Setting up Property File
Oracle FLEXCUBE Universal Banking
Version 12.0
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ORACLE

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1. Setting up Property File

1.1 Introduction

This document explains the method to create and modify property files for Oracle FLEXCUBE UBS Application.

1.2 Prerequisites for Oracle FLEXCUBE

Based on the Application and required plug-ins, you will require various components explained in the sections below.

1.2.1 Prerequisites for FCJ Application

Data Sources for JDBC Resources

You need to create the following data sources for JDBC resources:

Data Source	Example
Non XA data source for Oracle FLEXCUBE UBS Application	jdbc/fcjdevDS
XA data source in case Branch is included in the Application	jdbc/fcjdevDSBranch
Non XA data source in case ELCM is included as Hybrid	jdbc/fcjdevDSELCM

The prerequisites required for various plug-ins are explained under the following headings.

1.2.2 Prerequisites for Scheduler Plug-in

In case you are going to include scheduler in your property file, make sure that the following queues and connection factories are created in the application server you are going to use.

Data Sources for JDBC Resource

If you need to include Scheduler plug-in in the Application, you need to create the following data sources:

Data Source	Example
XA data source	jdbc/fcjSchedulerDS
XA data source	The name of this data source should be in the following format: 'Name of the data source created for Oracle FLEXCUBE UBS_XA' If you take the above example of data source for Oracle FLEXCUBE UBS, the data source name will be 'jdbc/fcjdevDS_XA'.

JMS Resources

You need the following FCUBS notification JMS resources:

Resource	Example
XA enabled connection factory	(ApplicationName)/NOTIFY_MDB_QCF
XA enabled connection factory	(ApplicationName)/NotifyDestQCF
XA enabled connection factory	(ApplicationName)/DefferedDestQCF
Queue name	(ApplicationName)/NOTIFY_QUEUE
Queue name	(ApplicationName)/NOTIFY_DEST_QUEUE
Queue name	(ApplicationName)/NOTIFY_QUEUE_DLQ
Queue name	(ApplicationName)/DEFFERED_DEST_QUEUE

You need the following EMS JMS resources:

Resource	Example
XA enabled connection factory	(ApplicationName)/EmsQcf
Queue name	(ApplicationName)/EMS_INQUEUE
Queue name	(ApplicationName)/EMS_OUTQUEUE
Queue name	(ApplicationName)/EMS_EXTQUUE

You need the following SFMS JMS resources:

Resource	Example
XA enabled connection factory	(ApplicationName)/ SFMSQCF
Queue name	(ApplicationName)/SFMS_INQUUE

You need the following RTGS JMS resources:

Resource	Example
XA enabled connection factory	(ApplicationName)/ RTGSQCF
Queue name	(ApplicationName)/RTGS_INQUEUE

You need the following ELCM notification JMS resources:

Resource	Example

Resource	Example
XA enabled connection factory	(ApplicationName)/EL_NOTIFY_QCF
Queue name	(ApplicationName)/EL_NOTIFY_REQ_Q
Queue name	(ApplicationName)/EL_NOTIFY_RES_Q
Queue name	(ApplicationName)/EL_NOTIFY_DLQ

You need the following ELCM Gateway MDB JMS resources:

Resource	Example
XA enabled connection factory	(ApplicationName)/ELMDBQCF
Queue name	(ApplicationName)/ELMDB _REQ_Q
Queue name	(ApplicationName)/ELMDB_RES_Q
Queue name	(ApplicationName)/ELMDB_DLQ

For details on creation of necessary resources, refer to the chapter 'Resource_Creation_WL.

The '(ApplicationName)' is not mandatory in all the cases. If the environment has only one application with scheduler, you may create the JMS resources with or without 'ApplicationName'.

E.g.: NOTIFY_MDB_QCF

However, if the environment has more than one application with scheduler, the JMS resource names must contain the 'ApplicationName' of the respective application.

E.g.: The environment has two applications, viz. FCJ1 and FCJ2. In that case, you need to create two sets of JMS resources as follows:

- Set of JMS resources with the 'ApplicationName' FCJ1 - FCJ1/NOTIFY_MDB_QCF
- Set of JMS resources with the 'ApplicationName' FCJ2 - FCJ2/NOTIFY_MDB_QCF

1.3 Prerequisites for Gateway Application

There are four gateway applications. The prerequisites for each are discussed under the following headings.

1.3.1 Prerequisites for Gateway EJB Application

You need to create the following data sources for JDBC resources:

Resource	Example
XA data source for Gateway EJB Application	FLEXTEST.WORLD and POSSTEST.WORLD

For details on creation of necessary resources, refer to the chapter 'Resource_Creation_WL.doc.

1.3.2 Prerequisites for Gateway MDB Application

You need the following JDBC resource:

Resource	Example
XA data source for Gateway EJB Application	FLEXTEST.WORLD and POSSTEST.WORLD

You need the following JMS resource:

Resource	Example
XA enabled Connection Factory	MDBQCF
Queue name	MDB_QUEUE
Queue name	MDB_QUEUE_RESPONSE
Queue name	MDB_QUEUE_DLQ

For details on creation of necessary resources, refer to the chapter 'Resource_Creation_WL.doc.

1.3.3 Prerequisites for Gateway HTTP Application

For Gateway HTTP Application, ensure that the EJB Application is already deployed.

1.3.4 Prerequisites Gateway Web Service Application

For Gateway Web Service Application, ensure that the EJB Application is already deployed.

2. Creating Property File for Oracle FLEXCUBE

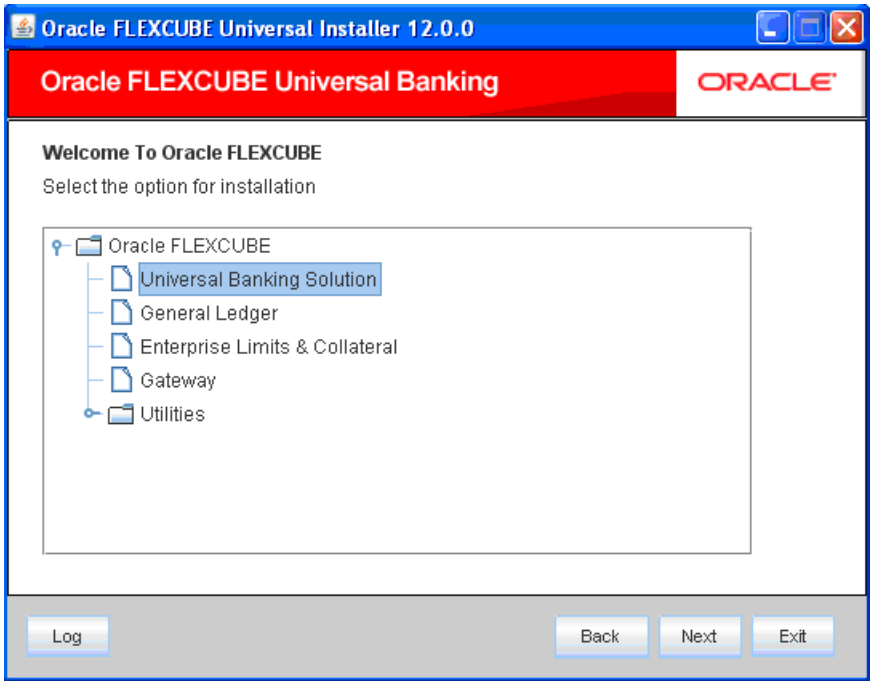
2.1 Introduction

This chapter explains the steps to create property files for Oracle FLEXCUBE UBS Application.

2.2 Creating Property File

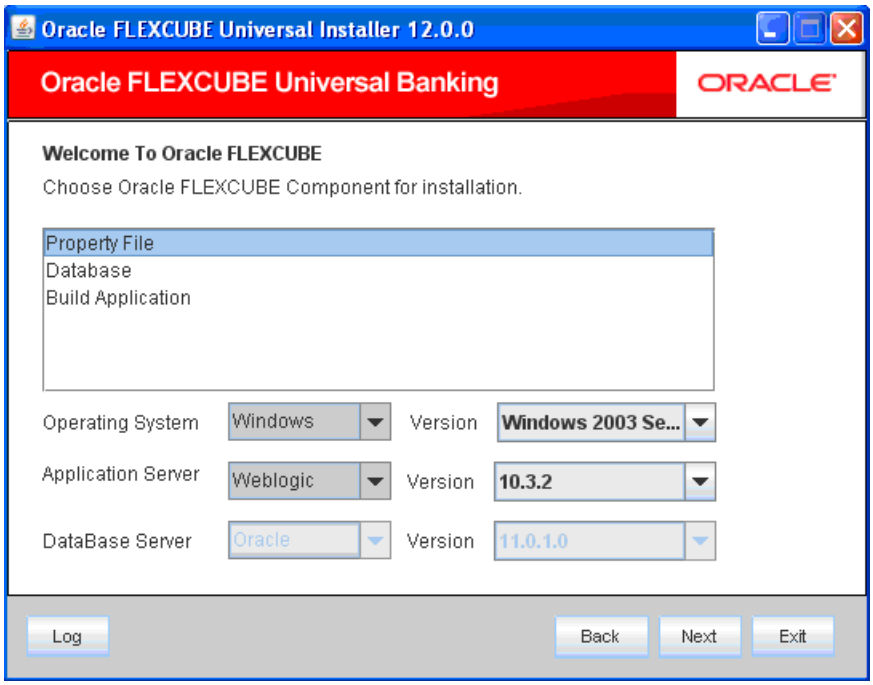
To create the property file for Oracle FLEXCUBE, follow the steps given below:

1. Launch Oracle FLEXCUBE Universal Banking Solution Installer.



2. Choose ‘Universal Banking Solution’. Click ‘Next’.

The following screen is displayed:



3. Choose the option ‘Property File’.
4. Specify the following details:

Operating System and Version

Specify the operating system in which you are creating the property file. Choose the appropriate one from the drop-down list. You also need to specify the version of the selected operating system.

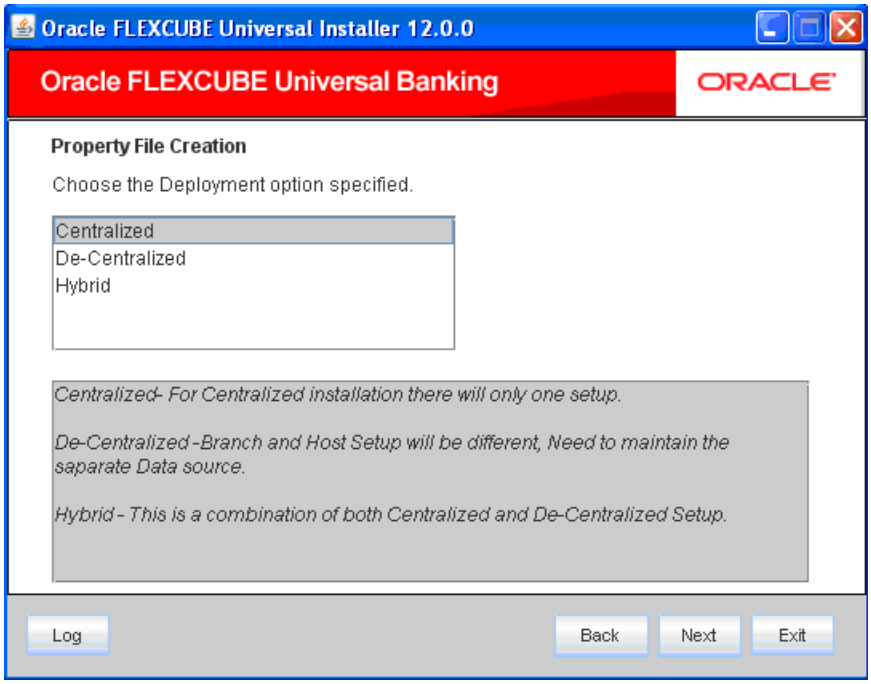
Application Server and Version

Specify the application server in which you are creating the property file. Choose the appropriate one from the drop-down list. You also need to specify the version of the selected application server.

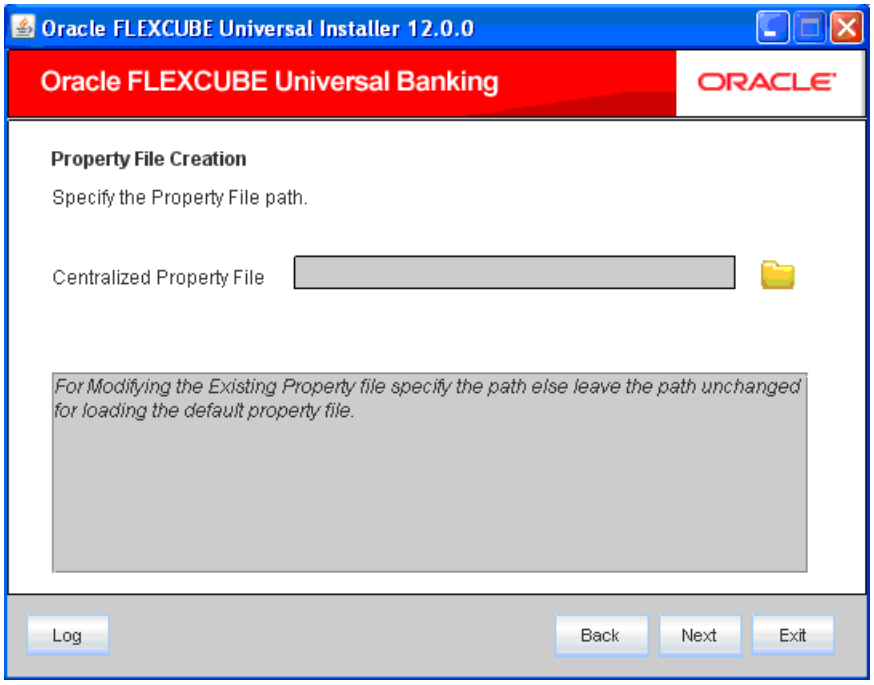
Database Server and Version

Specify the database server in which you are creating the property file. Choose the appropriate one from the drop-down list. You also need to specify the version of the selected database server.

5. Once you have specified the details, click ‘Next’ to continue. The following screen is displayed.



6. 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_name}.ear – This can be deployed as Decentralized Host Application
     - {Application_name}.war – This can be deployed as Decentralized Branch Application
   - **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_name}.ear - This can be deployed as Centralized Host Application
     - {Application_name}.war This can be deployed as Decentralized Branch Application
7. Click ‘Next’. Based one the application deployment type selected, one of the following screens is displayed.
8. In case of **centralized deployment**, the following screen is displayed.

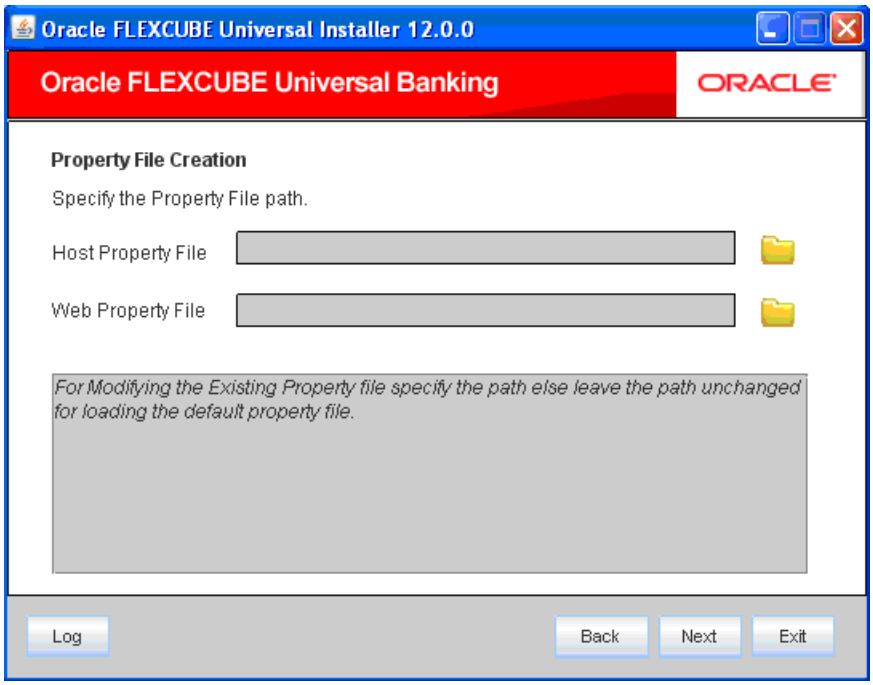


9. Specify the following details:

Centralized Property File

The property file needs to be built before the EAR file. If you are creating a new property file, leave the field blank. If you wish to modify an existing property file, you can manually specify the location of the property file.

10. In case of **decentralized deployment**, the following screen is displayed.



11. Specify the following details:

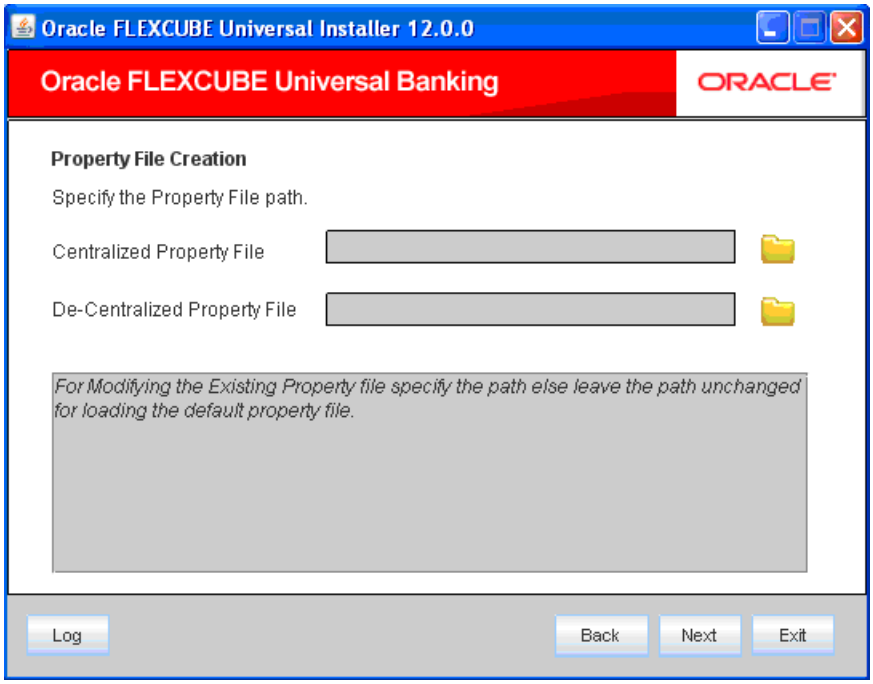
Host Property File

If you are creating a new property file, you can leave this field blank. However, if you wish to modify an existing property file, specify the location. You can use the directory button to browser and select the directory.

Web Property File

If you are creating a new property file, you can leave this field blank. However, if you wish to modify an existing property file, specify the location. You can use the directory button to browser and select the directory.

12. In case of **hybrid deployment**, the following screen is displayed.



13. Specify the following details:

Centralized Property File

If you are creating a new property file, you can leave this field blank. However, if you wish to modify an existing property file, specify the location. You can use the directory button to browser and select the directory.

Decentralized Property File

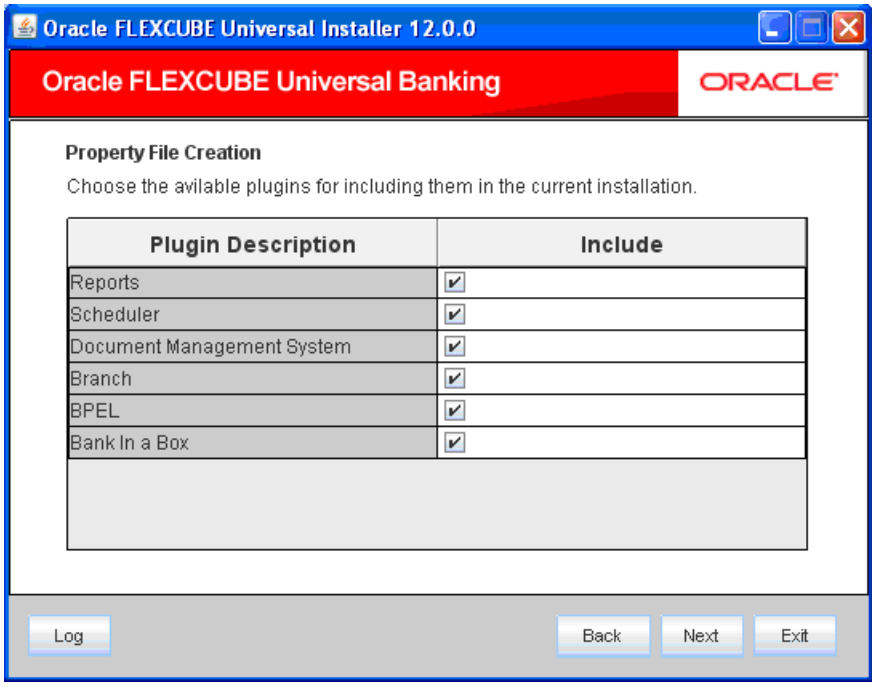
If you are creating a new property file, you can leave this field blank. However, if you wish to modify an existing property file, specify the location. You can use the directory button to browser and select the directory.

14. Click 'Next' to continue.

2.2.1 Setting Oracle FLEXCUBE UBS Plug-ins

This section describes the process of setting plug-ins.

1. You can select the plug-ins from the following screen.



2. You need to 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:
    - Common List properties
    - Reports
    - Scheduler
    - Document Management System
    - Branch
    - BPEL
    - Bank in a Box
    - ELCM

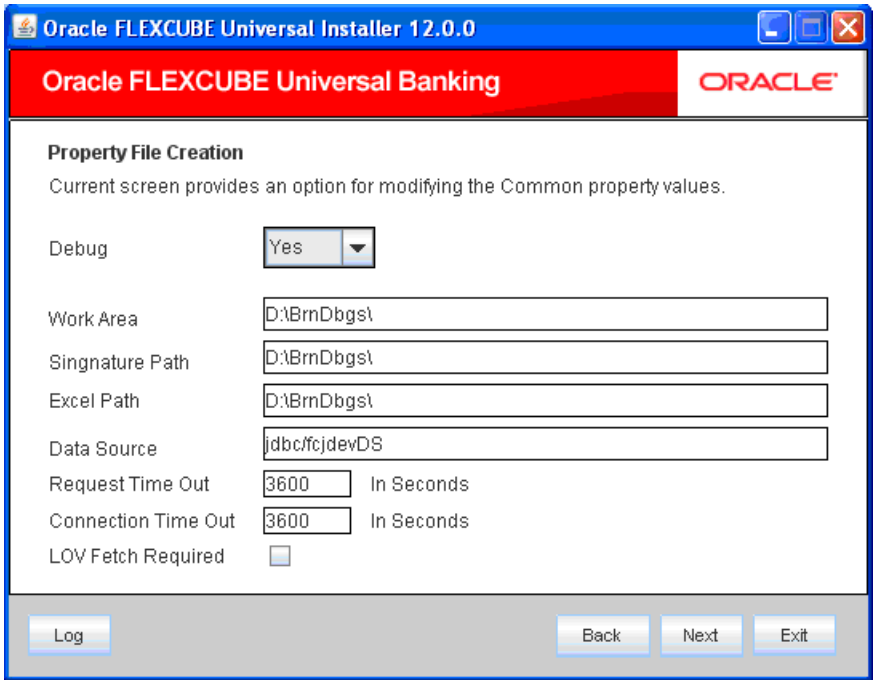
Note: If the deployment type is 'Decentralized', then you can have only 'Reports' as a plug-in. You cannot select the other plug-ins in decentralized deployment.

3. Once you have selected the plug-ins, click 'Next'. You will be navigated to the 'Common Properties' screen.

2.2.2 Setting Common Properties

This section describes the process of setting common properties of Oracle FLEXCUBE.

1. The installer displays the ‘Common Properties’ screen.



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

Debug

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

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.

Data Source

Specify the JNDI location. The standard format is ‘jdbc/fcjdevDS’.

Request Time Out

Specify the database request timeout value in seconds. This is the maximum number of seconds the database will wait for a query to return the result.

Connection Time Out

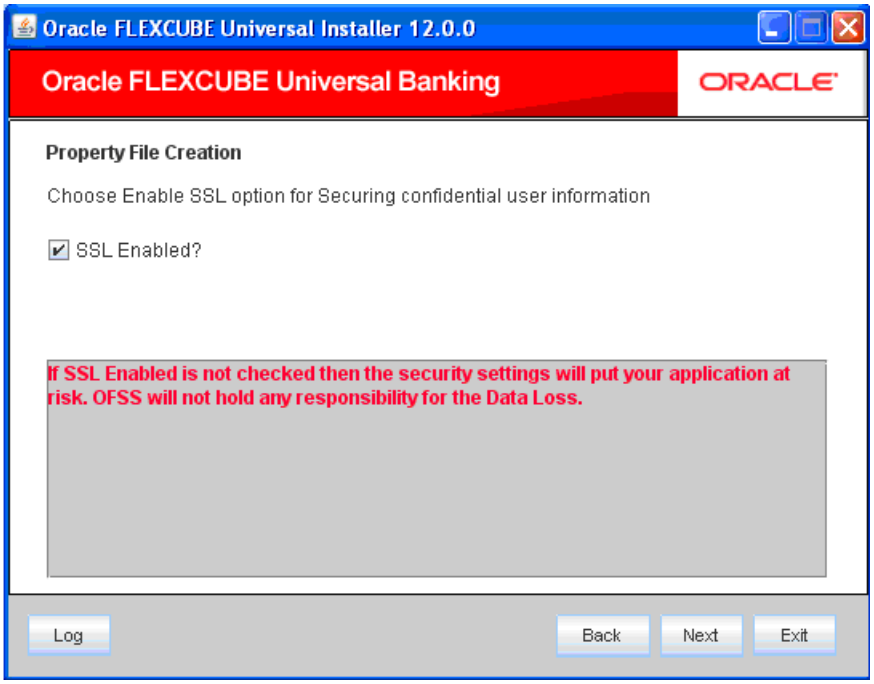
Specify the database connection timeout value in seconds. This is the maximum number of seconds the application will wait for a connection to the database to open.

LOV Fetch Required

If you check this box, the option lists in Oracle FLEXCUBE will display the matching values based on the first characters that you enter in a field. That is, if you specify the first three characters of a value to be entered in an option list and tab out, the system will display the complete list of values that are matching the first three characters.

If you do not check this, option lists will not show the matching values based on the first few characters. You need to specify the complete value against the field.

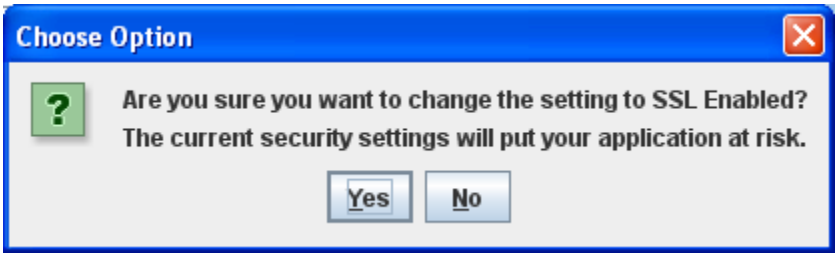
3. Click 'Next'. The following screen is displayed.



4. Specify the following details.

SSL Enabled

Indicate whether SSL is enabled or not. If SSL is required, choose 'Yes'. If SSL is not enabled, the Installer will pop-up a window.



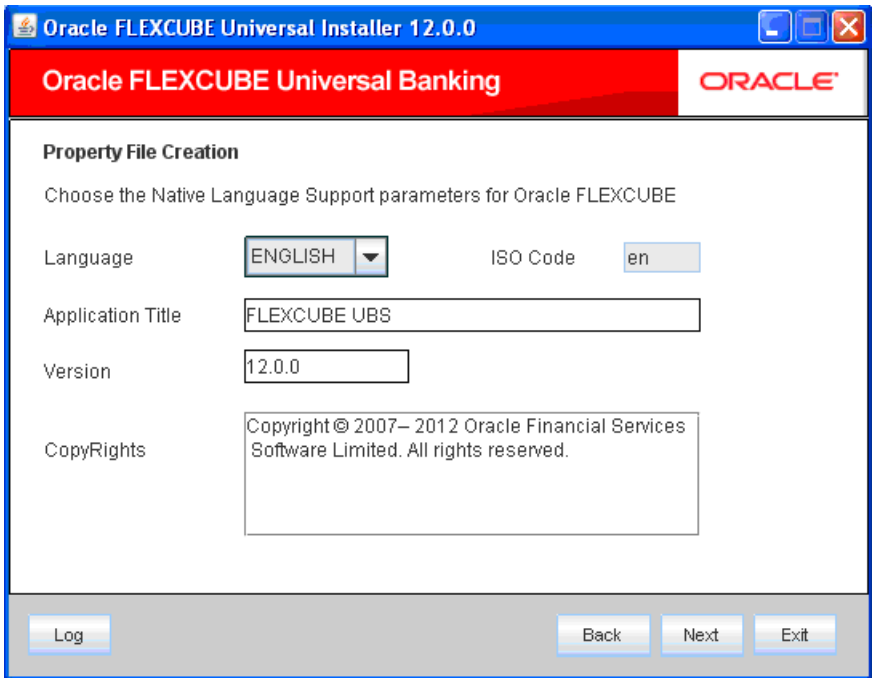
However, it is recommended that you enable SSL.

5. Click 'Next'. You will be navigated to the next screen.

2.2.3 Setting Language Properties

This section describes the process of setting language packs of Oracle FLEXCUBE.

1. The system displays the following screen.



2. Specify the following details.

Language

Specify the language in which you wish to see Oracle FLEXCUBE. English is the default language. However, based on the requirement, you can set a different language. Choose the appropriate one from the drop-down list.

Based on the language selected, the installer displays the ISO code.

Application Title

Specify the application title.

E.g.: FLEXCUBE UBS

Version

Specify the application version.

E.g.: 12.0.0

Copy Rights

Specify the copyright details.

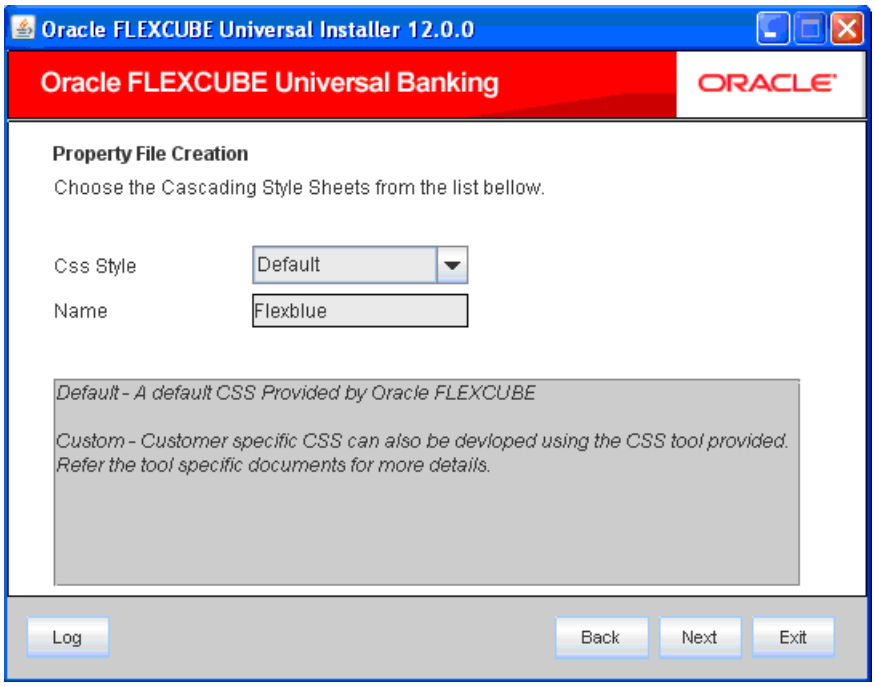
E.g.: Copyright@2007-2012 Oracle Financial Software Services Limited. All rights reserved.

