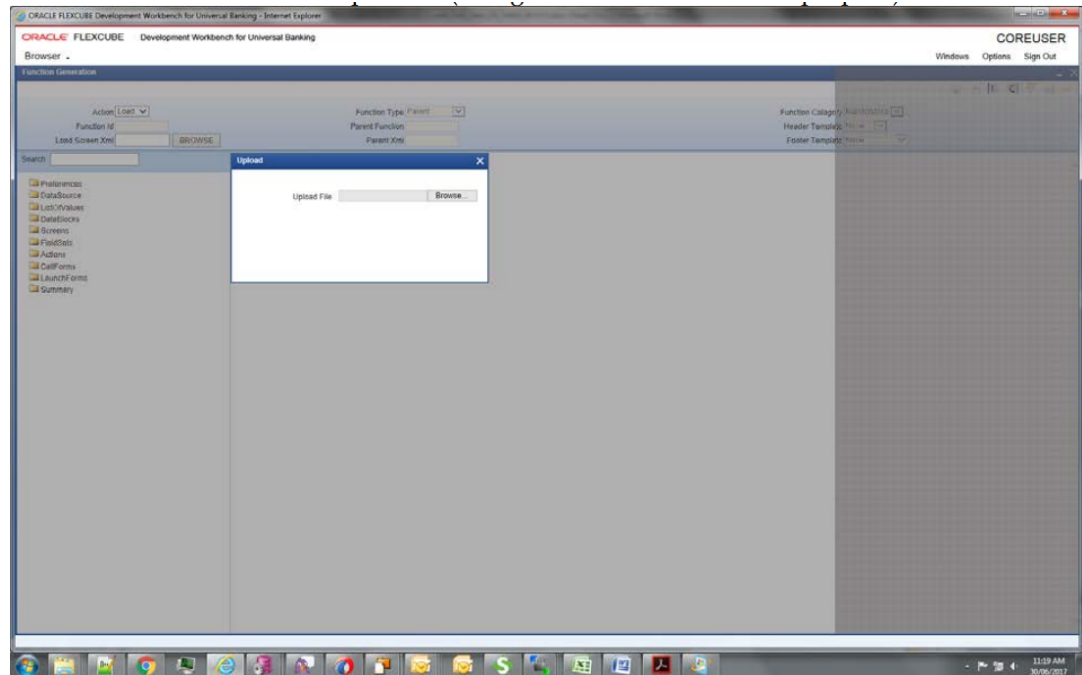
Figure 1-4 Click OK

5. Select the function generation.

Figure 1-5 Function Generation

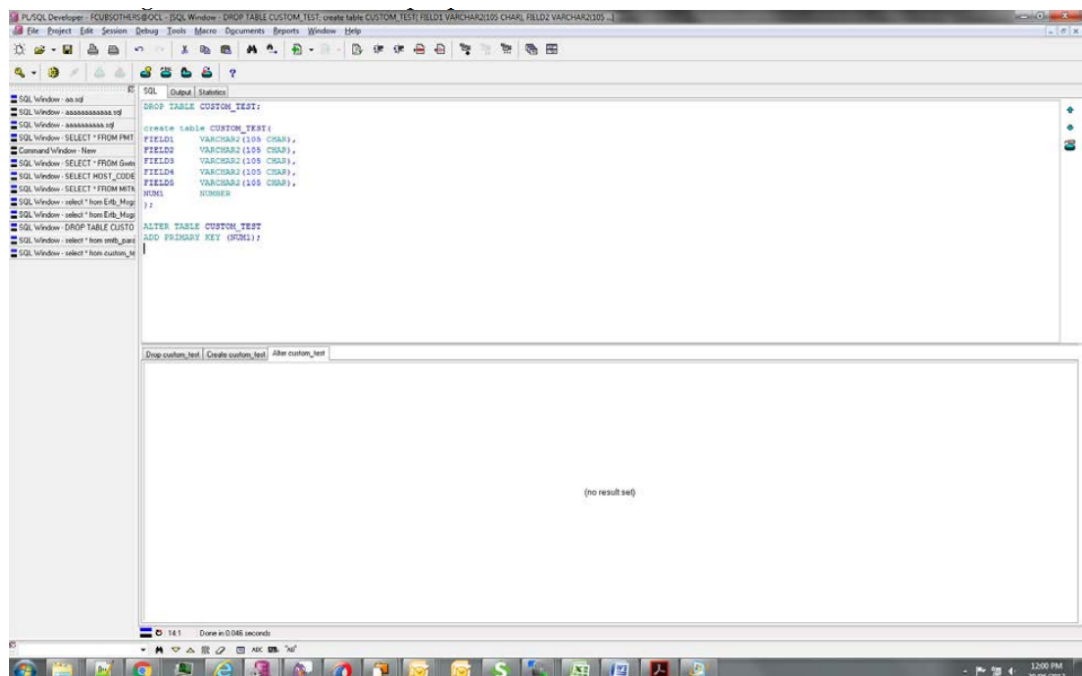
6. Select the RAD file to be uploaded (Using PWDOTONL for Demo purpose).

