

Approot Object Conversion Utility
Oracle Banking Enterprise Limits and
Collateral Management

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1. Application Root Object Conversion

1.1 Introduction

This document explains the process involved in object conversion in Apropoot.

1.2 Pre-requisites

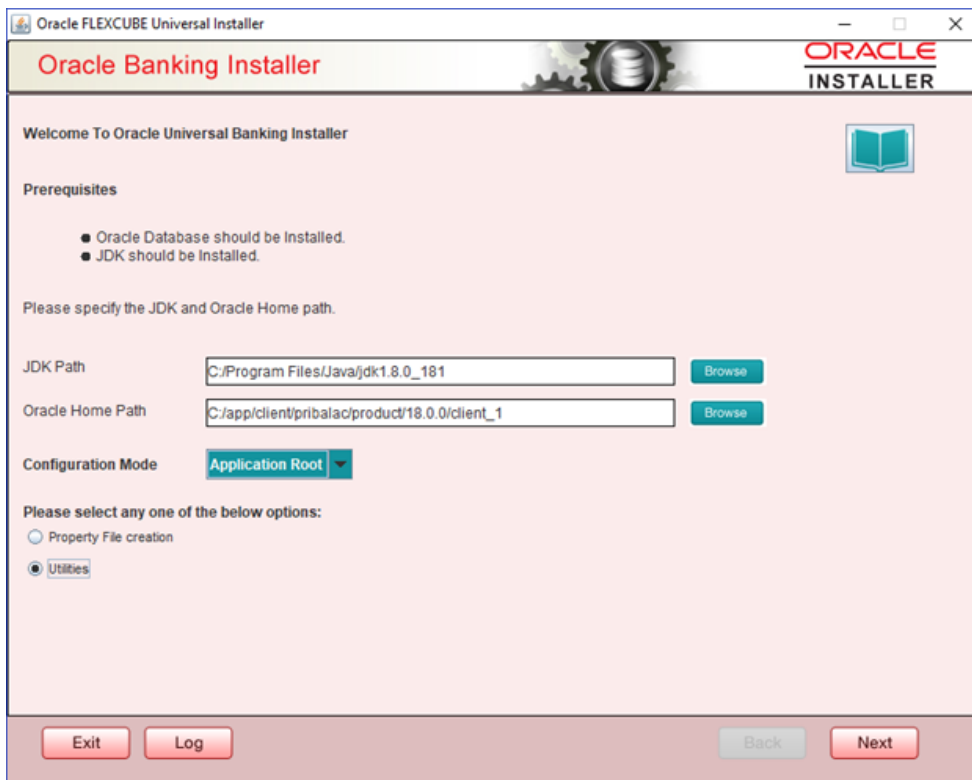
The below steps has to be completed in a sequential order before using this utility.

1. CDB is created with 18c database and 'Application Template PDB' is created under this CDB and the FCUBS objects are loaded.
2. Application root creation followed by application seed creation.
3. Application installation version 1.0 has to be done in apropoot with user being made explicit.

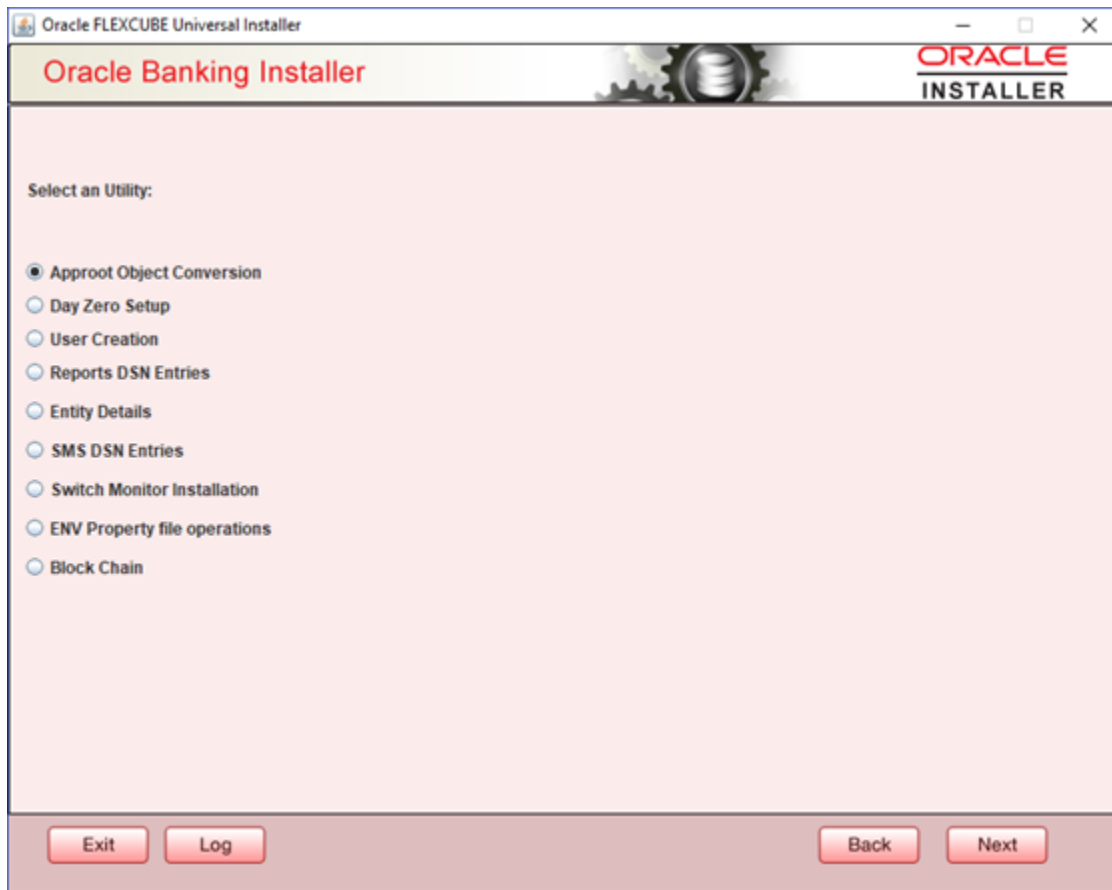
1.3 Application root - PDB model configuration