3. Once you have specified the details, click ‘Next’. You will be navigated to the CSS setting screen.

2.2.4 Setting CSS Style

This section describes the process of setting CSS style.

1. The following screen is displayed.



2. Specify the following details:

CSS Style

Specify the CSS style to be used. You can choose one of the following CSS styles:

- Default – choose this to apply the default style provided along with Oracle FLEXCUBE
- Custom – choose this to apply a custom style

Name

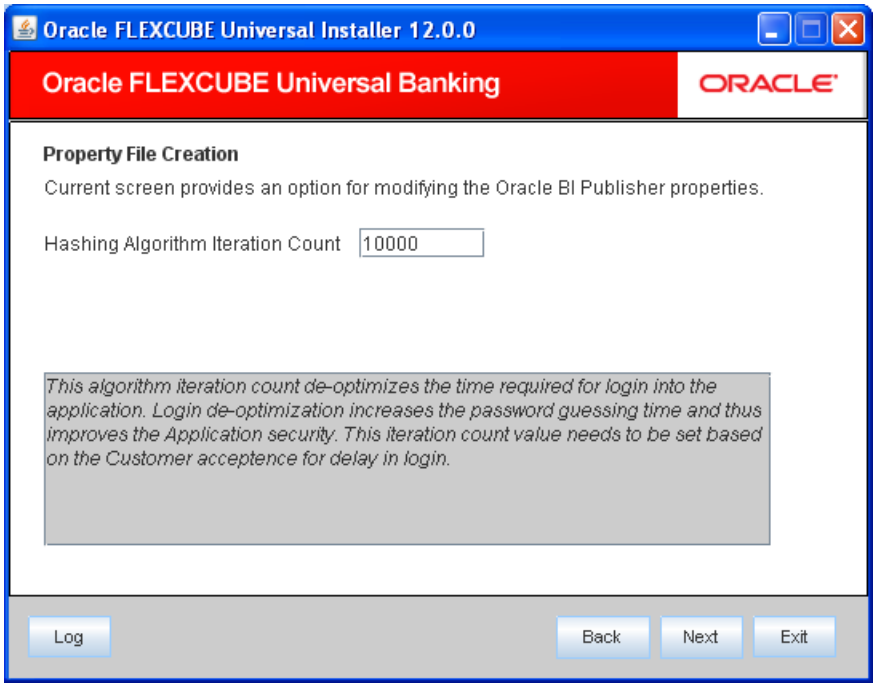
Specify the name of the CSS style.

3. Once you have specified the above details, click 'Next'. You will be navigated to the Hashing Algorithm Count Settings screen.

2.2.5 Setting Hashing Algorithm Iteration Count

This section describes the method of setting hashing algorithm iteration count.

1. The following screen is displayed.



2. Specify the following details:

Hashing Algorithm Iteration Count

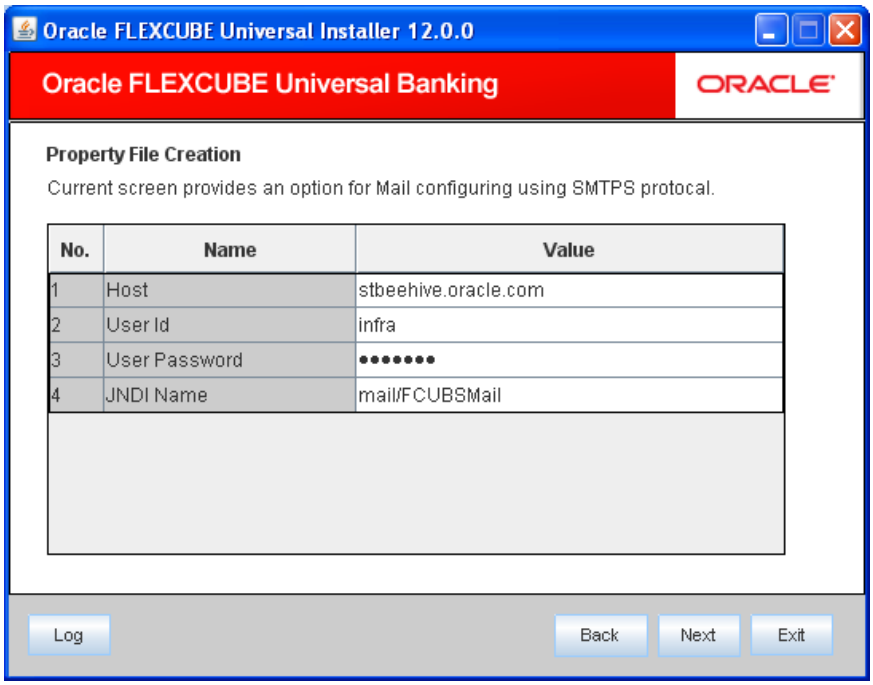
Specify the hashing algorithm iteration count. This count implies the time required for logging into the application. An increase in this count increases the login time.

3. Once you have specified the details, click ‘Next’.

2.2.6 Setting Email Details

This section describes the method to configure email details.

1. The following screen is displayed.



2. Specify the following details.

Host

Specify the SMTP host name.

User ID

Specify the user ID.

User Password

Specify the user password.

JNDI Name

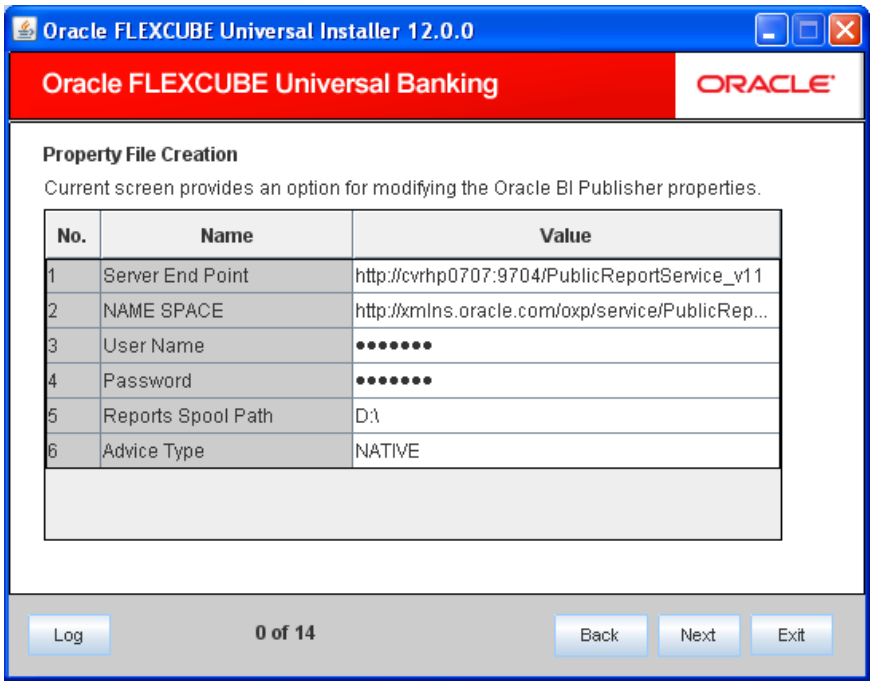
Specify the JNDI name.

3. Once you have specified the above details, click ‘Next’.

2.2.7 Setting Report Properties

This section describes the methods to set report properties.

1. The following screen is displayed.



2. Specify the following details:

End Point

Specify the BIP end point.

The default value is 'http://cvrhp0707:9704/xmlpserver/services/PublicReportService_v11'. However, you need to change the URL based on the IP and port where BIP Application is installed.

Name Space

Specify the BIP name space.

By default, the installer displays 'http://xmlns.oracle.com/oxp/service/PublicReportService'.

User Name

Specify the BIP user name. By default, the Installer displays 'Administrator'.

Password

Specify the password for the above user name. By default, the Installer sets it as 'Administrator'.

Reports Spool Path

Specify the reports spool path. By default, the Installer displays 'D:\\BrnDbgs\\ADV\\'.

Advice Type

Specify the advice type. You can choose one of the following:

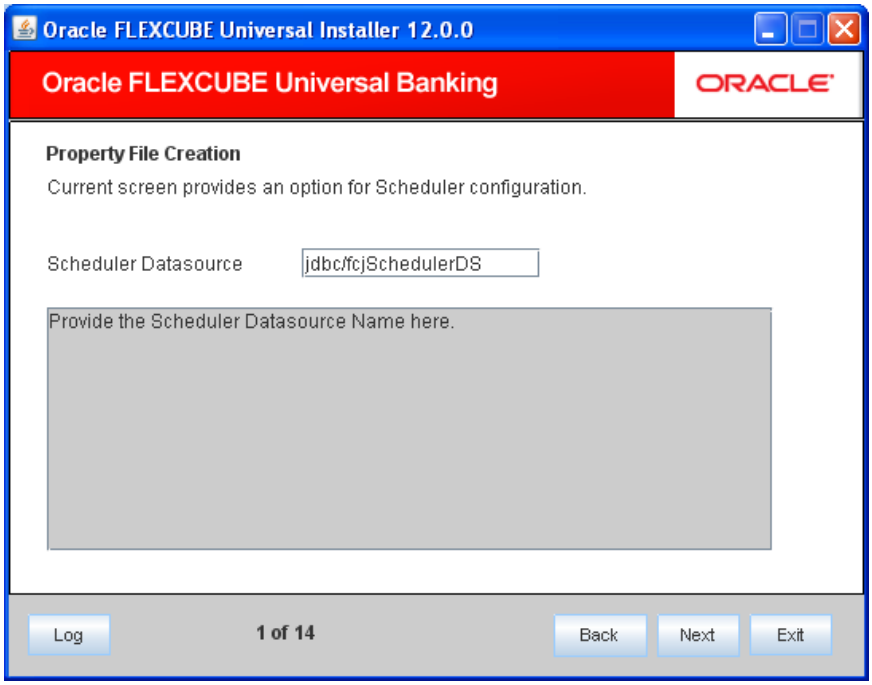
- NATIVE – This advice type is used for generating advices from Excel
- BIP – This advice type is used for generating advices from Reports.

3. Once you have specified the above details, click 'Next'.

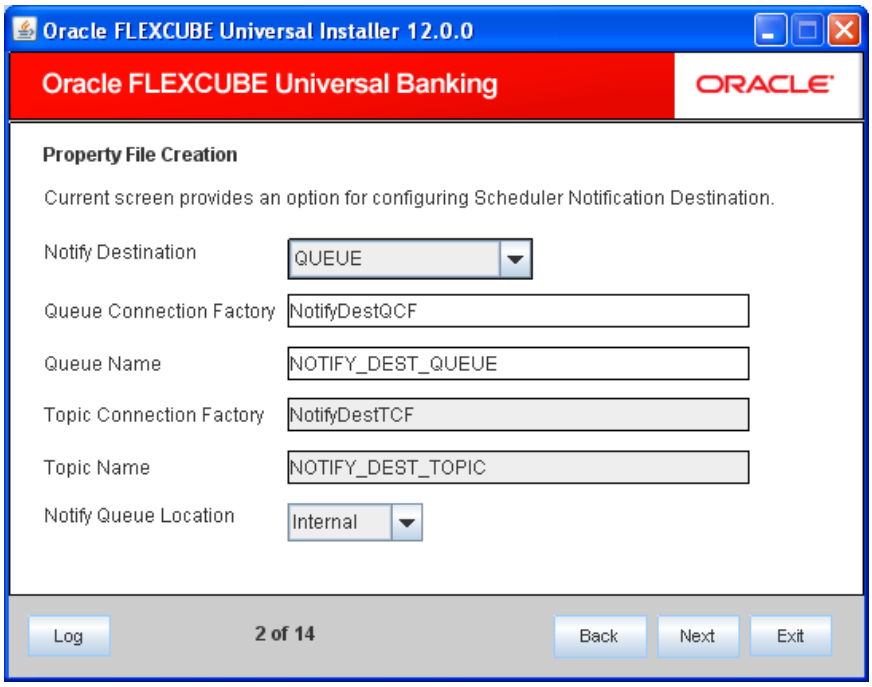
2.2.8 Configuring Scheduler

This section describes the method to configure scheduler data source.

1. The following screen is displayed.



2. Specify the Scheduler Datasource which Oracle FLEXCUBE will access.
3. Click 'Next'. The following screen is displayed.



4. Specify the following details:

Notify Destination

Specify the notify destination. Choose one of the following options:

- QUEUE
- TOPIC

Queue Connection Factory

Set ‘NotifyDestQCF’ as the destination connection factory.

Queue Name

Set ‘NOTIFY_DEST_QUEUE’ as the destination queue name.

Topic Connection Factory

Set ‘NotifyDestTCF’ as the destination connection factory.

Topic Name

Set ‘NOTIFY_DEST_QUEUE’ as the destination queue name.

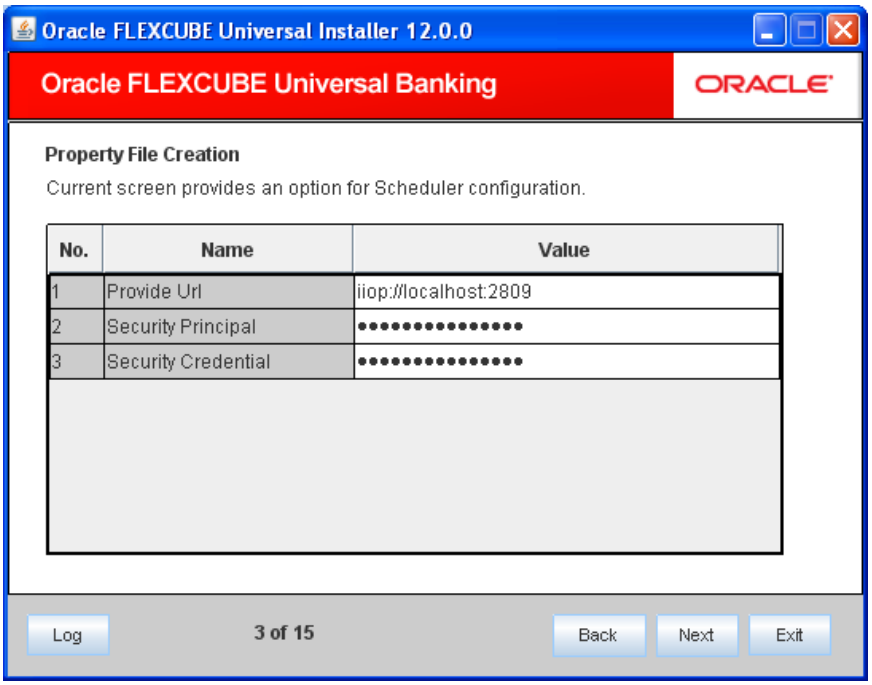
Notify Queue Location

Specify the notify queue location. Choose one of the following options:

- Internal
- External

Note: For Oracle WebLogic application server, the notify queue location should be selected as ‘Internal’.

If you choose ‘**External**’, you will be navigated to the following screen. Here you can specify the external queue details.



You need to specify the following details of the external queue.

Provider URL

Specify the provide URL (iiop://localhost:2809).

2809 is the default IIOP port.

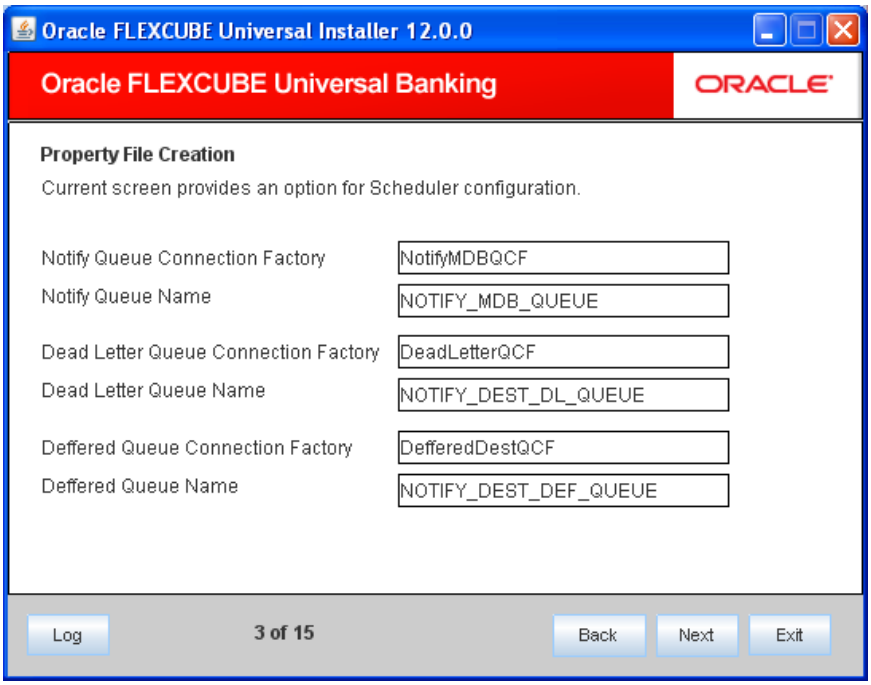
Security Principal

Specify the login ID to access the application server.

Security Credentials

Specify the password to access the application server.

If you choose '**Internal**', you will be navigated to the following screen. Here you can specify the external queue details.



Specify the following details:

Notify Queue Connection Factory

Set ‘NOTIFY_MDB_QCF’ as the notify connection factory.

Notify Queue Name

Set ‘NOTIFY_QUEUE’ as the notify queue name.

DeadLetter Queue Connection Factory

Set ‘NOTIFY_MDB_QCF’ as the DeadLetter connection factory.

DeadLetter Queue Name

Set ‘NOTIFY_QUEUE_DLQ’ as the DeadLetter queue name.

Deffered Queue Connection Factory

Set ‘DefferedDestQCF’ as the deffered connection factory.

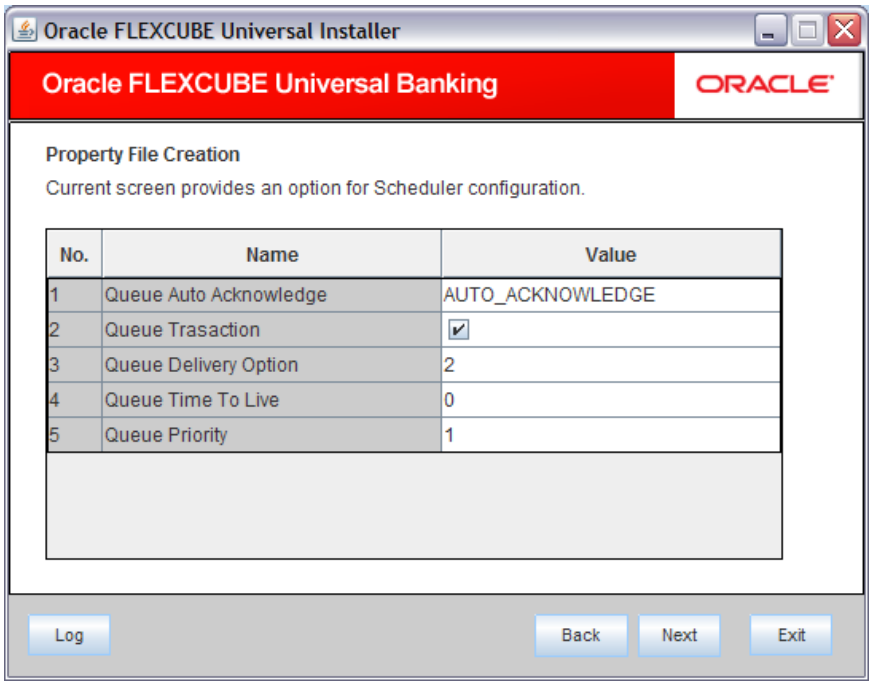
Deffered Queue Name

Set ‘DEFFERED_DEST_QUEUE’ as the deffered queue name.

Note: The values provided here should be the same as the values provided while creating resources for Oracle WebLogic/IBM WebSphere.

For further details, refer to the chapters ‘Resource Creation for Oracle WebLogic’ and ‘Resource Creation for IBM WebSphere’.

5. Once you have captured the details, click ‘Next’.



6. Specify the following details:
   - Queue Auto Acknowledge
   - Queue Transaction
   - Queue Delivery Option
   - Queue Time to Live
   - Queue Priority

Note: For IBM WebSphere application server, you need to specify the following additional details.

Scheduler EJB Lookup Type

Set this to 'LOCAL' if you deploy the Application on IBM WebSphere application server. In case of you deploy the Application on other application servers, set this to 'REMOTE'.

When the scheduler EJB lookup type is set to 'LOCAL', it is mandatory to set the following properties.

Initial Context Factory

Specify the initial context factory (com.ibm.websphere.naming.WsnInitialContextFactory).

Provider URL

Specify the provide URL (iiop://localhost:2809).

2809 is the default IIOP port.

Security Principal

Specify the login ID to access the application server.

Security Credentials

Specify the password to access the application server.

Scheduler EJB JNDI Name

This is defaulted to 'ejb/SchedulerEJBHome'. You will have to provide the JNDI name of the scheduler EJB while deploying the application.

Note: Ensure that the properties set here match the properties set during JMS Destination and JMS Connection Factories.

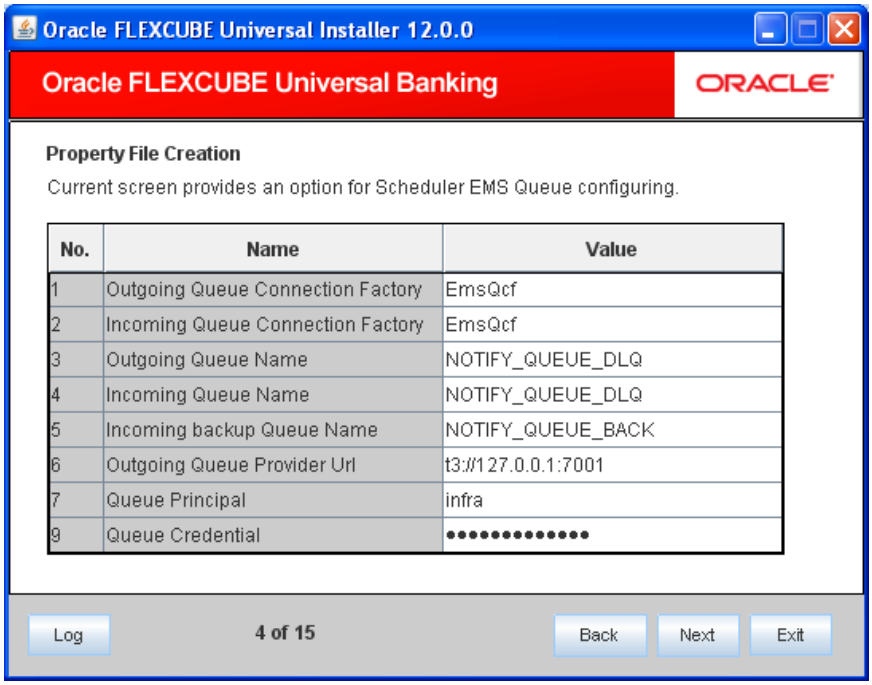
For further details on creating JMS destination and connection factories, refer to the chapter 'Resource_Creation_WL.doc'.

7. Once you have set the above properties, click 'Next'.

2.2.9 Setting EMS Properties

You will be navigated to the 'Scheduler EMS Properties' screen. Here, you need to set the EMS details.

1. Set the EMS properties:



2. Specify the following details:

OutGoing Connection Factory

Specify the name of the outgoing connection factory to which EMS listens. You need to create this connection factory at the application server.

For details on connection factory creation, follow the steps described for creation of notify connection factories.

Incoming Connection Factory

Specify the name of the incoming connection factory to which EMS listens. You need to create this connection factory at the application server.

For details on connection factory creation, follow the steps described for creation of notify connection factories.

Outgoing Queue Name

Specify the name of the outgoing queue for which EMS is configured. By default, this is set as 'NOTIFY_QUEUE_DLQ'.

Incoming Queue Name

Specify the name of the incoming queue for which EMS is configured. By default, this is set as 'NOTIFY_QUEUE_DLQ'.

Incoming Backup Queue Name

Specify the name of the incoming backup queue for which EMS is configured.

Outgoing Queue Provider URL

In case EMS OUT MDB is to be configured to queue, you need to specify the URL for outgoing provider based on the application server. By default, the Installer displays the outgoing queue provider URL for Oracle WebLogic.

This value is application server dependent.

The details of Outgoing Queue Provider URL to be used for different application servers are given below:

Application Server	EMS Out Initial Context Factory
Oracle WebLogic	t3://<ip_adress>:port E.g.: t3://127.0.0.1:7001 Here, 127.0.0.1 represents the local host and 7001 to the target server default port (AdminServer/ManagedServer).
IBM WebSphere	iiop://<ip_adress>:port E.g.: iiop://127.0.0.1:2809 Here, 2809 represents the default iiop port

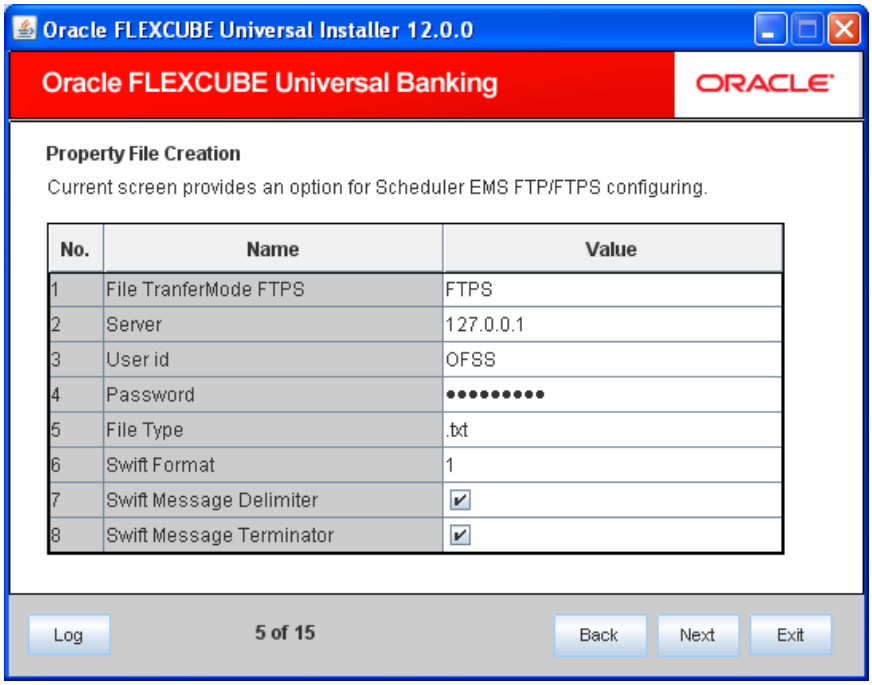
Queue Principal

If EMS OUT MDB has to be configured to queue, you need to specify the EMS out queue principal. This is the user name for the application server in which the queue is configured.

Queue Credential

If EMS OUT MDB has to be configured to queue, you need to specify the EMS out queue credential. This is the password for the above user name created for application server in which the queue configured.

3. Once you have specified the above details, click ‘Next’.



4. Specify the following details:

File Transfer Mode FTPS

Specify the mode of transferring files to EMS. Choose one of the following:

- FTPS
- SFTP
- HTTP

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.

File Type

Specify the type of file that is transferred. By default, the Installer sets it as ‘.txt’.

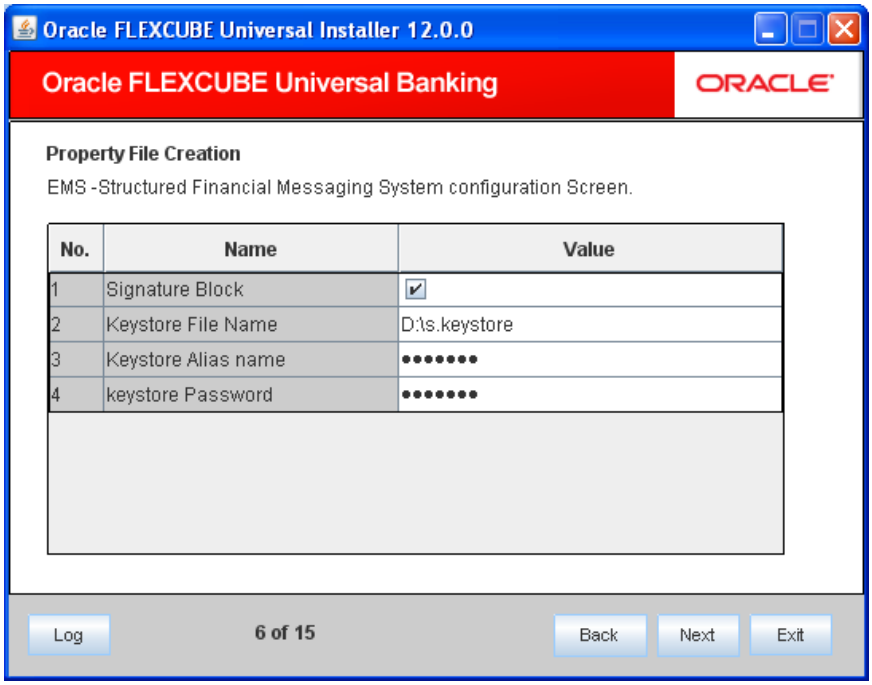
SWIFT Message Delimiter

Specify the character which is used as the message delimiter.

SWIFT Message Terminator

Specify the character which is used as the message terminator.

5. Once you have specified the above details, click ‘Next’. The following screen is displayed.



6. Specify the following details:

Signature Block

Check this box to enable signature block.

Keystore File Name

Specify the keystore file name.

Keystore Alias Name

Specify the keystore alias name.

