

Cross Schema Scripts Utility  
Oracle FLEXCUBE Investor Servicing  
Release 14.7.0.0.0  
[November] [2022]



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# 1. Cross Schema Scripts Utility

## 1.1 Introduction

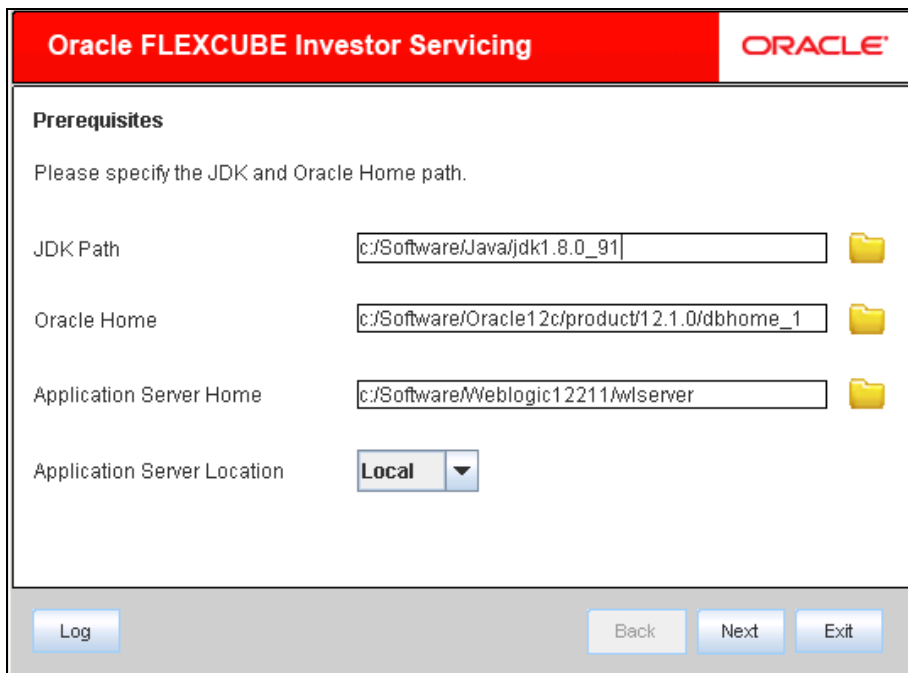
This chapter explains the steps to execute cross schema scripts using Oracle FLEXCUBE Investor Servicing Installer.

Fund Handoff and Dividend Handoff require grant to populate Fund Information and Dividend Information from AMC to Distributor Schema. To enable Internal Handoff feature, below steps to be followed to provide grants from Distributor LOB to AMC LOB Schema.

## 1.2 Setting up Cross Schema Entries

In order to execute cross schema scripts, follow the steps given below.

Start Oracle FLEXCUBE Investor Servicing Installer.



The screenshot shows the 'Oracle FLEXCUBE Investor Servicing' installer window. The title bar is red with the Oracle logo. The main window has a white background. Under the 'Prerequisites' section, it says 'Please specify the JDK and Oracle Home path.' There are four fields: 'JDK Path' with the value 'c:/Software/Java/jdk1.8.0\_91', 'Oracle Home' with 'c:/Software/Oracle12c/product/12.1.0/dbhome\_1', 'Application Server Home' with 'c:/Software/Weblogic12211/wlserver', and 'Application Server Location' with a dropdown menu set to 'Local'. Each path field has a folder icon to its right. At the bottom, there are four buttons: 'Log', 'Back', 'Next', and 'Exit'.

Specify the following details:

### **JDK Path**

Specify the location of the JDK. You can use the directory button to browse to the JDK location.

### **Oracle Home**

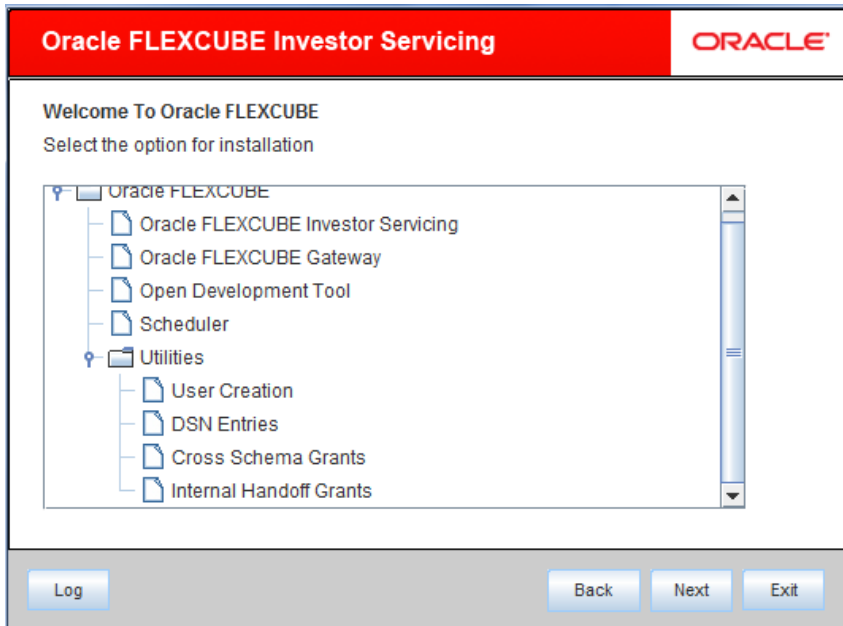
Specify the location of the Oracle Home installation. You can use the directory button to browse to the location.

