

FCIS EAR Building
Oracle FLEXCUBE Investor Servicing
Release 12.0.3.0.0
[April] [2014]



Table of Contents

1. BUILDING APPLICATION FOR SETUP	1-3
2. INSTALLING UNIVERSAL BANKING SOLUTION IN DEFAULT MODE	2-14

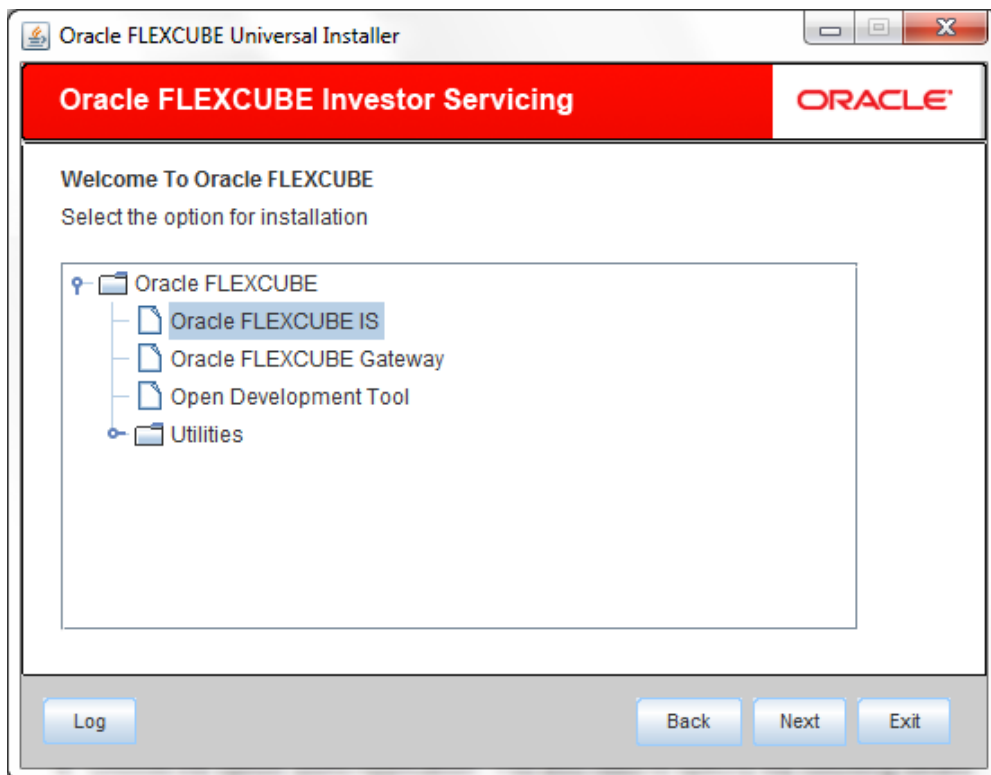
1. Building Application for Setup

The process of building EAR files includes the following steps:

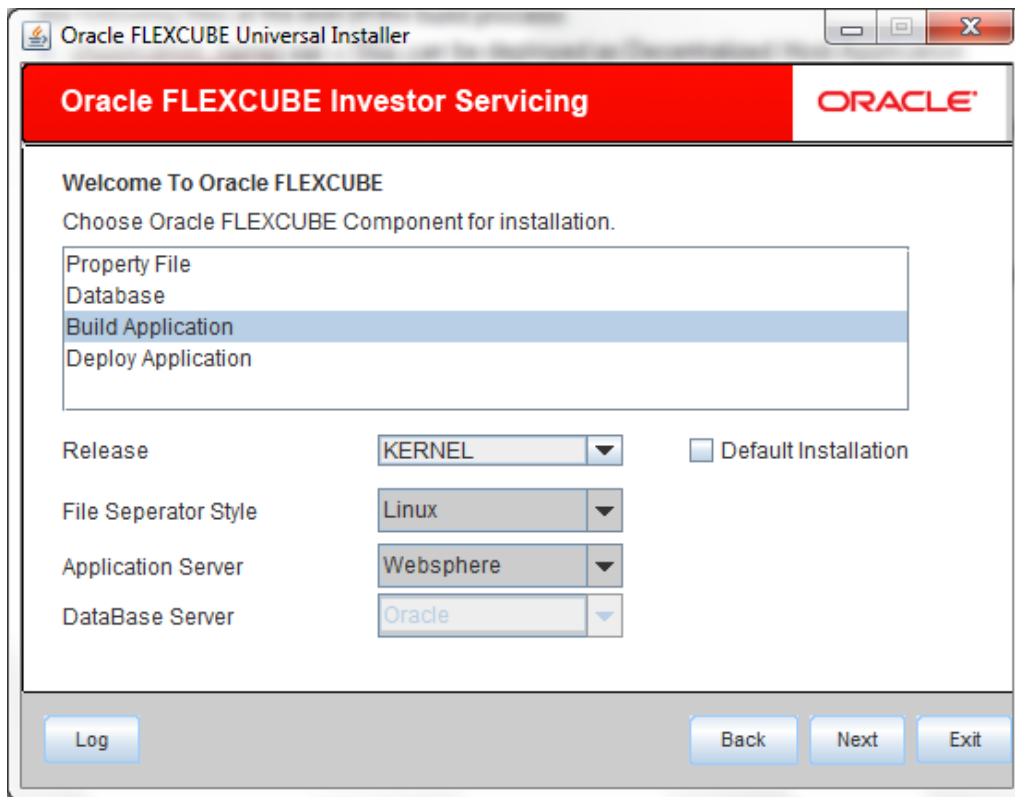
- Load property file
- Copy sources
- Compile sources
- Build sources

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' to proceed. The following screen is displayed.



3. Choose 'Universal Banking Solution' and click 'Next'. The following screen is displayed.



4. Choose the option 'Build Application'. You also need to specify the following details:

Operating System

Specify the operating system in which you are building the Application. Choose the appropriate one from the drop-down list.

Application Server

Specify the application server in which you are building the Application. Choose the appropriate one from the drop-down list.

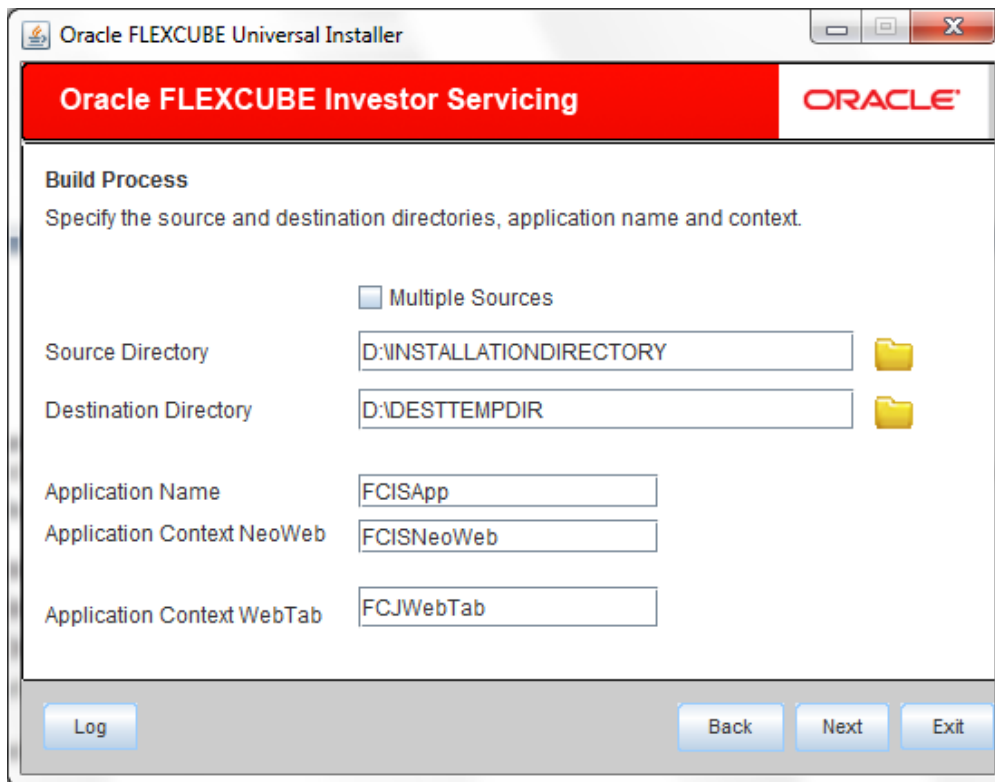
Release

Specify the release from the drop down list.