Keystore Password

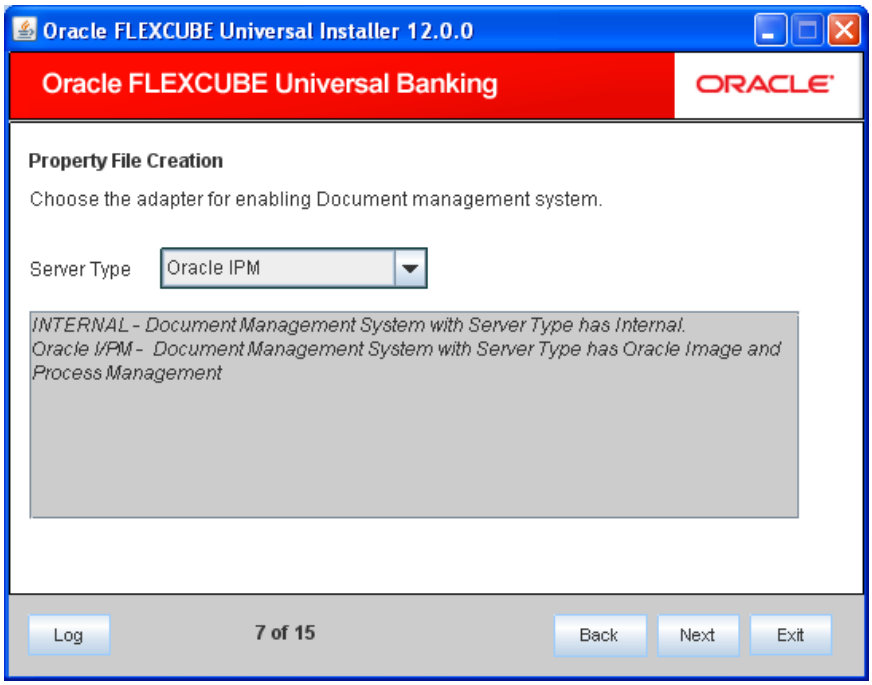
Specify the keystore password.

7. Once you have specified the above details, click ‘Next’.

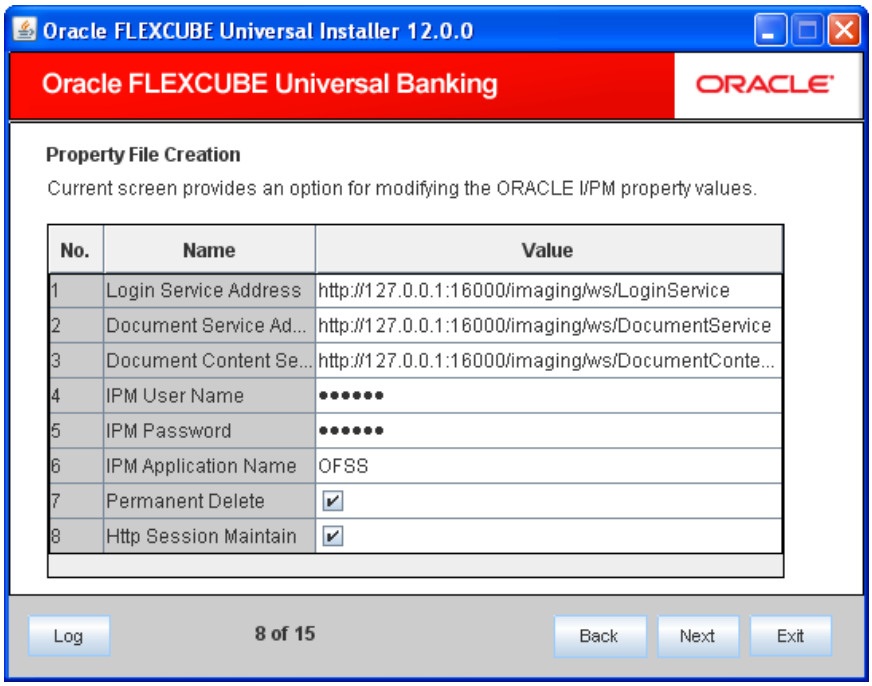
2.2.10 Setting Oracle IPM Adapter Properties

In case you have included DMS in the installation, you need to set the Oracle IPM adapter properties. Navigate to ‘Oracle IPM DMS Properties’ screen.

1. Set the server type in the following screen.



2. Choose ‘Oracle IPM’ as the server type.
3. Click ‘Next, the following screen is displayed.



4. Specify the following details:

Login Service Address

This is the endpoint address of the web service (OracleIPM.WebService.EndpointAddress).

Document Service Address

This is the URL to which the Oracle IPM adapter uploads the documents (OracleIPM11G.DocumentService.EndpointAddress).

Document Content Service Address

This is the URL to which the Oracle IPM adapter uploads the documents (OracleIPM11G.DocumentConetntService.EndpointAddress).

IPM User Name

This is the user name accessing Oracle IPM (OracleIPM11G.Authentication.UserName).

IPM Password

This is the password for the above IPM user name (OracleIPM11G.Authentication.Password).

IPM Application Name

This indicates the license that provides login rights to Oracle IPM (OracleIPM11G.Application).

HTTP Session Maintain

This checkbox indicates whether HTTP session to be maintained or not (OracleIPM11G.MaintainSession).

Permanent Delete

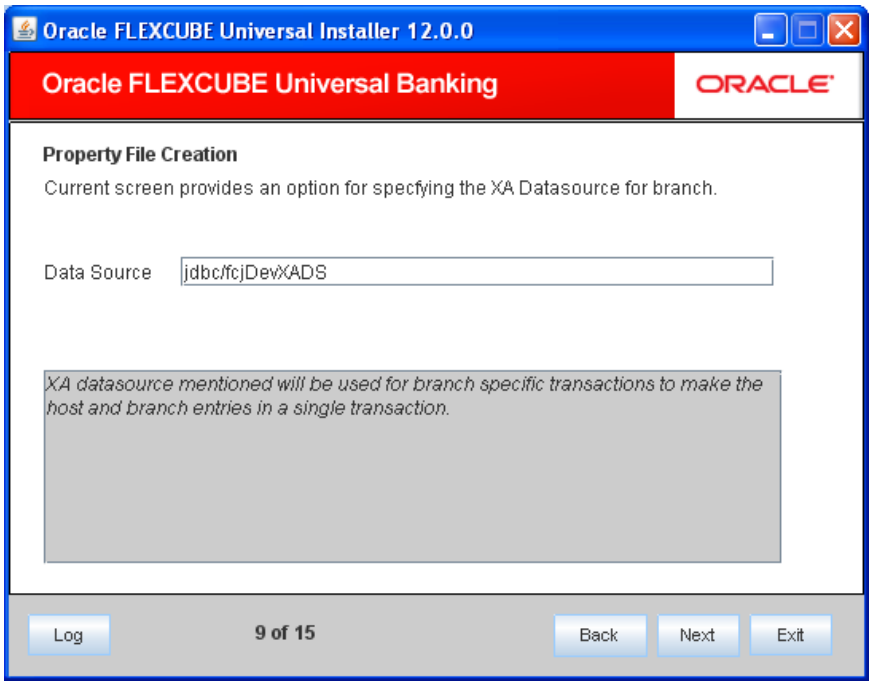
This checkbox indicates whether a document must be permanently deleted or not (OracleIPM11G.PermanentDelete).

5. Once you have specified the above details, click 'Next'.

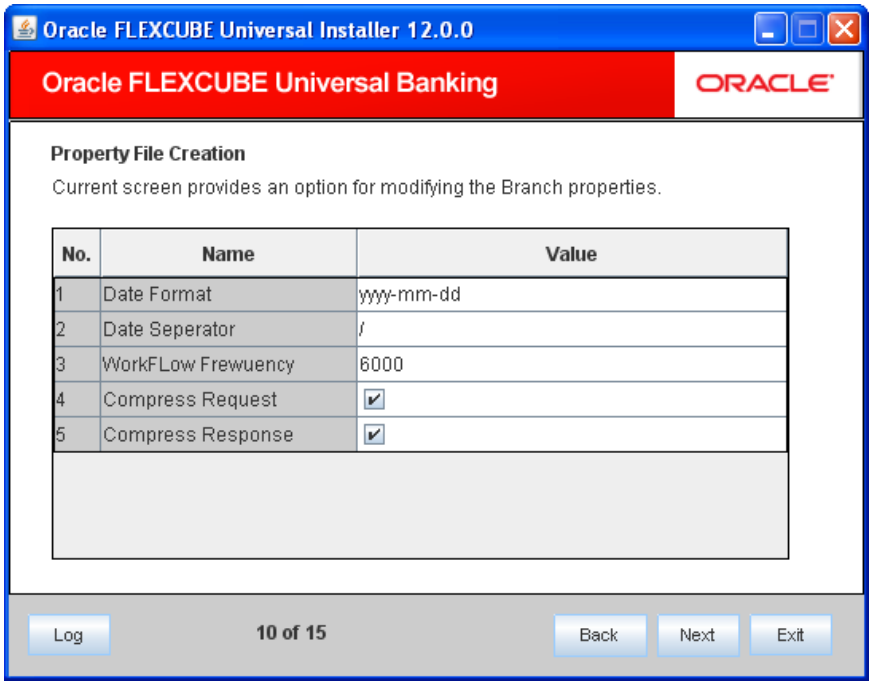
2.2.11 Setting Branch Properties

This section describes the branch properties setup.

1. The following screen is displayed.



2. Specify the XA datasource for branch.
3. Click ‘Next’. The following screen is displayed.



4. Specify the following details:

Date Format

Specify the format in which the date should be displayed.

Date Separator

Specify the date separator symbol. This symbol will be used to separate date, month and year.

Workflow Frequency

Specify the workflow frequency.

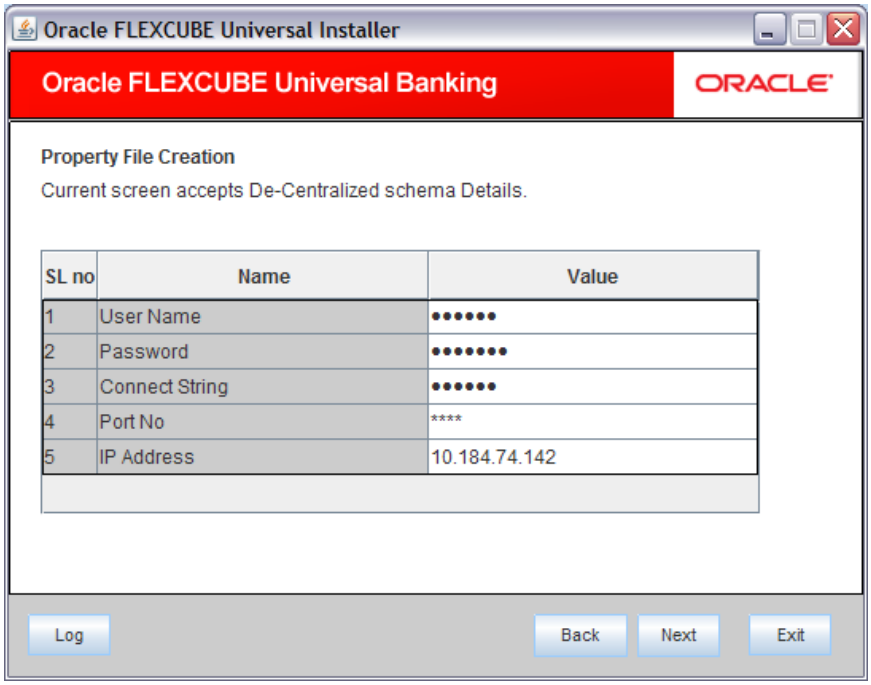
Compress Request

Check this box to compress request.

Compress Response

Check this box to compress responses.

5. Once you have specified these details, click ‘Next’.
6. In case you are deploying the application in Decentralized mode, the installer will display the following screen.



7. Specify the following details:

User Name

Specify the branch schema user name.

Password

Specify the password to access the branch schema.

Connect String

Specify the connect string.

Port No

Specify the database server port of the branch schema.

IP Address

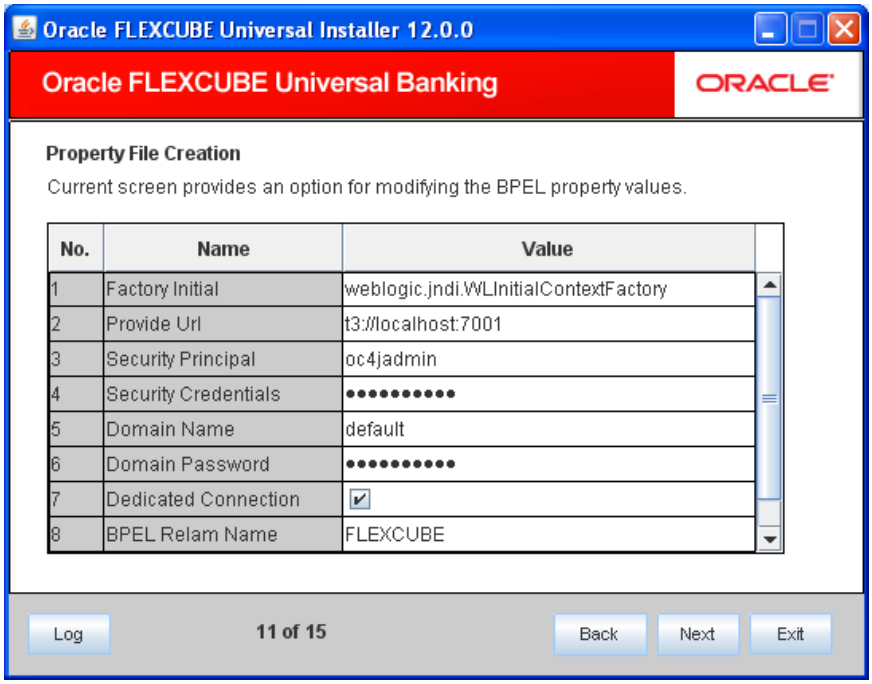
Specify the database server IP address of the branch schema.

8. Once you have specified the above details, click ‘Next’.

2.2.12 Setting BPEL Properties

If you have included BPEL option in the setup, then you need to set the BPEL properties.

1. Set the BPEL properties.



2. Specify the following details:

Factory Initial

Specify the factory initial.

Provider URL

Specify the URL of the server. Enter the IP address, target server port (AdminServer/ManagedServer) and the context root.

Security Principal

Specify the user name to access the application server where BPEL is installed.

Security Credential

Specify the password for the above user name.

Domain Name

Specify the domain name. By default it will be the Installer sets it to ‘default’.

Domain Password

Specify the domain password for which SOA server is extended

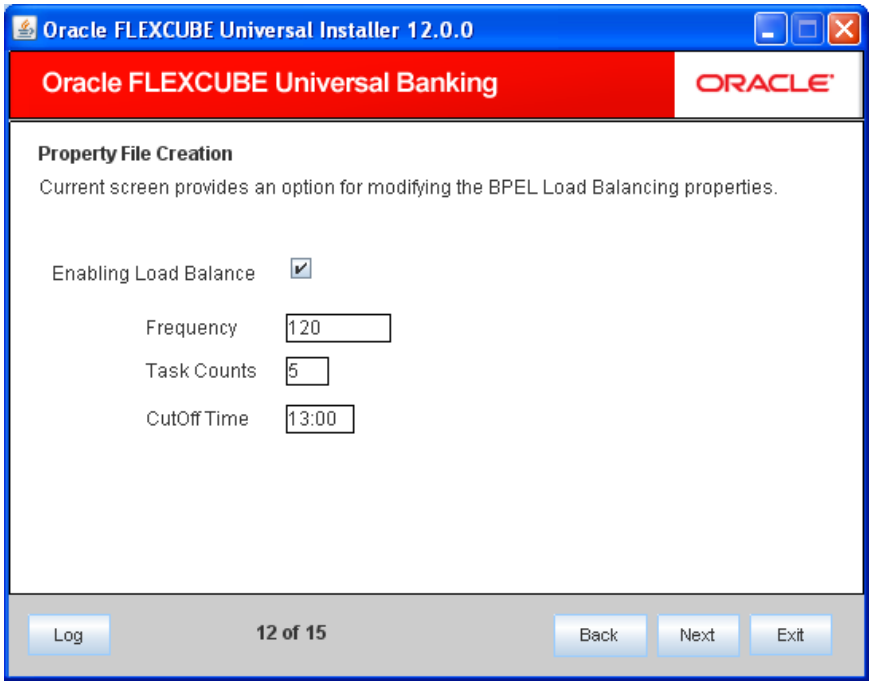
Dedicated Connection

Check this box to indicate that this connection is not used for other purposes.

BPEL Realm Name

Specify the BPEL realm name.

3. Once you have set the above details, click ‘Next’. The following screen is displayed.



4. Specify the following details:

Enabling Load Balance

Check this box to enable BPEL load balance.

Frequency

Specify the balance load frequency.

Task Counts

Specify the balance load task count.

Cut-off Time

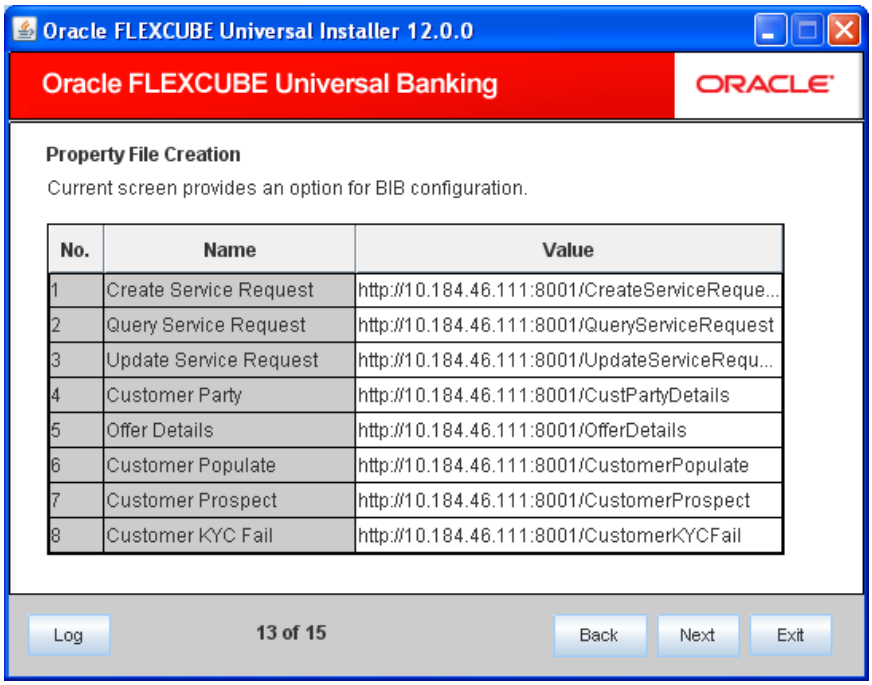
Specify the balance load cut-off time.

5. Once you have specified the above details, click ‘Next’.

2.2.13 Setting BIB Properties

If you have selected Bank in a Box (BIB) plug-in, you need to set the BIB properties.

1. Set the BIB properties.



2. Specify the following details related to Bank in a Box (Siebel CRM integration).

Create Service Request

Specify the URL of the create service request web service.

E.g.: http://10.184.46.111:8001/CreateServiceRequest

Query Service Request

Specify the URL of the query service request web service.

E.g.: http://10.184.46.111:8001/QueryServiceRequest

Update Service Request

Specify the URL of the update service request web service.

E.g.: http://10.184.46.111:8001/UpdateServiceRequest

Customer Party

Specify the URL of the customer party details web service.

E.g.: http://10.184.46.111:8001/CustPartyDetails

Offer Details

Specify the URL of the offer details web service.

E.g.: http://10.184.46.111:8001/OfferDetails

Customer Populate

Specify the URL of the customer populate web service.

E.g.: http://10.184.46.111:8001/CustomerPopulate

Customer Prospect

Specify the URL of the customer prospect web service.

E.g.: http://10.184.46.111:8001/CustomerProspect

Customer KYCFail

Provide the URL of the Customer KYCFail Web Service.

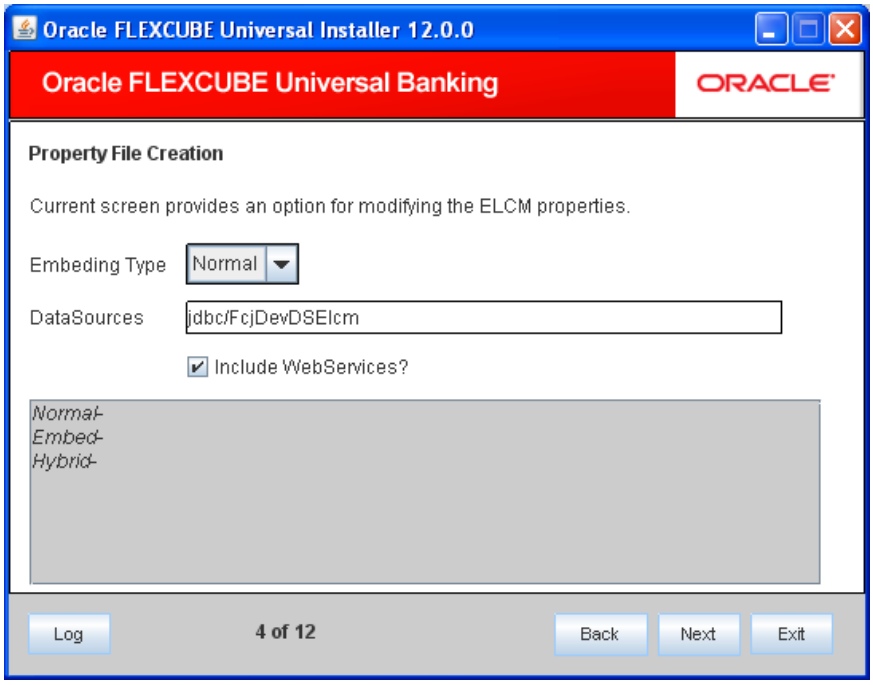
E.g.: http://10.184.46.111:8001/CustomerKYCFail

3. Once you have set the above details, click 'Next'.

2.2.14 Setting ELCM Properties

This section describes the ELCM properties setup.

1. If you are deploying the application in hybrid mode, the following screen is displayed.



2. Specify the following details.

Embedding Type

Specify the embedding type. Choose one of the following:

- Normal
- Embed
- Hybrid

Data Sources

Specify the ELCM data source. The standard format is 'jdbc/fcjdevDS'. Notice that the ELCM data source is always the same as the 'Datasource JNDI'.

Include WebServices?

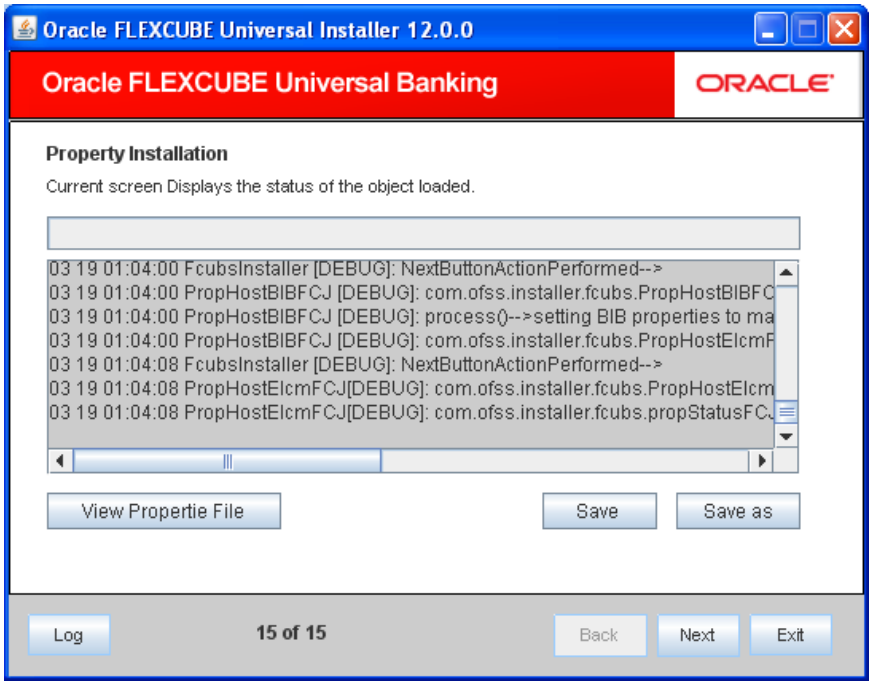
Check this box to include ELCM web services during property file setup.

3. Once you have specified the above details, click 'Next'.

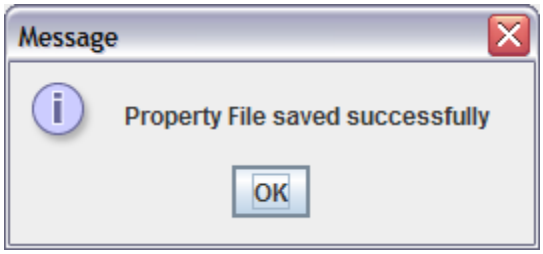
2.2.15 Saving Property File

After completing all the required settings explained above, you need to save the property file.

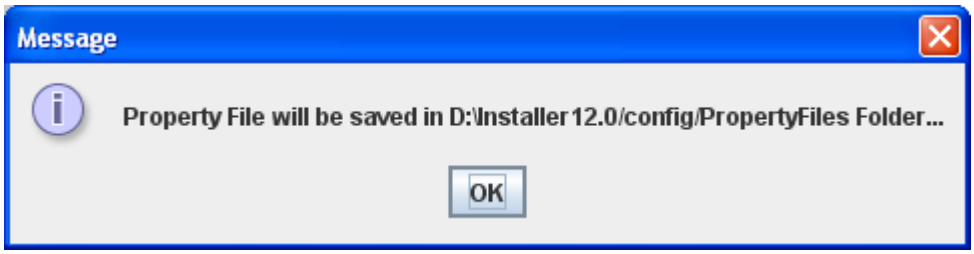
1. Save the property file.



2. You can view the status of property file creation in the above screen. Once the file is saved, the installer displays the following message.



3. If you do not use the ‘Save’ or Save As’ buttons, the installer will save the properties file in ‘<InstallerSources>\config\PropertyFiles’ folder. In that case, you will see the message below.



4. This completes the properties file creation.

3. Creating Property File for FGL Application

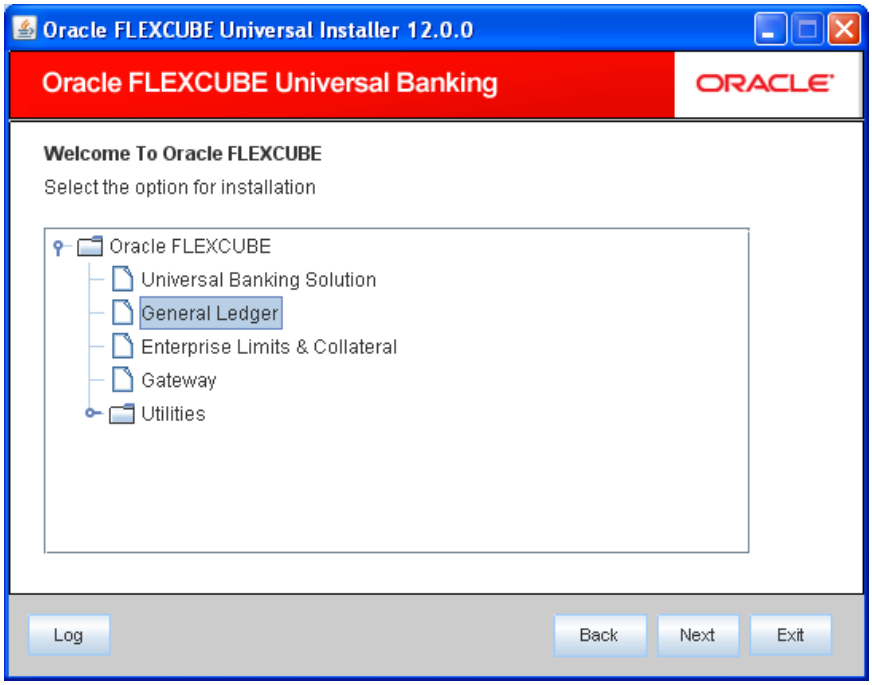
3.1 Introduction

This chapter explains the methods to create property files for Oracle FGL Application. This also contains the properties for various plug-ins.

3.2 Creating Property File

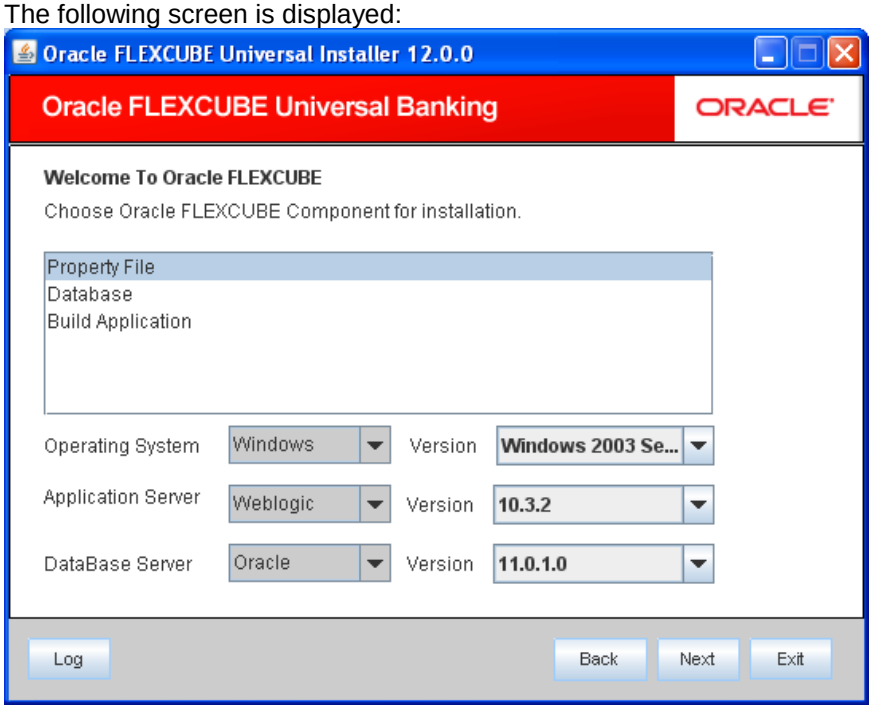
To create property file for Oracle FGL, follow the steps given below:

5. Launch Oracle FLEXCUBE Universal Banking Solution Installer.



6. Choose ‘General Ledger’. Click ‘Next’.

The following screen is displayed:



7. Choose the option ‘Property File’.
8. Specify the following details:

Operating System and Version

Specify the operating system in which you are creating the property file. Choose the appropriate one from the drop-down list. You also need to specify the version of the selected operating system.