### **Application Server Home**

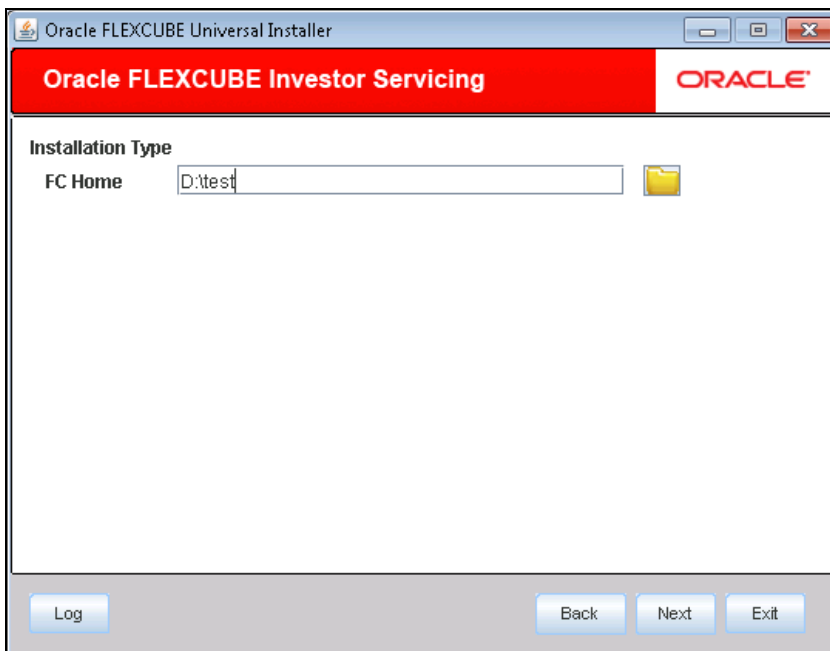
Specify the location of the application server.

**Note:** In case any of the selected directories is incorrect, the Installer will display an appropriate error message. In that case, you need to correct the directory path and proceed.

Click 'Next'. The following screen is displayed.

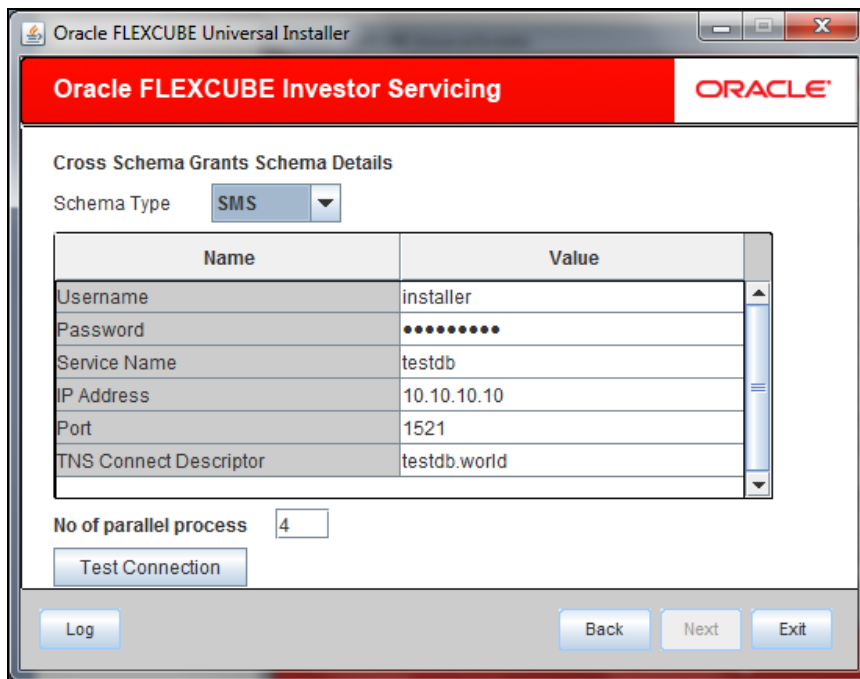


Select 'Cross Schema Grants' and click 'Next'. The following screen is displayed.