Default Installation

Check this box to install in default mode

Verify the details and click 'Next'. You will be prompted to specify the application details in the following screen.



5. Specify the Application Details as given below:

Source Directory

Specify the location of the application source directory. The source directory will have the following folders:

- INFRA (Copied from Shipment media)
- MAIN (Copied from Shipment media) (optional)
- Other Folders (Based on the plug-ins selected)

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

Check the box 'Multiple Sources' to use multiple source directories.

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).

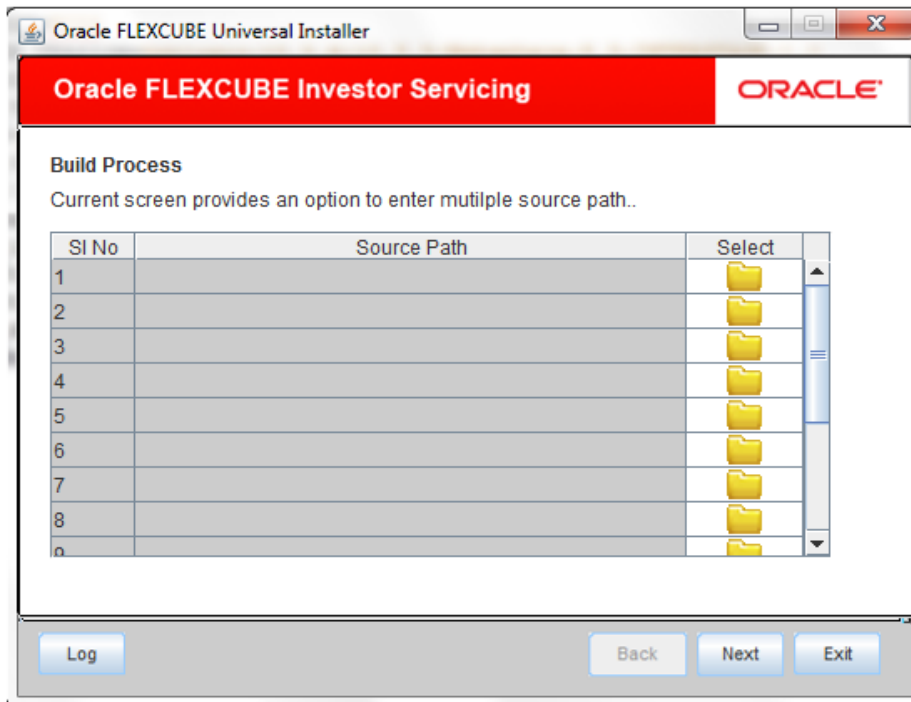
Application Context

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'.

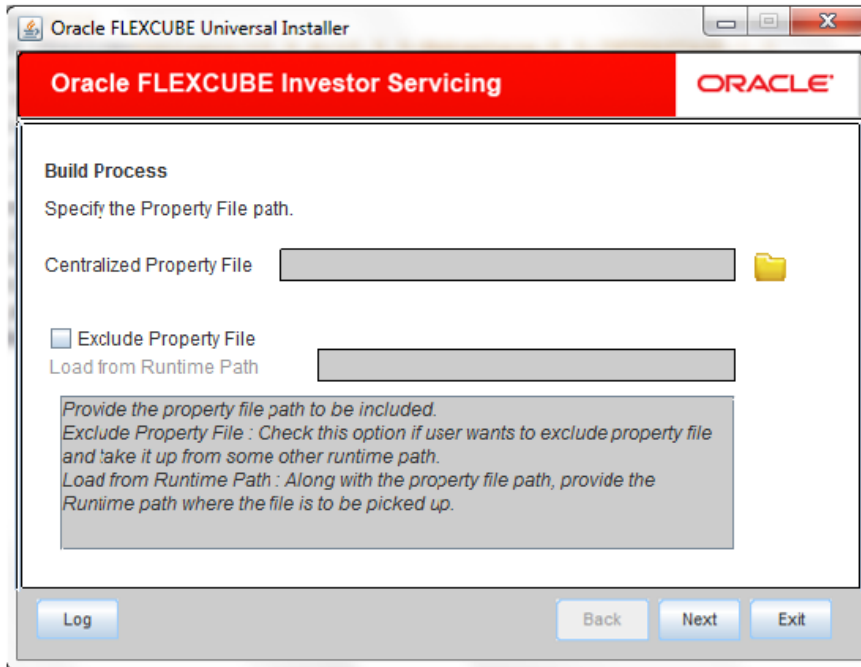
Multiple Sources

In case of Cluster/Patch releases, you can get the files from multiple source directories. If you check this box, the installer will not allow you to specify the source directory in this screen. On clicking 'Next', the following screen is displayed.



You can select all the source directories in this screen. The Installer will copy the sources from the multiple locations into the destination directory. You can have consolidated sources in the destination directory.

6. Once you have specified the details, click 'Next' to continue.



7. 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

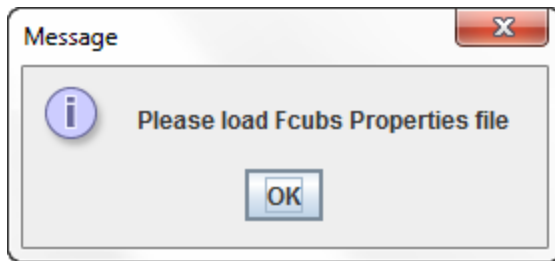
Check this box to exclude the property file. By checking this box, you can include a property file from the runtime path.