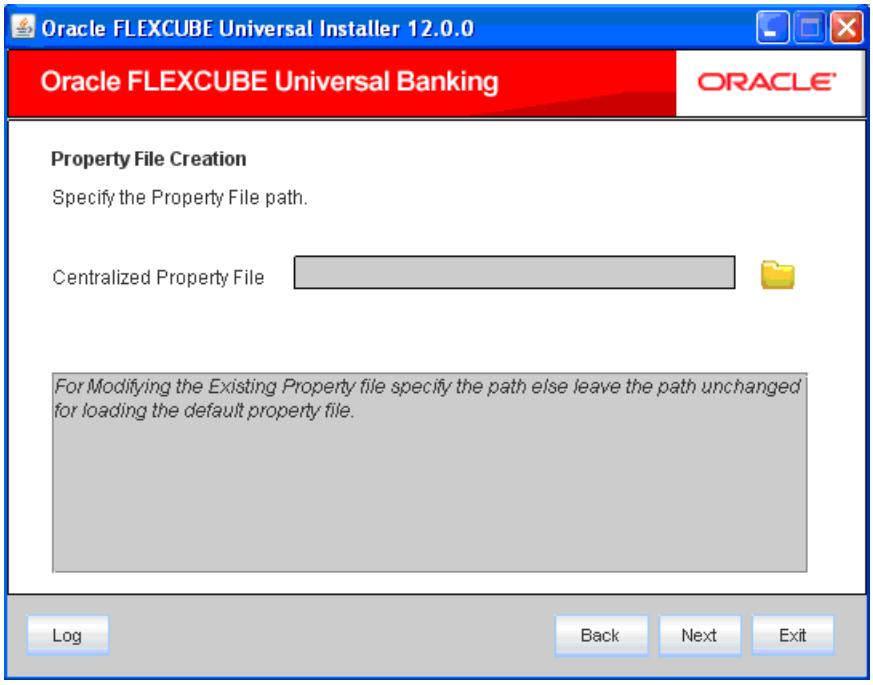
Application Server and Version

Specify the application server in which you are creating the property file. Choose the appropriate one from the drop-down list. You also need to specify the version of the selected application server.

Database Server and Version

Specify the database server in which you are creating the property file. Choose the appropriate one from the drop-down list. You also need to specify the version of the selected database server.

9. Once you have specified the details, click ‘Next’ to continue. The following screen is displayed.



10. Specify the following details:

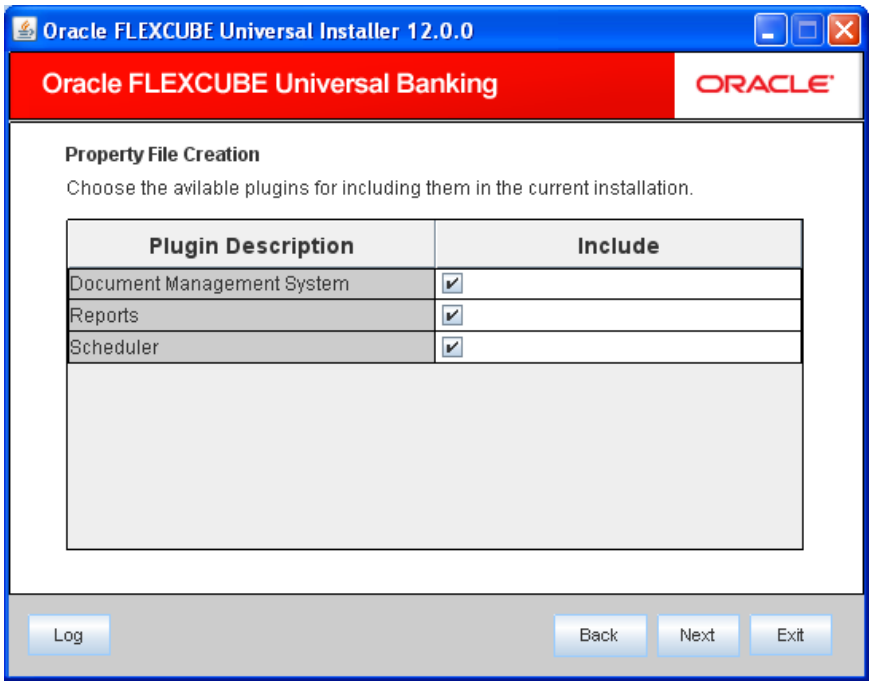
Centralized Property File

The property file needs to be built before the EAR file. If you are creating a new property file, leave the field blank. If you wish to modify an existing property file, you can manually specify the location of the property file.

3.2.1 Setting FGL Plug-ins

This section describes the process of setting plug-ins.

11. You can select the plug-ins from the following screen.

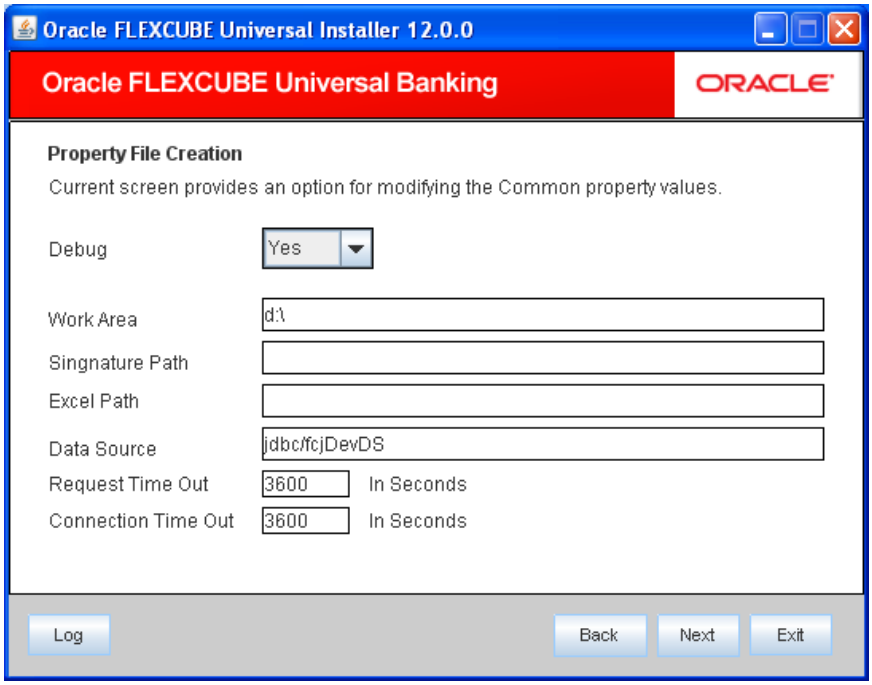


12. You need to select the plug-ins to be included in the installation. Check the box against the required plug-ins. The following plug-ins are available for FGL:
    - Document Management System
    - Reports
    - Scheduler
13. Once you have selected the plug-ins, click ‘Next’. You will be navigated to the ‘Common Properties’ screen.

3.2.2 Setting Common Properties

This section describes the process of setting common properties of Oracle FGL.

1. The installer displays the ‘Common Properties’ screen.



2. The following are the common properties required for FGL Application:

Debug

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

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.

Data Source

Specify the JNDI location. The standard format is ‘jdbc/fcjdevDS’.

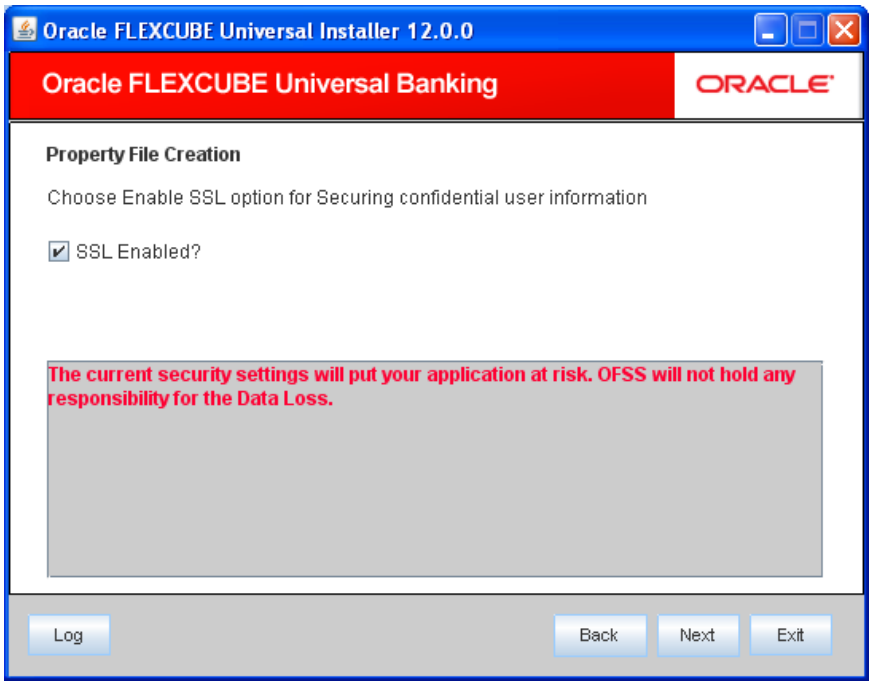
Request Time Out

Specify the database request timeout value in seconds. This is the maximum number of seconds the database will wait for a query to return the result.

Connection Time Out

Specify the database connection timeout value in seconds. This is the maximum number of seconds the application will wait for a connection to the database to open.

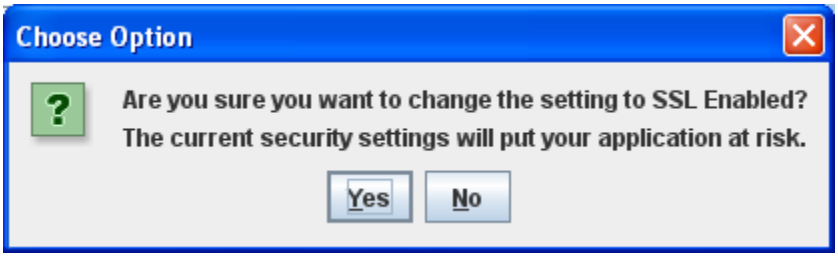
3. Click ‘Next’. The following screen is displayed.



4. Specify the following details.

SSL Enabled

Indicate whether SSL is enabled or not. If SSL is required, choose 'Yes'. If SSL is not enabled, the Installer will pop-up a window.



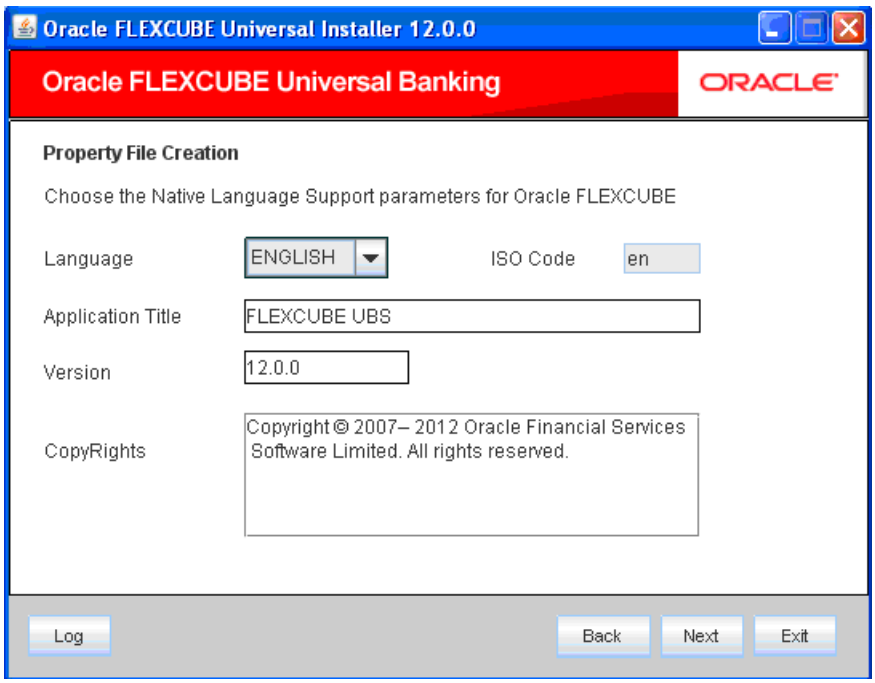
However, it is recommended that you enable SSL.

5. Click 'Next'. You will be navigated to the next screen.

3.2.3 Setting Language Properties

This section describes the process of setting language packs of Oracle FLEXCUBE.

1. The system displays the following screen.



2. Specify the following details.

Language

Specify the language in which you wish to see Oracle FLEXCUBE. English is the default language. However, based on the requirement, you can set a different language. Choose the appropriate one from the drop-down list.

Based on the language selected, the installer displays the ISO code.

Application Title

Specify the application title.

E.g.: FLEXCUBE UBS

Version

Specify the application version.

E.g.: 12.0.0

Copy Rights

Specify the copyright details.

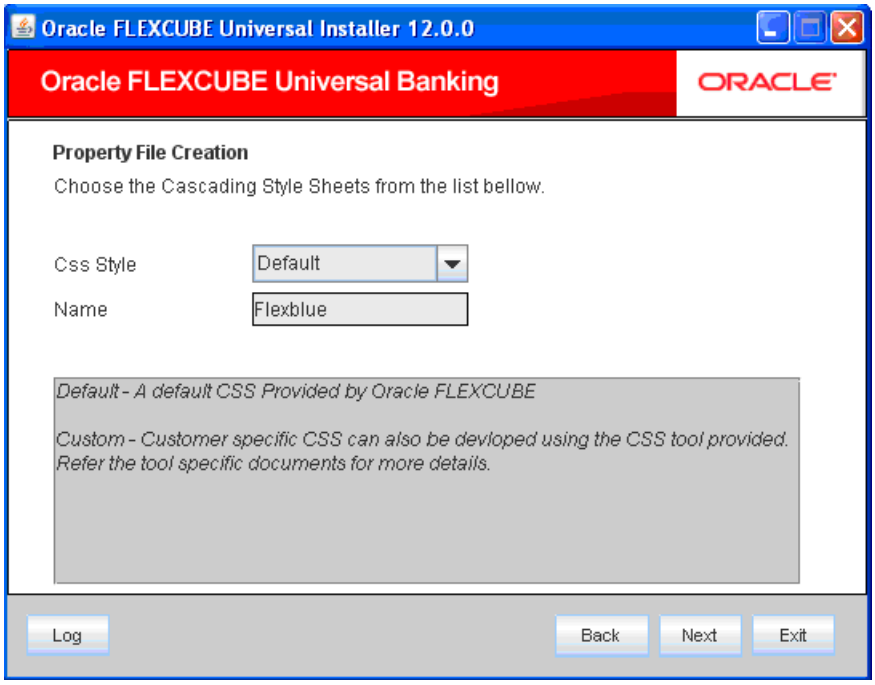
E.g.: Copyright@2007-2012 Oracle Financial Software Services Limited. All rights reserved.

3. Once you have specified the details, click ‘Next’. You will be navigated to the CSS setting screen.

3.2.4 Setting CSS Style

This section describes the process of setting CSS style.

1. The following screen is displayed.



2. Specify the following details:

CSS Style

Specify the CSS style to be used. You can choose one of the following CSS styles:

- Default – choose this to apply the default style provided along with Oracle FLEXCUBE
- Custom – choose this to apply a custom style

Name

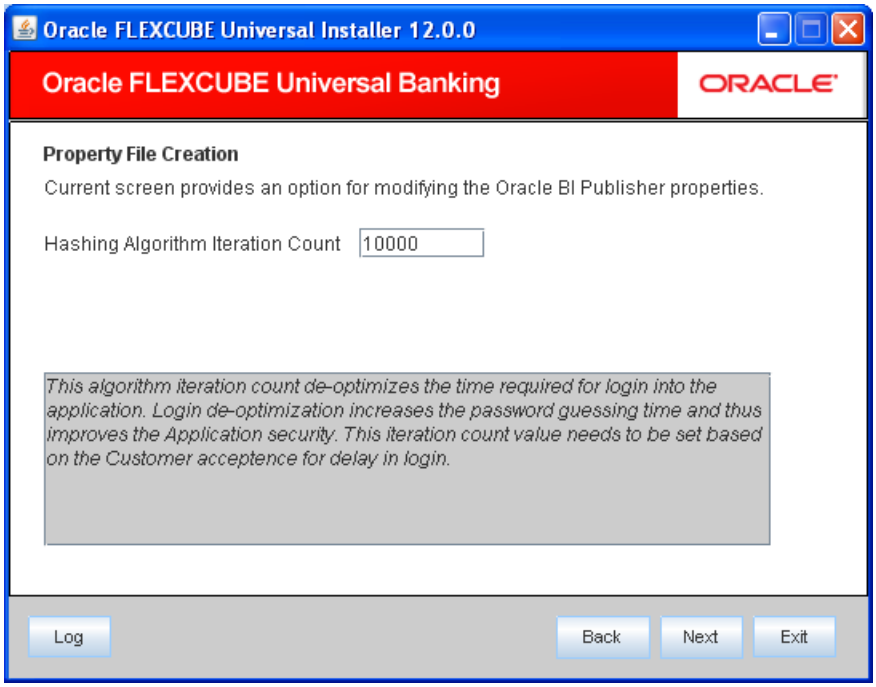
Specify the name of the CSS style.

3. Once you have specified the above details, click ‘Next’. You will be navigated to the Hashing Algorithm Count Settings screen.

3.2.5 Setting Hashing Algorithm Iteration Count

This section describes the method of setting hashing algorithm iteration count.

1. The following screen is displayed.



2. Specify the following details:

Hashing Algorithm Iteration Count

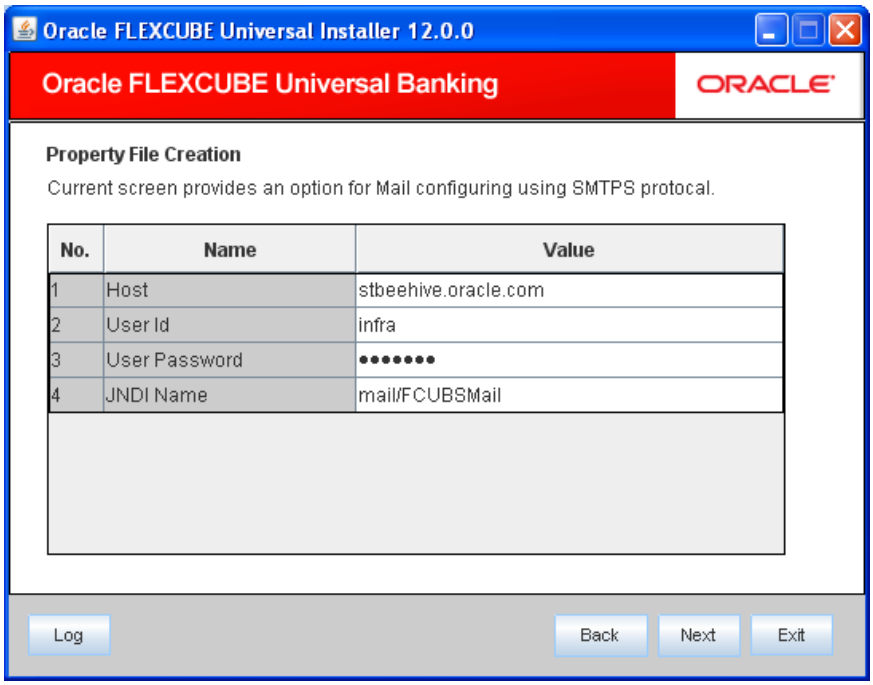
Specify the hashing algorithm iteration count. This count implies the time required for logging into the application. An increase in this count increases the login time.

3. Once you have specified the details, click ‘Next’.

3.2.6 Setting Email Details

This section describes the method to configure email details.

1. The following screen is displayed.



2. Specify the following details.

Host

Specify the SMTP host name.

User ID

Specify the user ID.

User Password

Specify the user password.

JNDI Name

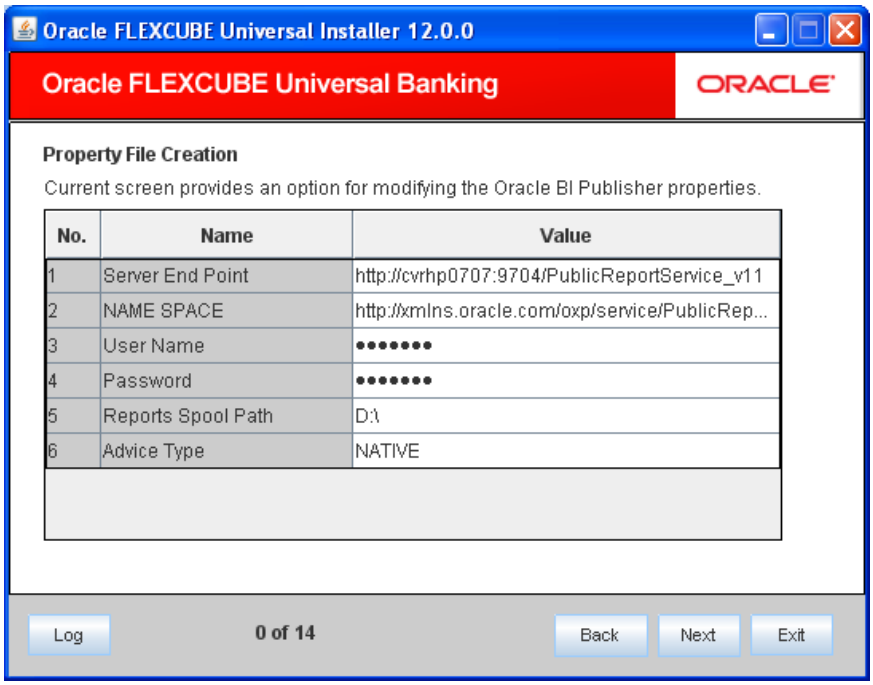
Specify the JNDI name.

3. Once you have specified the above details, click ‘Next’.

3.2.7 Setting Report Properties

This section describes the methods to set report properties.

4. The following screen is displayed.



5. Specify the following details:

End Point

Specify the BIP end point.

You need to specify the URL based on the IP and port where BIP Application is installed.

Name Space

Specify the BIP name space.

By default, the installer displays ‘http://xmlns.oracle.com/oxp/service/PublicReportService’.

User Name

Specify the BIP user name. By default, the Installer displays ‘Administrator’.

Password

Specify the password for the above user name. By default, the Installer sets it as ‘Administrator’.

Reports Spool Path

Specify the reports spool path.

Advice Type

Specify the advice type. You can choose one of the following:

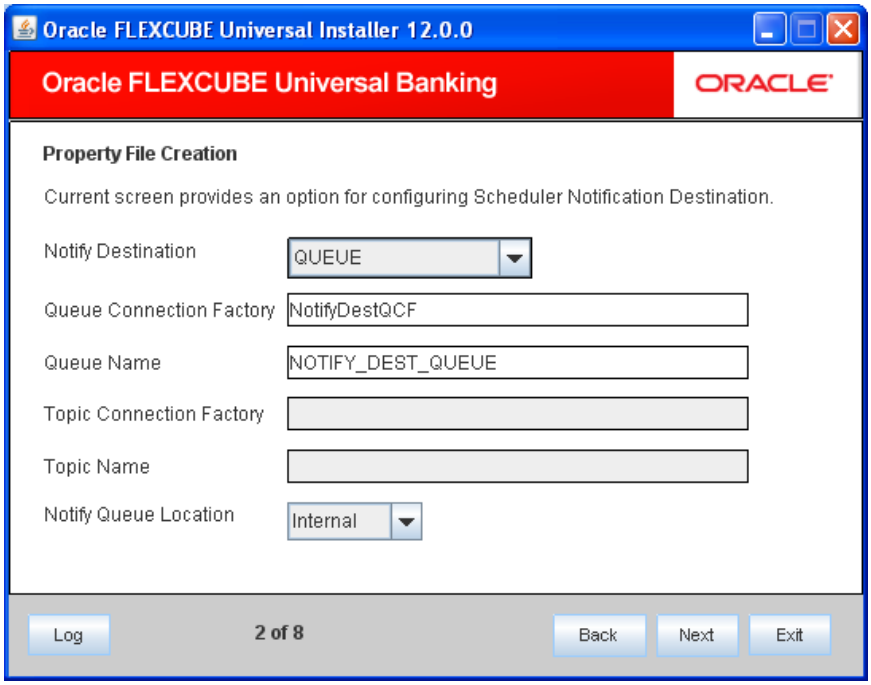
- NATIVE – This advice type is used for generating advices from Excel
- BIP – This advice type is used for generating advices from Reports.

6. Once you have specified the above details, click ‘Next’.

3.2.8 Configuring Scheduler

This section describes the method to configure scheduler data source.

1. The following screen is displayed.



2. Specify the following details:

Notify Destination

Specify the notify destination. Choose one of the following options:

- QUEUE
- TOPIC

Queue Connection Factory

Set ‘NotifyDestQCF’ as the destination connection factory.

Queue Name

Set ‘NOTIFY_DEST_QUEUE’ as the destination queue name.

Topic Connection Factory

Set ‘NotifyDestTCF’ as the destination connection factory.

Topic Name

Set ‘NOTIFY_DEST_QUEUE’ as the destination queue name.

Notify Queue Location

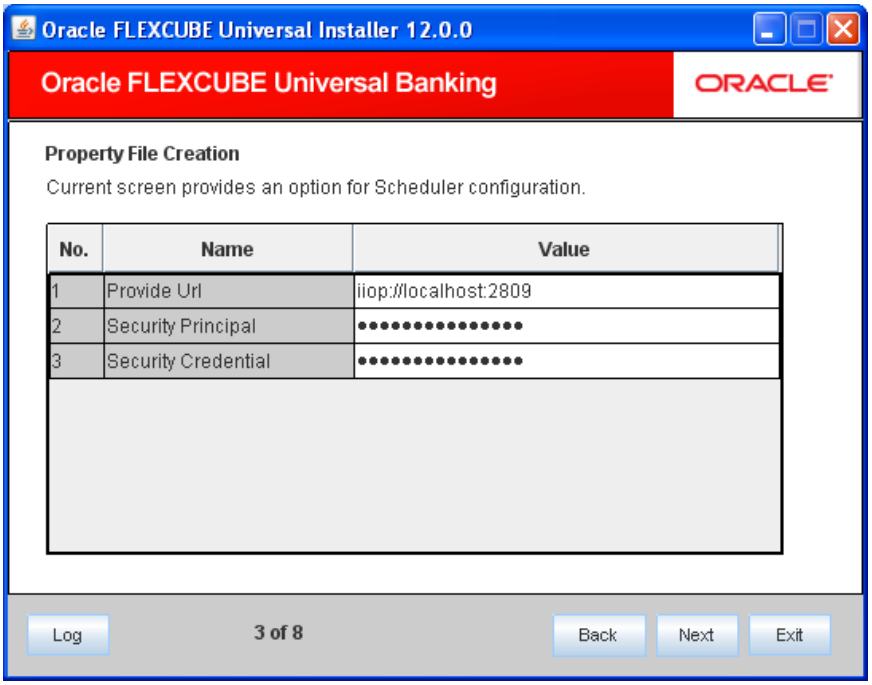
Specify the notify queue location. Choose one of the following options:

- Internal

- External

Note: For Oracle WebLogic application server, the notify queue location should be selected as 'Internal'.

If you choose '**External**', you will be navigated to the following screen. Here you can specify the external queue details.



You need to specify the following details of the external queue.

Provider URL

Specify the provide URL (iiop://localhost:2809).

2809 is the default IIOP port.

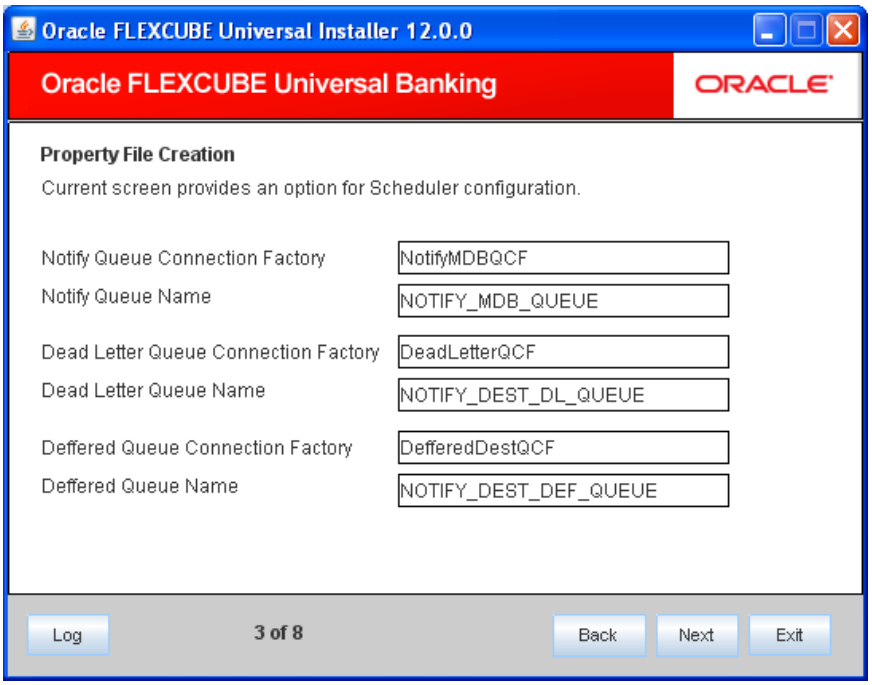
Security Principal

Specify the login ID to access the application server.

Security Credentials

Specify the password to access the application server.

If you choose '**Internal**', you will be navigated to the following screen. Here you can specify the external queue details.



Specify the following details:

Notify Queue Connection Factory

Set ‘NOTIFY_MDB_QCF’ as the notify connection factory.

Notify Queue Name

Set ‘NOTIFY_QUEUE’ as the notify queue name.

DeadLetter Queue Connection Factory

Set ‘NOTIFY_MDB_QCF’ as the DeadLetter connection factory.

DeadLetter Queue Name

Set ‘NOTIFY_QUEUE_DLQ’ as the DeadLetter queue name.

Deffered Queue Connection Factory

Set ‘DefferedDestQCF’ as the deffered connection factory.

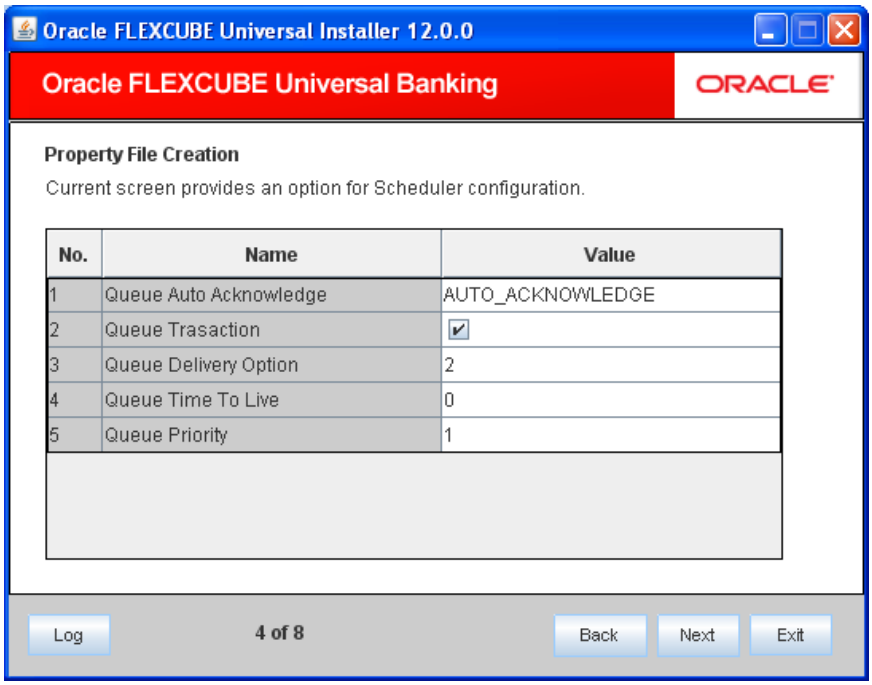
Deffered Queue Name

Set ‘DEFFERED_DEST_QUEUE’ as the deffered queue name.

