

FCUBS EAR Building
Oracle FLEXCUBE Universal Banking
Release 12.1.0.0.0
[October] [2015]



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1. BUILDING APPLICATION FOR SETUP 1-1

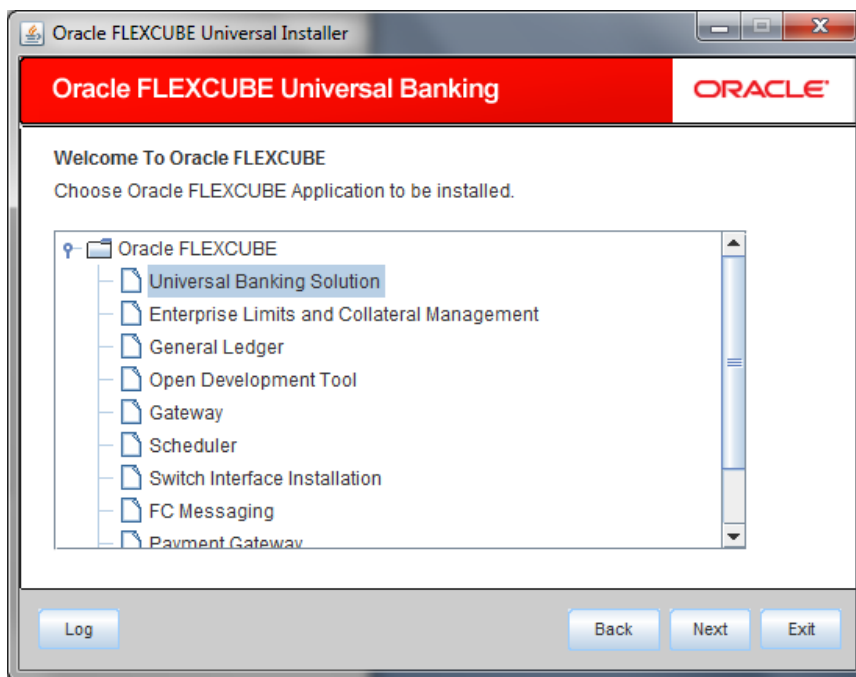
1. Building Application for Setup

The process of building EAR files includes the following steps:

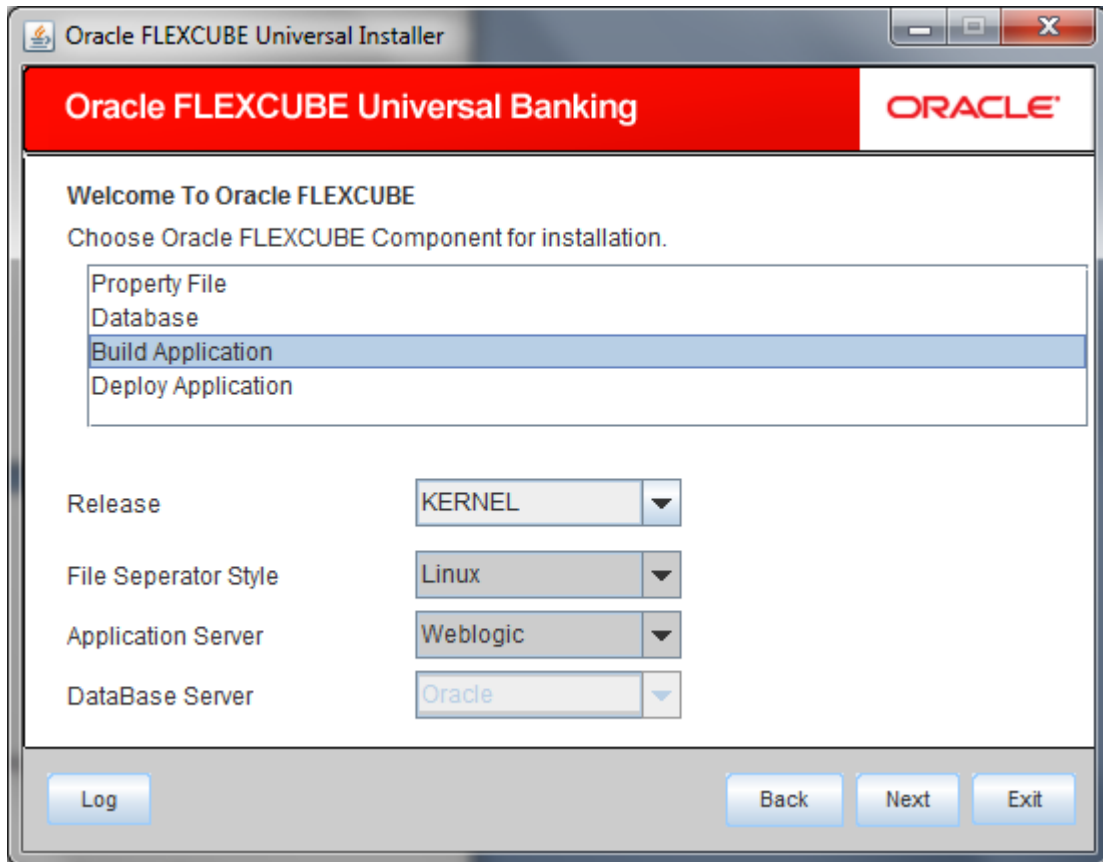
- Load property file
- Copy sources
- Compile sources
- Build sources

