FLEXCUBE General Ledger EAR Building
Oracle FLEXCUBE Universal Banking
Release 12.2.0.0.0
[May] [2016]

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1. FLEXCUBE General Ledger Application Building

1.1 Introduction

This chapter explains the steps to build EAR files for ORACLE FLEXCUBE General Ledger Application.
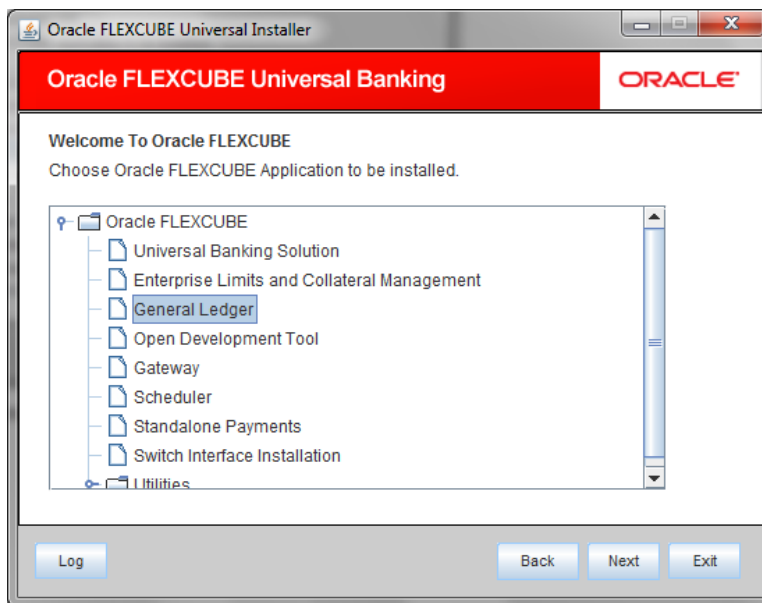
1.2 Building EAR Files

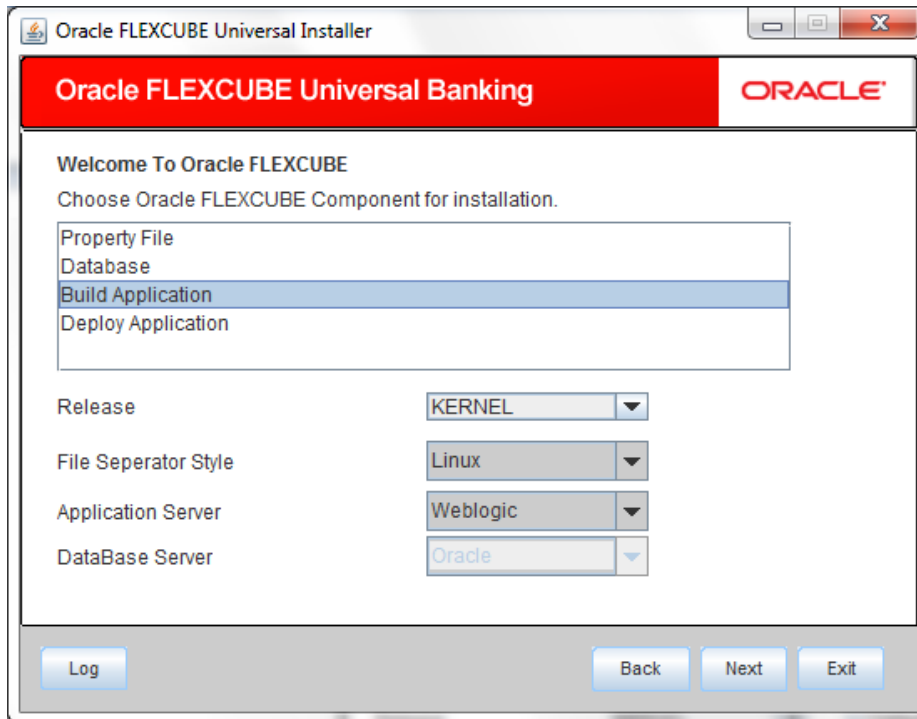The process of building EAR files includes the following steps:

- Load property file
- Copy sources
- Compile sources
- Build sources

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

1. Click 'Next' . The following screen is displayed.

2. Select 'General Ledger' and click 'Next'. The following screen is displayed.

3. Select 'Build Application'.

4. Specify the following details:

Release

Specify the release from the adjoining drop down list.