Note: The values provided here should be the same as the values provided while creating resources for Oracle WebLogic/IBM WebSphere.

For further details, refer to the chapters ‘Resource Creation for Oracle WebLogic’ and ‘Resource Creation for IBM WebSphere’.

3. Once you have captured the details, click ‘Next’.



4. Specify the following details:
   - Queue Auto Acknowledge
   - Queue Transaction
   - Queue Delivery Option
   - Queue Time to Live
   - Queue Priority

Note: For IBM WebSphere application server, you need to specify the following additional details.

Scheduler EJB Lookup Type

Set this to 'LOCAL' if you deploy the Application on IBM WebSphere application server. In case of you deploy the Application on other application servers, set this to 'REMOTE'.

When the scheduler EJB lookup type is set to 'LOCAL', it is mandatory to set the following properties.

Initial Context Factory

Specify the initial context factory (com.ibm.websphere.naming.WsnInitialContextFactory).

Provider URL

Specify the provide URL (iiop://localhost:2809).

2809 is the default IIOP port.

Security Principal

Specify the login ID to access the application server.

Security Credentials

Specify the password to access the application server.

Scheduler EJB JNDI Name

This is defaulted to 'ejb/SchedulerEJBHome'. You will have to provide the JNDI name of the scheduler EJB while deploying the application.

Note: Ensure that the properties set here match the properties set during JMS Destination and JMS Connection Factories.

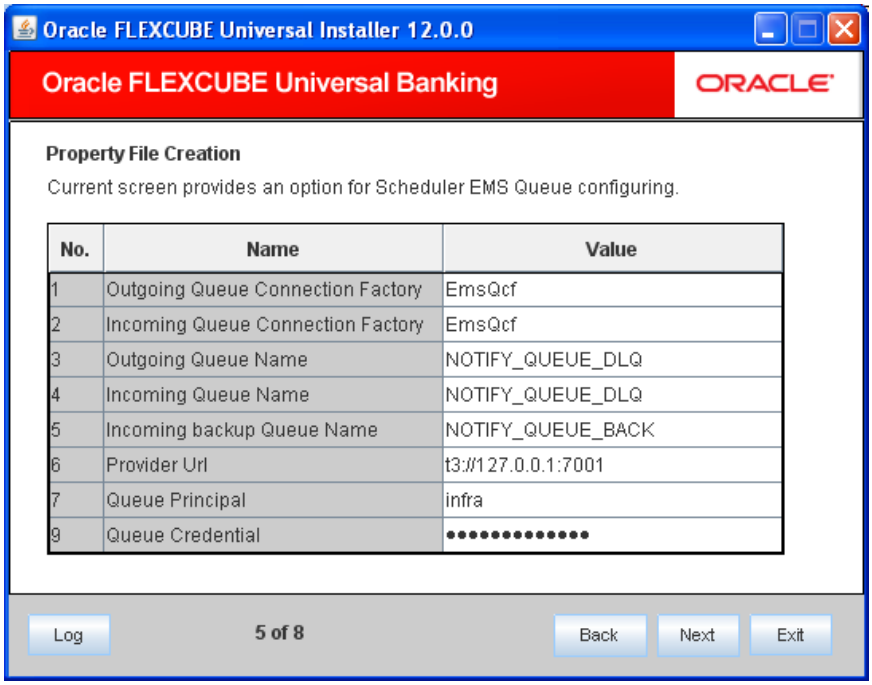
For further details on creating JMS destination and connection factories, refer to the chapter 'Resource_Creation_WL.doc'.

5. Once you have set the above properties, click 'Next'.

3.2.9 Setting EMS Properties

You will be navigated to the 'Scheduler EMS Properties' screen. Here, you need to set the EMS details.

1. Set the EMS properties:



2. Specify the following details:

OutGoing Connection Factory

Specify the name of the outgoing connection factory to which EMS listens. You need to create this connection factory at the application server.

For details on connection factory creation, follow the steps described for creation of notify connection factories.

Incoming Connection Factory

Specify the name of the incoming connection factory to which EMS listens. You need to create this connection factory at the application server.

For details on connection factory creation, follow the steps described for creation of notify connection factories.

Outgoing Queue Name

Specify the name of the outgoing queue for which EMS is configured. By default, this is set as 'NOTIFY_QUEUE_DLQ'.

Incoming Queue Name

Specify the name of the incoming queue for which EMS is configured. By default, this is set as 'NOTIFY_QUEUE_DLQ'.

Incoming Backup Queue Name

Specify the name of the incoming backup queue for which EMS is configured.

Outgoing Queue Provider URL

In case EMS OUT MDB is to be configured to queue, you need to specify the URL for outgoing provider based on the application server. By default, the Installer displays the outgoing queue provider URL for Oracle WebLogic.

This value is application server dependent.

The details of Outgoing Queue Provider URL to be used for different application servers are given below:

Application Server	EMS Out Initial Context Factory
Oracle WebLogic	t3://<ip_adress>:port E.g.: t3://127.0.0.1:7001 Here, 127.0.0.1 represents the local host and 7001 to the target server default port (AdminServer/ManagedServer).
IBM WebSphere	iiop://<ip_adress>:port E.g.: iiop://127.0.0.1:2809 Here, 2809 represents the default iiop port

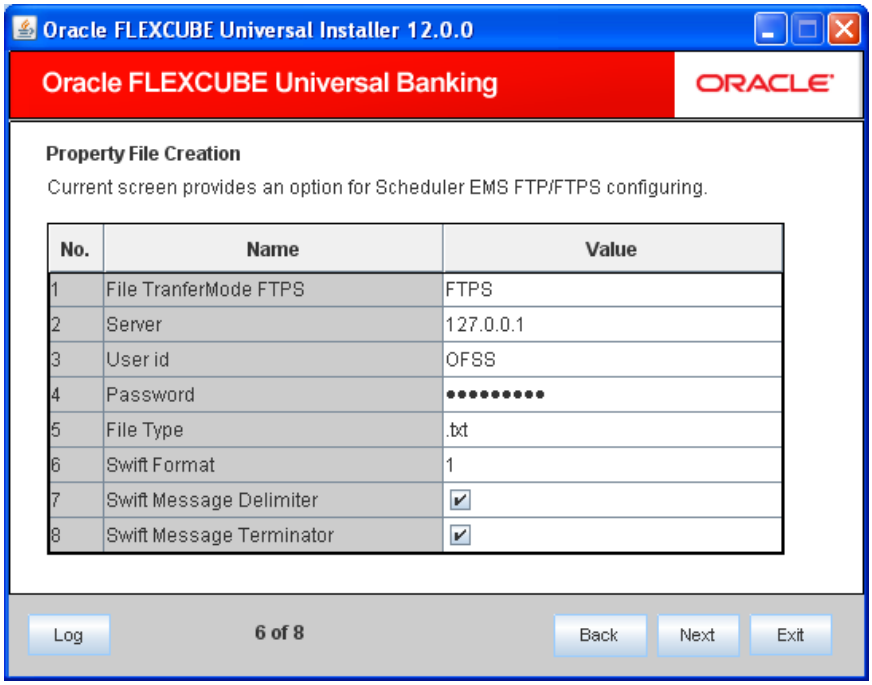
Queue Principal

If EMS OUT MDB has to be configured to queue, you need to specify the EMS out queue principal. This is the user name for the application server in which the queue is configured.

Queue Credential

If EMS OUT MDB has to be configured to queue, you need to specify the EMS out queue credential. This is the password for the above user name created for application server in which the queue configured.

3. Once you have specified the above details, click ‘Next’.



4. Specify the following details:

File Transfer Mode FTPS

Specify the mode of transferring files to EMS. Choose one of the following:

- FTPS
- SFTP
- HTTP

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.

File Type

Specify the type of file that is transferred. By default, the Installer sets it as ‘.txt’.

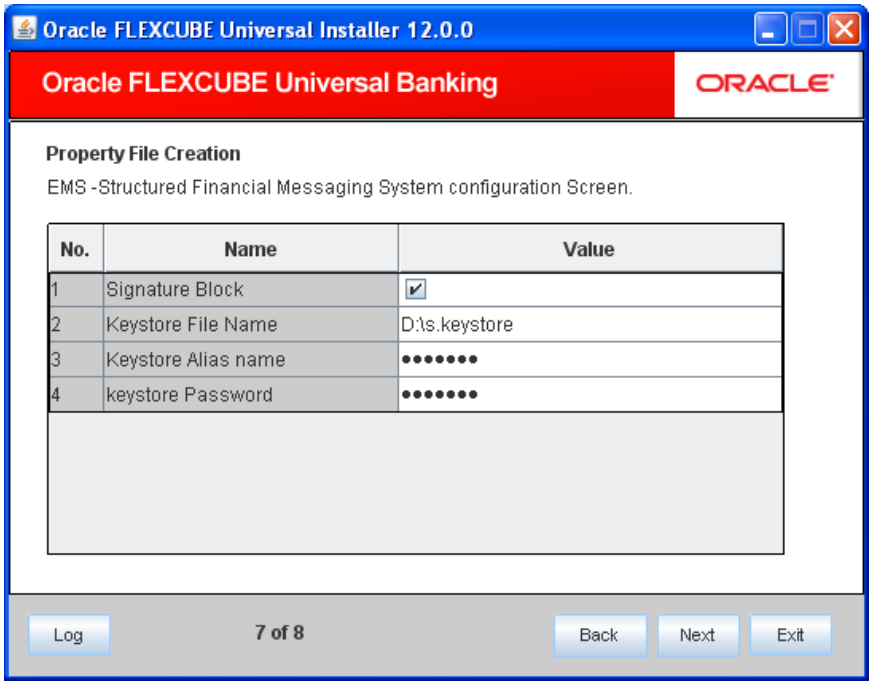
SWIFT Message Delimiter

Specify the character which is used as the message delimiter.

SWIFT Message Terminator

Specify the character which is used as the message terminator.

5. Once you have specified the above details, click ‘Next’. The following screen is displayed.



6. Specify the following details:

Signature Block

Check this box to enable signature block.

Keystore File Name

Specify the keystore file name.

Keystore Alias Name

Specify the keystore alias name.

Keystore Password

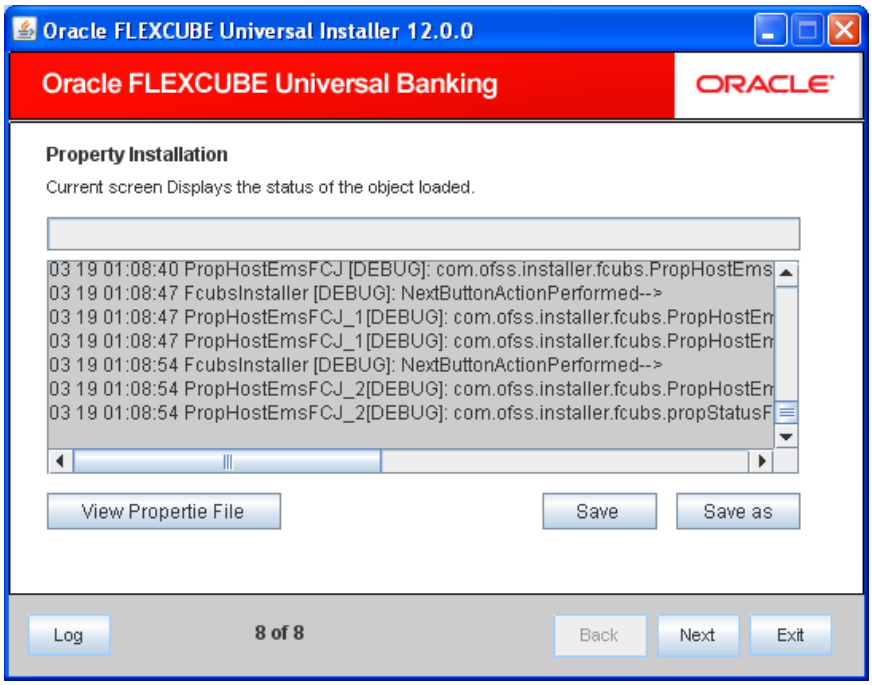
Specify the keystore password.

7. Once you have specified the above details, click ‘Next’.

3.2.10 Saving Property File

After completing all the required settings explained above, you need to save the property file.

8. Save the property file.



9. You can view the status of property file creation in the above screen.

4. Creating Property File for ELCM Application

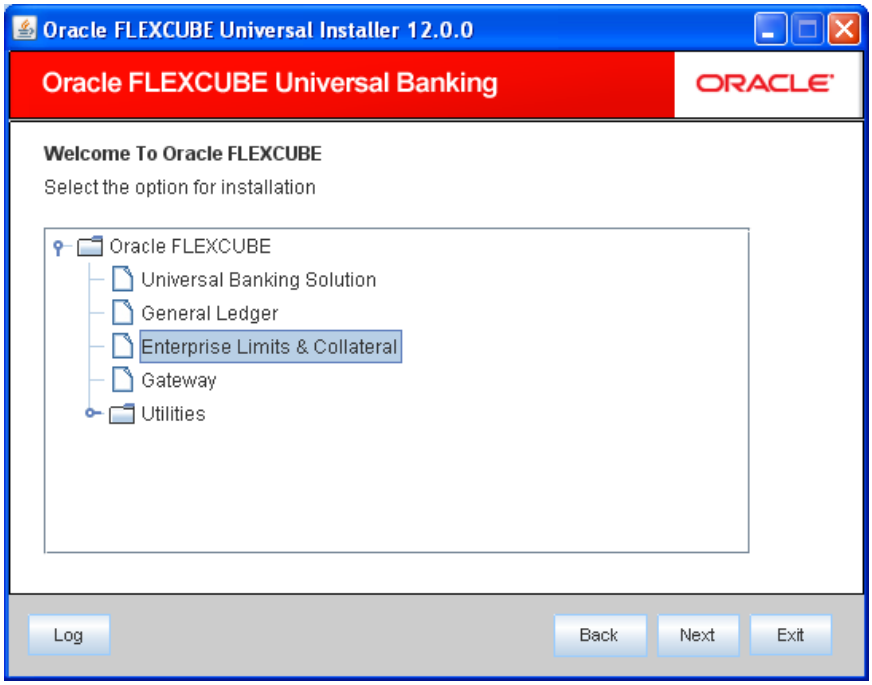
4.1 Introduction

This chapter explains the methods to create property files for ELCM Application. This also contains the properties for various plug-ins.

4.2 Creating Property File

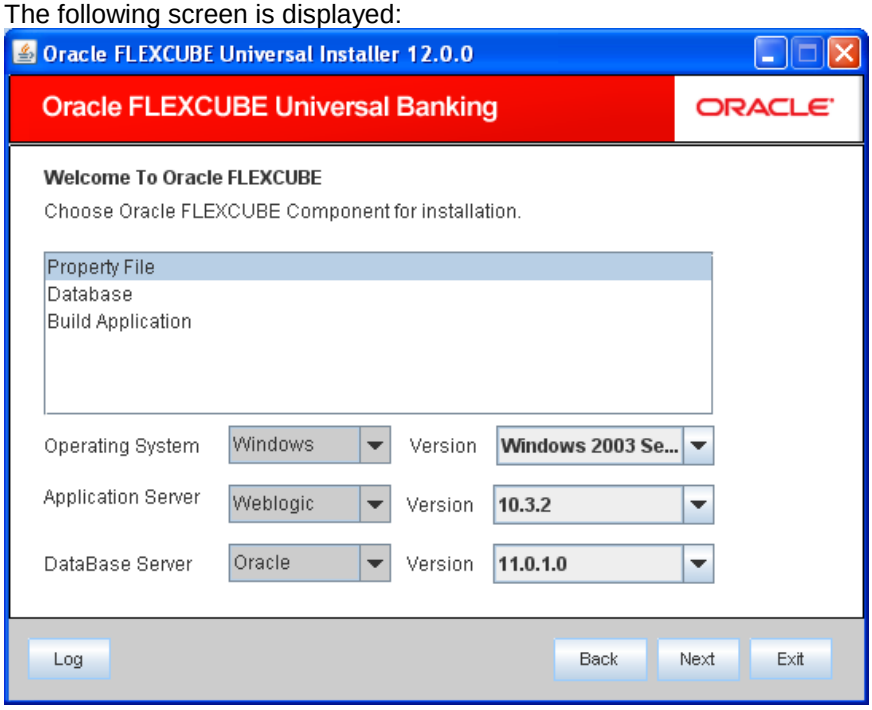
To create property file for Oracle ELCM, follow the steps given below:

1. Launch Oracle FLEXCUBE Universal Banking Solution Installer.



2. Choose ‘Enterprise Limits & Collateral’. Click ‘Next’.

The following screen is displayed:



3. Choose the option ‘Property File’.
4. Specify the following details:

Operating System and Version

Specify the operating system in which you are creating the property file. Choose the appropriate one from the drop-down list. You also need to specify the version of the selected operating system.

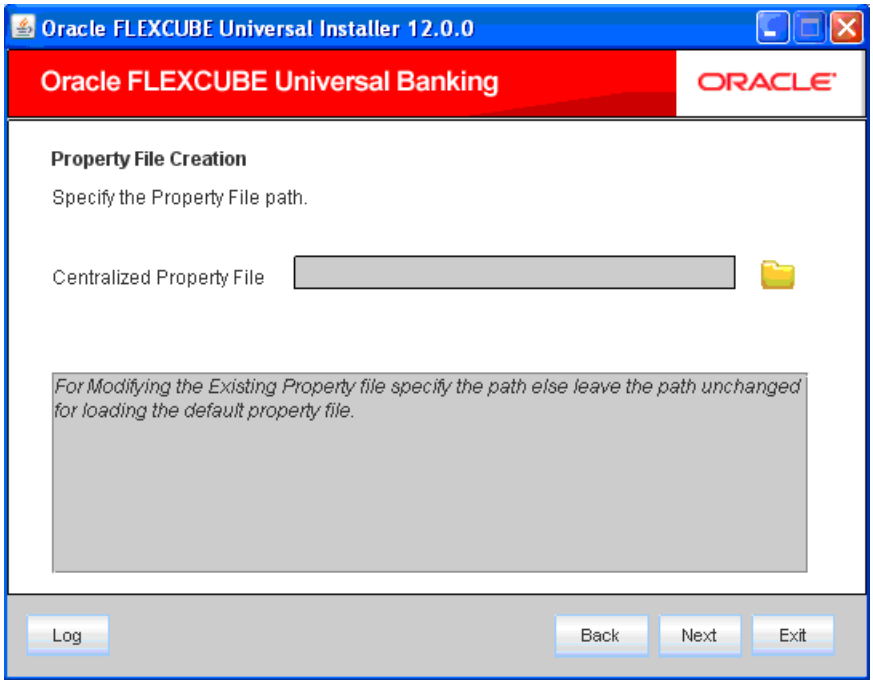
Application Server and Version

Specify the application server in which you are creating the property file. Choose the appropriate one from the drop-down list. You also need to specify the version of the selected application server.

Database Server and Version

Specify the database server in which you are creating the property file. Choose the appropriate one from the drop-down list. You also need to specify the version of the selected database server.

5. Once you have specified the details, click ‘Next’ to continue. The following screen is displayed.



6. Specify the following details:

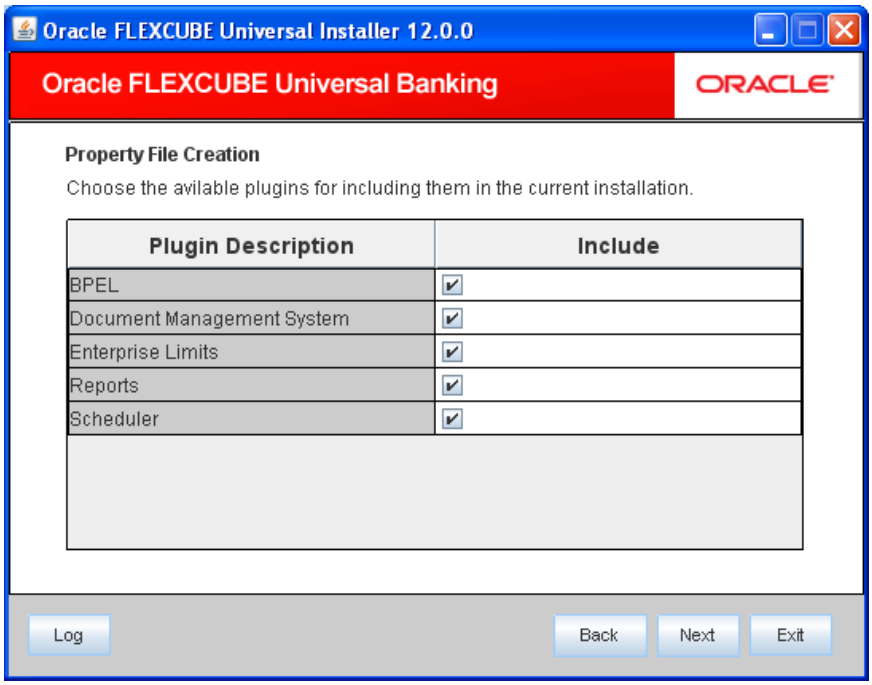
Centralized Property File

The property file needs to be built before the EAR file. If you are creating a new property file, leave the field blank. If you wish to modify an existing property file, you can manually specify the location of the property file.

4.2.1 Setting ELCM Plug-ins

This section describes the process of setting plug-ins.

1. You can select the plug-ins from the following screen.

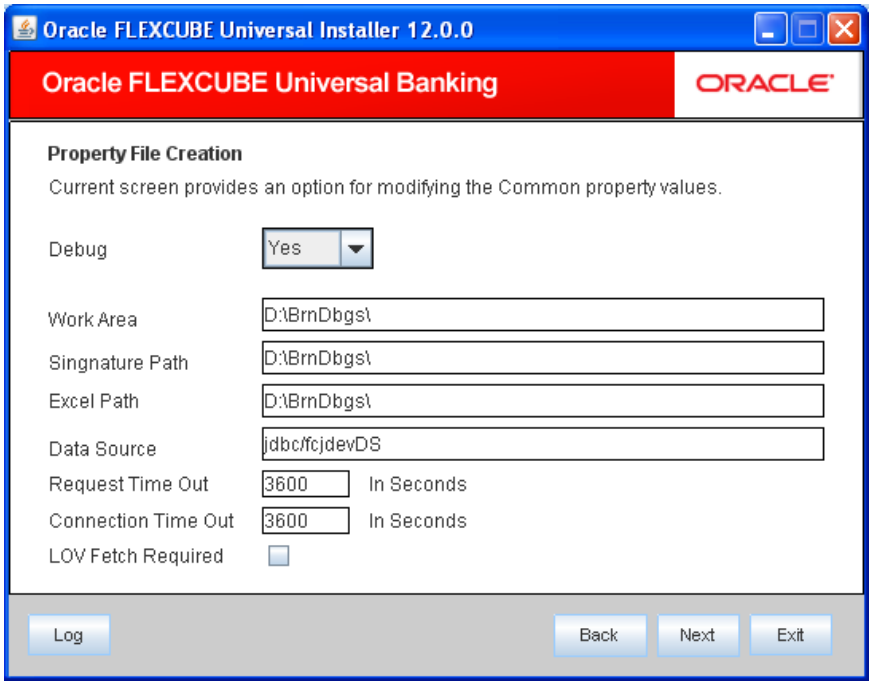


2. You need to select the plug-ins to be included in the installation. Check the box against the required plug-ins. The following plug-ins are available for oracle ELCM:
    - BPEL
    - Document Management System
    - Enterprise Limits
    - Reports
    - Scheduler
3. Once you have selected the plug-ins, click ‘Next’. You will be navigated to the ‘Common Properties’ screen.

4.2.2 Setting Common Properties

This section describes the process of setting common properties of Oracle ELCM.

1. The installer displays the ‘Common Properties’ screen.



2. The following are the common properties required for FGL Application:

Debug

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

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.

Data Source

Specify the JNDI location. The standard format is ‘jdbc/fcjdevDS’.

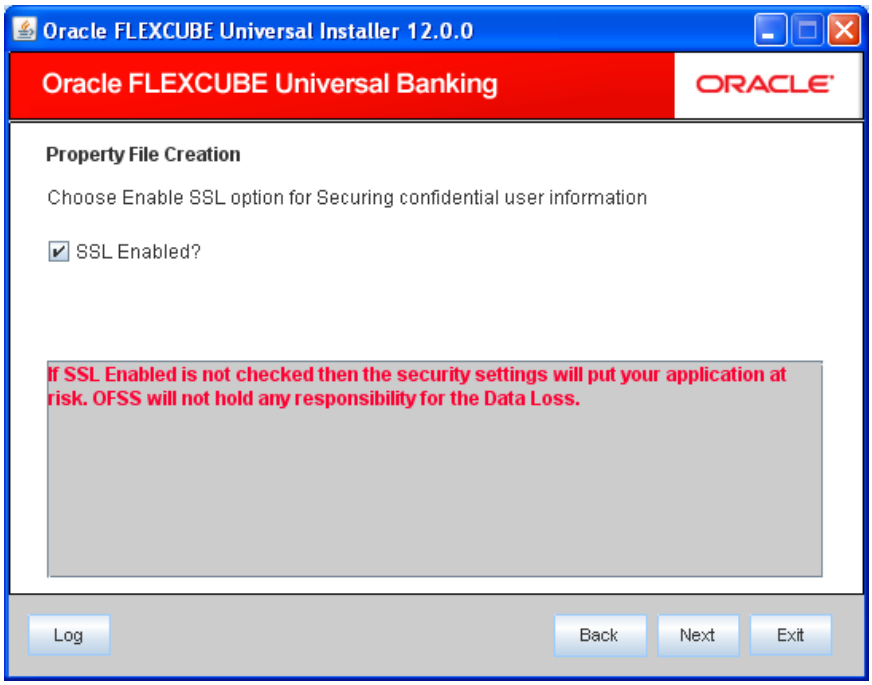
Request Time Out

Specify the database request timeout value in seconds. This is the maximum number of seconds the database will wait for a query to return the result.

Connection Time Out

Specify the database connection timeout value in seconds. This is the maximum number of seconds the application will wait for a connection to the database to open.

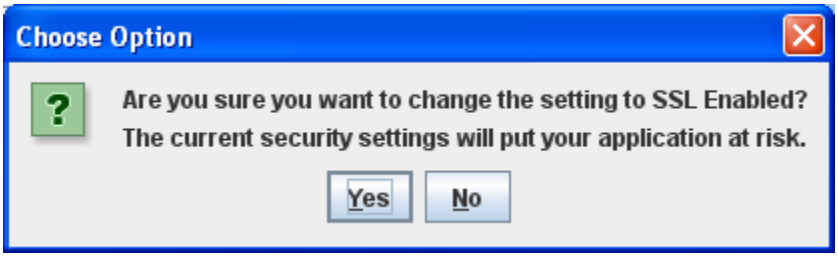
3. Click ‘Next’. The following screen is displayed.



4. Specify the following details.

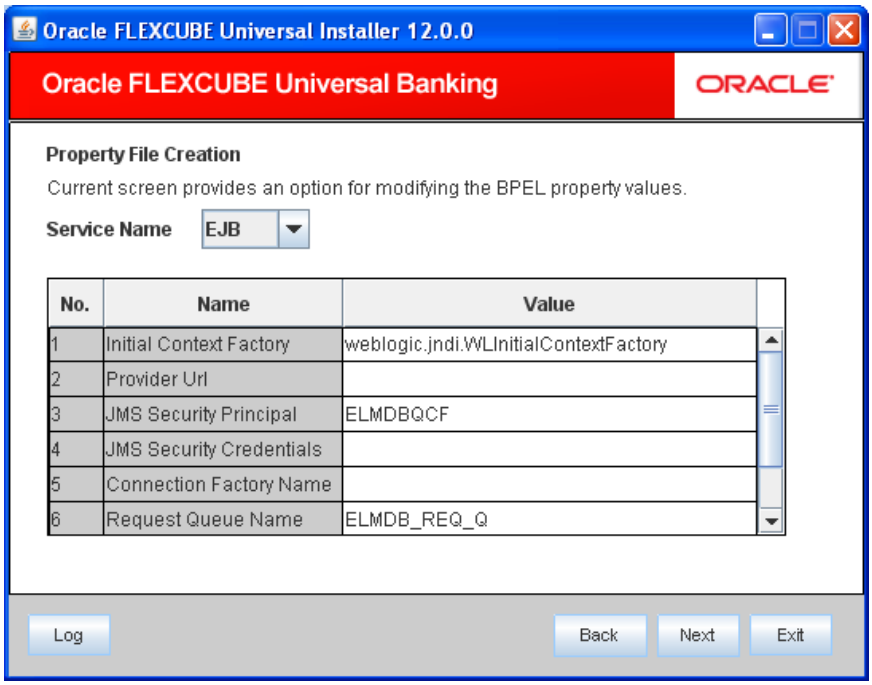
SSL Enabled

Indicate whether SSL is enabled or not. If SSL is required, choose ‘Yes’. If SSL is not enabled, the Installer will pop-up a window.



However, it is recommended that you enable SSL.

5. Click ‘Next’. You will be navigated to the next screen.



6. Specify the following details:

Service Name

Specify the service name. You can choose one of the following:

- EJB
- MDB

Initial Context Factory

Specify the initial context factory.

Provider URL

Specify the provide URL.

JMS Security Principal

Specify the login ID to access the application server.

JMS Security Credentials

Specify the password to access the application server.

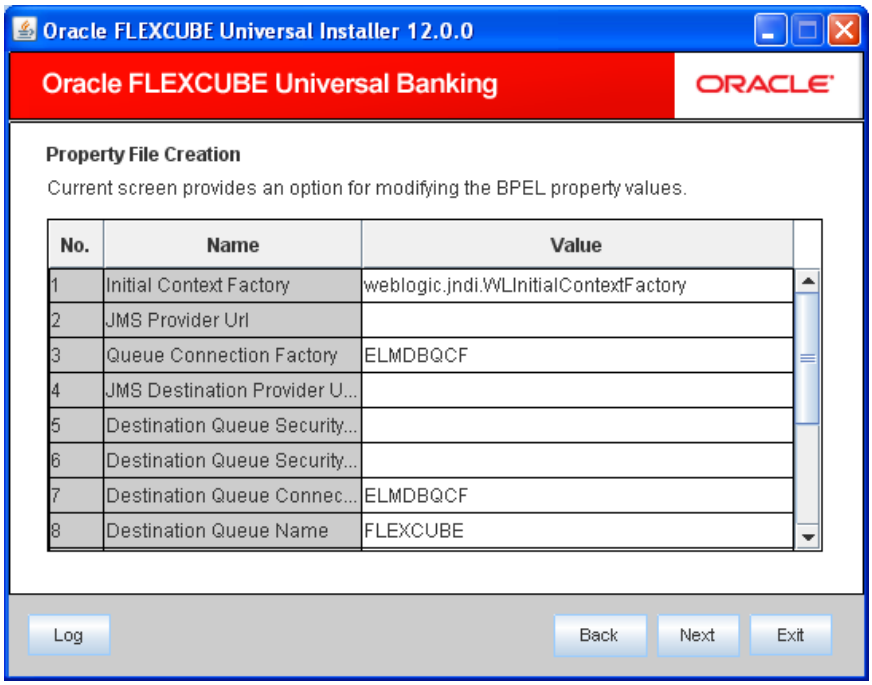
Connection Factory Name

Specify the connection factory name.