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

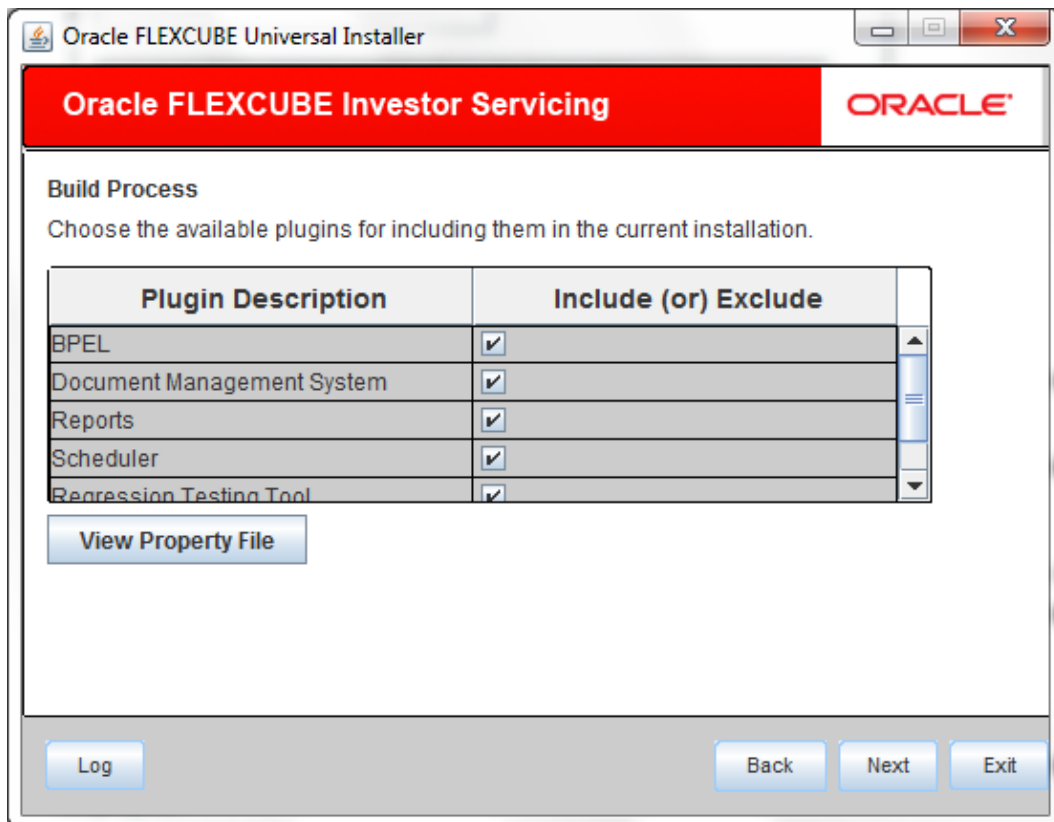
Load from Runtime Path

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:

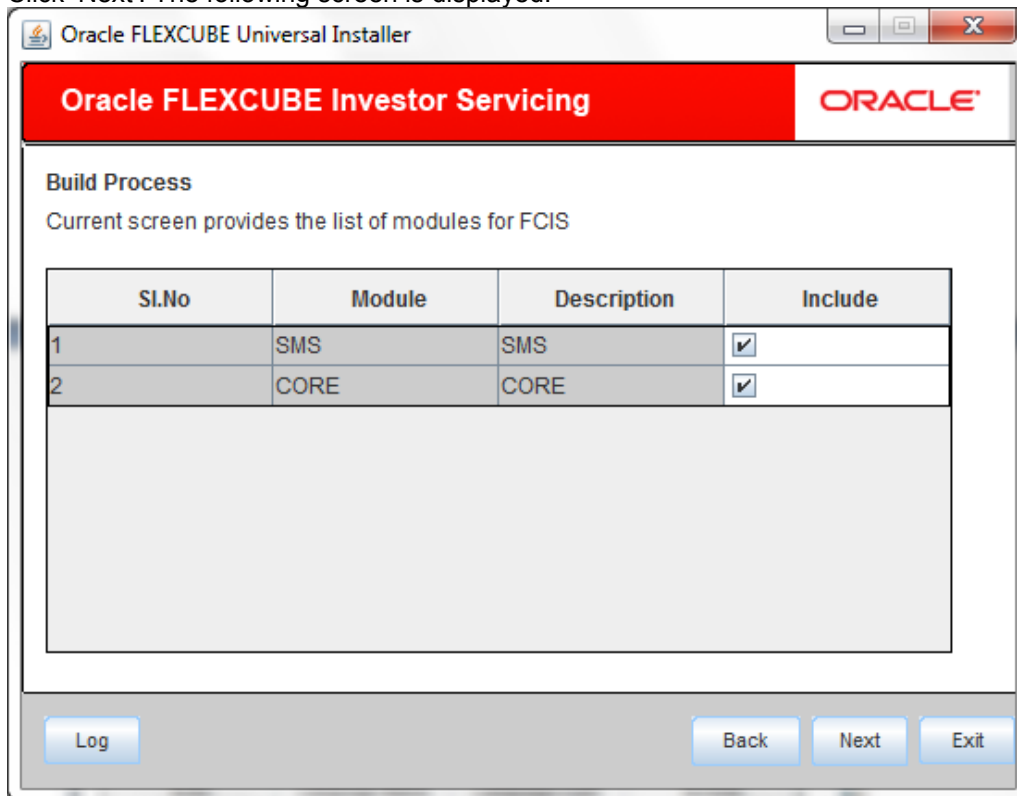


You need to load the property file to continue. Once the property file is loaded, Plugin screen is displayed.



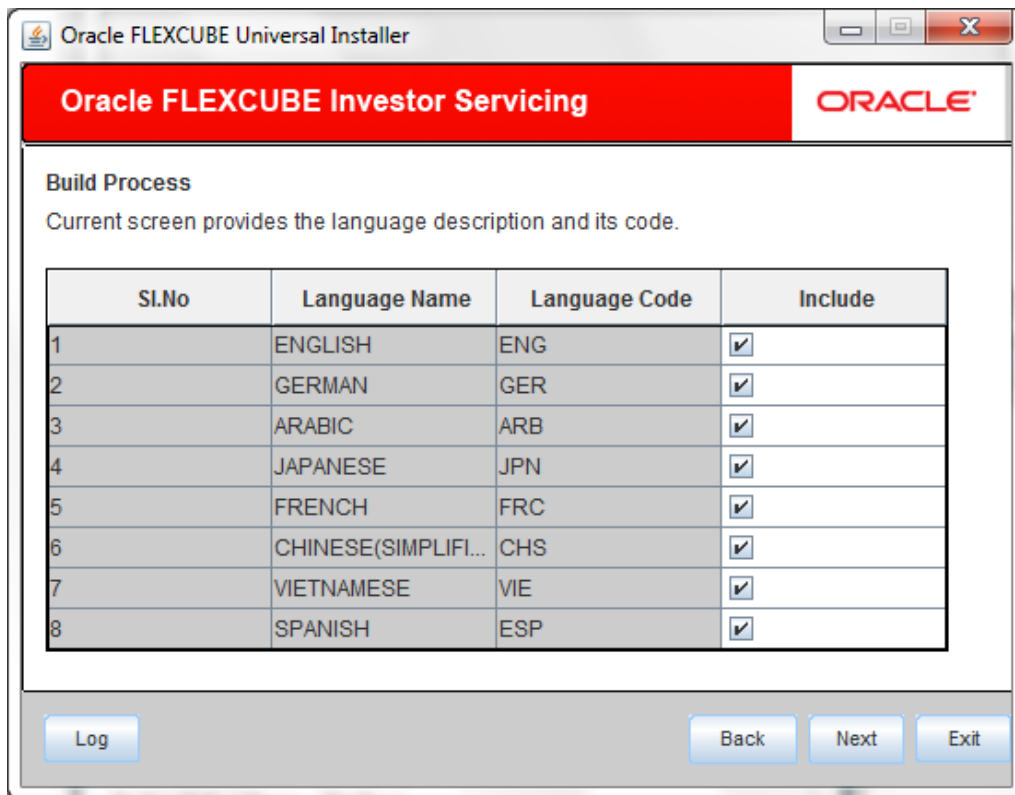
8. You need to select the plug-ins to be included in the installation. Check the box against the required plug-ins.

Click 'Next'. The following screen is displayed.