Figure 1-6 RAD File Upload



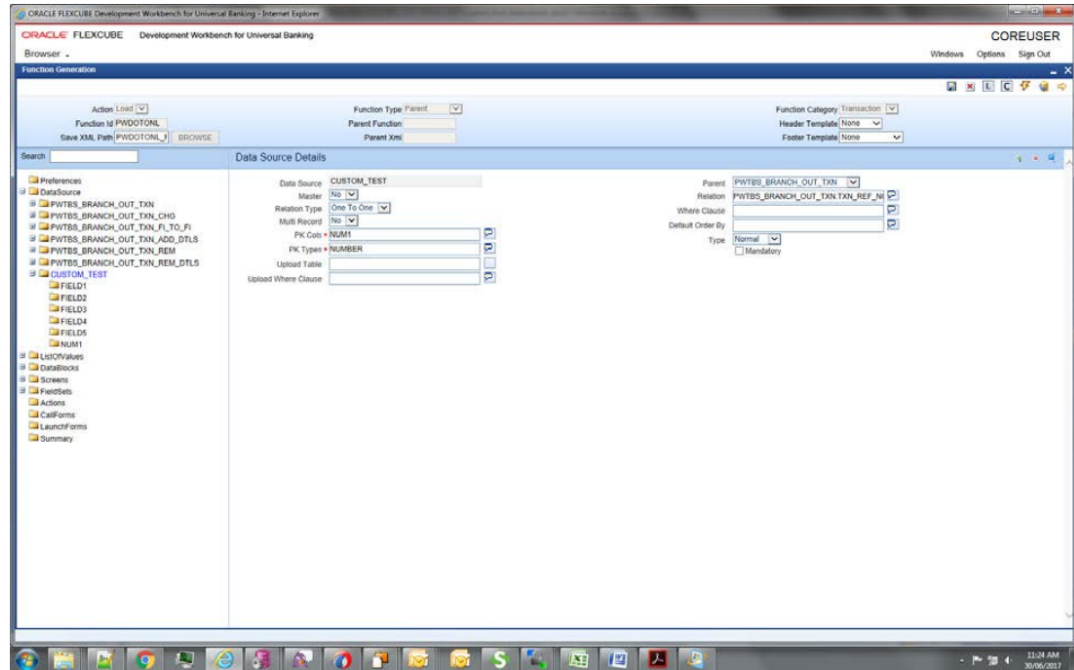
7. Creating a new table for Demo purpose- CUSTOM_TEST:

Figure 1-7 Custom Test



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

Figure 1-8 New Data Source



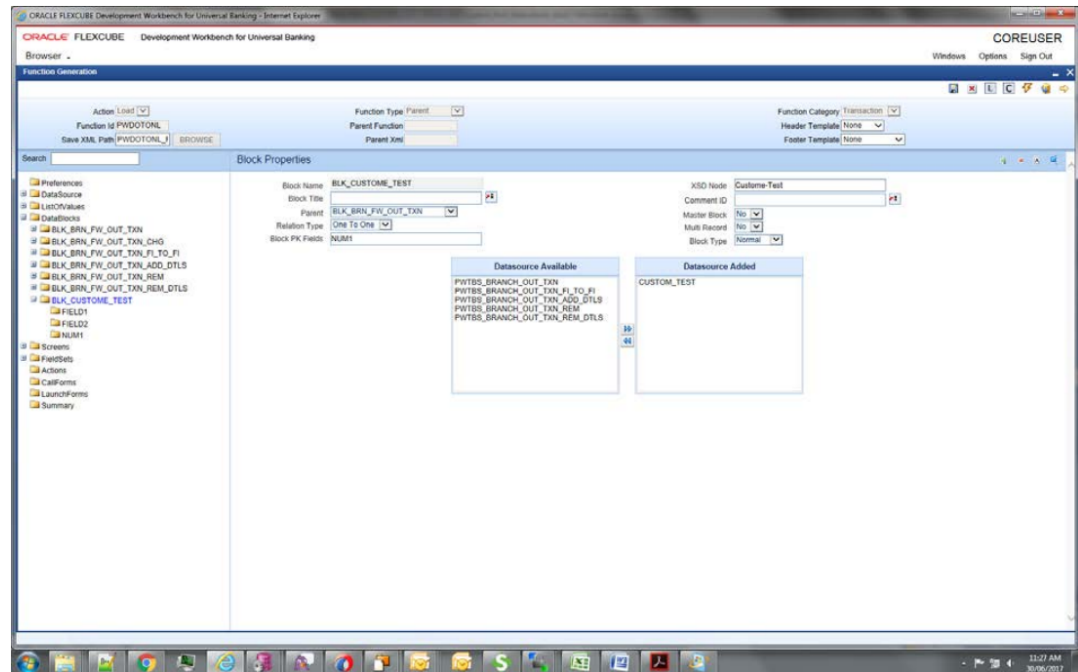
Note

- 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

- 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.

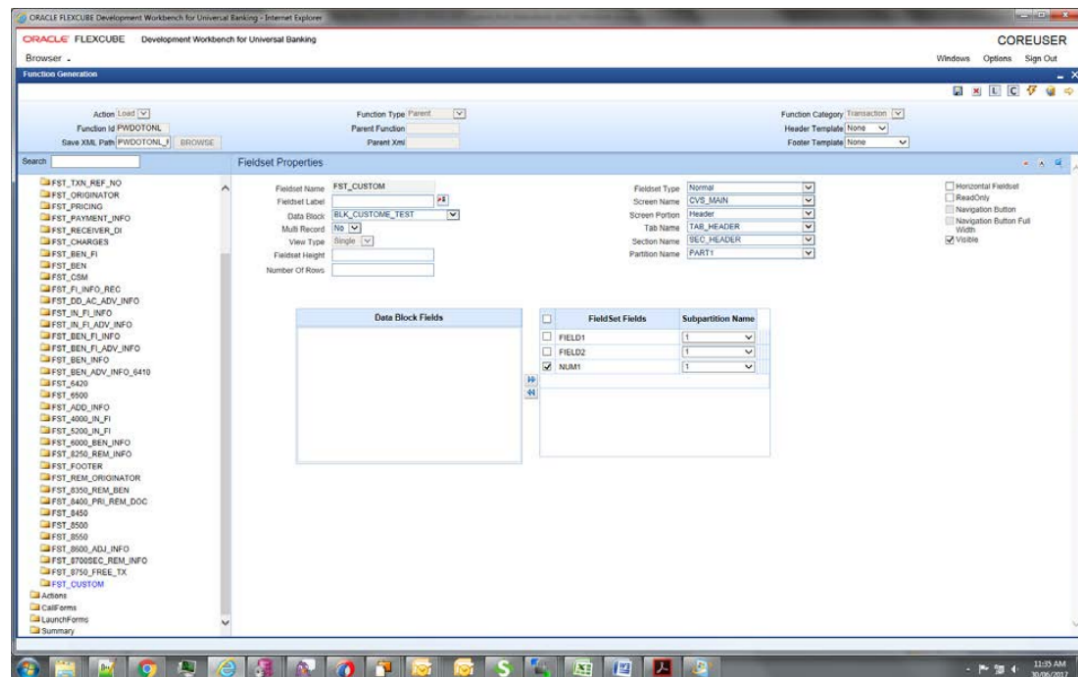
Field1 and Field2 are visible, Num1 is made invisible.