Request Queue Name

Specify the request queue name.

7. Once you have specified the above details, click ‘Next’ button. The following screen is displayed.



Specify the following details:

Initial Context Factory

Specify the initial context factory.

JMS Provider URL

Specify the JMS provide URL.

Queue Connection Factory

Specify the queue connection factory.

JMS Destination Provider URL

Specify the JMS destination provider URL.

Destination Queue Security User

Specify the login ID to access the destination queue security server.

Destination Queue Security Credentials

Specify the password to access the destination queue security server.

Destination Queue Connection Factory

Specify the destination queue connection factory.

Destination Queue Name

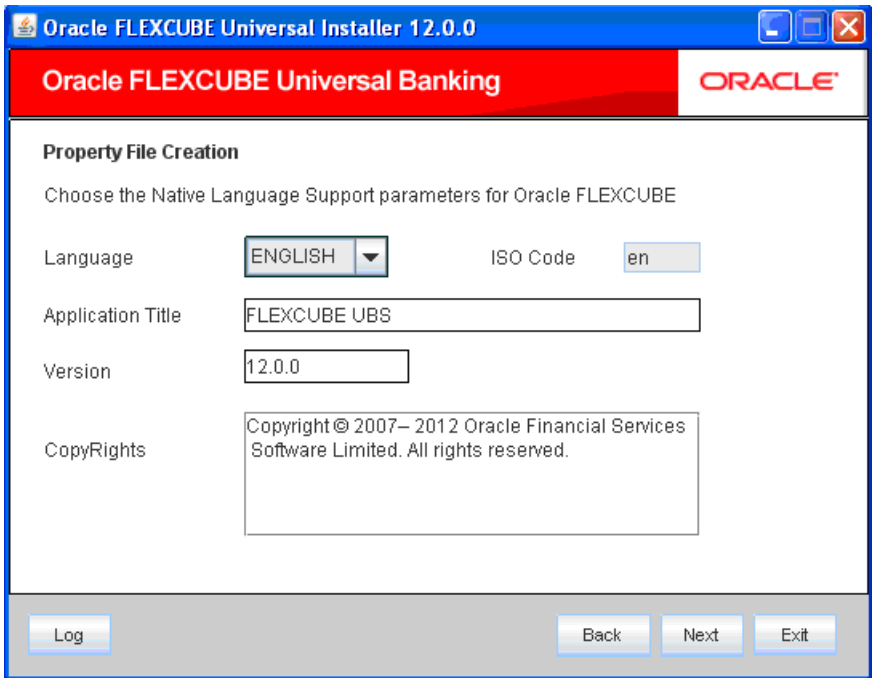
Specify the destination queue name.

8. Once you have specified the above details, click ‚Next'.

4.2.3 Setting Language Properties

This section describes the process of setting language packs of Oracle ELCM.

1. The system displays the following screen.



2. Specify the following details.

Language

Specify the language in which you wish to see Oracle FLEXCUBE. English is the default language. However, based on the requirement, you can set a different language. Choose the appropriate one from the drop-down list.

Based on the language selected, the installer displays the ISO code.

Application Title

Specify the application title.

E.g.: FLEXCUBE UBS

Version

Specify the application version.

E.g.: 12.0.0

Copy Rights

Specify the copyright details.

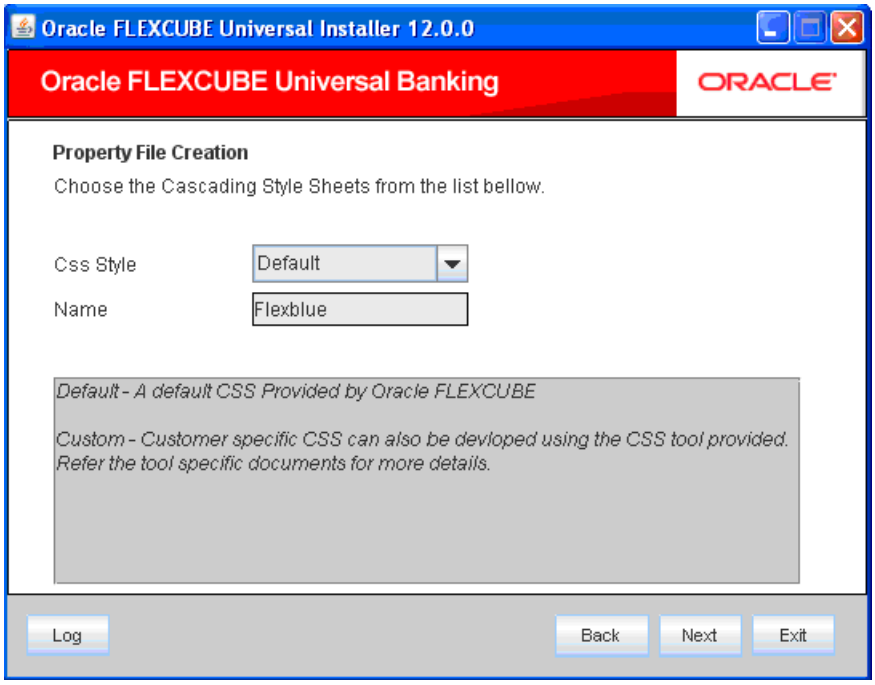
E.g.: Copyright@2007-2012 Oracle Financial Software Services Limited. All rights reserved.

3. Once you have specified the details, click ‘Next’. You will be navigated to the CSS setting screen.

4.2.4 Setting CSS Style

This section describes the process of setting CSS style.

1. The following screen is displayed.



2. Specify the following details:

CSS Style

Specify the CSS style to be used. You can choose one of the following CSS styles:

- Default – choose this to apply the default style provided along with Oracle FLEXCUBE
- Custom – choose this to apply a custom style

Name

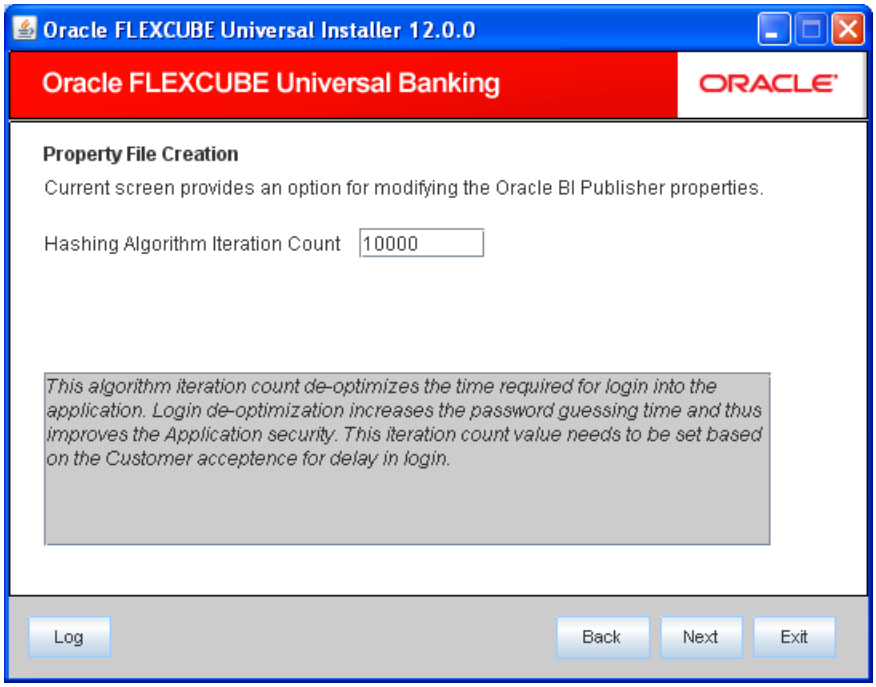
Specify the name of the CSS style.

3. Once you have specified the above details, click ‘Next’. You will be navigated to the Hashing Algorithm Count Settings screen.

4.2.5 Setting Hashing Algorithm Iteration Count

This section describes the method of setting hashing algorithm iteration count.

1. The following screen is displayed.



2. Specify the following details:

Hashing Algorithm Iteration Count

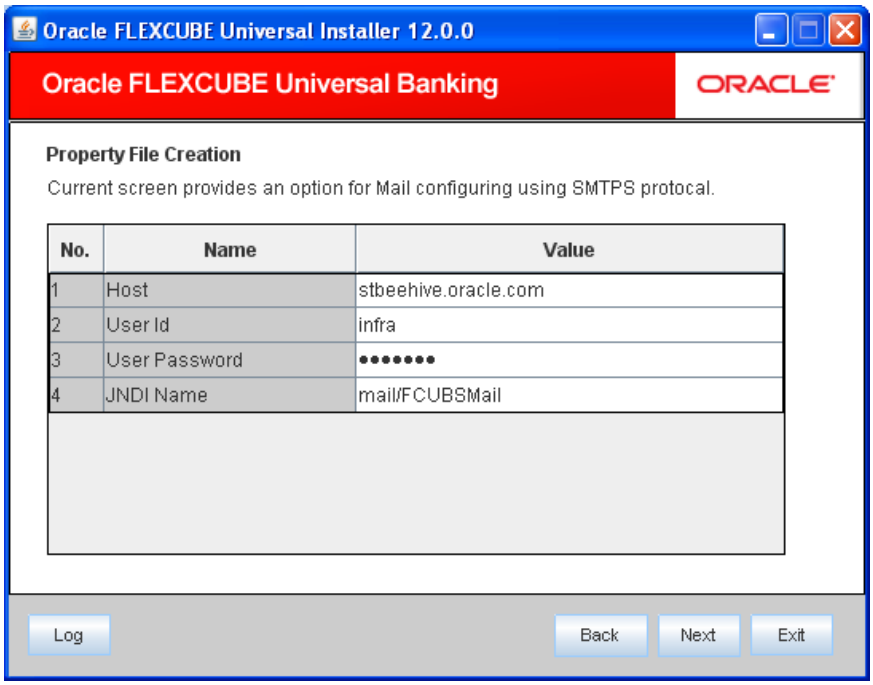
Specify the hashing algorithm iteration count. This count implies the time required for logging into the application. An increase in this count increases the login time.

3. Once you have specified the details, click ‘Next’.

4.2.6 Setting Email Details

This section describes the method to configure email details.

1. The following screen is displayed.



2. Specify the following details.

Host

Specify the SMTP host name.

User ID

Specify the user ID.

User Password

Specify the user password.

JNDI Name

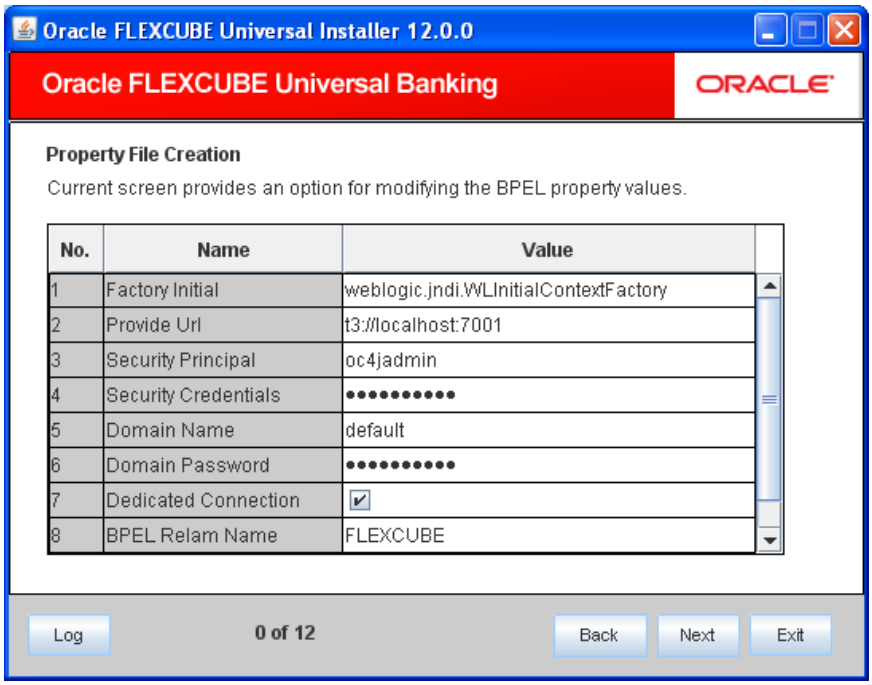
Specify the JNDI name.

3. Once you have specified the above details, click ‘Next’.

4.2.7 Setting BPEL Properties

If you have included BPEL option in the setup, then you need to set the BPEL properties.

1. Set the BPEL properties.



2. Specify the following details:

Factory Initial

Specify the factory initial.

Provider URL

Specify the URL of the server. Enter the IP address, target server port and the context root.

Security Principal

Specify the user name to access the application server where BPEL is installed.

Security Credential

Specify the password for the above user name.

Domain Name

Specify the domain name. By default it will be the Installer sets it to ‘default’.

Domain Password

Specify the domain password for which SOA server is extended

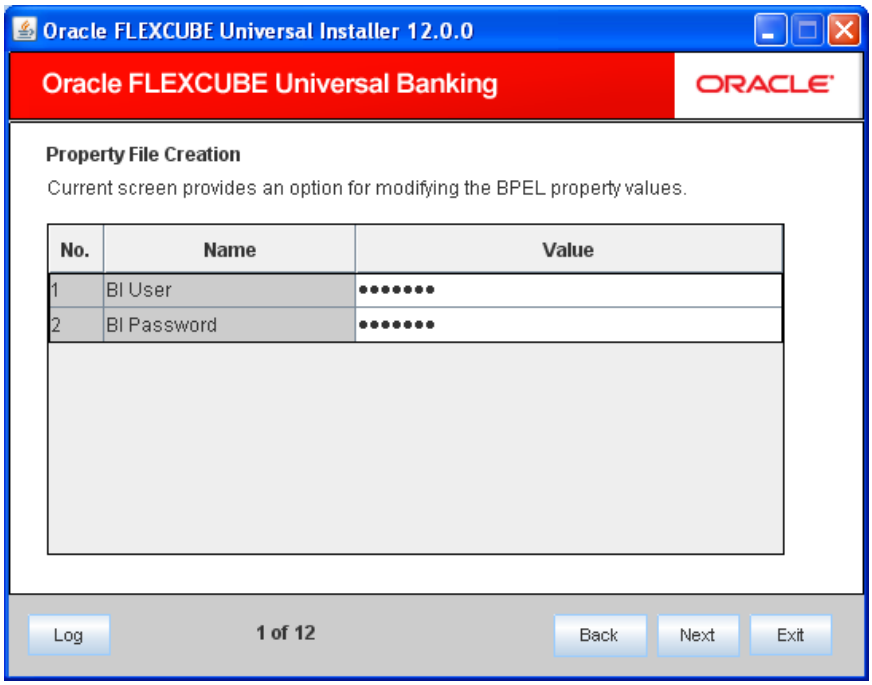
Dedicated Connection

Check this box to indicate that this connection is not used for other purposes.

BPEL Realm Name

Specify the BPEL realm name.

3. Once you have specified the above details, click ‘Next’.



4. Specify the following details:

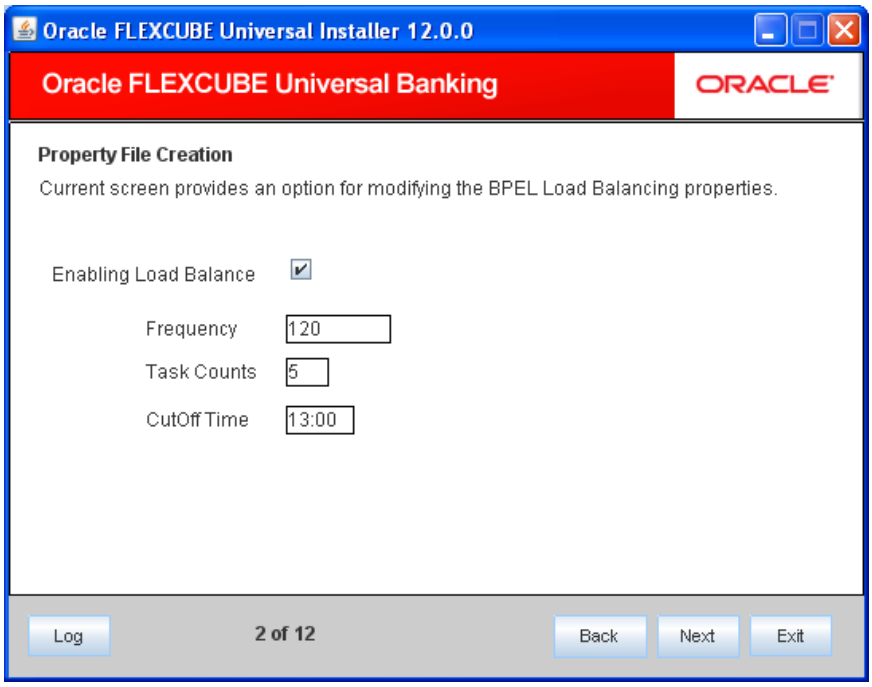
BI User

Specify the BI user ID.

BI Password

Specify the BI password for the above user ID.

5. Click ‘Next’. The following screen is displayed.



6. Specify the following details:

Enabling Load Balance

Check this box to enable BPEL load balance.

Frequency

Specify the balance load frequency.

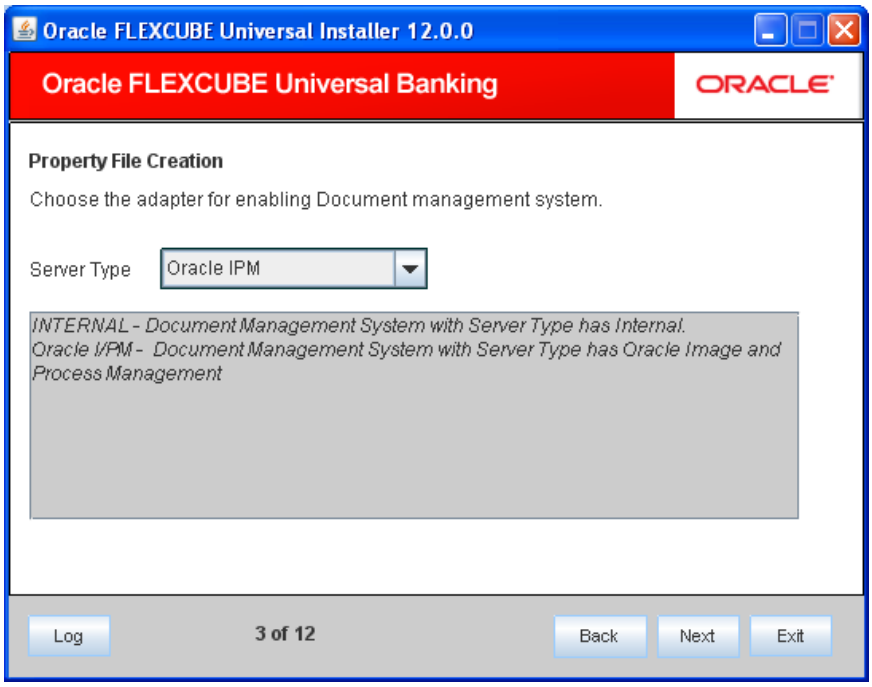
Task Counts

Specify the balance load task count.

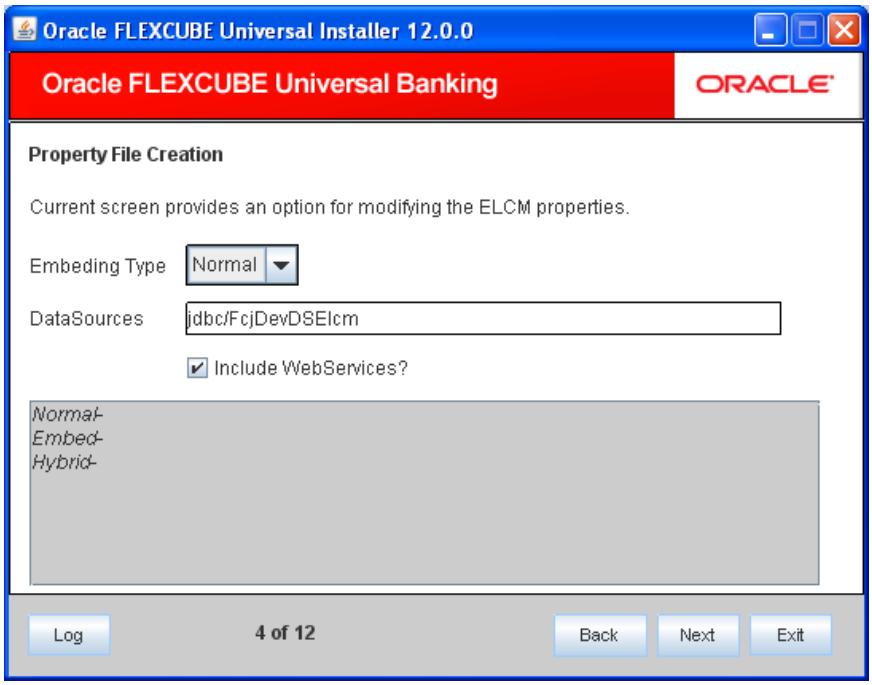
Cut-off Time

Specify the balance load cut-off time.

7. Once you have specified the above details, click ‘Next’.
8. Set the server type in the following screen.



9. Choose ‘Oracle IPM’ as the server type. Click ‘Next’.



10. Specify the following details:

Embedding Type

Specify the embedding type. Choose one of the following:

- Normal
- Embed
- Hybrid

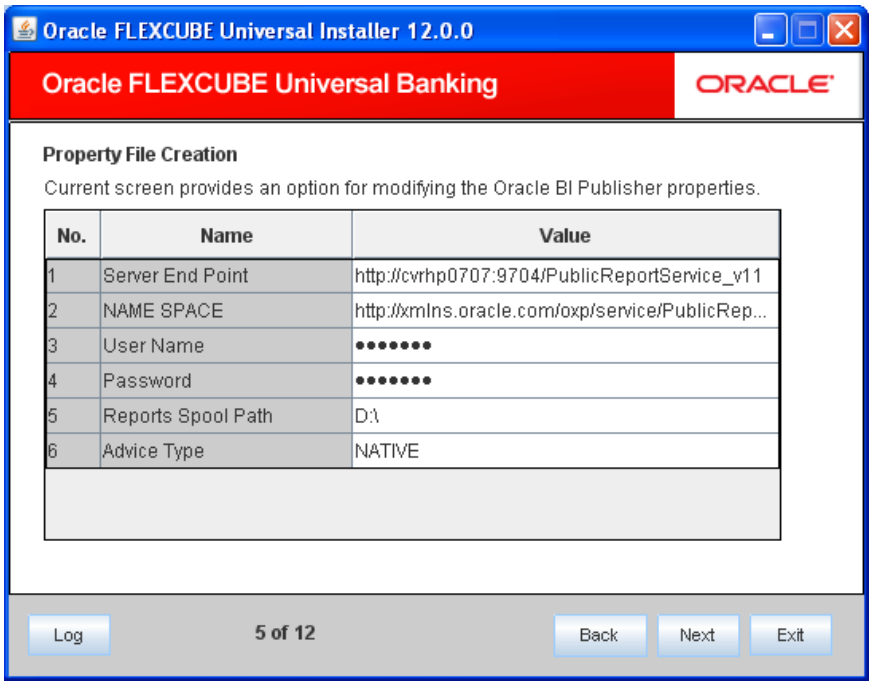
Data Sources

Specify the ELCM data source. The standard format is 'jdbc/fcjdevDS'. Notice that the ELCM data source is always the same as the 'Datasource JNDI'.

Include WebServices?

Check this box to include ELCM web services during property file setup.

11. Once you have specified the above details, click 'Next'.



12. Specify the following details:

End Point

Specify the BIP end point.

You need to specify the URL based on the IP and port where BIP Application is installed.

Name Space

Specify the BIP name space.

By default, the installer displays ‘http://xmlns.oracle.com/oxp/service/PublicReportService’.

User Name

Specify the BIP user name. By default, the Installer displays ‘Administrator’.

Password

Specify the password for the above user name. By default, the Installer sets it as ‘Administrator’.

Reports Spool Path

Specify the reports spool path.

Advice Type

Specify the advice type. You can choose one of the following:

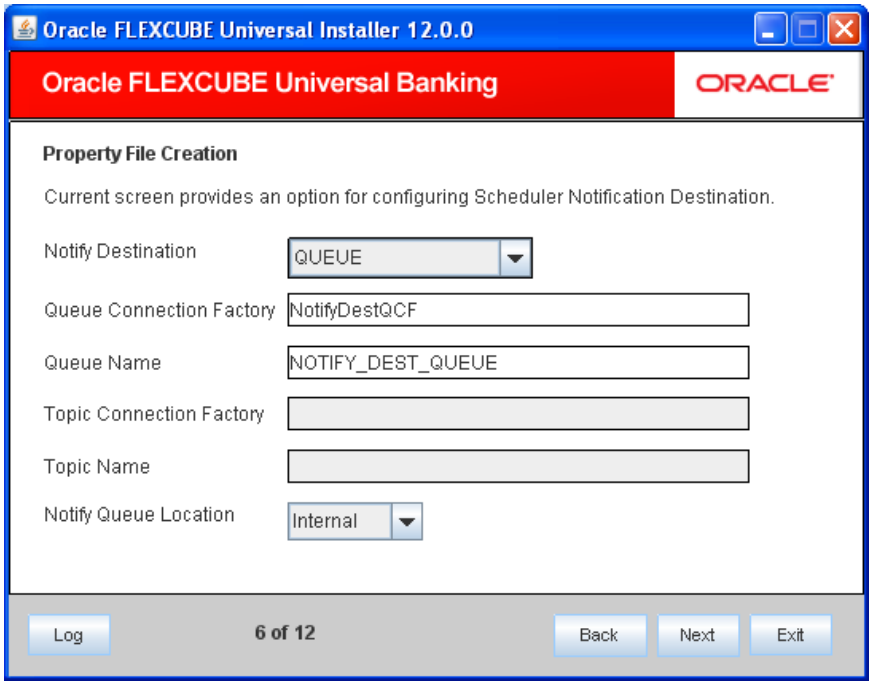
- NATIVE – This advice type is used for generating advices from Excel
- BIP – This advice type is used for generating advices from Reports.

13. Once you have specified the above details, click ‘Next’.

4.2.8 Configuring Scheduler

This section describes the method to configure scheduler data source.

1. The following screen is displayed.



2. Specify the following details:

Notify Destination

Specify the notify destination. Choose one of the following options:

- QUEUE
- TOPIC

Queue Connection Factory

Set ‘NotifyDestQCF’ as the destination connection factory.

Queue Name

Set ‘NOTIFY_DEST_QUEUE’ as the destination queue name.

Topic Connection Factory

Set ‘NotifyDestTCF’ as the destination connection factory.

Topic Name

Set ‘NOTIFY_DEST_QUEUE’ as the destination queue name.

Notify Queue Location

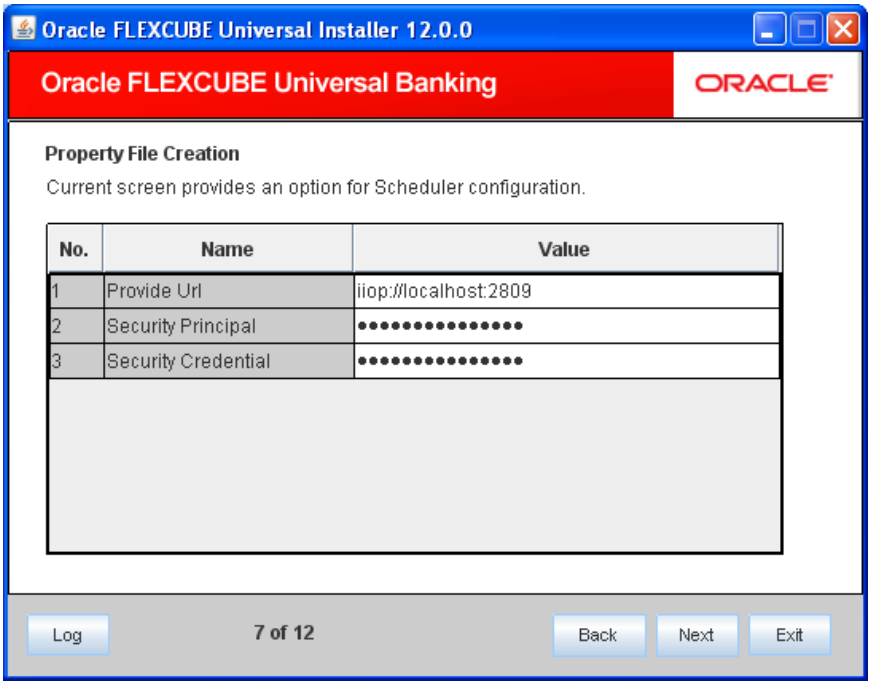
Specify the notify queue location. Choose one of the following options:

- Internal

- External

Note: For Oracle WebLogic application server, the notify queue location should be selected as 'Internal'.

If you choose '**External**', you will be navigated to the following screen. Here you can specify the external queue details.



You need to specify the following details of the external queue.

Provider URL

Specify the provide URL (iiop://localhost:2809).

2809 is the default IIOP port.

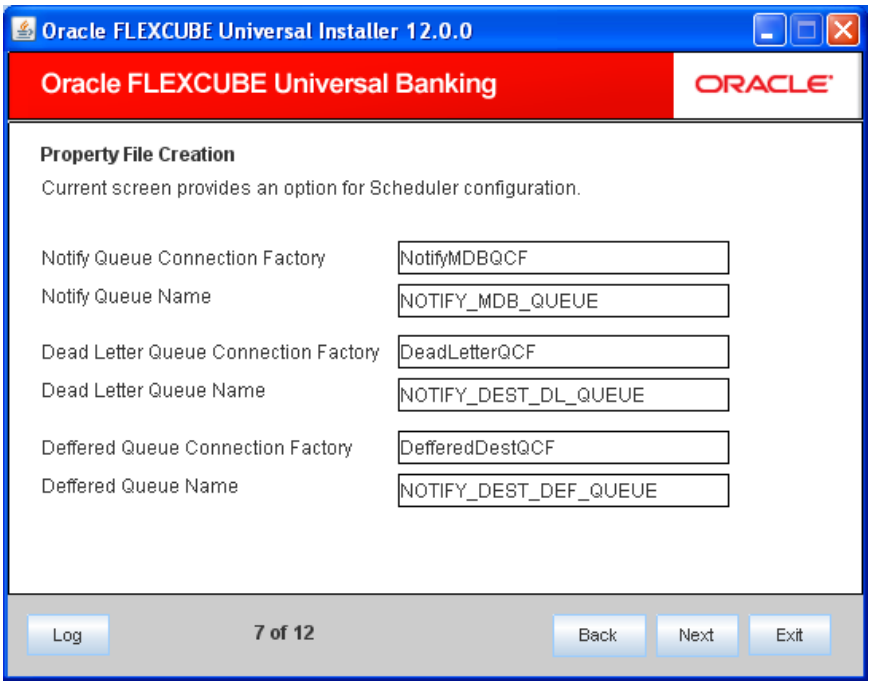
Security Principal

Specify the login ID to access the application server.