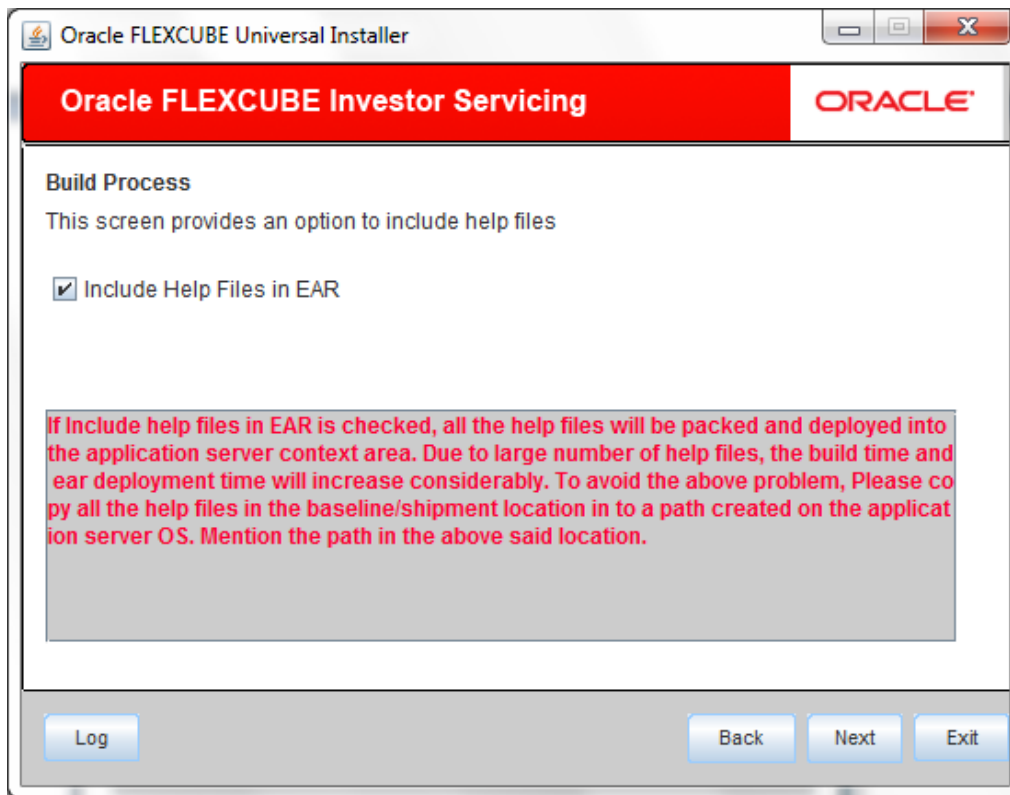


9. Select the modules that you wish to include in the installation.

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



11. Select the languages you wish to include in the installation.
12. Click 'Next'. The following screen is displayed.



13. Specify the following details:

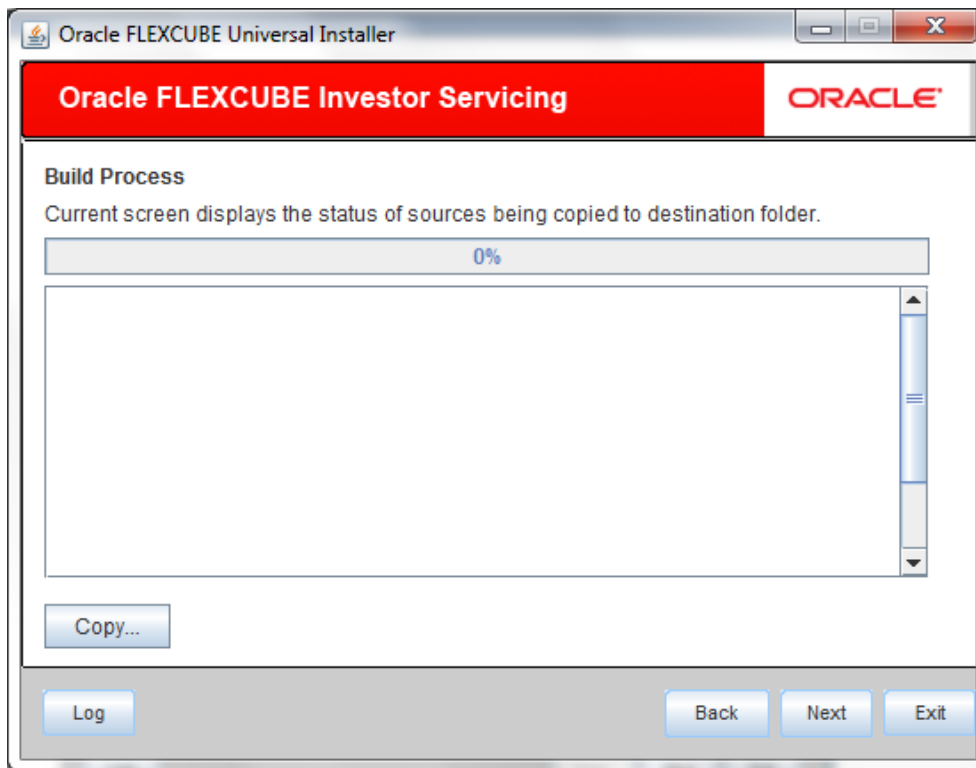
Include Help Files in EAR

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 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.

Note: 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'.

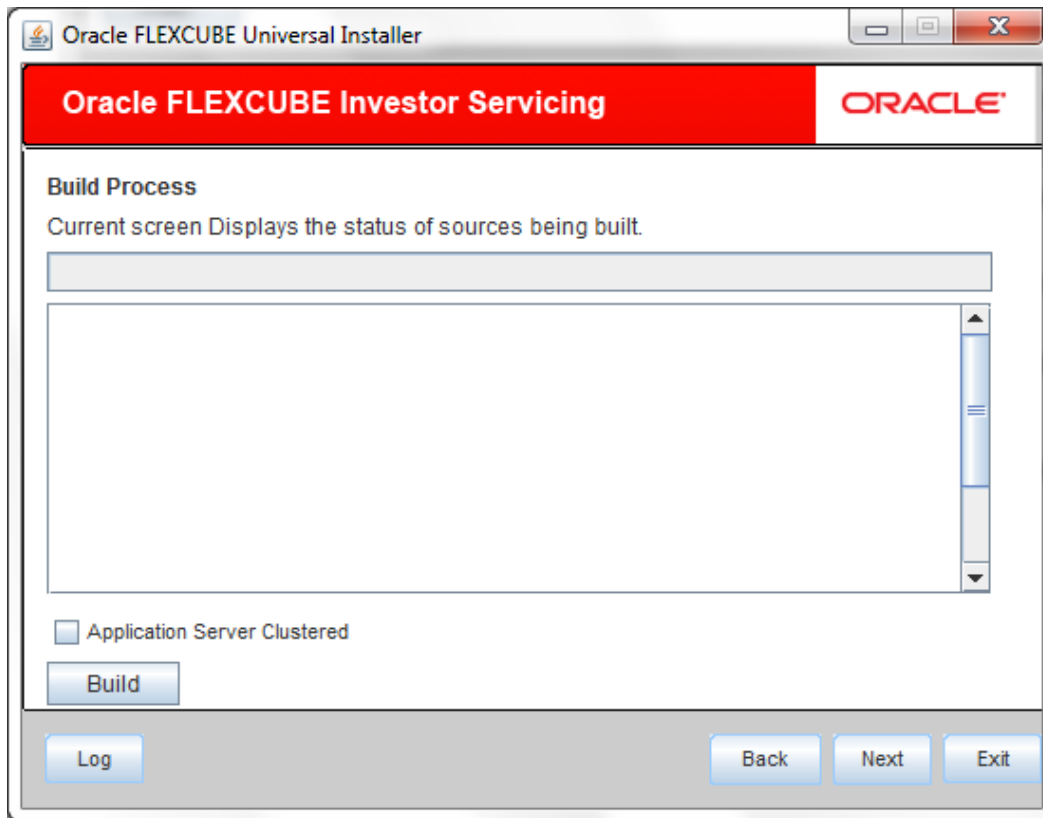
14. Click 'Next'. The Oracle FLEXCUBE Installer copies the files to the destination folder.



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

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

16. 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.