Figure 1-9 Data Block- CUSTOM_TEST



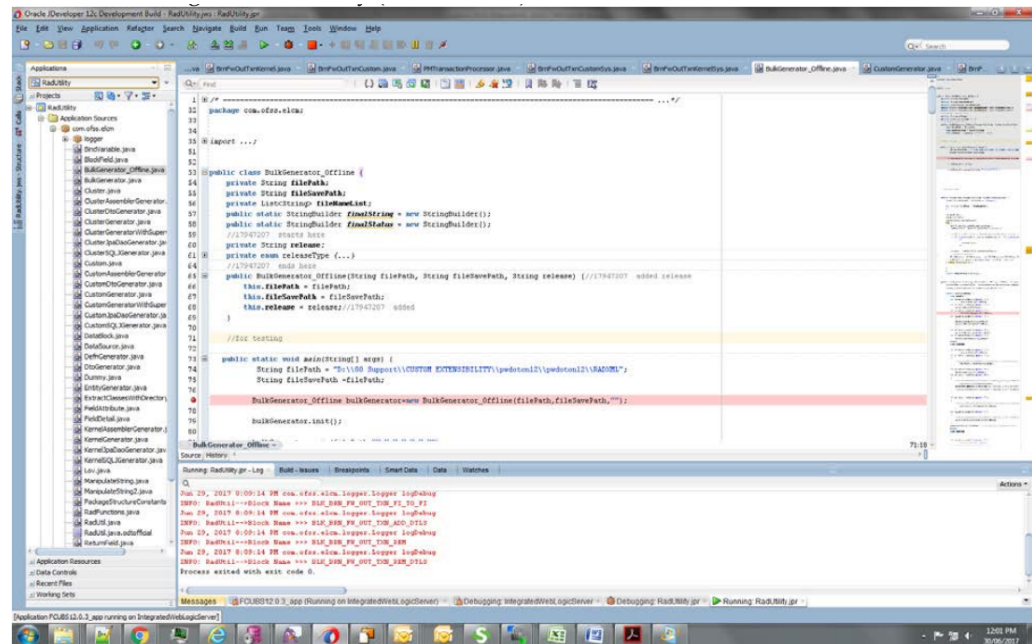
10. Created a new Field set FST_CUSTOM and added all the three fields to it. Added it in the Header section.

Figure 1-10 FST_CUSTOM



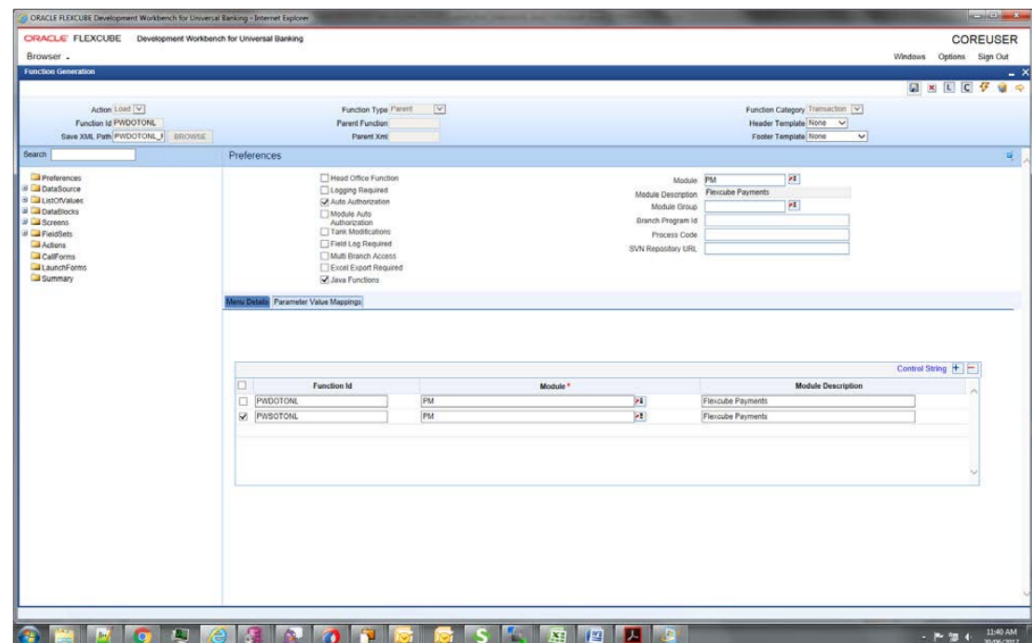
11. Generated files:
 - a. Using the RAD utility (local sources)