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

1. Double-click 'FCUBSInstaller.bat' batch file to launch Oracle FLEXCUBE Universal Installer. The following screen is displayed.
2. Click 'Next' and the following screen is displayed:



3. Select 'Universal Banking Solution'
4. Click 'Next' and the following screen is displayed:



Select 'Build Application' and specify the following details:

Operating System

Select the release in which you are building the application from the adjoining drop down list.

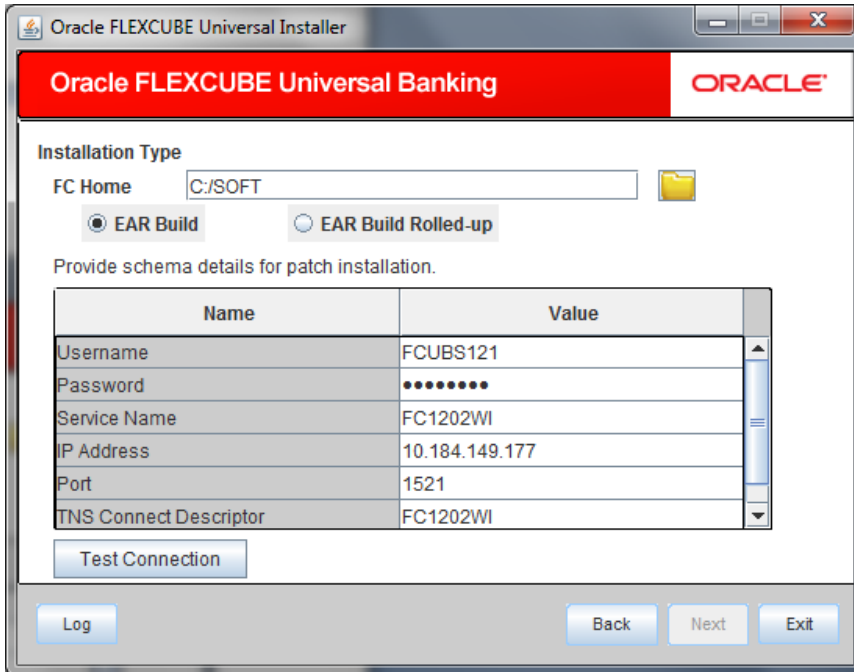
Application Server

Select the application server in which you are building the application from the adjoining drop down list.