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

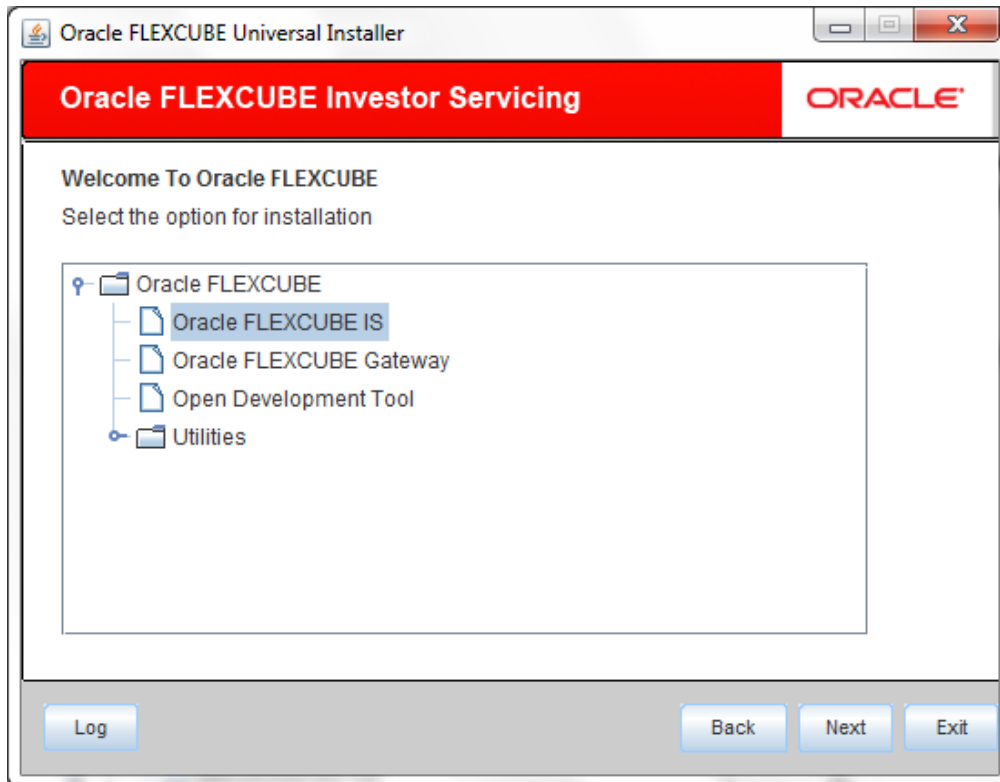
The EAR file will be available in selected EAR file location. If you have opted for BPEL, then FCBPELCIS.jar file will also be available in the EAR file location.

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.

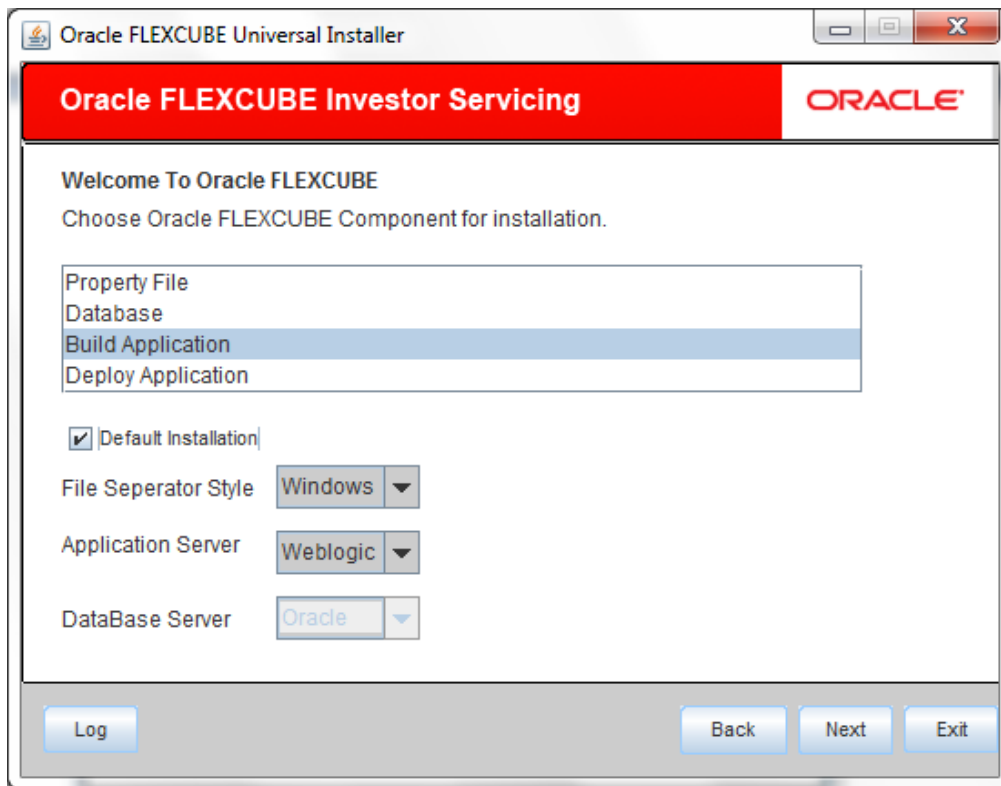
2. Installing Universal Banking Solution in Default Mode

To install FCIS in a default mode, follow the steps given below:

1. Run 'FCUBSInstaller.bat' batch file to launch Oracle FLEXCUBE Investor Servicing Solution Installer. The following screen is displayed.
2. Click 'Next'. The following screen will be displayed.



3. Click 'Oracle FLEXCUBE IS' and then click 'Universal Banking Solution'.
4. Click 'Next'. The following screen is displayed.



5. Select 'Build Application' as Oracle FLEXCUBE component for installation.
6. Specify the following details.

Operating System

Specify the operating system in which you are installing Oracle FLEXCUBE.

Application Server

Specify the application server on which you are installing Oracle FLEXCUBE.

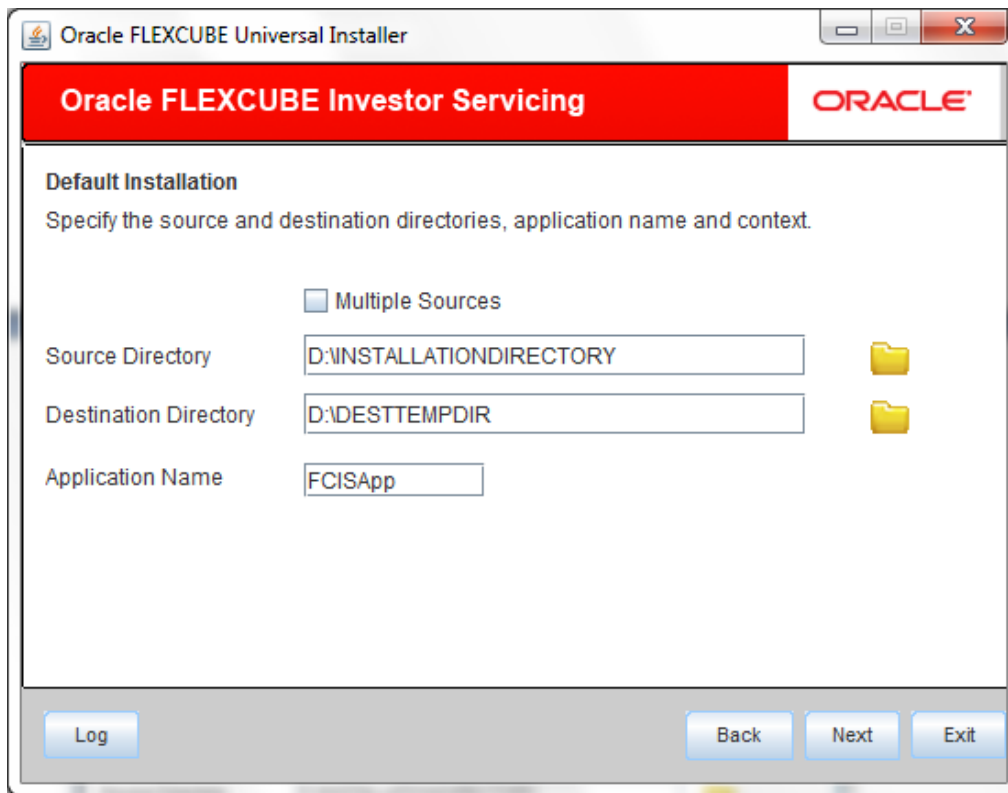
Release

Choose the release version from the drop down list.