Enter the FCHOME folder path. Click Next.

The following screen is displayed.



Oracle FLEXCUBE Universal Installer

**Oracle FLEXCUBE Investor Servicing** ORACLE

Cross Schema Grants Schema Details

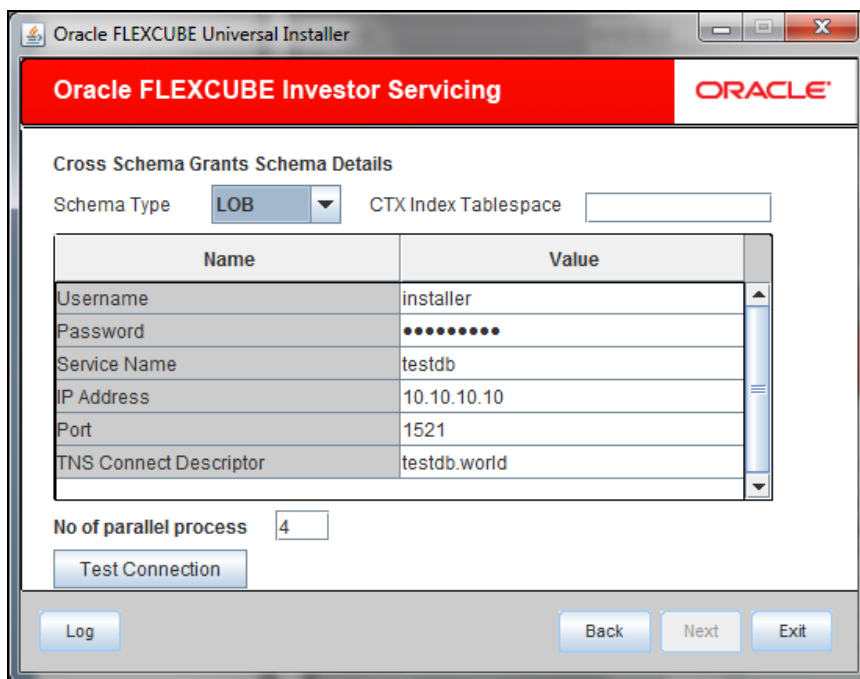
Schema Type: **SMS**

Name	Value
Username	installer
Password	••••••••
Service Name	testdb
IP Address	10.10.10.10
Port	1521
TNS Connect Descriptor	testdb.world

No of parallel process:

Test Connection

Log Back Next Exit



Oracle FLEXCUBE Universal Installer

**Oracle FLEXCUBE Investor Servicing** ORACLE

Cross Schema Grants Schema Details

Schema Type: **LOB** CTX Index Tablespace:

Name	Value
Username	installer
Password	••••••••
Service Name	testdb
IP Address	10.10.10.10
Port	1521
TNS Connect Descriptor	testdb.world

No of parallel process:

Test Connection

Log Back Next Exit

Specify the following schema details. This is the Schema on which scripts of other schema are to be executed.

### Schema Type

Specify schema type from the drop down. If LOB or PENSION type is selected then CTX Index Tablespace must be entered

**CTX Index Tablespace**

Specify the name of CTX index tablespace.

**User Name**

Specify the user name to access the schema.

**Password**

Enter the schema password.

**Service Name**

Provide service name of Database.

**TNS Connect Descriptor**

Specify a valid connect string that contains the details for database connectivity.

**IP Address**

Specify the IP address of the system where the database schema is installed.

**Port**

Specify the port number.

**Number of Parallel Process:**

Specify number of parallel process for recompilation.

Once you have entered the details, you can test the database schema connection using 'Test Connection' button.

**Note:**

- If the connection is established, the installer displays a message 'Connection Successful'.
- If there is an error in establishing the connection, the system displays the message 'Invalid DB Credentials'.
- If the TNS entry is not proper, the installer displays the message 'TNS entries are not proper'.

After testing the connection successfully, click 'Next'. The following screen is displayed.

The screenshot shows the 'Oracle FLEXCUBE Universal Installer' window. The title bar includes the Oracle logo and the text 'Oracle FLEXCUBE Universal Installer'. The main window has a red header bar with 'Oracle FLEXCUBE Investor Servicing' and the Oracle logo. Below the header, the section is titled 'Destination Schema Details' with the instruction 'Provide the Schema Names of the Destinations'. The form contains three input fields: 'Schema Type' with a dropdown menu showing 'REPORTS' and a '+' button; 'Schema Name' with a text box and a '-' button; and 'Destination Temp Directory' with a text box showing 'D:\DESTTEMPDIR' and a folder icon. Below these fields is a table with three columns: 'S.No', 'Schema Type', and 'Schema Name'. The table is currently empty. At the bottom of the window are four buttons: 'Log', 'Back', 'Next', and 'Exit'.