Figure 1-11 RAD utility (local sources)



- b. Using RADTOOL:
Check Java functions in preferences

Figure 1-12 Java Functions



While generating, check Java Classes.

ORACLE FLEXCUBE Development Workbench for Universal Banking - JDeveloper Explorer

ORACLE FLEXCUBE Development Workbench for Universal Banking

Browser

Windows Options Sign Out

Function Generation

Generate

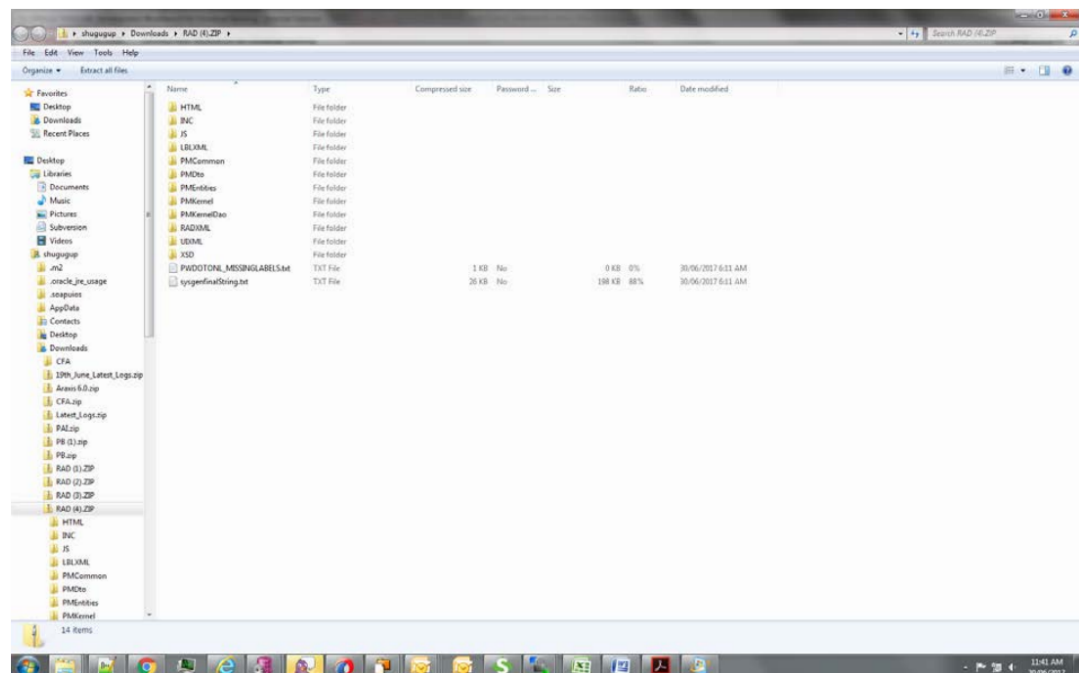
Front End Files	System Packages	Block Packages	Menu Data	Table Data	Others
<input checked="" type="checkbox"/> Main Package Spec	<input type="checkbox"/> Main Package Spec	<input type="checkbox"/> Kernel Package Spec	<input type="checkbox"/> Menu Details	<input type="checkbox"/> Label Details	<input type="checkbox"/> Xcbl
<input checked="" type="checkbox"/> Screen XML	<input type="checkbox"/> Main Package Body	<input type="checkbox"/> Kernel Package Body	<input type="checkbox"/> Data Source Details	<input type="checkbox"/> Block PK Column	<input type="checkbox"/> Screen HTML
<input checked="" type="checkbox"/> System JS	<input type="checkbox"/> Notification Triggers	<input type="checkbox"/> Cluster Package Spec	<input type="checkbox"/> LOV Details	<input type="checkbox"/> Function Call Forms	<input type="checkbox"/> Upload Table Trigger
	<input type="checkbox"/> Upload Package Spec	<input type="checkbox"/> Cluster Package Body	<input type="checkbox"/> Block Details	<input type="checkbox"/> Gateway Details	<input type="checkbox"/> Upload Tables Definition
	<input type="checkbox"/> Upload Package Body	<input type="checkbox"/> Custom Package Spec	<input type="checkbox"/> Screen Details	<input type="checkbox"/> Notification Details	<input type="checkbox"/> Archive Table Definition
	<input checked="" type="checkbox"/> Java Classes	<input type="checkbox"/> Custom Package Body	<input type="checkbox"/> Amendments Details	<input type="checkbox"/> Function Parameters	
			<input type="checkbox"/> Call Item Details	<input type="checkbox"/> Purge Details	
			<input type="checkbox"/> Summary Details	<input type="checkbox"/> ELCM MetaData Class	
			<input type="checkbox"/> XSD Details		