Default Installation

Check this box for default installation.

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



Source Directory

Specify the location of the application source directory. You can use the directory icon to browse and select the source directory.

Note: Check the box 'Multiple Sources' to use multiple source directories.

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. You can use the directory icon to browse and select the destination directory.

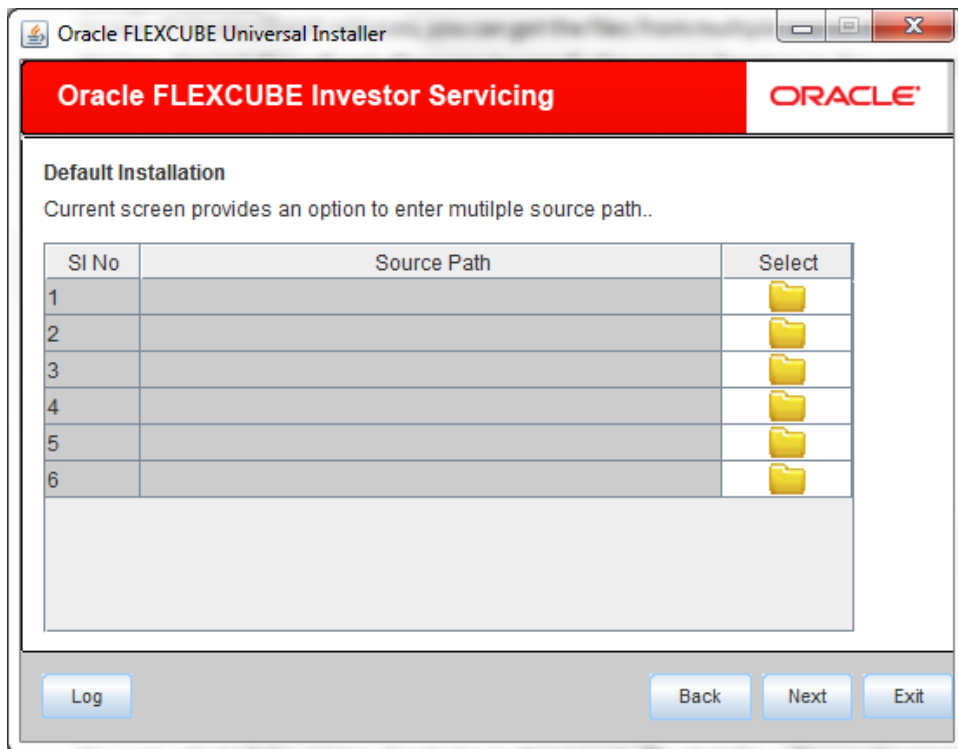
Application Name

Specify the desired name for the application. For example, RAD.

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

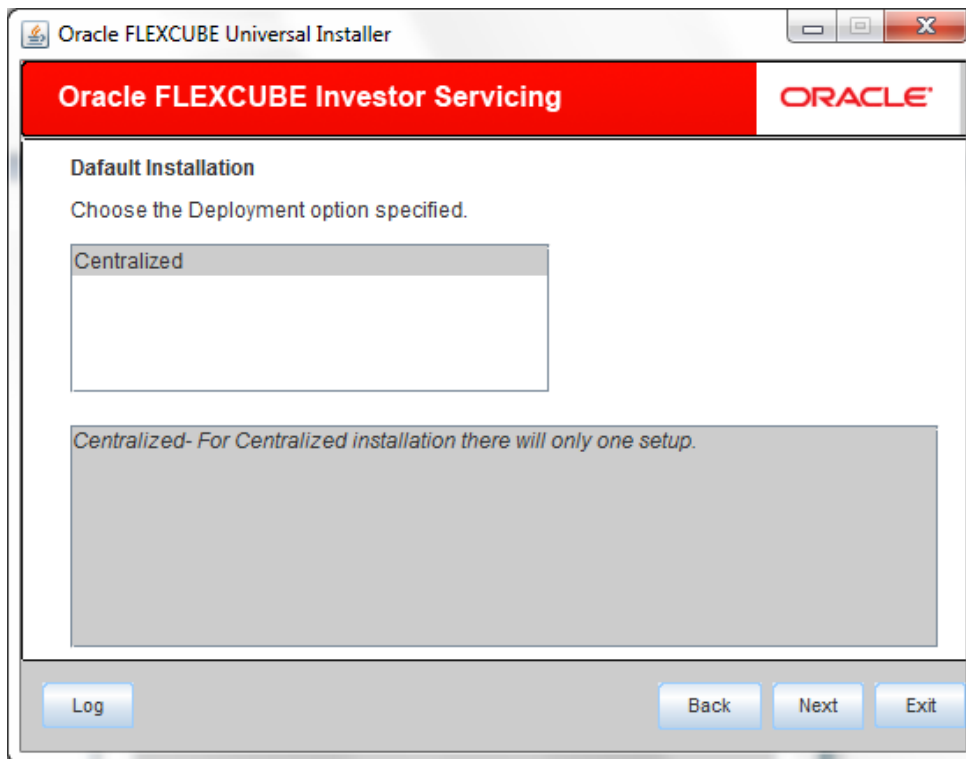
Multiple Sources

In case of Cluster/Patch releases, you can get the files from multiple source directories. If you check this box, the installer will not allow you to specify the source directory in this screen. On clicking 'Next', the following screen is displayed.



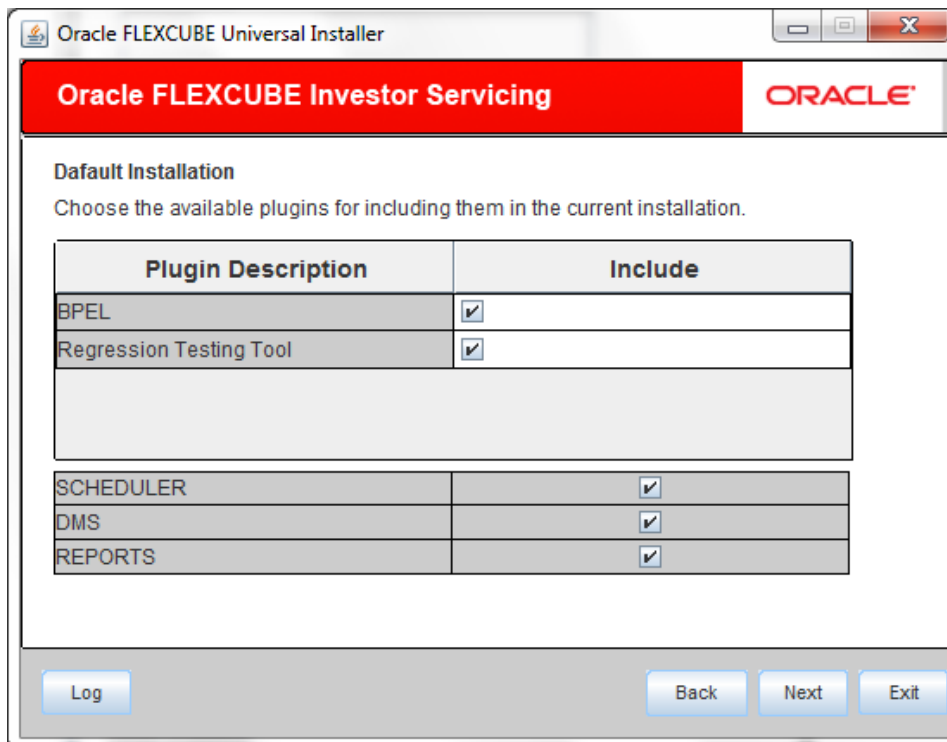
You can select all the source directories in this screen. The Installer will copy the sources from the multiple locations into the destination directory. You can have consolidated sources in the destination directory.