To build the application for setup using the installer, follow the steps given below.

1. Double-click 'FCUBSInstaller.bat' batch file to launch Oracle FLEXCUBE Universal Installer. The following screen is displayed. Select Utilities option, configuration mode as "Application Root" and click 'Next' button.



2. Select 'Approot object Conversion" in Utility Screen and click Next as shown below



3. In the Approot object conversion screen, enter application name and Approot Schema details.

Options of conversion include:

- **Shared Application**
- **Shared Application and User Authentication**
- **Shared Application and Shared Data – Default**
- **Shared Application and Shared Data – Custom**

Shared Application

1. When 'Shared Application' is selected, there will not be any common data and only application is shared.
2. After selecting the radio button, user will have to input the Application name and the Application root schema details where the conversion has to be applied and click on 'Test Connection'.
3. When Application name is not inputted, error will be displayed to input the same. User has to make sure that application name is the one mentioned in pre-requisites with installation done for version 1.0.
4. Once the Connection is successful, 'Finish' button will be enabled and the object conversion will be completed at this step.
5. Execution will take few minutes and post completion, a dialog box displays 'Compilation Success' message in the front end.

Oracle FLEXCUBE Universal Installer

Oracle Banking Installer

Object conversion for Application root

Enter Application Name

Provide Application root Schema details

Name	Value
Username	installer
Password	*****
Service Name	testdb
IP Address	10.10.10.10
Port	1521
TNS Connect Descriptor	testdb

Select Option for conversion

☒ Shared Application

☐ Shared Application and User Authentication

☐ Shared Application and Shared Data - Default

☐ Shared Application and Shared Data - Custom

Shared Application and User Authentication

1. When 'Shared Application and User authentication' is selected, only user authentication related data will be shared along with a shared application,
2. After selecting the radio button, user will have to input the Application name and Application root schema details where the conversion has to be applied and click on 'Test Connection'.
3. When Application name is not inputted, error will be displayed to input the same. User has to make sure that application name is the one mentioned in pre-requisites with installation done for version 1.0.
4. Once the Connection is successful, 'Finish' button will be enabled and the object conversion will be completed at this step.
5. Execution will take few minutes and post completion, a dialog box displays 'Compilation Success' message in the front end.

Oracle FLEXCUBE Universal Installer

Oracle Banking Installer

Object conversion for Application root

Enter Application Name

Provide Application root Schema details

Name	Value
Username	installer
Password	*****
Service Name	testdb
IP Address	10.10.10.10
Port	1521
TNS Connect Descriptor	testdb

Select Option for conversion

☐ Shared Application

☒ Shared Application and User Authentication

☐ Shared Application and Shared Data - Default

☐ Shared Application and Shared Data - Custom

Shared Application & Shared Data - Default

1. When Shared Application & Shared Data - Default is selected, all the function groups listed will be installed in the application root.
2. After selecting the Radio button, user will have to input the Application name and Application root schema details where the conversion has to be applied and click on 'Test Connection'.
3. When Application name is not inputted, error will be displayed to input the same. User has to make sure that application name is the one mentioned in pre-requisites with installation done for version 1.0.
4. Once the Connection is successful, 'Finish' button will be enabled and the object conversion will be completed at this step.
5. Execution will take few minutes and post completion, a dialog box displays 'Compilation Success' message in the front end.