Security Credentials

Specify the password to access the application server.

If you choose '**Internal**', you will be navigated to the following screen. Here you can specify the external queue details.



Specify the following details:

Notify Queue Connection Factory

Set ‘NOTIFY_MDB_QCF’ as the notify connection factory.

Notify Queue Name

Set ‘NOTIFY_QUEUE’ as the notify queue name.

DeadLetter Queue Connection Factory

Set ‘NOTIFY_MDB_QCF’ as the DeadLetter connection factory.

DeadLetter Queue Name

Set ‘NOTIFY_QUEUE_DLQ’ as the DeadLetter queue name.

Deffered Queue Connection Factory

Set ‘DefferedDestQCF’ as the deffered connection factory.

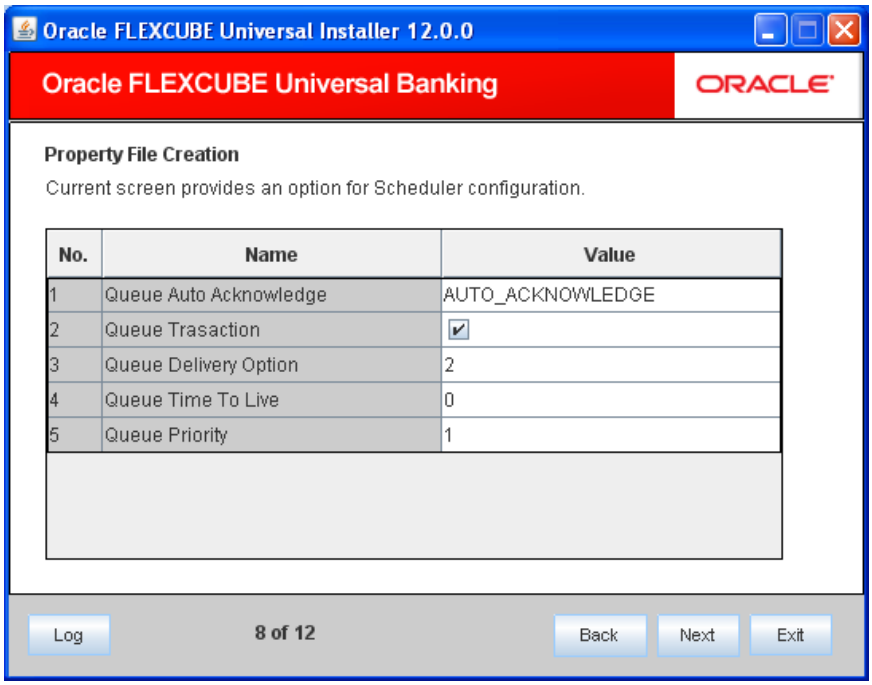
Deffered Queue Name

Set ‘DEFFERED_DEST_QUEUE’ as the deffered queue name.

Note: The values provided here should be the same as the values provided while creating resources for Oracle WebLogic/IBM WebSphere.

For further details, refer to the chapters ‘Resource Creation for Oracle WebLogic’ and ‘Resource Creation for IBM WebSphere’.

3. Once you have captured the details, click ‘Next’.



4. Specify the following details:
   - Queue Auto Acknowledge
   - Queue Transaction
   - Queue Delivery Option
   - Queue Time to Live
   - Queue Priority

Note: For IBM WebSphere application server, you need to specify the following additional details.

Scheduler EJB Lookup Type

Set this to 'LOCAL' if you deploy the Application on IBM WebSphere application server. In case of you deploy the Application on other application servers, set this to 'REMOTE'.

When the scheduler EJB lookup type is set to 'LOCAL', it is mandatory to set the following properties.

Initial Context Factory

Specify the initial context factory (com.ibm.websphere.naming.WsnInitialContextFactory).

Provider URL

Specify the provide URL (iiop://localhost:2809).

2809 is the default IIOP port.

Security Principal

Specify the login ID to access the application server.

Security Credentials

Specify the password to access the application server.

Scheduler EJB JNDI Name

This is defaulted to 'ejb/SchedulerEJBHome'. You will have to provide the JNDI name of the scheduler EJB while deploying the application.

Note: Ensure that the properties set here match the properties set during JMS Destination and JMS Connection Factories.

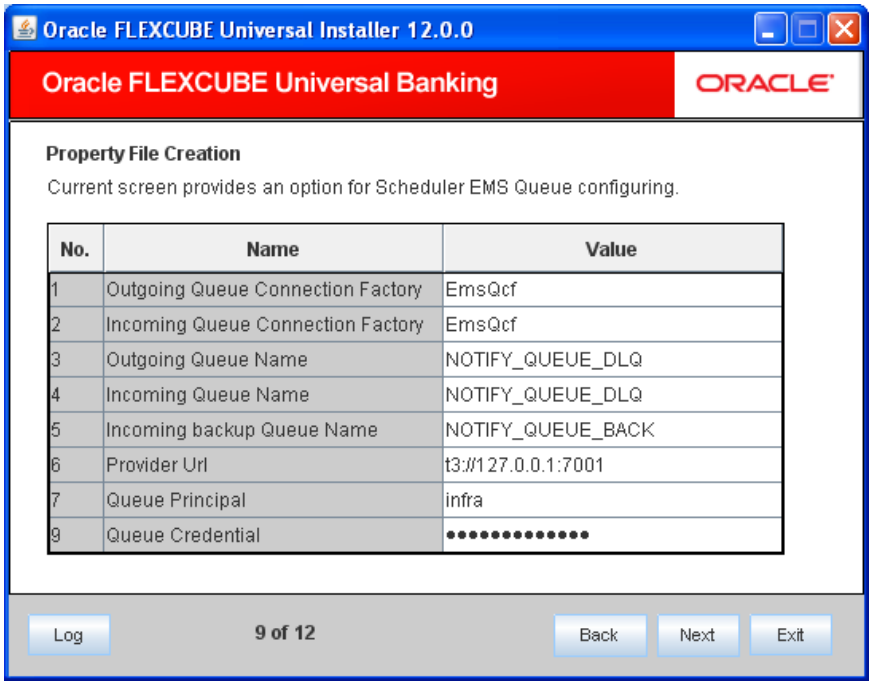
For further details on creating JMS destination and connection factories, refer to the chapter 'Resource_Creation_WL.doc'.

5. Once you have set the above properties, click 'Next'.

4.2.9 Setting EMS Properties

You will be navigated to the 'Scheduler EMS Properties' screen. Here, you need to set the EMS details.

1. Set the EMS properties:



2. Specify the following details:

OutGoing Connection Factory

Specify the name of the outgoing connection factory to which EMS listens. You need to create this connection factory at the application server.

For details on connection factory creation, follow the steps described for creation of notify connection factories.

Incoming Connection Factory

Specify the name of the incoming connection factory to which EMS listens. You need to create this connection factory at the application server.

For details on connection factory creation, follow the steps described for creation of notify connection factories.

Outgoing Queue Name

Specify the name of the outgoing queue for which EMS is configured. By default, this is set as 'NOTIFY_QUEUE_DLQ'.

Incoming Queue Name

Specify the name of the incoming queue for which EMS is configured. By default, this is set as 'NOTIFY_QUEUE_DLQ'.

Incoming Backup Queue Name

Specify the name of the incoming backup queue for which EMS is configured.

Outgoing Queue Provider URL

In case EMS OUT MDB is to be configured to queue, you need to specify the URL for outgoing provider based on the application server. By default, the Installer displays the outgoing queue provider URL for Oracle WebLogic.

This value is application server dependent.

The details of Outgoing Queue Provider URL to be used for different application servers are given below:

Application Server	EMS Out Initial Context Factory
Oracle WebLogic	t3://<ip_adress>:port E.g.: t3://127.0.0.1:7001 Here, 127.0.0.1 represents the local host and 7001 to the target server default port (AdminServer/ManagedServer).
IBM WebSphere	iiop://<ip_adress>:port E.g.: iiop://127.0.0.1:2809 Here, 2809 represents the default iiop port

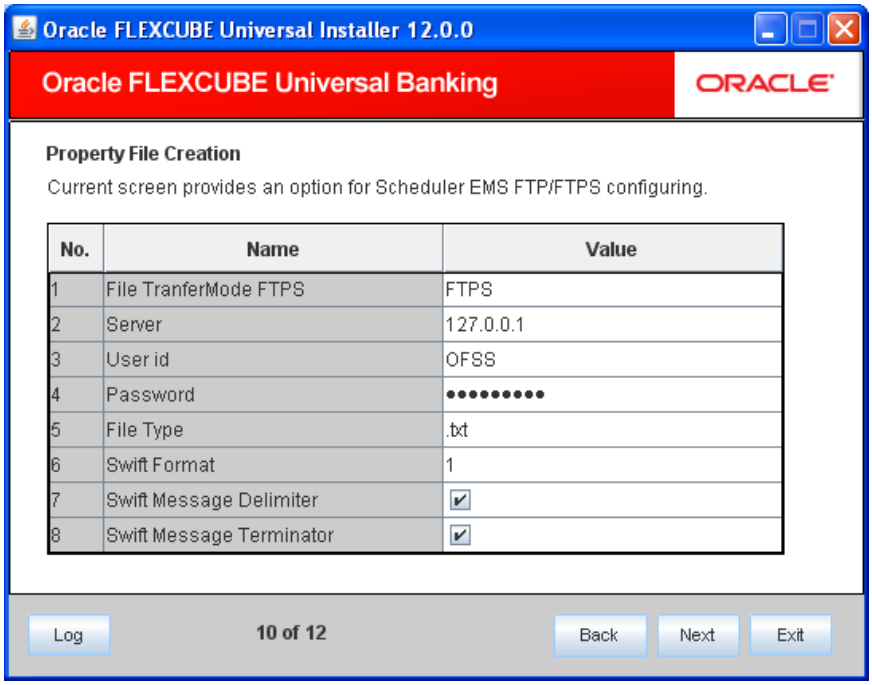
Queue Principal

If EMS OUT MDB has to be configured to queue, you need to specify the EMS out queue principal. This is the user name for the application server in which the queue is configured.

Queue Credential

If EMS OUT MDB has to be configured to queue, you need to specify the EMS out queue credential. This is the password for the above user name created for application server in which the queue configured.

3. Once you have specified the above details, click ‘Next’.



4. Specify the following details:

File Transfer Mode FTPS

Specify the mode of transferring files to EMS. Choose one of the following:

- FTPS
- SFTP
- HTTP

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.

File Type

Specify the type of file that is transferred. By default, the Installer sets it as ‘.txt’.

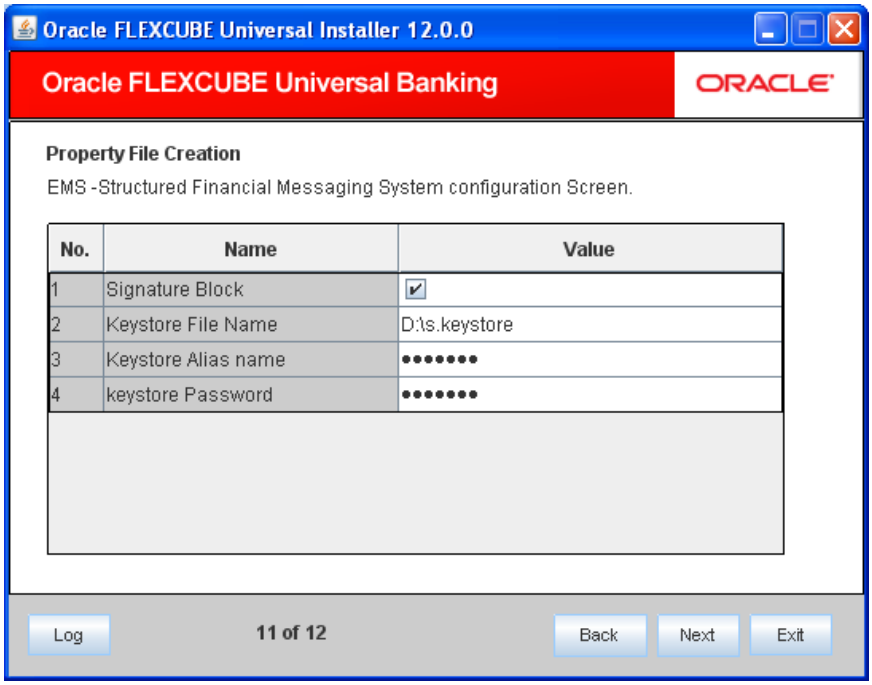
SWIFT Message Delimiter

Specify the character which is used as the message delimiter.

SWIFT Message Terminator

Specify the character which is used as the message terminator.

5. Once you have specified the above details, click ‘Next’. The following screen is displayed.



6. Specify the following details:

Signature Block

Check this box to enable signature block.

Keystore File Name

Specify the keystore file name.

Keystore Alias Name

Specify the keystore alias name.

Keystore Password

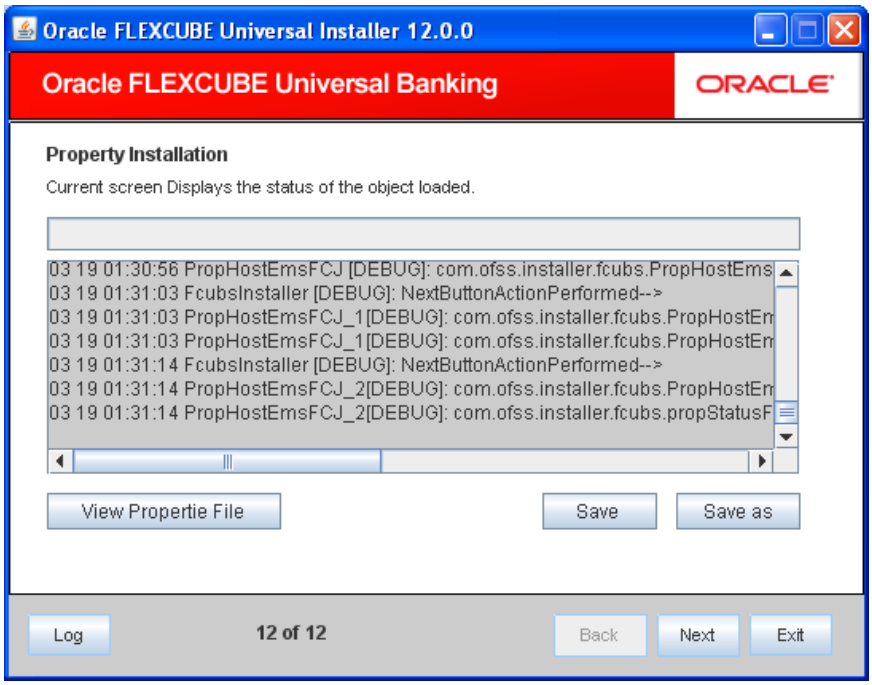
Specify the keystore password.

7. Once you have specified the above details, click ‘Next’.

4.2.10 Saving Property File

After completing all the required settings explained above, you need to save the property file.

1. Save the property file.



2. You can view the status of property file creation in the above screen.

5. Creating Property File for Gateway Applications

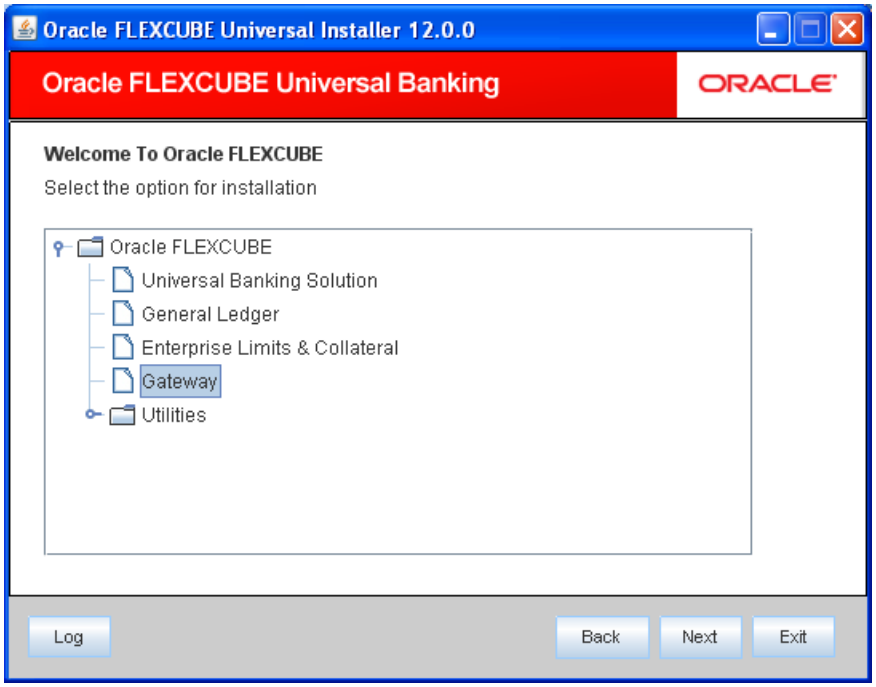
5.1 Introduction

This chapter explains the steps to create the property file for the gateway components viz. Enterprise Java Bean (EJB), Message Driven Beans (MDB) and Web Services and Servlet.

5.2 Creating Property Files

Follow the steps given below:

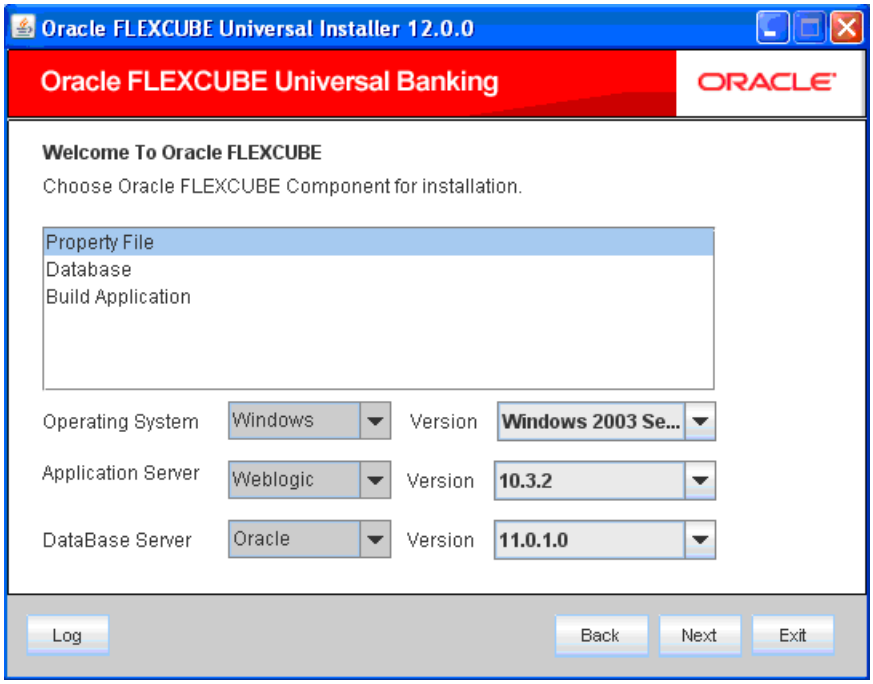
1. Start Oracle FLEXCUBE Universal Installer 1.0. Welcome screen is displayed.



2. Select ‘Gateway’ and click ‘Next’.

5.2.1 Gateway EJB Application

The following screen is displayed:



1. Choose the option ‘Property File’.
2. Specify the following details:

Operating System and Version

Specify the operating system in which you are creating the property file. Choose the appropriate one from the drop-down list. You also need to specify the version of the selected operating system.

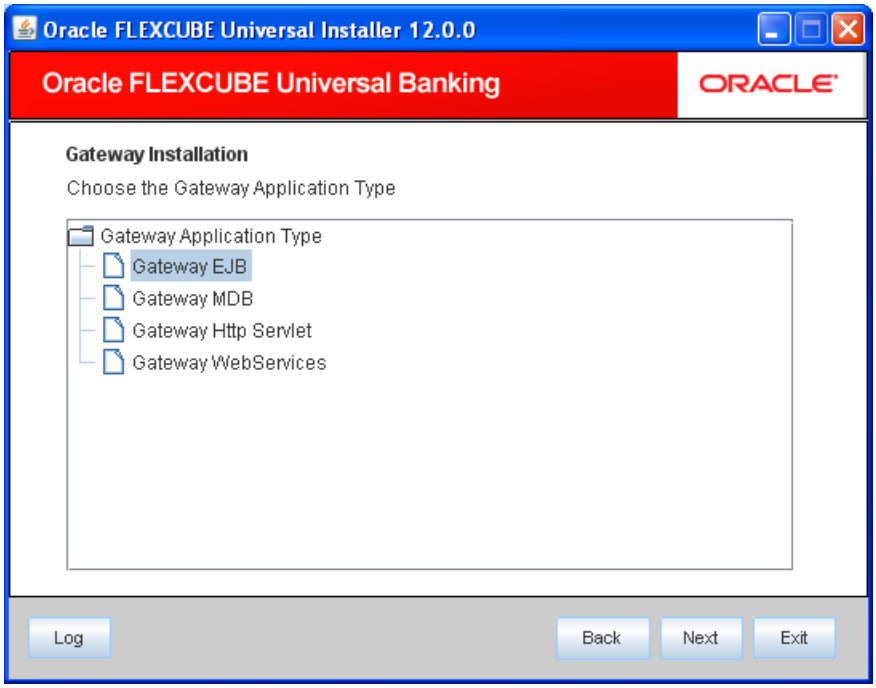
Application Server and Version

Specify the application server in which you are creating the property file. Choose the appropriate one from the drop-down list. You also need to specify the version of the selected application server.

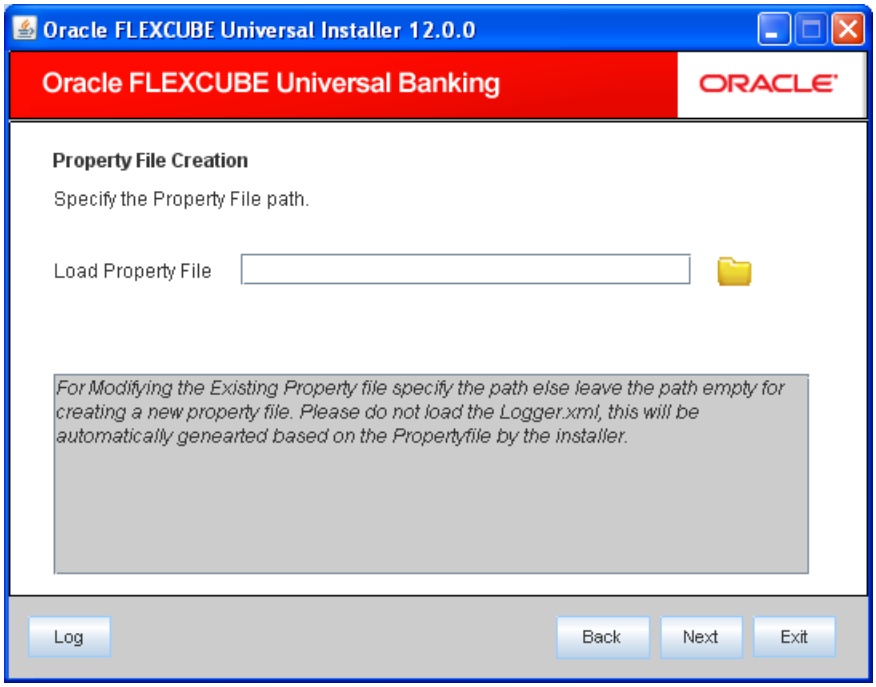
Database Server and Version

Specify the database server in which you are creating the property file. Choose the appropriate one from the drop-down list. You also need to specify the version of the selected database server.

3. Once you have specified the details, click ‘Next’ to continue. The following screen is displayed.



4. Select ‘Gateway EJB’.
5. Click ‘Next’. The following screen is displayed.



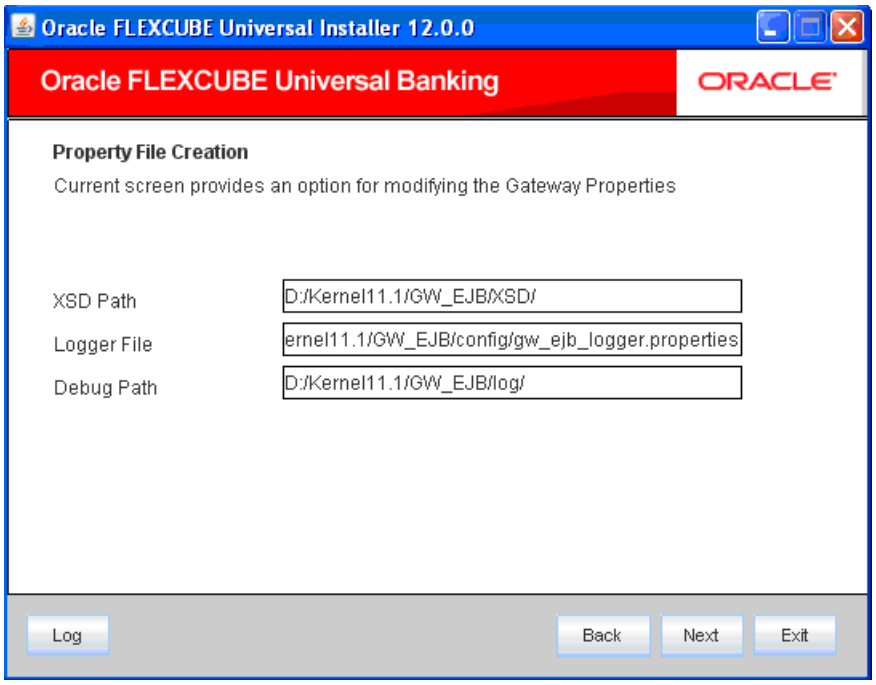
6. Specify the following details:

Load Property File

If you are creating a new property file, leave the field blank. If you wish to modify an existing property file, you can manually specify the location of the property file.

Note: Before proceeding, ensure that the folder structures used in the following steps are created.

7. Click ‘Next’. The following screen is displayed:



8. Specify the following details.

XSD Path

Specify the path to the XSD file. File name is not required. File separator must be ‘/’. There must be a ‘/’ at the end.

E.g.: D:/Kernel11.1/GW_EJB/XSD/

Logger File

Specify the path to the ‘gw_ejb_logger.properties’ file with the file name.

E.g.: D:/Kernel11.1/GW_EJB/config/gw_ejb_logger.properties

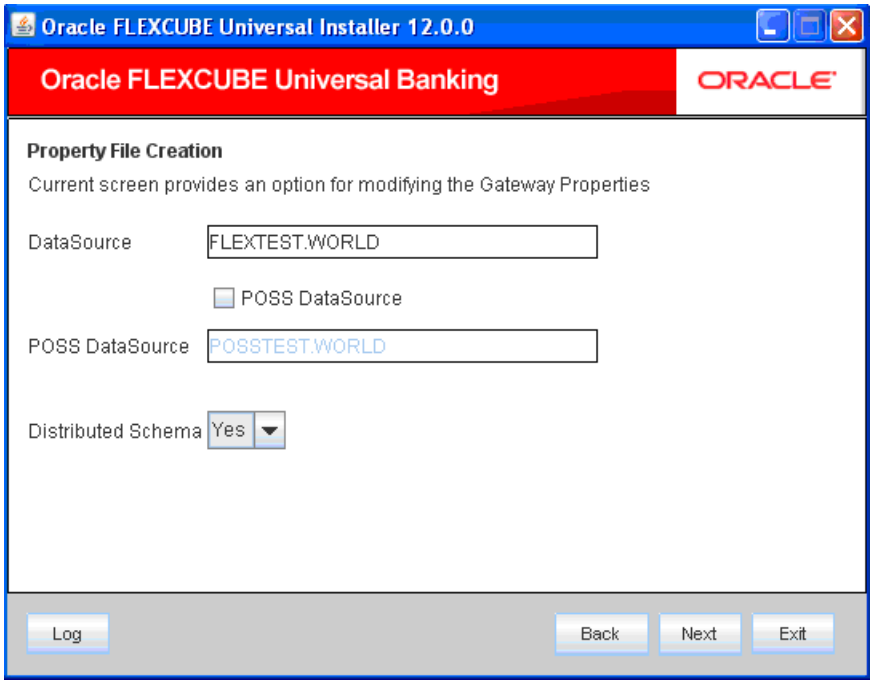
Debug Path

Specify the path to the folder where the application creates the logs.

E.g.: D:/Kernel11.1/GW_EJB/log/

9. Click ‘Next’.

Note: The Installer creates two files viz. ‘gw_ejb_logger.xml’ and ‘GW_EJB_Prop.xml’ in the path provided to save the files.



10. Specify the following details:

DataSource

The JDBC data source is an object bound to JNDI tree and provides database connectivity through a pool of JDBC connections.

POSS Datasource

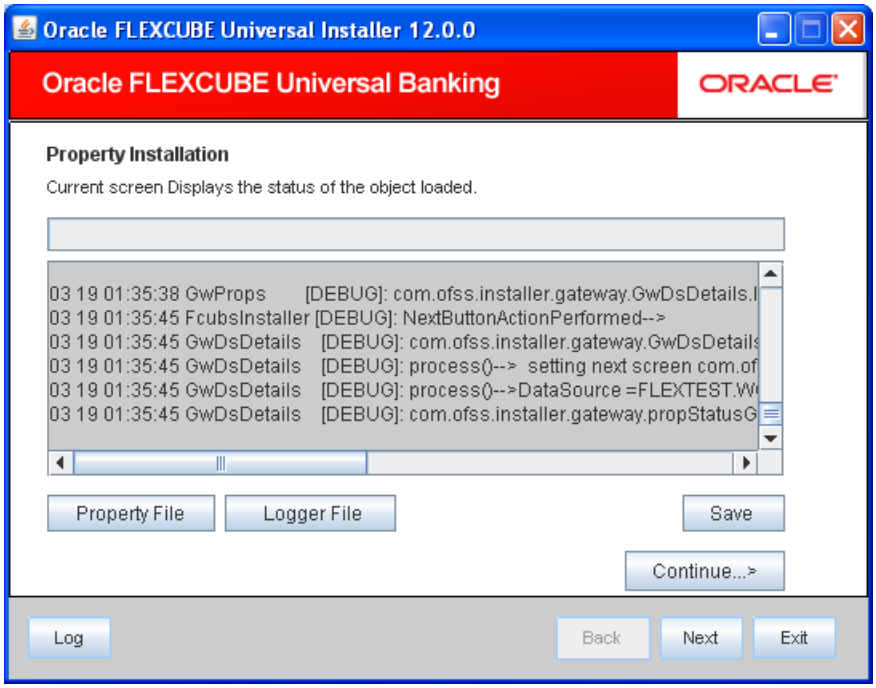
Check this box if POSS is required. If you check this box, you need to specify the POSS Datasource Name in the field below this.

Distributed Schema

If the schema is distributed, select 'Yes'.

If the schema is not distributed, select 'No'.