Sl.No	File Name	File Type	Status

Ok Exit

31-03-2017 11:45 AM

Figure 1-14 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 1-15 UIXML and JS

The screenshot displays the Oracle Financials Outgoing Payments screen. The interface includes a top navigation bar with 'Home', 'Interactions', and 'Preferences' tabs. The main content area is divided into several sections:

- Transaction Details:** Fields for Transaction Branch, Host Code, Source Code (MANL), Network Code, Transfer Type (BTR Bank Transfer), 1510 Type, Sub Type, Field 1 (circled in blue), and Field 2 (circled in blue).
- Payment Details:** Fields for Transaction reference no, User Reference, Source Reference Number, Transaction Type Code, and 3600 Business Function Code (BTR).
- Originator Information:** Fields for 5000 Originator, Debit Account, Debit Currency, ID Code, Identifier, Name, Address, and Address 1.
- Receiver Information:** Fields for Receiver ABA Number and Receiver Short Name.
- Charges:** Fields for 3700 Charges, Details of Charges, and Sender's Charges.
- Payment Details (Right Side):** Fields for Booking Date, Instruction Date, Value Date, Transfer Currency (USD), Transfer Amount, 3720 Exchange rate, Debit Value Date, Credit Value Date, Customer No, Customer Service Model, and Remarks.

The bottom of the screen shows a status bar with 'Maker ID', 'Maker Date Stamp', 'Checker ID', 'Checker Date Stamp', 'Authorization Status', and a 'Exit' button.

14. Creating a new record:

SHUBHAM | 000 | 000 | 000 - Oracle | FXC | 1812.4.0.0 - ENG - Transaction Input - Google Chrome

ORACLE®

Multi Factor Not Authenticated Entity: CORE1 Branch: 000 2215-11-18 Window ADMIN PWDOTOLN