Oracle FLEXCUBE Universal Installer

Oracle Banking Installer

Object conversion for Application root

Enter Application Name

Provide Application root Schema details

Name	Value
Username	installer
Password	*****
Service Name	testdb
IP Address	10.10.10.10
Port	1521
TNS Connect Descriptor	testdb

Select Option for conversion

☐ Shared Application

☐ Shared Application and User Authentication

☒ **Shared Application and Shared Data - Default**

☐ Shared Application and Shared Data - Custom

Shared Application & Shared Data - Custom

1. When Shared Application & Shared Data – Custom is selected, all the function groups listed will be installed in the application root.
2. After selecting the Radio button, user will have to input the Application name and Application root schema details where the conversion has to be applied and click on 'Test Connection'.
3. When Application name is not inputted, error will be displayed to input the same. User has to make sure that application name is the one mentioned in pre-requisites with installation done for version 1.0.
4. Once the Connection is successful, 'Next' button will be enabled to take through the steps of movement of function ids to pdbs.
5. After selecting the Radio button, user will have to input the Application name and Application root schema details where the conversion has to be applied and click on 'Test Connection'.
6. Once the Connection is successful, 'Finish' button will be enabled to continue with the next steps of object conversion.

The screenshot shows the 'Oracle FLEXCUBE Universal Installer' window with the title 'Oracle Banking Installer'. The main content area is titled 'Object conversion for Application root'. It includes a text input field for 'Enter Application Name'. Below this is a section 'Provide Application root Schema details' containing a table with the following data:

Name	Value
Username	installer
Password	*****
Service Name	testdb
IP Address	10.10.10.10
Port	1521
TNS Connect Descriptor	testdb

To the right of the table is a 'Test Connection' button. Below the table is a section 'Select Option for conversion' with four radio button options:

- ☐ Shared Application
- ☐ Shared Application and User Authentication
- ☐ Shared Application and Shared Data - Default
- ☒ Shared Application and Shared Data - Custom

At the bottom of the window are four buttons: 'Exit', 'Log', 'Back', and 'Finish'.

7. In the Next Screen, user can opt-out the entities which are not required to be the candidates of approot and those function ids will be moved to PDB.
8. There will be two multiblocks available.
 - a. First multiblock will list the details of function groups which are the Approot candidates.
 - b. Second multiblock will list the function ids corresponding to each of the function group in the first block.
9. Second multiblock will have the check box 'Move to PDB' against each function ID.

Oracle FLEXCUBE Universal Installer

Oracle Banking Installer

Movement of Application root function ids to PDB

Function Group Description
<input type="checkbox"/> Accounting and MIS
<input checked="" type="checkbox"/> Bank Parameters
<input type="checkbox"/> Customers
<input type="checkbox"/> EMS
<input type="checkbox"/> Common Entity

[View Details](#)

Function Group	Function Id	Function Description	Move to PDB
Bank Parameters	SMDBANKP	Security Management	<input type="checkbox"/>
Bank Parameters	SMDPIFRT	Forget Customer PII Maintenance	<input type="checkbox"/>
Bank Parameters	STDCNMNT	Country Codes	<input checked="" type="checkbox"/>
Bank Parameters	STDCRTRN	External Transaction Code	<input type="checkbox"/>
Bank Parameters	STDECAMT	External Credit Approval System	<input type="checkbox"/>
Bank Parameters	STDHSTCD	Host Code	<input type="checkbox"/>

[Exit](#) [Log](#) [Back](#) [Next](#)

10. User can select more than one function group and the respective function ids will also be appened to the second multiblock against the function group on click of 'View Details' button.
11. Once the selection is completed, 'Next button' has to clicked to move to the next screen where the complete list of function ids.

12. The dependent function ids of the selected functions opted to move to PDB will be listed in the below section.

The screenshot shows the 'Oracle FLEXCUBE Universal Installer' window. The title bar includes the Oracle logo and the word 'INSTALLER'. The main window has a header 'Oracle Banking Installer' and a sub-header 'Function Ids applicable for movement to PDB'. Below this is a table with two columns: 'Function Id' and 'Function Description'. The table contains one row: 'STDCNMNT' with the description 'Country Codes'. Below this table is a section titled 'Dependent Function Ids' which contains another table with two columns: 'Function Id' and 'Function Description'. This table lists several function IDs and their descriptions: ISDNTMEX (Clearing Networks), MIDGRPMT (MIS Groups), ISDEBANP (BICPlusIBAN), ISDBICPU (Bank Identifier Code Upload), MIDXCODE (Cost Codes), CYDCDEFE (Currencies), STDCNMNT (Country Codes), and STDHSTCD (Host Code). At the bottom of the window are four buttons: 'Exit', 'Log', 'Back', and 'Finish'.

Function Id	Function Description
STDCNMNT	Country Codes

Function Id	Function Description
ISDNTMEX	Clearing Networks
MIDGRPMT	MIS Groups
ISDEBANP	BICPlusIBAN
ISDBICPU	Bank Identifier Code Upload
MIDXCODE	Cost Codes
CYDCDEFE	Currencies
STDCNMNT	Country Codes
STDHSTCD	Host Code

13. Object conversion can be completed by clicking on the Finish button.
14. Execution will take few minutes and post completion, a dialog box displays 'Compilation Success' message in the front end.



Application Object Conversion Utility
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