

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 Aproot.

1.2 Pre-requisites

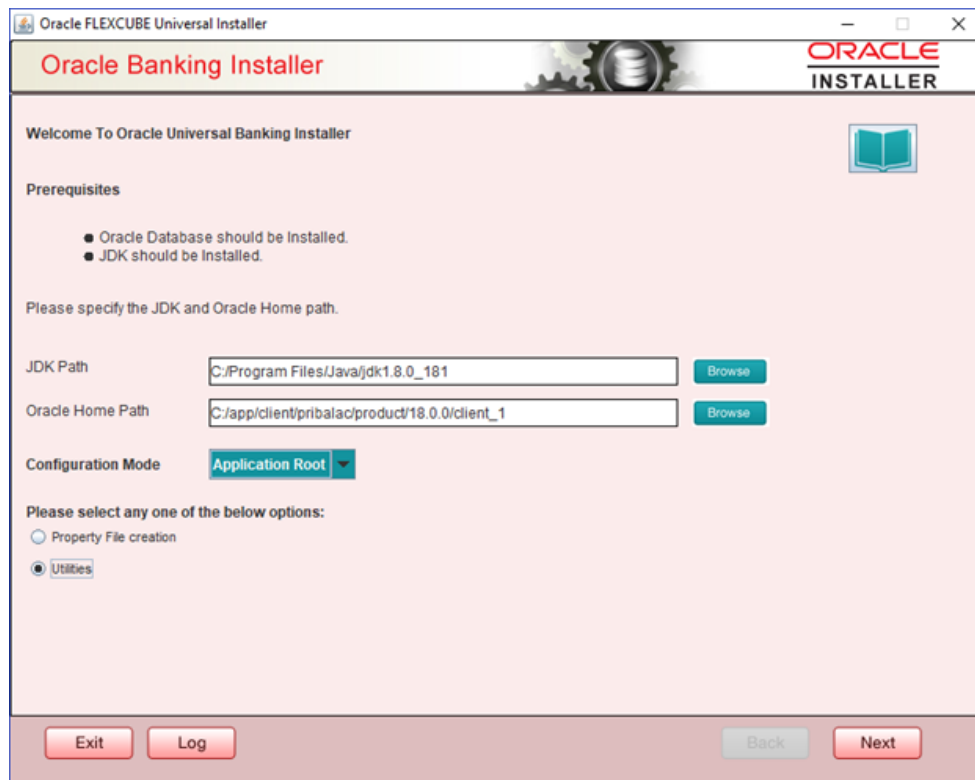
The below steps has to be completed in a sequential order before using this utility.

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 aproot with user being made explicit.

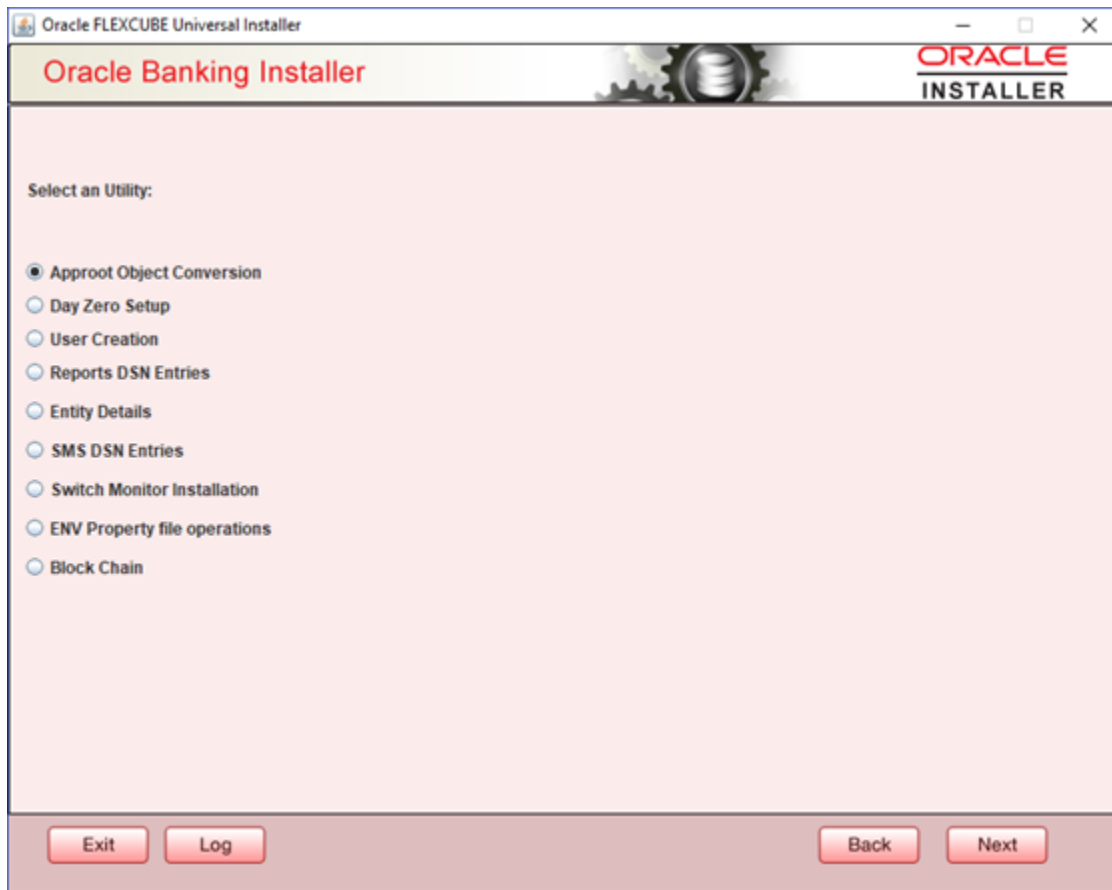
1.3 Application root - PDB model configuration

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 **ORACLE 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.

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

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

ORACLE 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 Banking Installer' window. The title bar reads 'Oracle FLEXCUBE Universal Installer'. The main header area contains 'Oracle Banking Installer' on the left and the 'ORACLE INSTALLER' logo on the right. Below the header, the text 'Function Ids applicable for movement to PDB' is displayed above a table. This table has two columns: 'Function Id' and 'Function Description'. It contains one entry: 'STDCNMNT' with the description 'Country Codes'. Below this table, the text 'Dependent Function Ids' is displayed above another table. This second table also has two columns: 'Function Id' and 'Function Description'. It lists several dependent functions: '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, there 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.



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