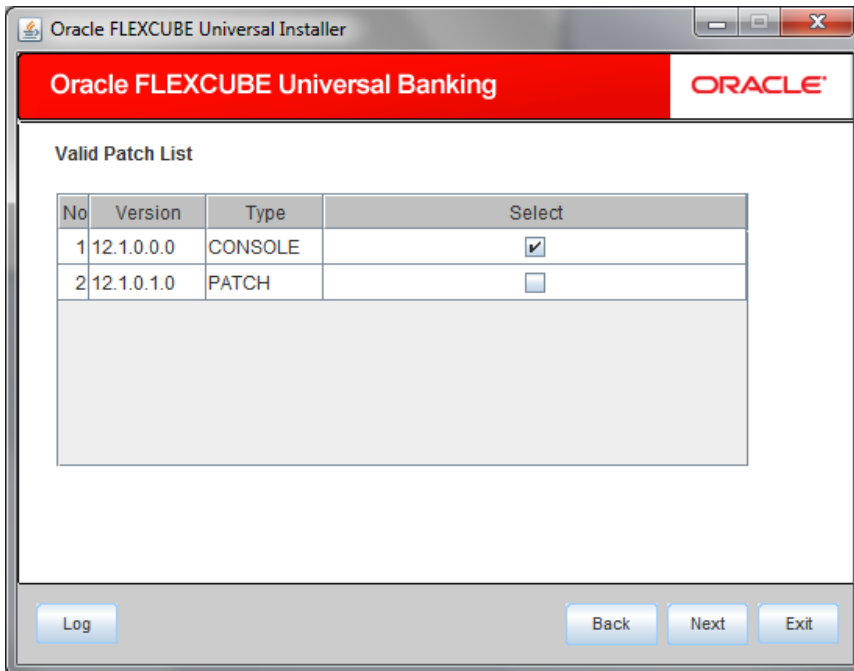
Release

Select the release from the adjoining drop down list.

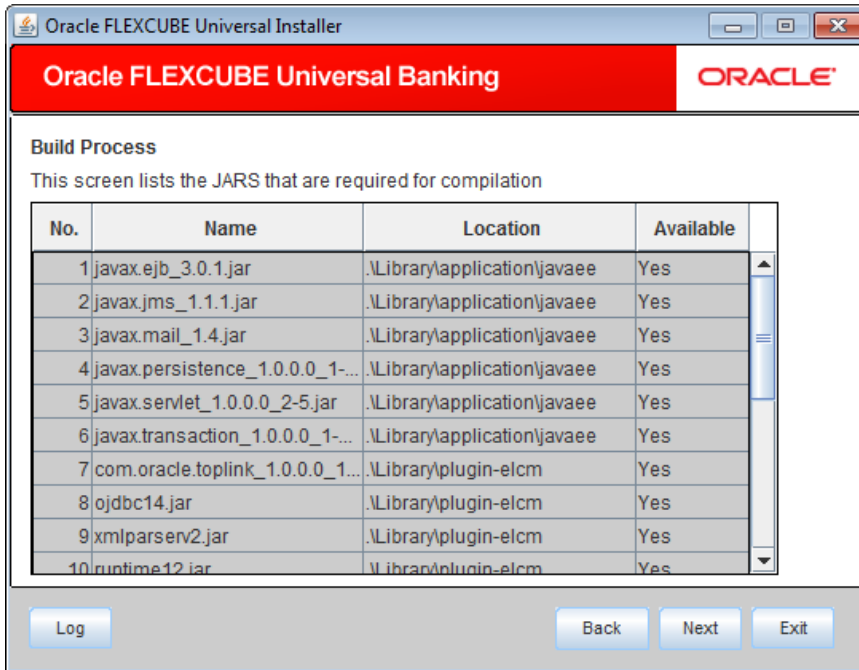
5. Once you have specified the details, click 'Next' and the following screen is displayed:
6. Select the appropriate installation option. Provide schema details for validation in case of rolled up patch installation. For New Schema details are not enabled. Click 'Next'.