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



10. Select the 'Centralized' as the deployment option.

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

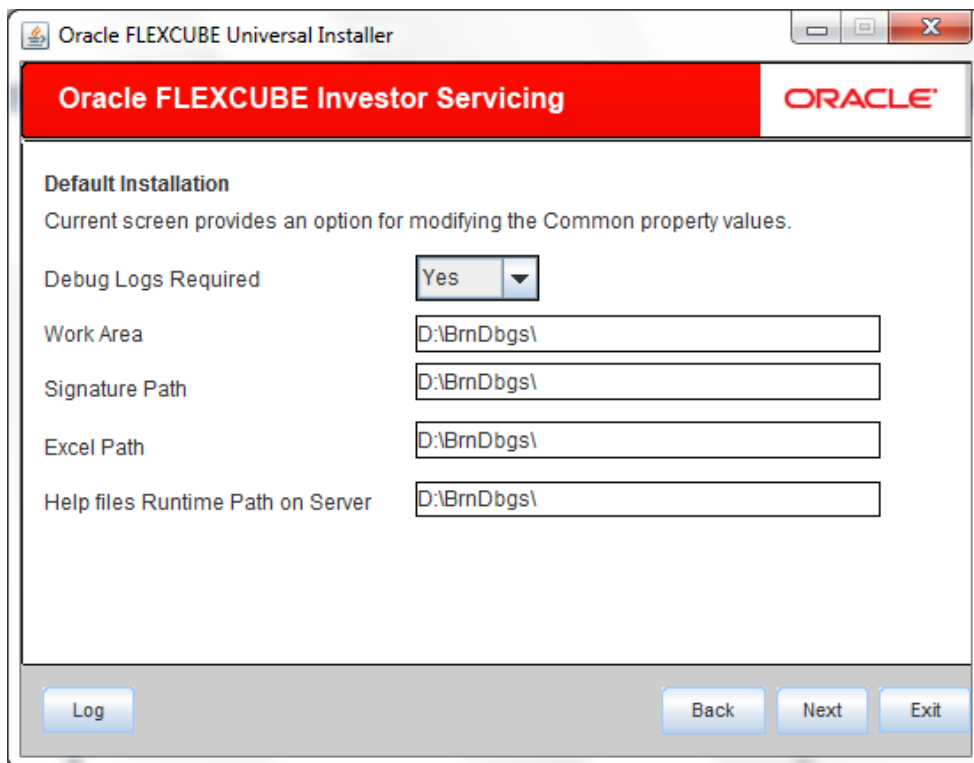


12. Select the plug-ins to be included in the installation. Check the box against the required plug-ins. The following plug-ins are available for Oracle FLEXCUBE:

- Branch
- BPEL
- Bank in a Box
- ELCM

Note: The Installer allows you to set the properties for the selected plug-ins only.

Click 'Next', the following screen will be displayed.



13. The following are the common properties required for FCJ Application:

Debug Logs Required

If you require debug option, select 'Yes' from the drop-down list. If you do not require debug option, select 'No'.

Work Area

Specify the work area.

For example: D:\BrnDbgs\

Signature Path

Specify the location at which the signature images will be placed.

Excel Path

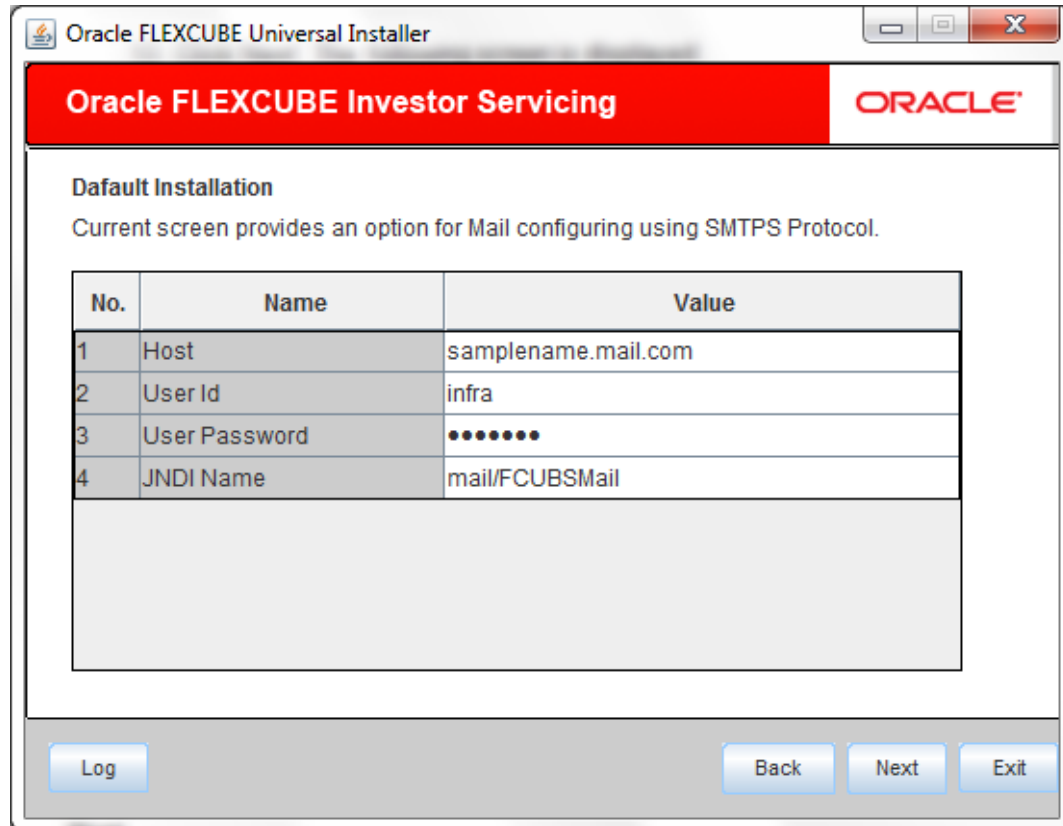
Specify the location at which the excel files will be generated.

Help files Runtime Path on Server

Specify the Runtime path

For example: D:\BrnDbgs\

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



Oracle FLEXCUBE Universal Installer

Oracle FLEXCUBE Investor Servicing ORACLE

Default Installation
Current screen provides an option for Mail configuring using SMTPS Protocol.

No.	Name	Value
1	Host	samplename.mail.com
2	User Id	infra
3	User Password	••••••••
4	JNDI Name	mail/FCUBSMail

Log Back Next Exit

15. Specify the following details.

Host

Specify the SMTP host name.

User ID

Specify the user ID.

User Password

Specify the user password.

JNDI Name

Specify the JNDI name.

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

No.	Name	Value
1	Server End Point	http://cvrhp1010:0101/xmlpserver/services/Publi...
2	Name Space	http://xmlns.oracle.com/oxp/service/PublicRepo...
3	User Name	Administrator
4	Password
5	Reports Spool Path	D:\
6	Advice Type	NATIVE
7	BIP Server Version	11g
8	BIP Time Zone	IST

17. Specify the following BI publisher details:

Server End Point

The system defaults the BIP server end point as 'http://10.10.10.10:1010/xmlpserver/services/PublicReportService_v11'; however, you need to change the URL based on the IP and port where BIP Application is installed.

Name Space

The system defaults the BIP name space as 'http://xmlns.oracle.com/oxp/service/PublicReportService'; however, you can modify this, if required.

User Name

The system defaults the BIP user name as 'Administrator'; however, you can modify this, if required.

Password

The system defaults the password for the above user name as 'Administrator'; however, you can modify this, if required.

Reports Spool Path

The system defaults the reports spool path as 'D:\'; however, you can modify this , if required.

