

Oracle® FLEXCUBE Investor Servicing Cross Schema Scripts Utility



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Preface

Oracle FLEXCUBE Investor Servicing is a comprehensive mutual funds automation software from Oracle® Financial Servicing Software Ltd.©.

You can use the system to achieve optimum automation of all your mutual fund investor servicing processes, as it provides guidelines for specific tasks, descriptions of various features and processes, and general information.

This topic contains the following sub-topics:

- [Purpose](#)
- [Audience](#)
- [Documentation Accessibility](#)
- [Critical Patches](#)
- [Diversity and Inclusion](#)
- [Conventions](#)
- [Screenshot Disclaimer](#)
- [Acronyms and Abbreviations](#)

Purpose

This manual is designed to help acquaint you with the installation of **Oracle FLEXCUBE Investor Servicing** application.

Audience

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

Table 1 Users and Roles

Users	Roles
Implementation team	Implementation of Oracle FLEXCUBE Investor Servicing
Presales team	Install Oracle FLEXCUBE Investor Servicing for demo purpose
Bank personnel	Who installs Oracle FLEXCUBE Investor Servicing

Documentation Accessibility

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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 ensure 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 or the glossary.
<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.

Screenshot Disclaimer

Personal information used in the interface or documents is dummy and does not exist in the real world. It is only for reference purposes.

Acronyms and Abbreviations

The list of the acronyms and abbreviations used are as follows:

Table 2 Acronyms and Abbreviations

Abbreviation	Description
FCIS	Oracle FLEXCUBE Investor Servicing
OEM	Oracle Enterprise Manager

Table 2 (Cont.) Acronyms and Abbreviations

Abbreviation	Description
EMS	Electronic Messaging Service
EJB	Enterprise Java Bean
MDB	Message Driven Beans

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Cross Schema Scripts Utility

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

This topic contains the following sub-topic:

- [Set up Cross Schema Grants](#)
This topic provides the information about setting up Cross Schema Grants Utility.

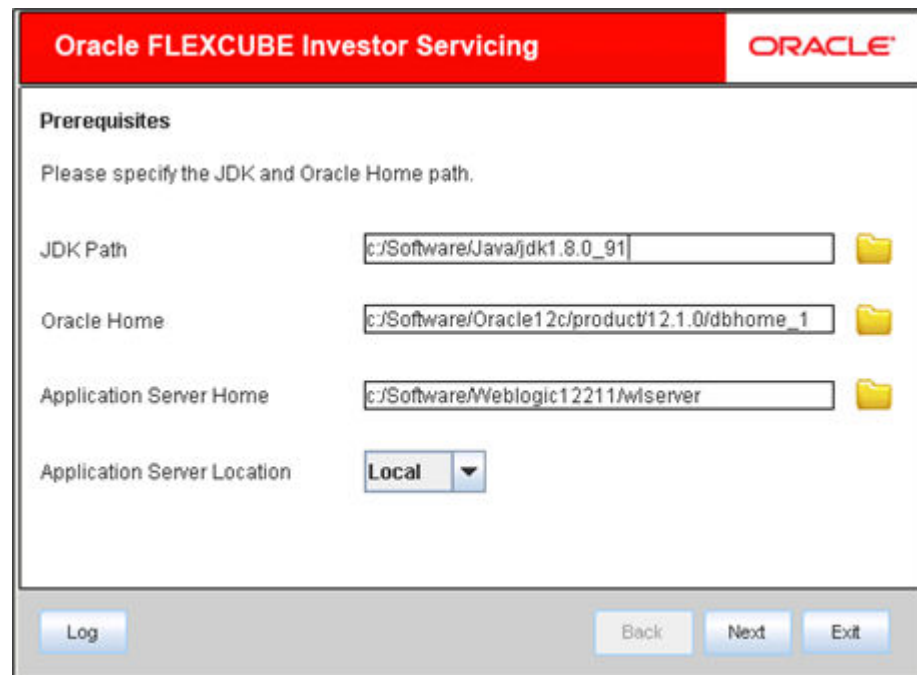
1.1 Set up Cross Schema Grants

This topic provides the information about setting up Cross Schema Grants Utility.

1. Double-click **FCUBSInstaller.bat** batch file to start **Oracle FLEXCUBE Universal Installer**.

The **Oracle FLEXCUBE Universal Installer** screen is displayed.

Figure 1-1 Oracle FLEXCUBE Universal Installer



The screenshot shows the 'Oracle FLEXCUBE Investor Servicing' window with the Oracle logo. The 'Prerequisites' section is active, displaying the instruction: 'Please specify the JDK and Oracle Home path.' Below this, there are four fields with folder icons to the right: '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'. At the bottom, there are four buttons: 'Log', 'Back', 'Next', and 'Exit'.