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

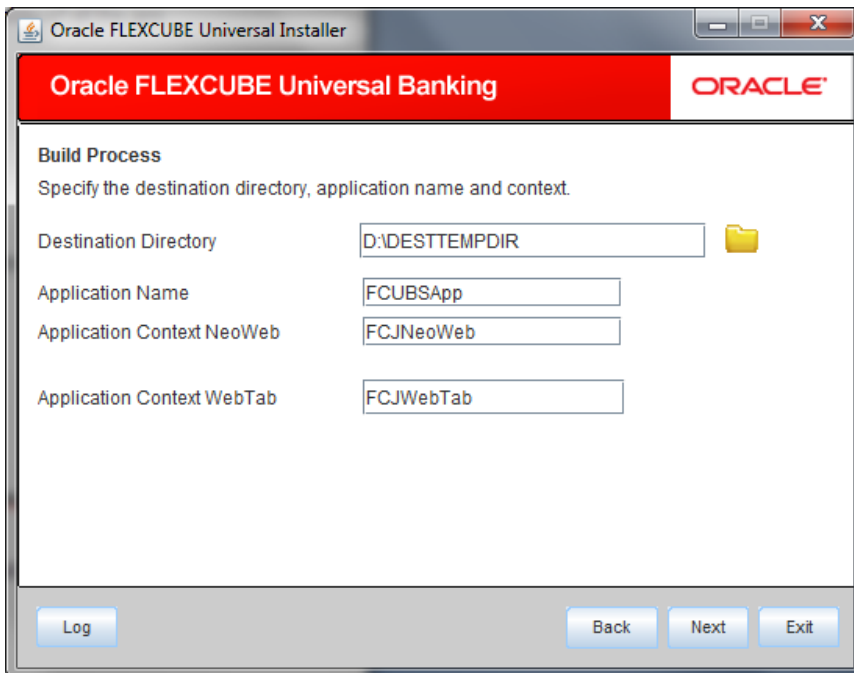


Choose the required set of Main and Patch releases. Click Next. Following screen is shown.



This screen displays the name, location and availability of all the jars. Availability of all the jars should be 'YES'. If the Jars available is 'No'. Update the library.


8. Click 'Next' and the following screen is displayed:



9. Specify the following details:

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.

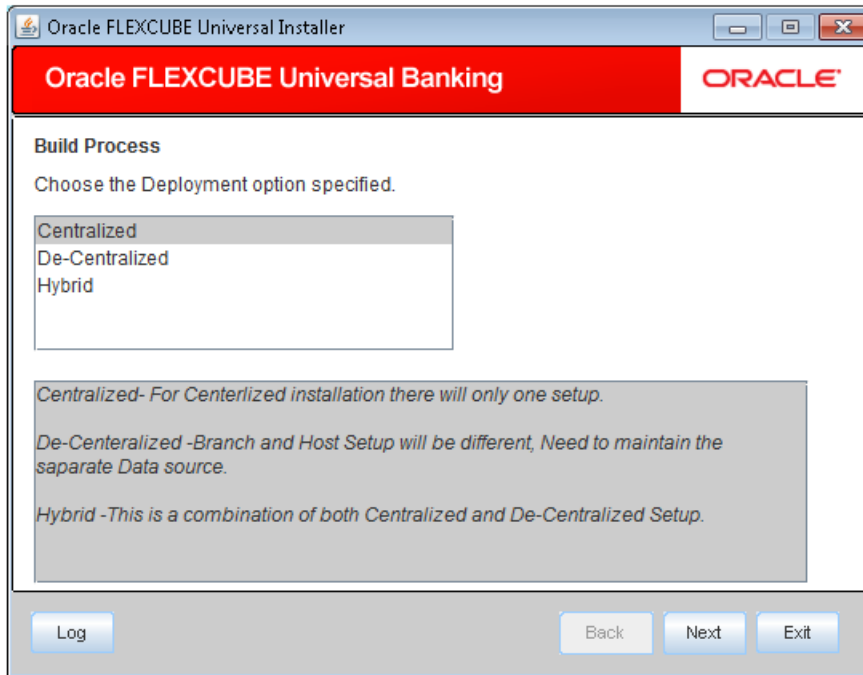
You cannot use special characters such as '.' (dot), ',' (comma), '\$' etc. However, you may use '_' (underscore).

Application Context

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'.

10. Click 'Next' and the following screen is displayed:



11. Select the type of application deployment. You can choose one of the following options:

- Centralized

Choose this if you require centralized installation.

- Decentralized

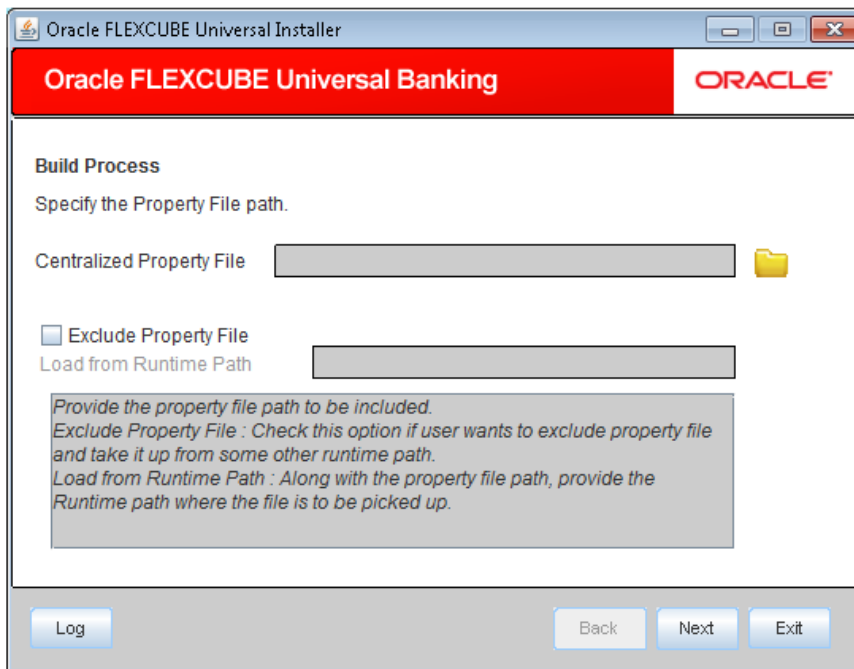
Choose this if you require decentralized installation. In this case, Installer generates the following files at the end of the build process:

- Application {Application_name}.ear – This can be deployed as Decentralized Host
- Application {Application_name}.war – This can be deployed as Decentralized Branch
- Hybrid:

Choose this if you require Hybrid Installation. In this case, the Installer generates the following files at the end of the build process:


- Application {Application_name}.ear - This can be deployed as Centralized Host Application
- Application {Application_name}.war This can be deployed as Decentralized Branch

12. Once you have selected the deployment type, click 'Next' and the following screen for building property file is displayed:



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

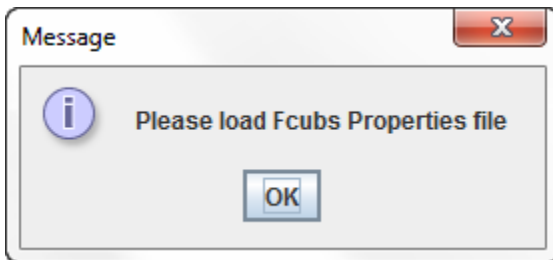
Check this box to exclude the property file. By checking this box, you can include a property file from the runtime path.

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

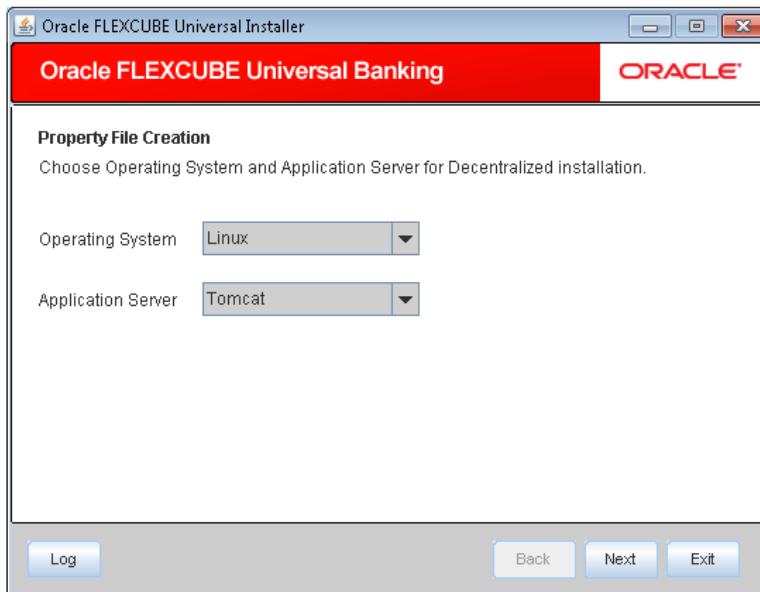
If you have checked the box 'Exclude Property File', you need to specify the runtime path from where the Installer will pick up the property file.

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



You need to load the property file to continue. Once the property file is loaded, Plugin screen is displayed.

13. In decentralized mode, you can see the following screen during Application build process



Specify the following details

Property File Creation

You have to choose the Operating System and Application Server for Decentralized installation.