File Seperator Style

Specify the operating system in which you are building the application. Select the appropriate one from the adjoining drop-down list.

Application Server

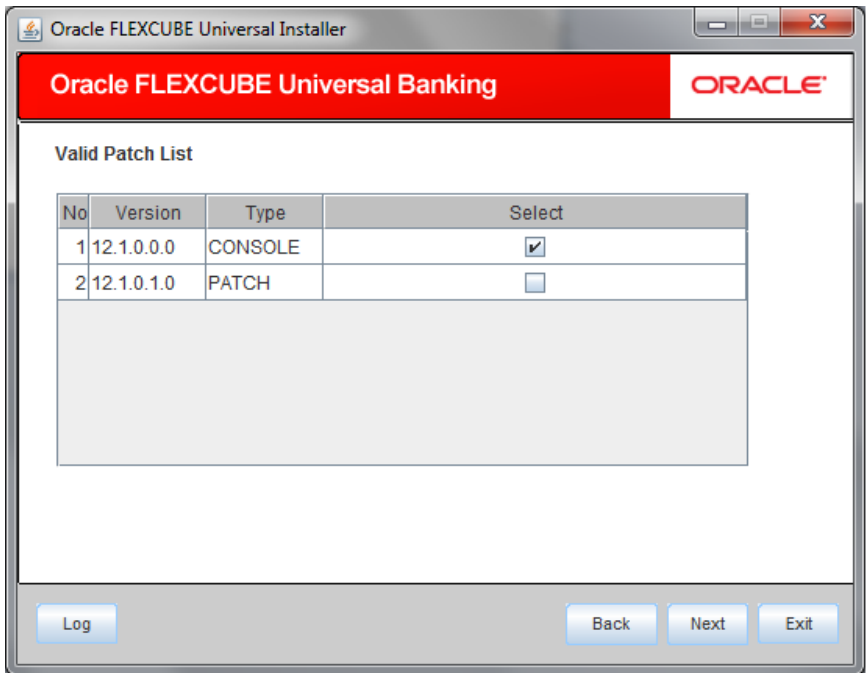Specify the application server in which you are building the Application. Select the appropriate one from the adjoining drop-down list.
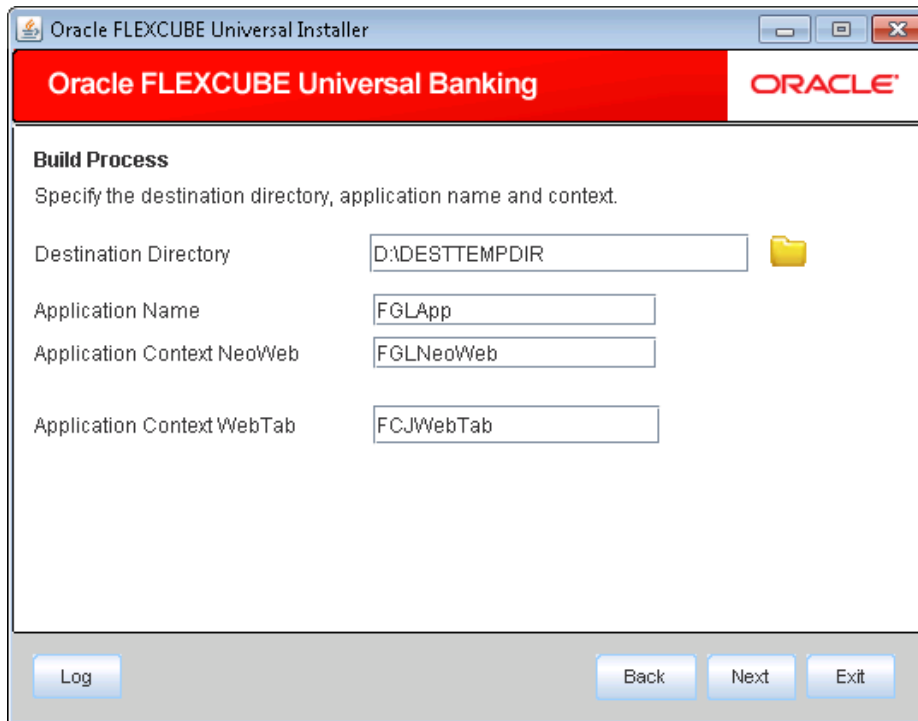
Database Server