Specify the following details:

**Schema Type**

The target Schema pointing to which scripts are to be executed in the current schema.

**Schema Name**

Name of the Destination schema

**Destination Temp Directory**

Destination directory. Any valid name can be given.

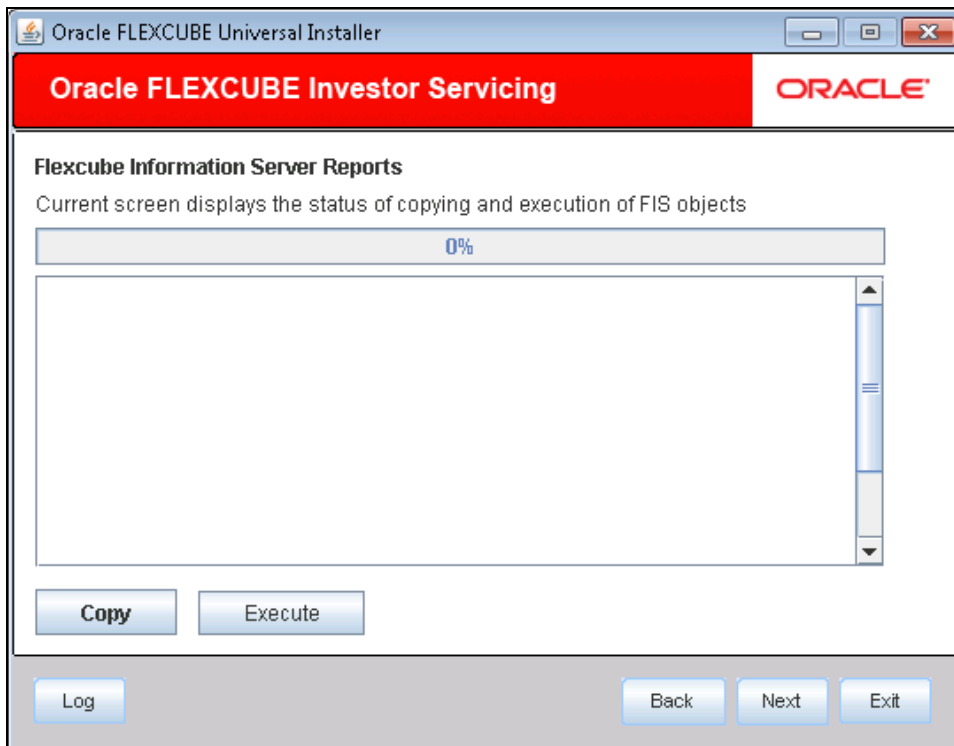
Once the details are updated, click on + button. This will insert the details in the multi entry table.

Continue to change the Schema Type to include all other target schema as applicable. Add the details and click on +.

Above process need to be done for all the below combinations.

From	Destination Schema			
	LOB	SMS	SP	
REPORTS	LOB	SMS	SP	
SMS	LOB	SP	REPORTS	PENSION
SP	LOB	SMS	REPORTS	PENSION
LOB	SMS	SP	REPORTS	
PENSION	SMS	SP		

Once done, click next .The following screen is displayed.



Click Copy to copy the cross schema scripts to the Destination folder.

Click Execute to execute the cross schema scripts in the current folder.



Once done, click next .The following screen is displayed:

The screenshot shows the 'Database Installation' screen of the Oracle FLEXCUBE Investor Servicing installer. It displays the number of invalid objects in the database. A progress bar at the top indicates 0% completion. Below this is a table with three columns: 'Object Type', 'Invalid Count', and 'Total Count'. The table lists six object types: FUNCTION, PROCEDURE, VIEW, TRIGGER, PACKAGE, and PACKAGE BODY, all with an invalid count of 0. At the bottom of the table, there are two buttons: 'Invalids List' and 'Recompile'. Below the table area, there are three buttons: 'Log', 'Back', and 'Next', and an 'Exit' button.

Object Type	Invalid Count	Total Count
FUNCTION	0	82
PROCEDURE	0	655
VIEW	0	341
TRIGGER	0	3
PACKAGE	0	1723
PACKAGE BODY	0	1728

Click 'Invalid List' button to view 'InvalidList.txt' created in the destination directory under the folder 'DBScripts'.

You can use the 'Recompile' button to do a cyclic recompilation. This will reduce the invalid objects count. The Installer allows you to use 'Recompile' button multiple times, in order to reduce the invalid objects count.



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