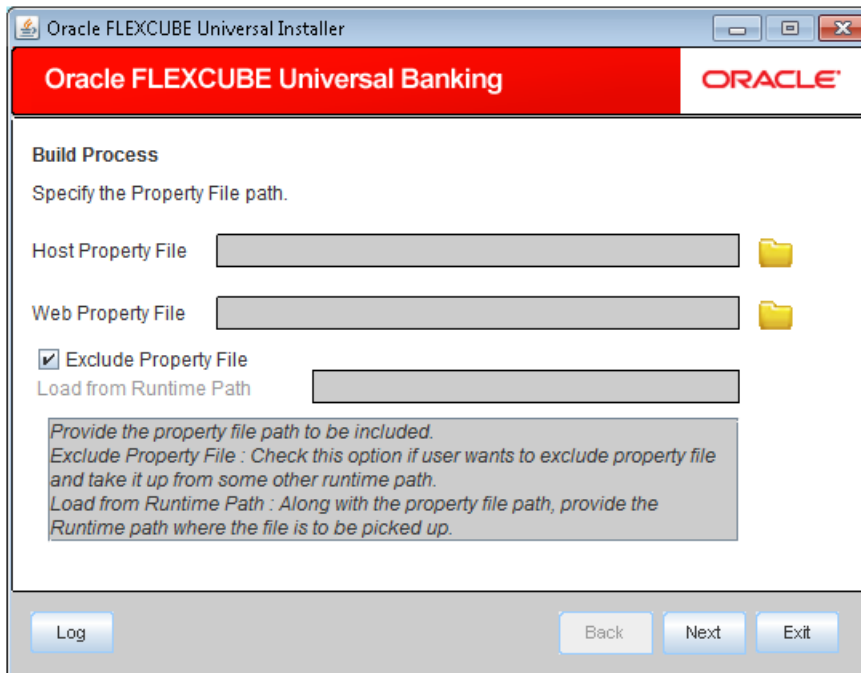
Operating System

Select the operating system from the adjoining drop down list.

Application Server

Select the application server from the adjoining drop down list.


14. Click 'Next' and the following screen is displayed:




The screenshot shows the Oracle FLEXCUBE Universal Installer window. The title bar reads "Oracle FLEXCUBE Universal Installer". The window has a red header with "Oracle FLEXCUBE Universal Banking" and the "ORACLE" logo. The main content area is titled "Build Process" and contains the instruction "Specify the Property File path." Below this, there are three input fields: "Host Property File", "Web Property File", and "Exclude Property File". The "Exclude Property File" checkbox is checked. Below the "Exclude Property File" checkbox is a "Load from Runtime Path" input field. A text box provides instructions: "Provide the property file path to be included. Exclude Property File : Check this option if user wants to exclude property file and take it up from some other runtime path. Load from Runtime Path : Along with the property file path, provide the Runtime path where the file is to be picked up." At the bottom of the window, there are four buttons: "Log", "Back", "Next", and "Exit".

Specify the following details:

Host Property File

Specify the host property file. You can use the directory button  to browser and select the directory.

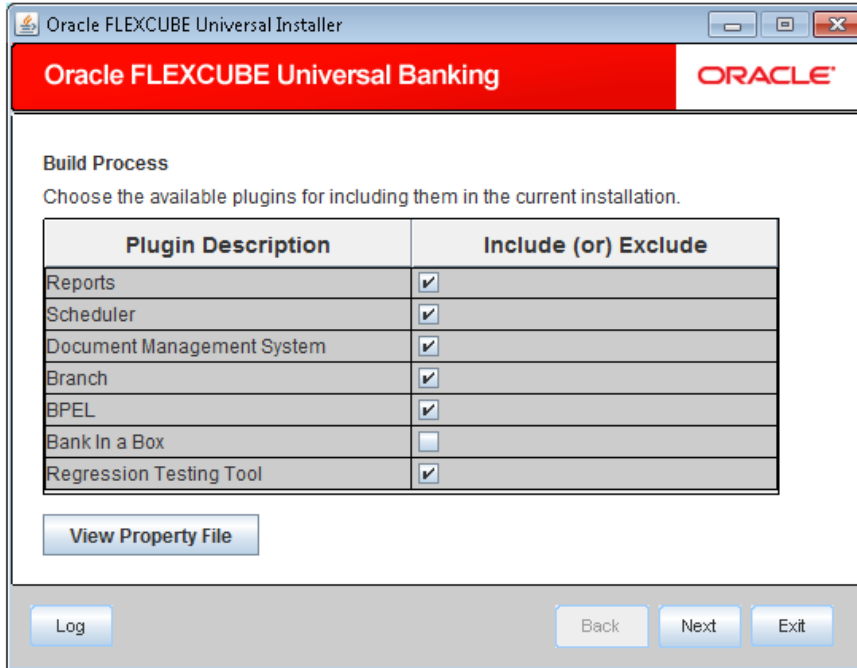
Web Property File

Specify the web property file. You can use the directory button  to browser and select the directory.