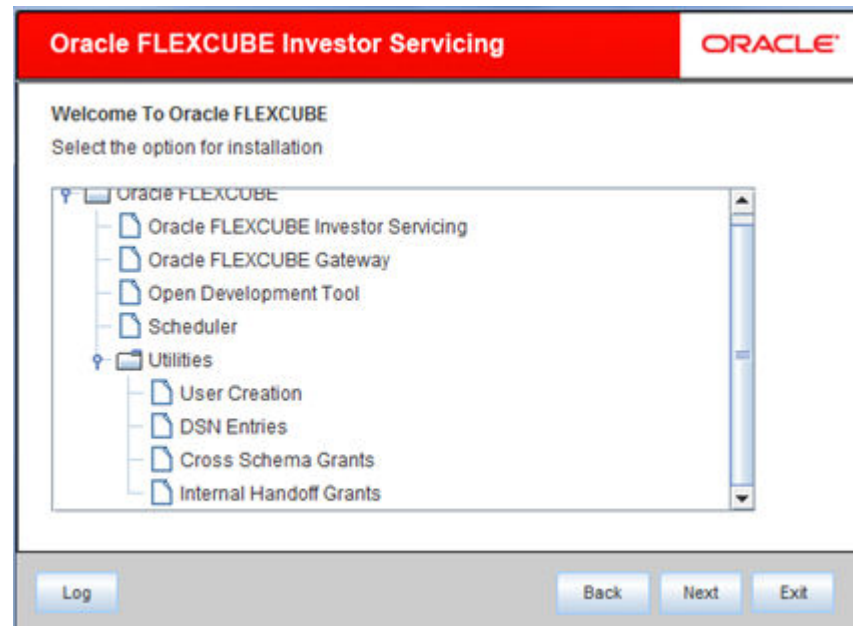
2. On **Oracle FLEXCUBE Universal Installer** screen, enter the following details.
Refer to the table for JDK and Oracle Home path.

Table 1-1 JDK and Oracle Home path

Field	Description
JDK Path	Provide Home folder path of JDK1.8.
Oracle Home	Provide home folder path of Oracle Client or Database.
Application Server Home	Provide home folder path of 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.
Application Server Location	Select location of the application server either as local or remote.

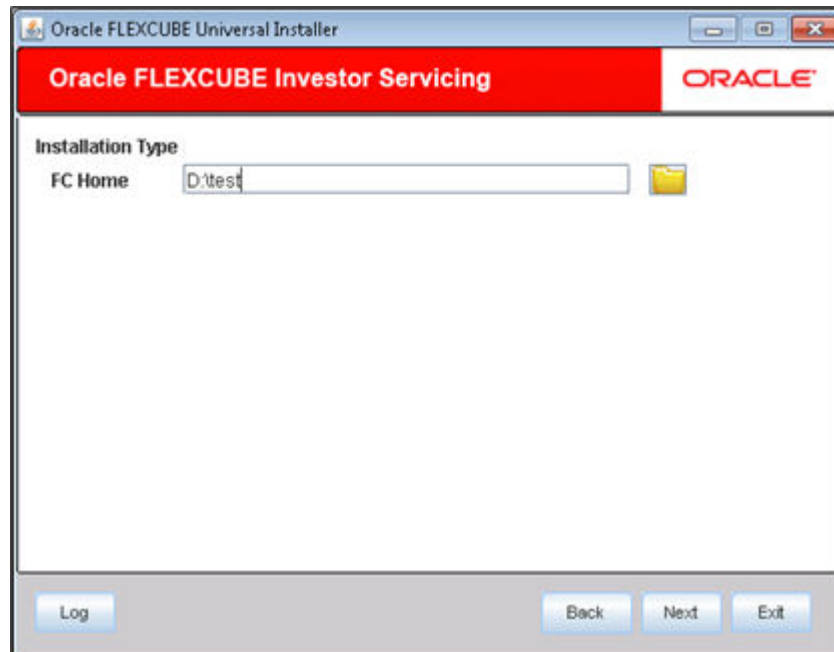
3. Click **Next** to select the utility option for installation.
4. Select **Cross Schema Grants** from the lists of **Utilities** option.
The options available for installation are displayed.

Figure 1-2 Utilities_Cross Schema Grants



5. Click **Next** to specify FC Home folder path.
The following screen is displayed.

Figure 1-3 Installation Type_FC Home



6. Specify the following schema details.

This is the schema on which scripts of other schema are to be executed. Refer to the table for schema details.

Table 1-2 Cross Schema Grants schema details

Field	Description
Schema Type	Specify schema type from the drop-down list. 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.