Advice Type

Select the advice type from the adjoining drop-down list. You can select any of the following:

- NATIVE – This advice type is used for generating advices in text format
- BIP – This advice type is used for generating advices in PDF format.

BIP Server Version

The system defaults the qualified BIP server version as '10g'; however, you can modify this by selecting it from the adjoining drop-down list. You can select any of the following:

- 10g
- 11g

BIP Time Zone

The system defaults the time zone of the BIP server as 'IST'; however, you can modify this by selecting another time zone from the adjoining option list.

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

No.	Name	Value
1	Server	10.10.10.10
2	User id	OFSS
3	Password

19. Specify the Scheduler EMS FTP/FTPS details.

Server

Specify the server IP address for the selected file transfer mode.

User ID

Specify the user ID to access the server of the file transfer mode.

Password

Specify the password to for the above user ID.

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

No.	Name	Value
1	Login Service Address	http://10.10.10.10:1010/imaging/ws/LoginService
2	Document Service Ad...	http://10.10.10.10:1010/imaging/ws/DocumentServi...
3	Document Content Se...	http://10.10.10.10:1010/imaging/ws/DocumentCont...
4	IPM User Name
5	IPM Password
6	IPM Application Name	OFSS
7	Http Session Maintain	<input checked="" type="checkbox"/>

21. Specify the Oracle I/PM property values.

Login Service Address

The system defaults the endpoint address of the web service; however, you can modify this, if required. You need to specify the 'OracleIPM.WebService.EndpointAddress'.

Document Service Address

The system defaults the URL to which the Oracle IPM adapter uploads the documents; however, you can modify this, if required. You need to specify the 'OracleIPM11G.DocumentService.EndpointAddress'.

Document Content Service Address

The system defaults the URL to which the Oracle IPM adapter uploads the documents; however, you can modify this, if required. You need to specify the 'OracleIPM11G.DocumentContentService.EndpointAddress'.

IPM User Name

The system defaults the user name accessing Oracle IPM; however, you can modify this, if required. You need to specify the 'OracleIPM11G.Authentication.UserName'.

IPM Password

The system defaults the password for the above IPM user name; however, you can modify this, if required. You need to specify the 'OracleIPM11G.Authentication.Password'.

IPM Application Name

The system defaults the license that provides login rights to Oracle IPM; however, you can modify this, if required. You need to specify the 'OracleIPM11G.Application'.

HTTP Session Maintain

By default, this box is checked to indicate that the HTTP session to be maintained. (OracleIPM11G.MaintainSession)

Permanent Delete

This checkbox indicates whether a document must be permanently deleted or not (OracleIPM11G.PermanentDelete).

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

No.	Name	Value
1	Factory Initial	weblogic.jndi.WLInitialContextFactory
2	Provide Url	t3://localhost:7001
3	Security Principal	oc4jadmin
4	Security Credentials
5	Soa Server Name	default
6	Domain Password
7	Dedicated Connection	<input checked="" type="checkbox"/>
8	BPEL Relam Name	FLEXCUBE

23. Specify the following details:

Factory Initial

The system defaults the factory initial; however, you can modify this, if required.

Provide URL

The system defaults the URL of the server; however, you can modify this, if required. Specify the IP address, target server port (AdminServer/ManagedServer) and the context root.

Security Principal

The system defaults the user name to access the application server where BPEL is installed; however, you can modify this, if required.

Security Credentials

The system defaults the password for the above user name; however, you can modify this, if required.

Domain Name

The system defaults the domain name as 'default'; however, you can modify this, if required.

Domain Password

The system defaults the domain password for which SOA server is extended; however, you can modify this, if required.

Dedicated Connection

By default this box will be checked to indicate that this connection is not used for other purposes. If the dedicated connection is not required, then you can uncheck this box.

BPEL Relam Name

The system defaults the BPEL relam name; however, you can modify this, if required.

BAM URI

The system defaults the BAM URI; however, you can modify this, if required.

Workflow Client Type

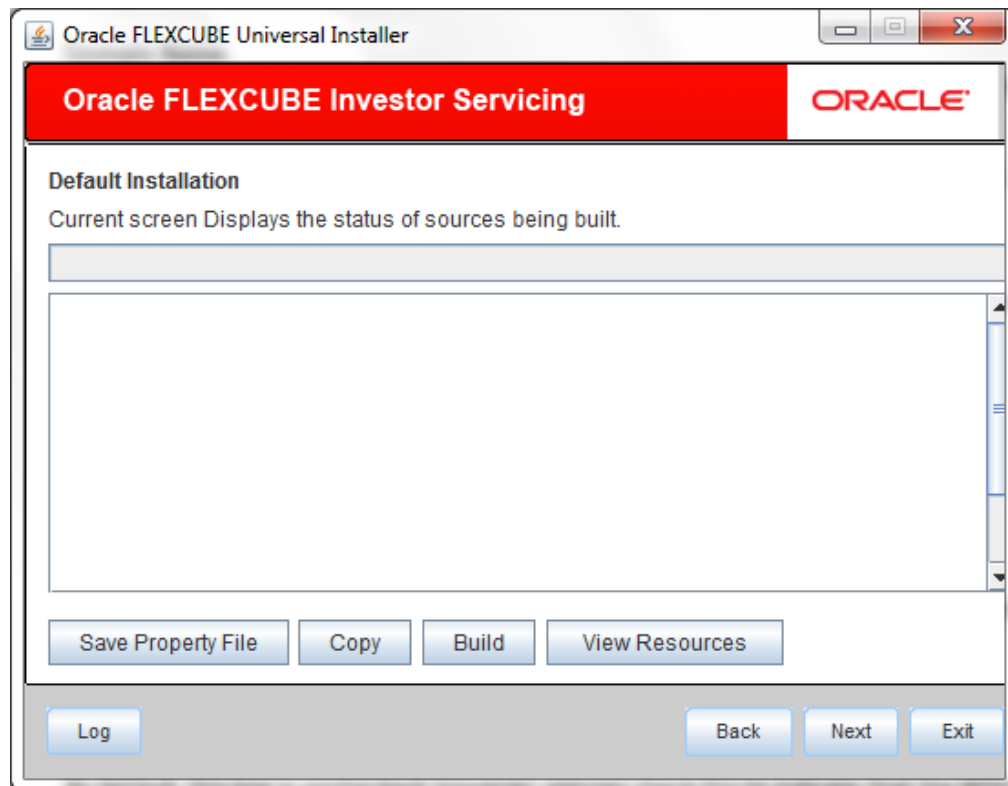
Select the type of the workflow from the adjoining drop-down list. Select one of the following:

- Remote
- Local

BPM Install

By default, this box is unchecked; however, you can check this to indicate that the BPM is installed.

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



25. Click 'Save Property File' button to save the property file.

The Property file is saved in the default 'temp' location. The location of the property file will be displayed.

26. Click 'Copy' button to copy the files from, source directory to the destination directory.

The copying status can be viewed in the screen.

27. Click 'Build' button to create EAR using Default Installation Installer.

The EAR file will be available in selected EAR file location.

Click 'View Resource' button to view the 'resource.properties'



Setting up Oracle FLEXCUBE Installer
[April] [2014]
Version 12.0.3.0.0

Oracle Financial Services Software Limited
Oracle Park
Off Western Express Highway
Goregaon (East)
Mumbai, Maharashtra 400 063
India

Worldwide Inquiries:
Phone: +91 22 6718 3000
Fax: +91 22 6718 3001
www.oracle.com/financialservices/

Copyright © [2007], [2014], Oracle and/or its affiliates. All rights reserved.

Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

U.S. GOVERNMENT END USERS: Oracle programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, delivered to U.S. Government end users are "commercial computer software" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, use, duplication, disclosure, modification, and adaptation of the programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, shall be subject to license terms and license restrictions applicable to the programs. No other rights are granted to the U.S. Government.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate failsafe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

This software or hardware and documentation may provide access to or information on content, products and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services.