Exclude Property File

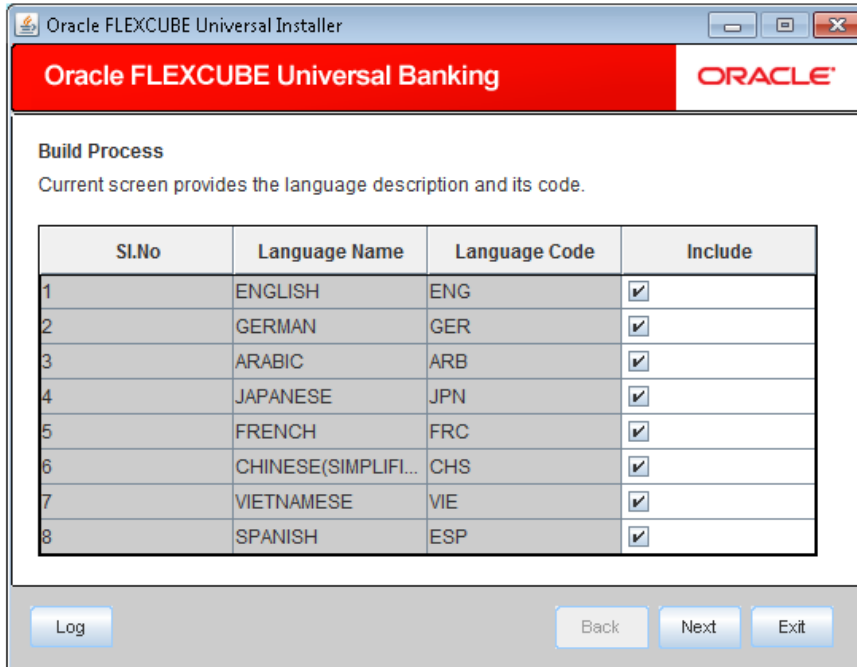
Check this box to load the property file from runtime path.

15. Once you have specified the details, click 'Next' button and following screen is displayed:



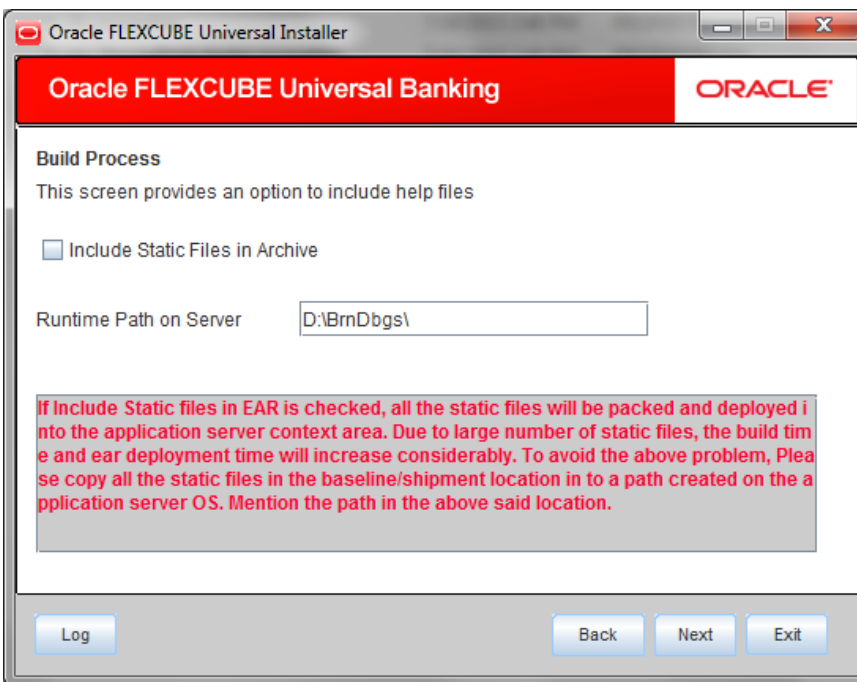
You need to select the plug-ins to be included in the installation. Check the box against the required plug-ins.

16. Click 'Next' and the following screen is displayed:



Check the languages that you wish to include in the installation.