Home Interactions Preferences

Fedwire Outgoing Payments

Save

Transaction Branch * 000

Host Code * HOSTSW

Source Code * MANL

Network Code * FASTPAYMENT

Transfer Type BTR Bank Transfer

1510 Type 10

Sub-Type 00

Field 1 SHUBHAM

Field 2 GUPITA

Transaction reference no * 171811112930000

User Reference * 171811112930000

Source Reference Number

Transaction Type Code

3000 Business Function Code BTR

Main Pricing | FI Information | Additional Remittance Information

5000:Originator

Debit Account * FX1EUR0000000000000001

Debit Currency EUR

ID Code

Identifier

Name Graham Smith

Address

Address 1

Payment Details

Booking Date 2017-06-30

Instruction Date * 2017-06-30

Value Date YYYY-MM-DD

Transfer Currency * USD

Transfer Amount * 143

3720 Exchange rate

Launch

Receiver

Receiver ABA Number * 111

Receiver Short Name

3700:Charges

Details of Charges

Senders Charges

Maker ID

Maker Date Stamp

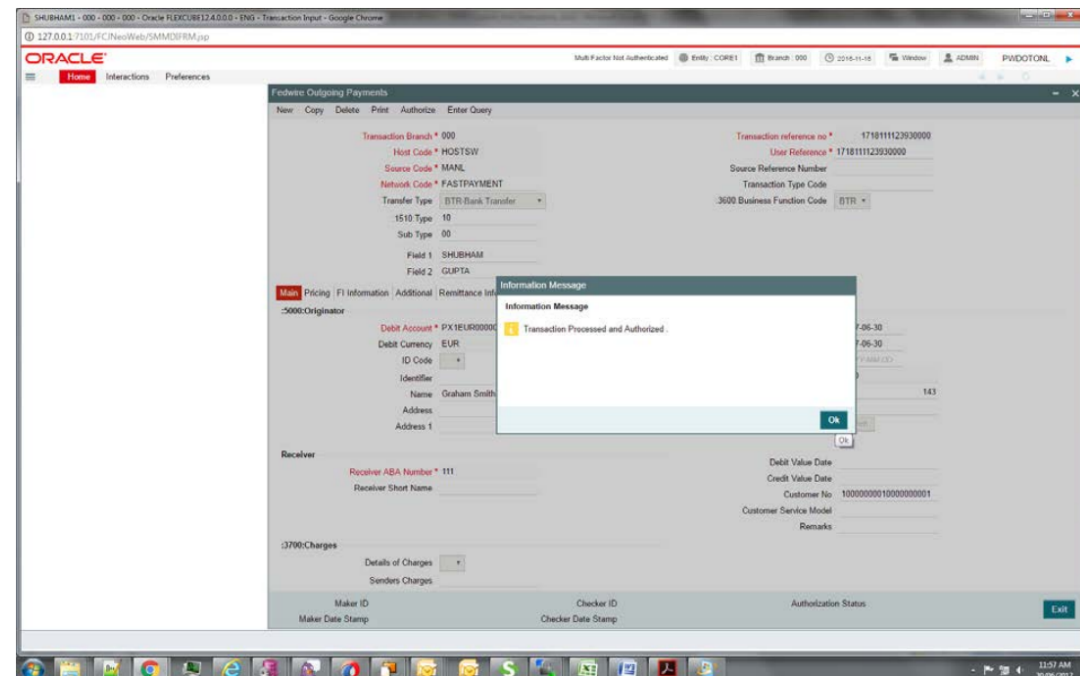
Checker ID

Checker Date Stamp

Authorization Status

Cancel

Figure 1-17 Record saved



October 30, 2025
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Figure 1-18 Querying record

The screenshot displays the Oracle Fintecore Outgoing Payments interface. The main form is titled "Fintecore Outgoing Payments" and includes tabs for "Main", "Pricing", "FI Information", "Additional", and "Remittance Information". The "Main" tab is active, showing fields for Transaction Branch (000), Host Code (HOSTSW), Source Code (MANL), Network Code (FASTPAYMENT), Transfer Type (BTR Bank Transfer), 1510 Type (10), Sub Type (00), Field 1 (SHUBHAM), and Field 2 (GUPTA). The Transaction reference no. is 1718111123930000, and the User Reference is 1718111123930000. The Source Reference Number and Transaction Type Code are also visible. The 3600 Business Function Code is BTR. The Payment Details section shows the Booking Date (2017-06-30), Instruction Date (2017-06-30), Value Date (2017-06-30), Transfer Currency (USD), and Transfer Amount (143). The 3720 Exchange rate is 1.0000. The Receiver section shows the Receiver ABA Number (111) and Receiver Short Name. The 3780 Charges section is also visible. The bottom of the screen shows the Maker ID, Checker ID, and Authorization Status.

17. Backend table Entry

Figure 1-19 Table Entry

The screenshot displays the SQL Developer interface with a table entry for SHUBHAM GUPTA. The table is named "CUSTOMER" and has columns: FIELD1, FIELD2, FIELD3, FIELD4, FIELD5, and NUM1. The data row shows SHUBHAM GUPTA with a value of 1.71811123930000 in the NUM1 column. The SQL statement executed is: `select * from custom_test; select to_char(1.71811123930000) from dual;`

FIELD1	FIELD2	FIELD3	FIELD4	FIELD5	NUM1
SHUBHAM	GUPTA				1.71811123930000