Not Applicable

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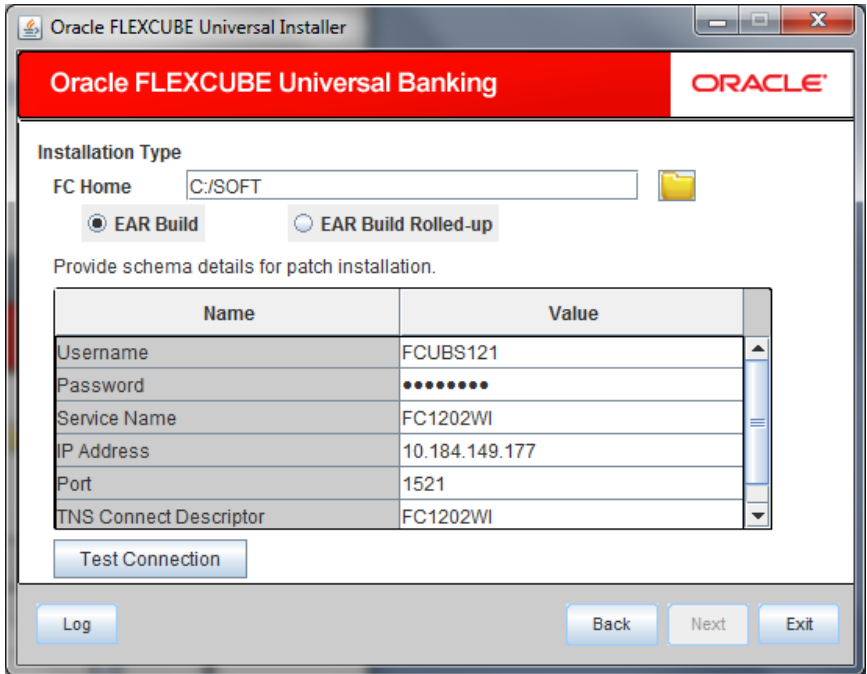
5. Based on the FCHOME chosen, the valid list of deployable units are listed as shown in the next screen:

Choose the required set of Main and Patch releases. Click Next. Following screen is shown.

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6. Specify the application details as given below:

Destination Directory

Specify the directory where the application should be setup. The installer will copy the source files from the source directory to the destination directory.

Use the directory icon to browse and select the destination directory.

Application Name

Specify a name for the application to be deployed.

You cannot use special characters such as '.' (dot), ',' (comma), '$' etc. However, you may use '_' (underscore).

**Application Context Neoweb**

Based on the Application type selected, the Installer displays the application context. However, you may modify the default value.

This information will be updated in 'application.xml'. In case of a WebLogic server, this will be updated in 'weblogic.xml'.

Application Context WebTab

Based on the Application type selected, the Installer displays the application context. However, you may modify the default value.

7. Once you have specified the details, click 'Next' to continue.
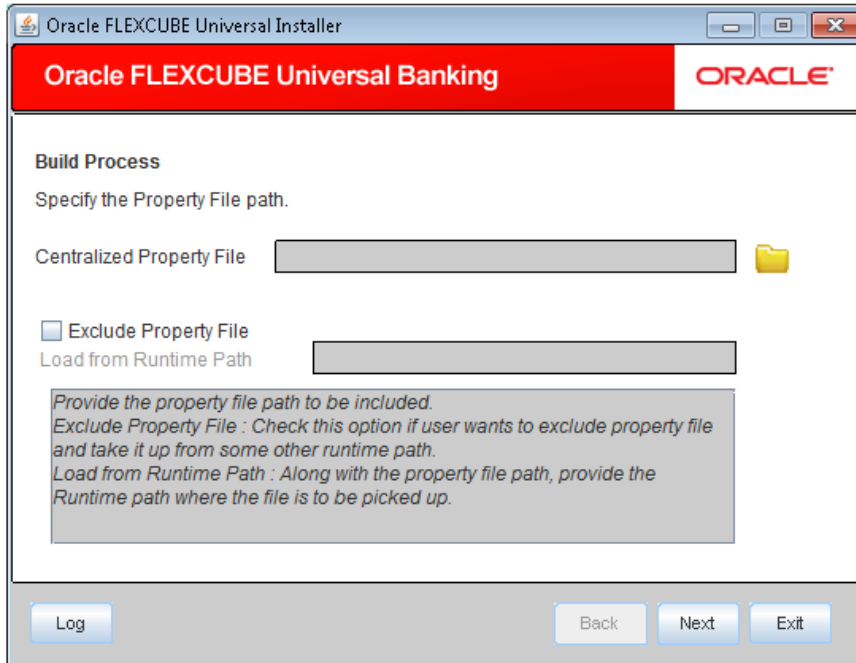
8. Specify the following details:

Centralized Property File

Specify the location of the centralized property file. You can use the directory button to browse and select the directory.

The property file is required for EAR building.
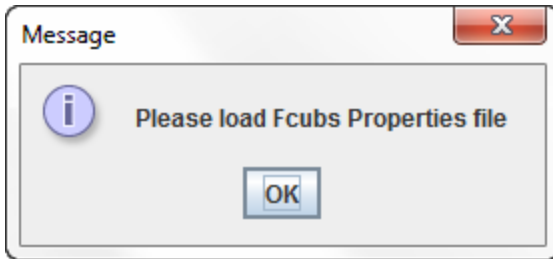
Exclude Property File

Check this box to exclude the property file. By checking this box, you can include a property file from the runtime path.

If you check this box, you need to specify the location of the property file in the field 'Load from Runtime Path'.

Load from Runtime Path

If you have checked the box 'Exclude Property File', you need to specify the runtime path from where the Installer will pick up the property file.

It is mandatory to load the property file. If you do not load a property file, the installer will display the following error message:

You need to load the property file to continue. Once the property file is loaded, Plugin screen is displayed.
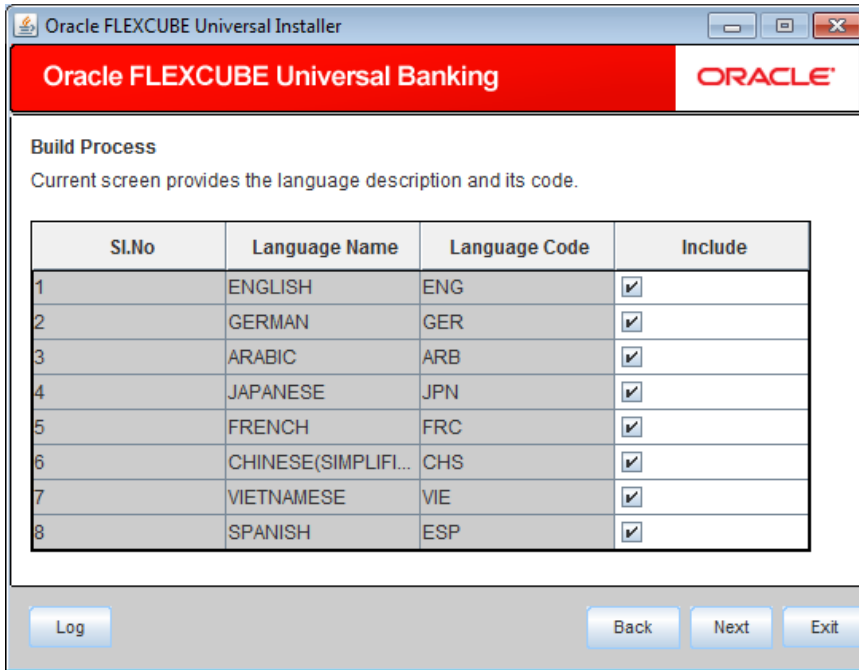
9. Once you have specified the details, click 'Next' button and the following screen is displayed:
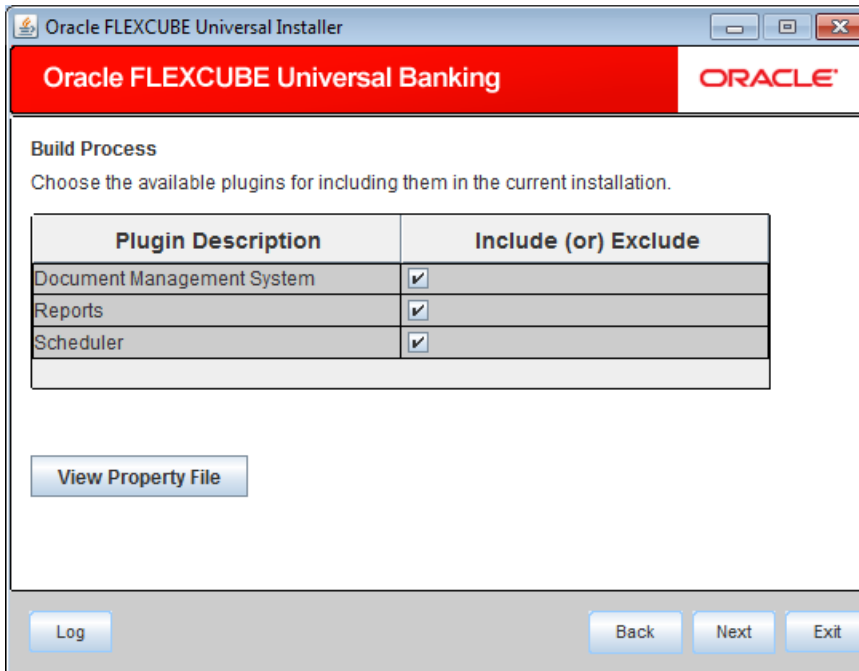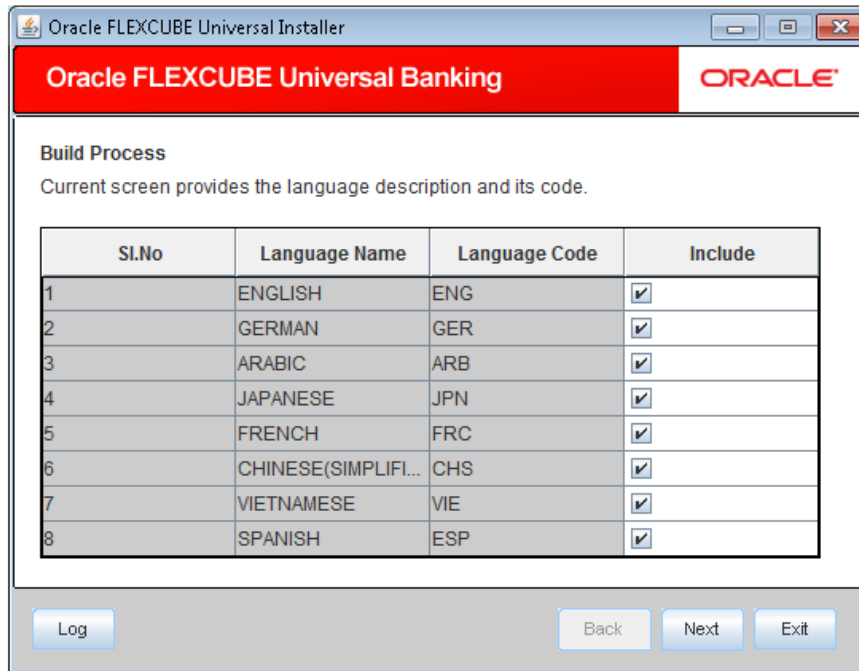

10. You need to select the plug-ins to be included in the installation. Check the box against the required plug-ins.

11. Click 'Next'. The following screen is displayed.

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Sl.No	Language Name	Language Code	Include
1	ENGLISH	ENG	✔
2	GERMAN	GER	✔
3	ARABIC	ARB	✔
4	JAPANESE	JPN	✔
5	FRENCH	FRC	✔
6	CHINESE(SIMPLIFI...	CHS	✔
7	VIETNAMESE	VIE	✔
8	SPANISH	ESP	✔