17. Click 'Next' and the following screen is displayed:



Specify the following details:

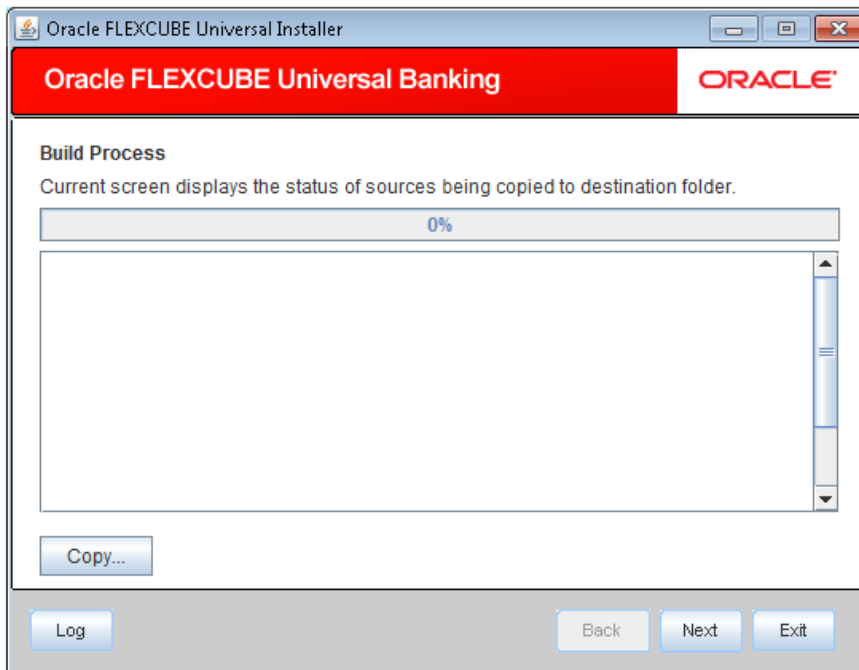
Include Static Files in EAR

Check the box 'Static Files' to include the static files in EAR file.

If you do not check this box, the Installer will not include the static files in the EAR file. The files would be consolidated into a folder called JS_UIXML under the destination folder. For details, read the information below.

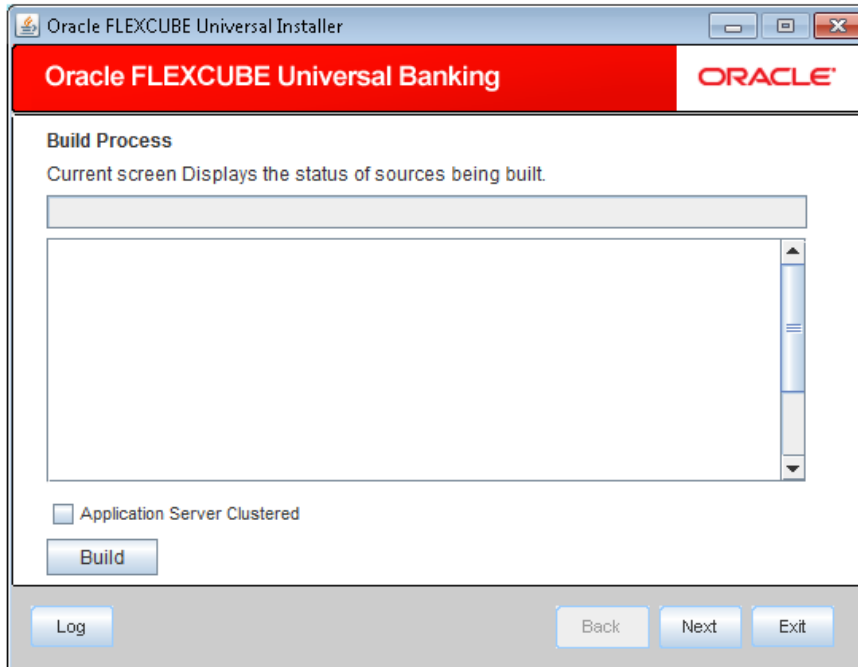
Note: You have to manually copy the static files present in the JS_UIXML folder of the Destination Directory mentioned during build process to a specific folder in the application server. This will reduce the time required for building EAR file. Copy the static files into a specific folder in the application. Later, specify the folder location in the field 'Runtime Path on Server'.

18. Click 'Next' and the following screen is displayed: The Oracle FLEXCUBE Installer copies the files to the destination folder.



The Oracle FLEXCUBE installer copies the files to the destination folder.

19. Click 'Next'



The installer start building the EAR/WAR files, after the files are copied.



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

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

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, aAfter the successful build process.

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

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



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