Figure 1-4 Cross Schema Scripts Schema Details_Schema Type_SMS

Oracle FLEXCUBE Universal Installer

Oracle FLEXCUBE Investor Servicing

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

7. Enter the **CTX Index Tablespace** details after selecting the **Schema Type** as **LOB/PENSION**.

Figure 1-5 Cross Schema Scripts Schema Details_Schema Type_LOB

Oracle FLEXCUBE Universal Installer

Oracle FLEXCUBE Investor Servicing

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

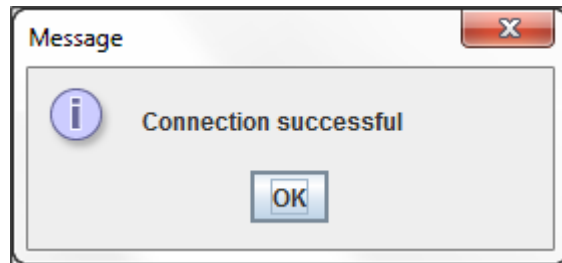
Log Back Next Exit

8. Click the **Test Connection** button to check the status of the connection to database.
 - 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**.

Once the connection is established, the following message is displayed.

Figure 1-6 Information Message on Successful Connection



9. Click **Next** after testing the connection successfully.
The following screen is displayed.

Figure 1-7 Destination Schema Details

10. Specify the Destination Schema details:
 - a. **Schema Type:** Specify the target Schema pointing to which scripts are to be executed in the current schema.
 - b. **Schema Name:** Specify the name of the Destination schema.
 - c. **Destination Temp Directory:** Specify the destination directory. It can have any value.

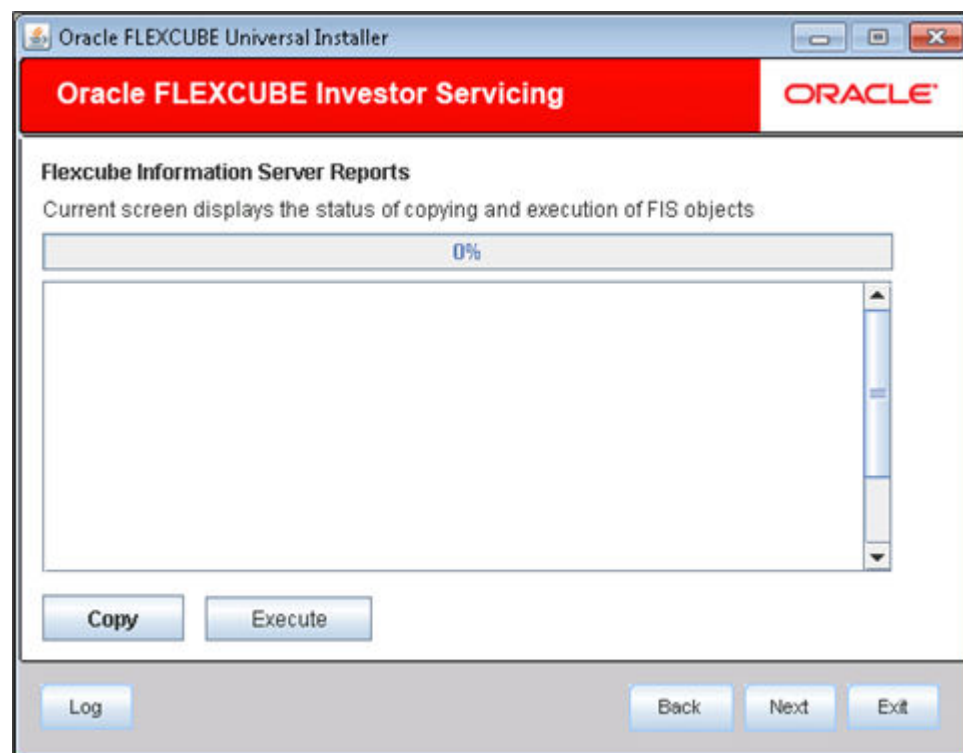
In case any of the selected directories is incorrect, the Installer will display an appropriate error message. In that case, you need to correct the directory path and proceed.

11. Click **Add** icon once the details are updated.
This will insert the details in the multi entry table.
12. Continue to change the **Schema Type** to include all other target schema as applicable.
Add the details and click **Add** icon.
The above process need to be done for all the below combinations.

Table 1-3 From and Destination Schema

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

13. Click **Next** to view the status of the execution.
The following screen is displayed.

Figure 1-8 Execution Status of Cross Schema Scripts

14. Click **Copy** to copy the cross schema scripts to the Destination folder.
15. Click **Execute** to execute the cross schema scripts in the current folder.
16. Click **Next** to view the number of invalids in the DB.
The following screen is displayed.

Figure 1-9 Number of invalids in the DB

The screenshot shows the 'Database Installation' screen of the Oracle FLEXCUBE Investor Servicing installer. It displays the current percentage of invalids in the database as 0%. Below this, a table lists the object types and their respective invalid and total counts.

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

At the bottom of the table, there are two buttons: 'Invalids List' and 'Recompile'. Below the table area, there are three buttons: 'Log', 'Back', 'Next', and 'Exit'.

17. Click the **Invalid List** button to view `InvalidList.txt` created in the destination directory under the folder **DBScripts**.
18. 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.