12. Select the modules that you wish to include in the installation.

13. Click 'Next'. The following screen is displayed.

Sl.No	Language Name	Language Code	Include
1	ENGLISH	ENG	✔
2	GERMAN	GER	✔
3	ARABIC	ARB	✔
4	JAPANESE	JPN	✔
5	FRENCH	FRC	✔
6	CHINESE(SIMPLIFI...	CHS	✔
7	VIETNAMESE	VIE	✔
8	SPANISH	ESP	✔

14. Select the languages that you wish to include in the installation.

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15. Click 'Next'. The following screen is displayed.
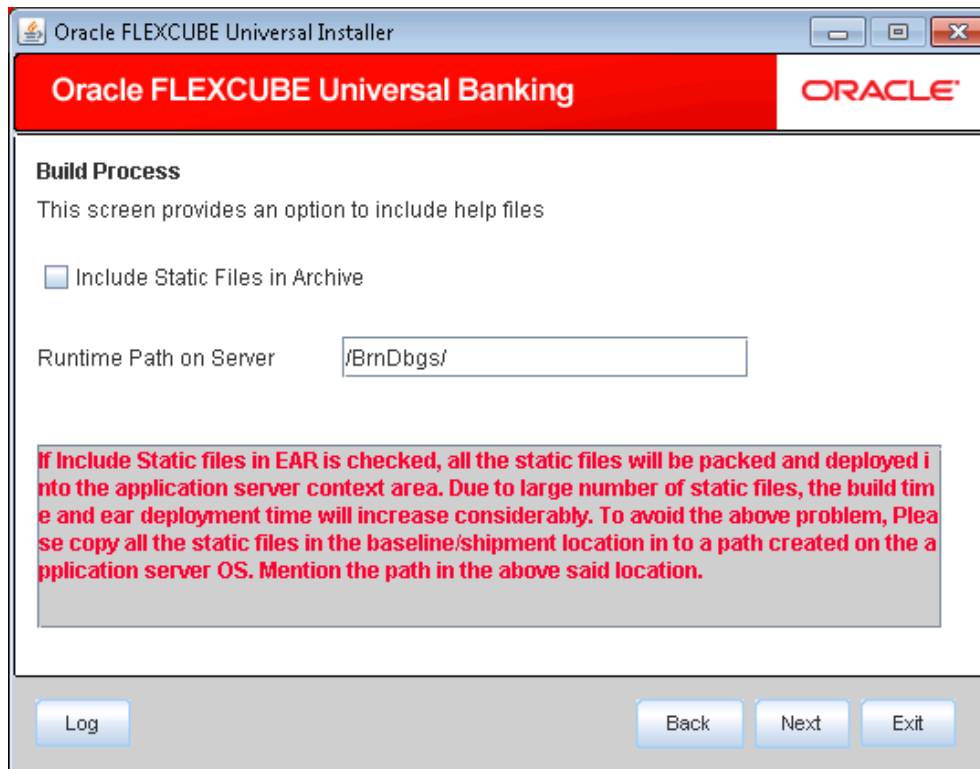
16. Specify the following details:

Include Static Files in EAR

Check the box 'Help Files' to include the online help files in the installation.

If you do not check this box, the Installer will not include the help files, JS and UIXML files in the EAR file. However, you can manually copy the help files to a specific folder in the application server. For details, read the information below.

Runtime Path on Server

In case you have manually moved the help files into a folder in the application server, specify the path of that folder.

🛑 You can manually copy the help files from the shipment media to a specific folder in the application server. This will reduce the time required for building EAR file. Copy the help files into a specific folder in the application server and unzip the files. Later, specify the folder location in the field 'Runtime Path on Server'.

🛑 You need to maintain '<RuntimePath>/Help/' directory structure.

For JS/UIXML you need to maintain, '<RuntimePath>/Script/JS and <RuntimePath>/UIXML/<LANGUAGE>

17. Click 'Next'. The Oracle FLEXCUBE Installer copies the files to the destination folder.

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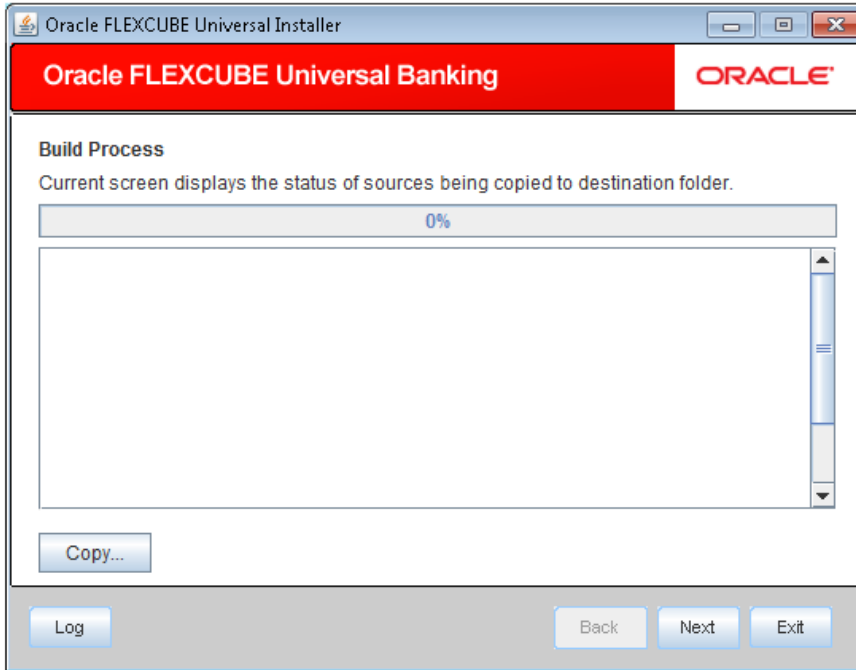
18. The Installer starts building the EAR/WAR files after the files are copied.

🛑 The compilation screen is not available in EXEC mode of installation.

19. While copying the sources, the Installer copies all the plug-ins whether you have selected them or not. At this stage, the installer deletes the plug-ins that are not selected.

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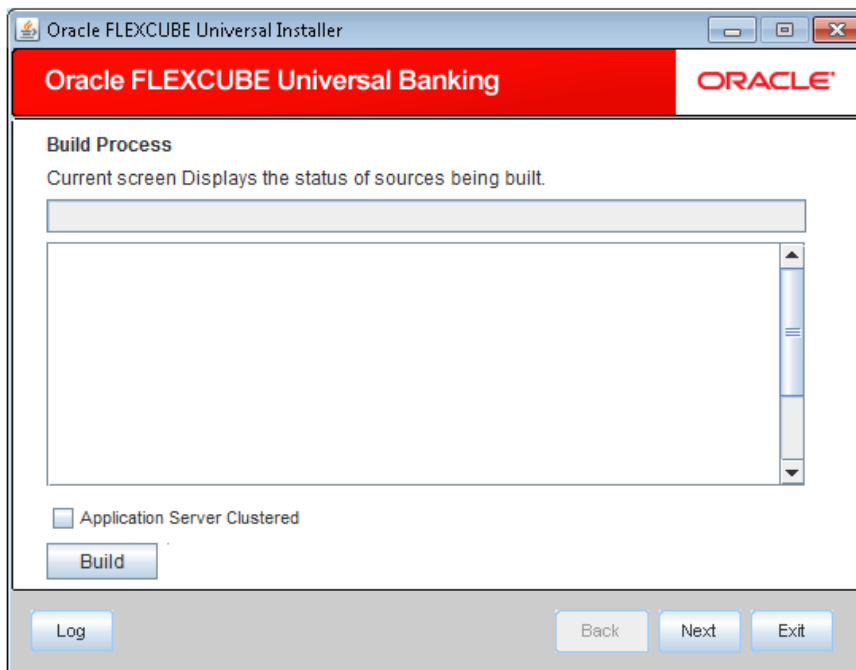
If The EAR created is to be deployed in an Application server running in a clustered mode, the check box needs to check.

20. The Installer creates the EAR/WAR files in the destination directory. After successful build process.

The EAR file will be available in selected EAR file location. If you have opted for BPEL, then FCBPELCIS.jar file will also be available in the EAR file location.

In case of decentralized or hybrid setup, EAR files for the Host and WAR file for the Branch will be available in EAR file location.

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