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

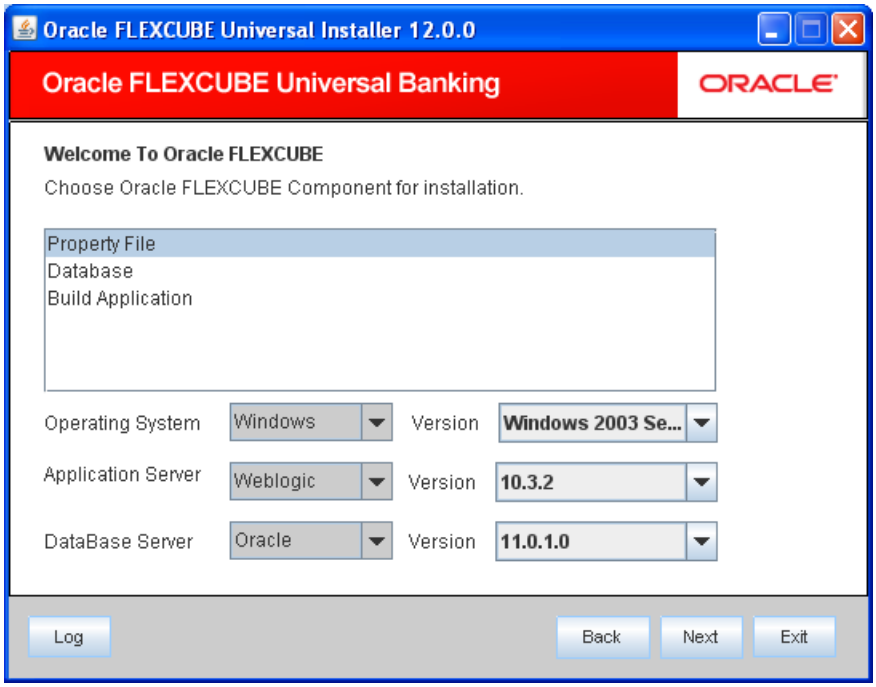


12. Click ‘Continue’ to continue the installation process with gateway application type.
13. Click ‘Next’ to navigate to the installer home screen.

5.2.2 Gateway MDB Application

Follow the steps given below:

1. Start Oracle FLEXCUBE Universal Banking Solution Installer. Select ‘Gateway’ and click ‘Next’. Following screen is displayed.



2. Choose the option ‘Property File’.

3. Specify the following details:

Operating System and Version

Specify the operating system in which you are creating the property file. Choose the appropriate one from the drop-down list. You also need to specify the version of the selected operating system.

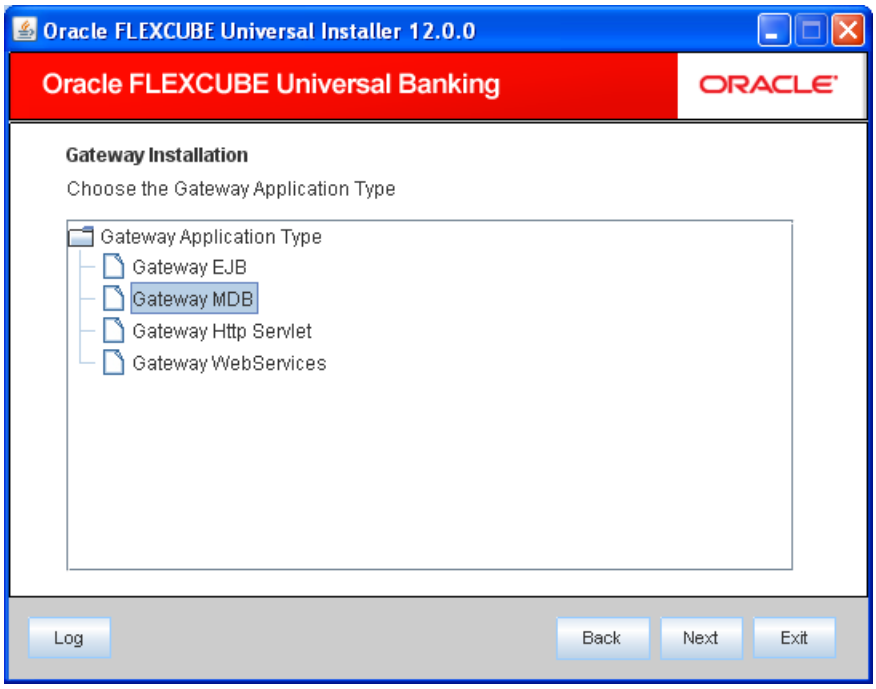
Application Server and Version

Specify the application server in which you are creating the property file. Choose the appropriate one from the drop-down list. You also need to specify the version of the selected application server.

Database Server and Version

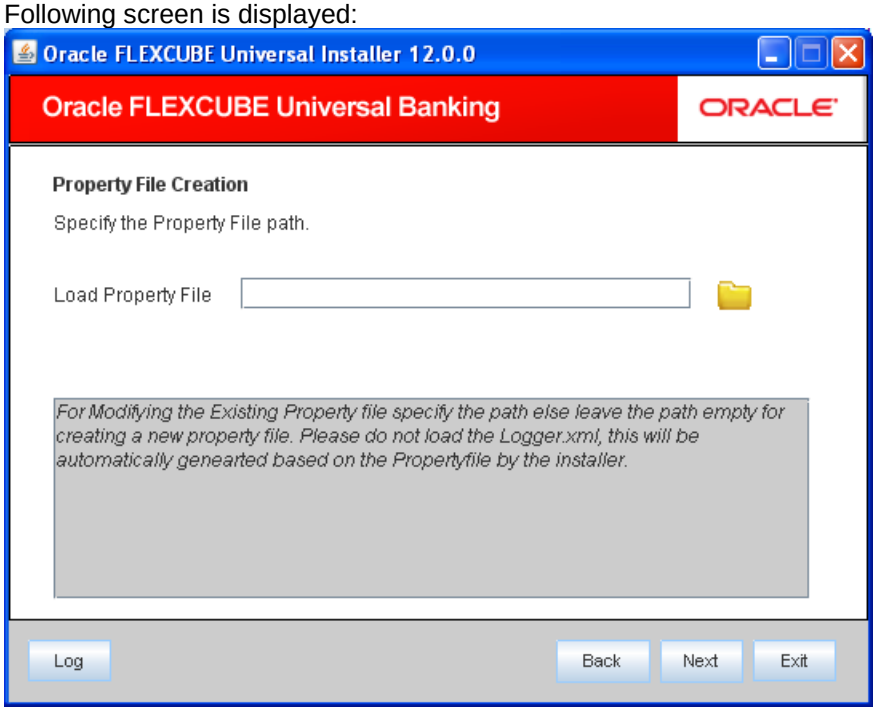
Specify the database server in which you are creating the property file. Choose the appropriate one from the drop-down list. You also need to specify the version of the selected database server.

4. Click ‘Next’. The following screen is displayed.



5. Select ‘Gateway MDB’ to create configuration files for the application. Click ‘Next’.

Following screen is displayed:



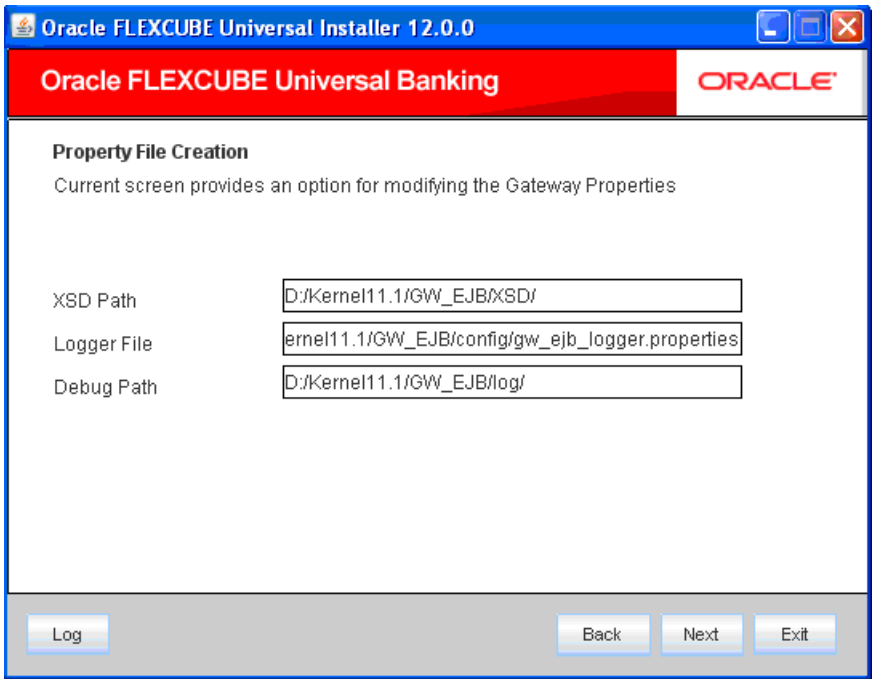
6. Specify the following details:

Load Property File

If you are creating a new property file, leave the field blank. If you wish to modify an existing property file, you can manually specify the location of the property file.

Note: Before proceeding, ensure that the folder structures used in the following steps are created.

7. Click ‘Next’. The following screen is displayed:



8. Specify the following details.

XSD Path

Specify the path to the XSD file. File name is not required. File separator must be '/'. There must be a '/' at the end.

E.g.: D:/Kernel12.0/XSD/

Logger File

Specify the path to the 'gw_ejb_logger.properties' file with the file name.

E.g.: D:/Kernel11.3/GW_EJB/config/gw_ejb_logger.properties

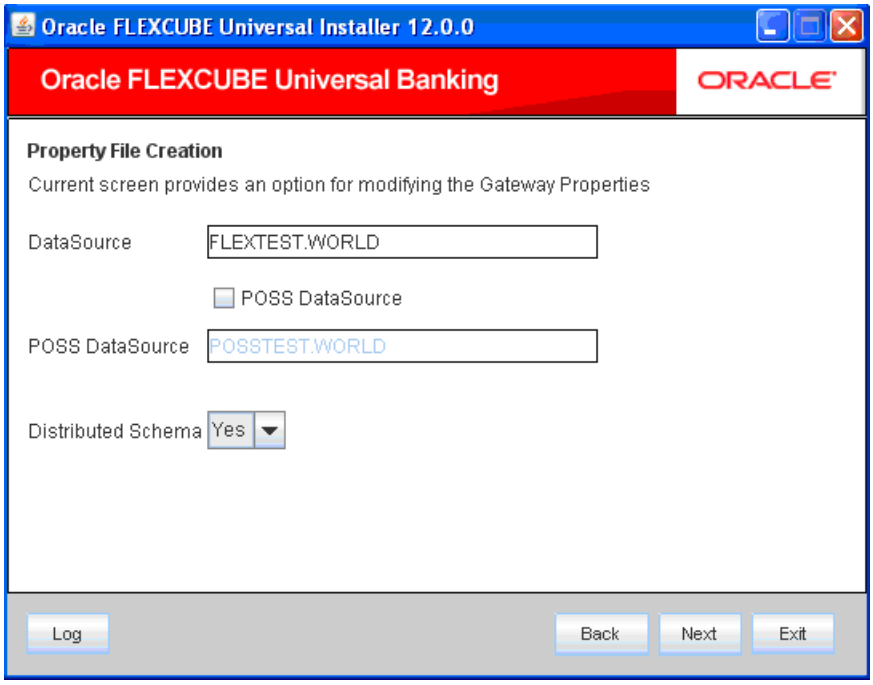
Debug Path

Specify the path to the folder where the application creates the logs.

E.g.: D:/Kernel11.3/GW_EJB/log/

9. Click 'Next'.

Note: The Installer creates two files viz. 'gw_ejb_logger.xml' and 'GW_EJB_Prop.xml' in the path provided to save the files.



10. Specify the following details:

DataSource

The JDBC data source is an object bound to JNDI tree and provides database connectivity through a pool of JDBC connections.

POSS Datasource

Check this box if POSS is required. If you check this box, you need to specify the POSS Datasource Name in the field below this.

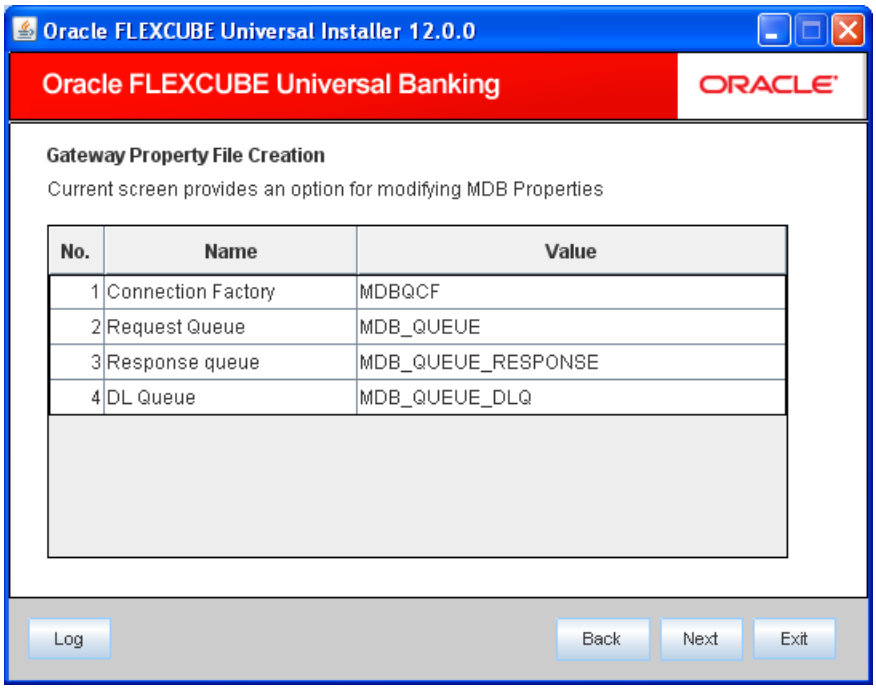
Distributed Schema

If the schema is distributed, select 'Yes'.

If the schema is not distributed, select 'No'.

Note: The Installer creates two files viz. 'gw_ejb_logger.xml' and 'GW_EJB_Prop.xml' in the path provided to save the files.

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



12. Specify the following details:

Connection Factory

Specify the connection configuration parameters to create connections for JMS clients.

E.g.: MDBQCF.

Request Queue

Specify the request queue. This is the point-to-point destination type used for asynchronous peer communication.

E.g.: MDB_QUEUE

Response Queue

Specify the response queue name.

E.g.: MDB_QUEUE_RESPONSE

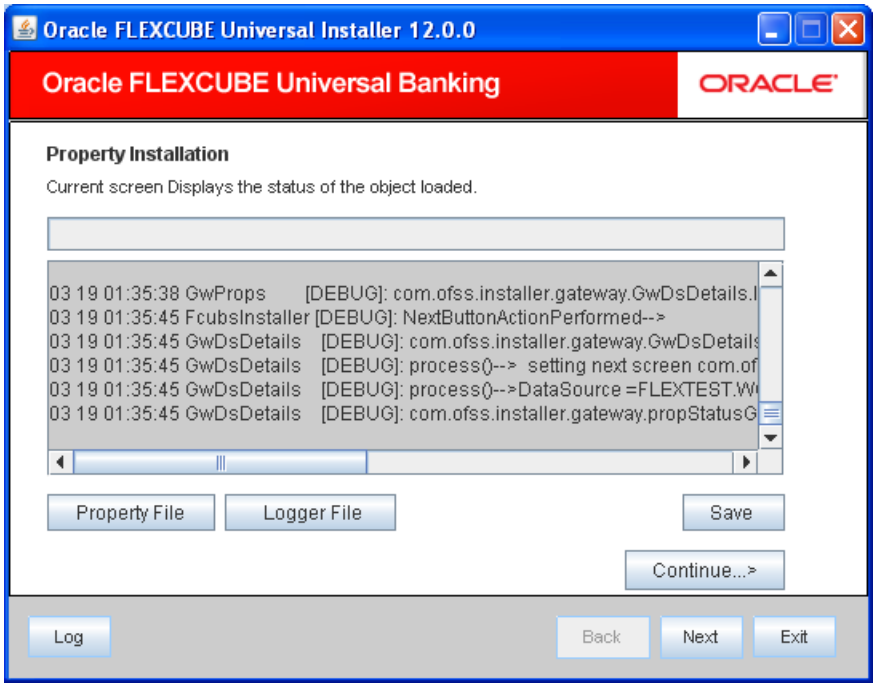
DL Queue

Specify the dead letter queue name.

E.g.: MDB_QUEUE_DLQ

Note: The Installer creates two files viz. ‘gw_mdb_logger.xml’ and ‘GW_MDB_Prop.xml’ in the path provided to save the files.

13. Click ‘Next’. The following screen is displayed.

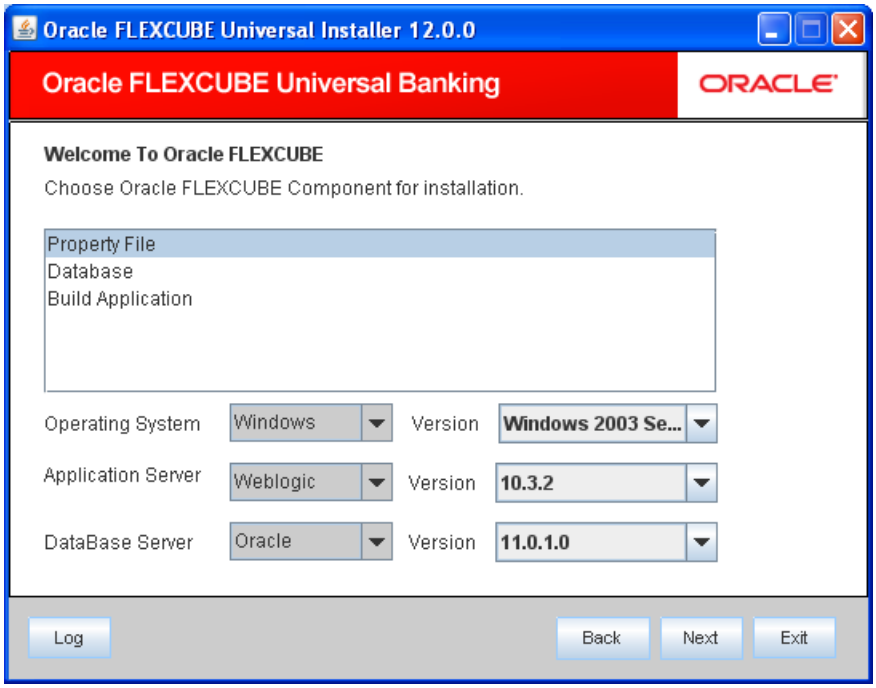


14. Click ‘Continue’ to continue the installation process with gateway application type.
15. Click ‘Next’ to navigate to the installer home screen.

5.2.3 Gateway HTTP Application

Follow the steps given below:

1. Start Oracle FLEXCUBE Universal Banking Solution Installer. Select ‘Gateway’ and click ‘Next’. Following screen is displayed.



2. Choose the option ‘Property File’.
3. Specify the following details:

Operating System and Version

Specify the operating system in which you are creating the property file. Choose the appropriate one from the drop-down list. You also need to specify the version of the selected operating system.

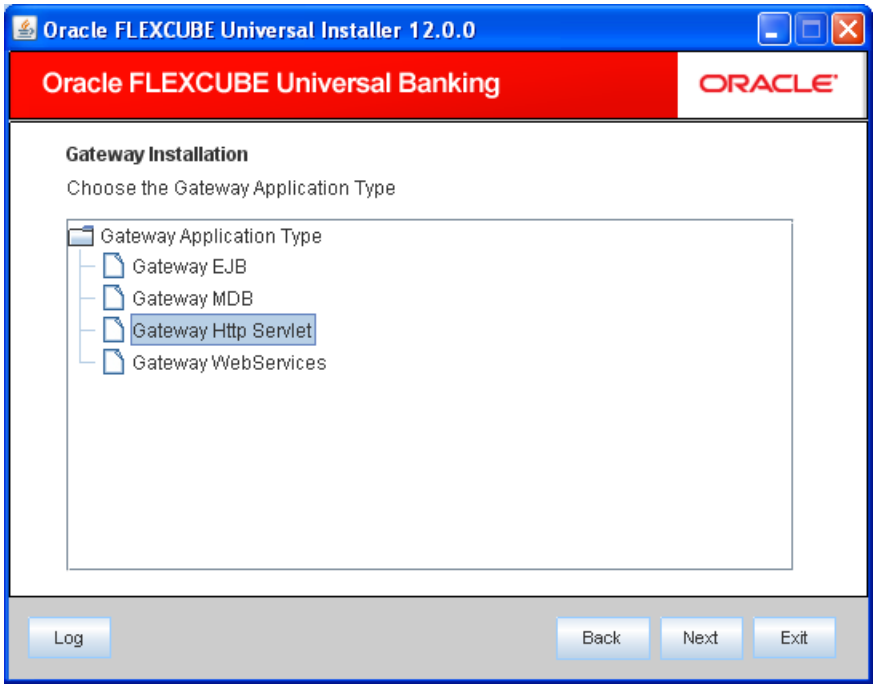
Application Server and Version

Specify the application server in which you are creating the property file. Choose the appropriate one from the drop-down list. You also need to specify the version of the selected application server.

Database Server and Version

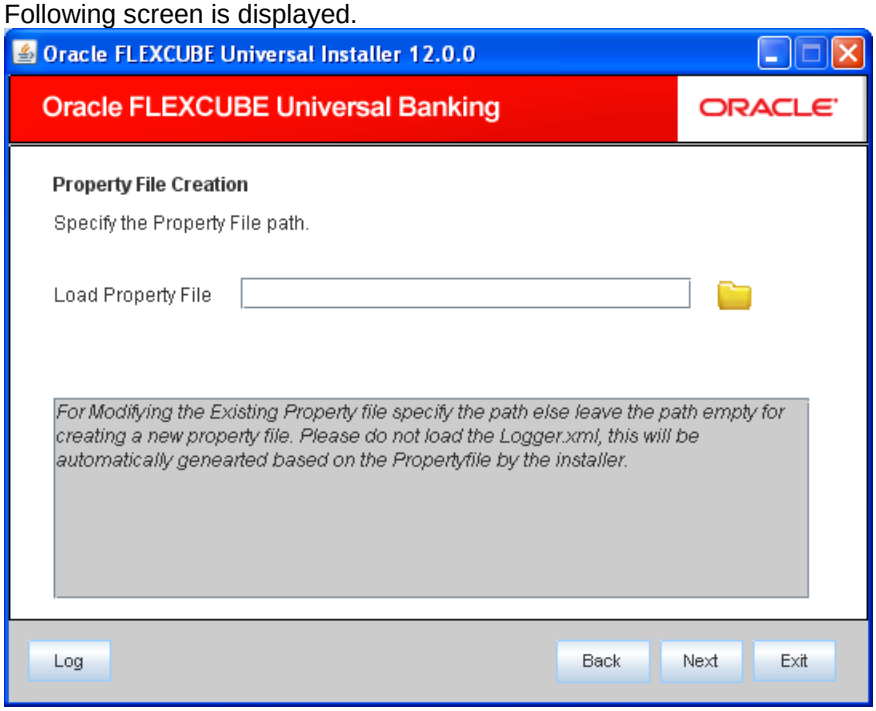
Specify the database server in which you are creating the property file. Choose the appropriate one from the drop-down list. You also need to specify the version of the selected database server.

4. Once you have specified the details, click ‘Next’ to continue. The following screen is displayed.



5. Select ‘Gateway Http Servlet’ to create configuration files for the application, and click ‘Next’.

   Following screen is displayed.



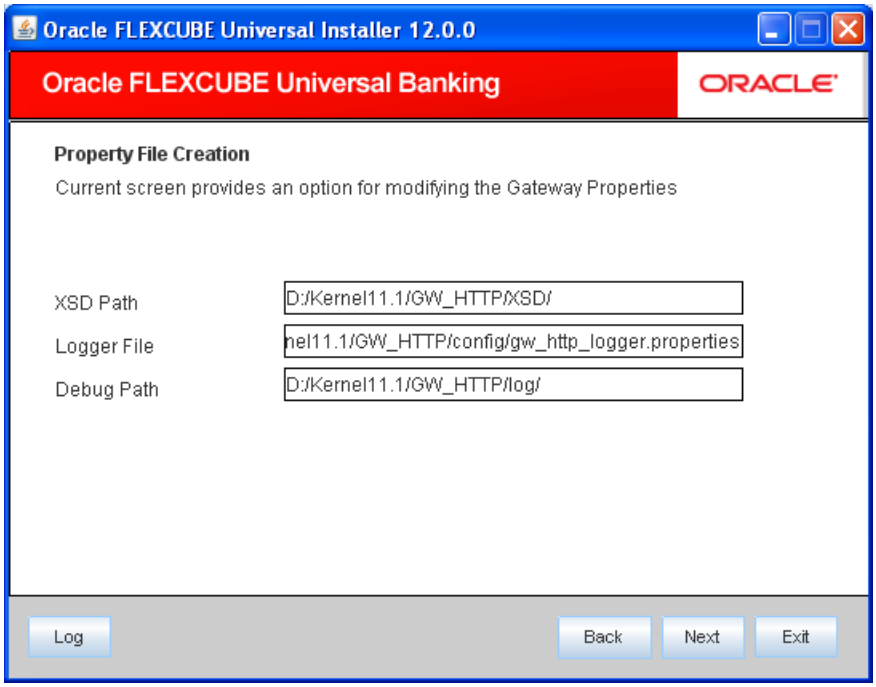
6. Specify the following details:

Load Property File

If you are creating a new property file, leave the field blank. If you wish to modify an existing property file, you can manually specify the location of the property file.

Note: Before proceeding, ensure that the folder structures used in the following steps are created.

7. Click ‘Next’. The following screen is displayed:



8. Specify the following details.

XSD Path

Specify the path to the XSD file. File name is not required. File separator must be ‘/’. There must be a ‘/’ at the end.

E.g.: D:/Kernel11.3/GW_HTTP/XSD/

Logger File

Specify the path to the ‘gw_ejb_logger.properties’ file with the file name.

E.g.: Absolute path to the gw_http_logger.xml file along with file name.

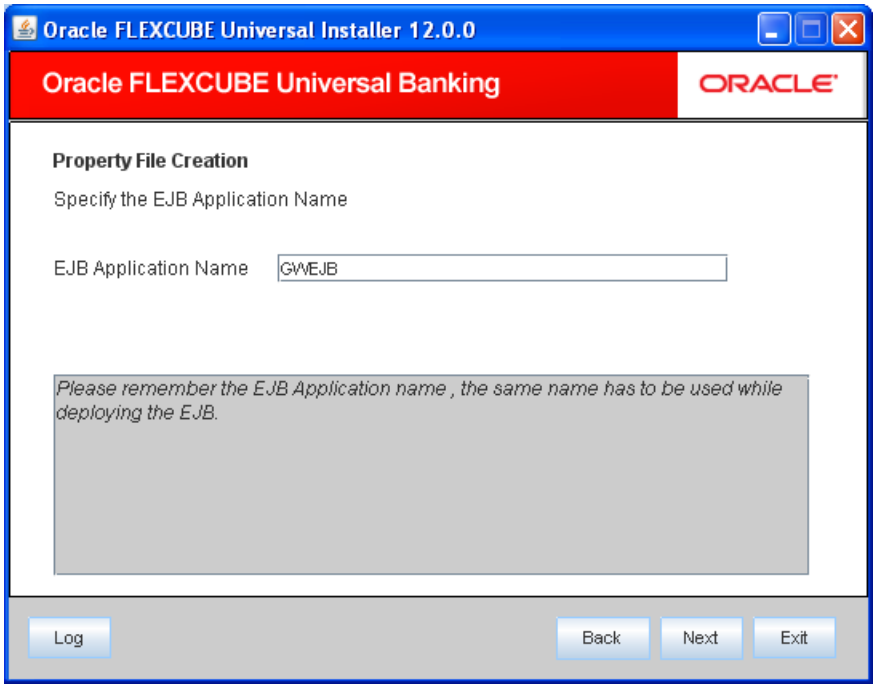
E.g.: D:/Kernel11.3/GW_HTTP/config/gw_http_logger.properties

Debug Path

Specify the path to the folder where the application creates the logs.

E.g.: D:/Kernel11.3/GW_HTTP/log/

9. Click ‘Next’. The following screen is displayed.



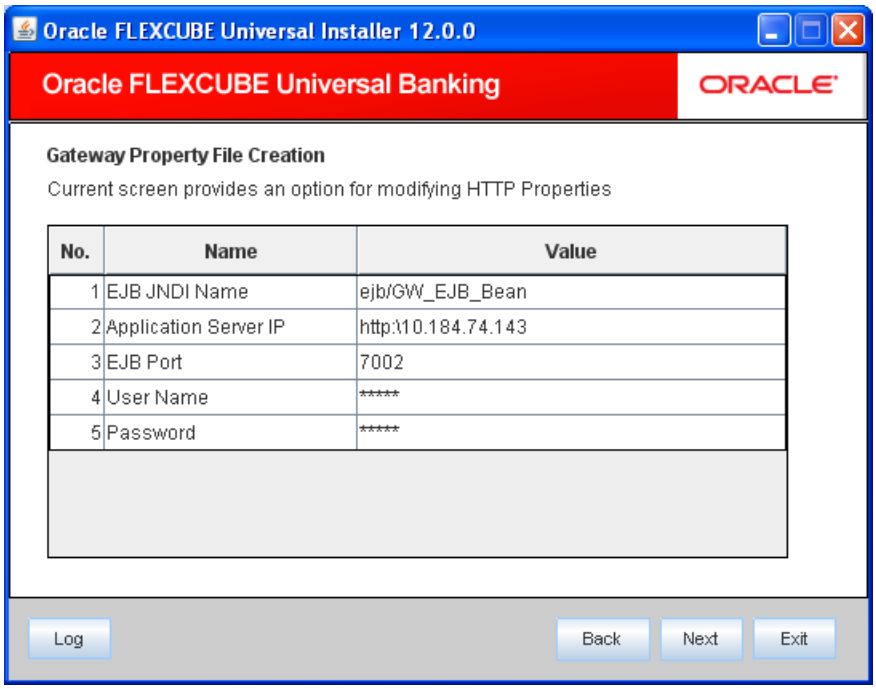
10. Specify the following details:

EJB Application Name

Specify the name of the EJB application deployed.

E.g.: GWEJB

11. Click ‘Next’. The following screen is displayed.



12. Specify the following details:

EJB JNDI Name

This is the reference name of the EJB by which it has been deployed. This should be '<EJB_APPLICATION_NAME>_GW_EJB_Bean'

E.g.: GWEJB_GW_EJB_Bean

If you build the EJB application with GWEJB name, this should be the name with which the EJB EAR file is built.

If you select EJB Call Type as REMOTE, this should be '<EJB_APPLICATION_NAME>/ejb/GW_EJB_Bean'.

E.g.: GWEJB/ejb/GW_EJB_Bean

If you build the EJB application with GWEJB name, this should be the name the EJB EAR file which is built.

Application Server IP

Specify the IP address of the application server where the EJB application is deployed.

E.g.: localhost

EJB Port

Specify the EJB port number on application server.

E.g.: 7001

User Name

Specify the user name to access the application server where the EJB application is deployed.

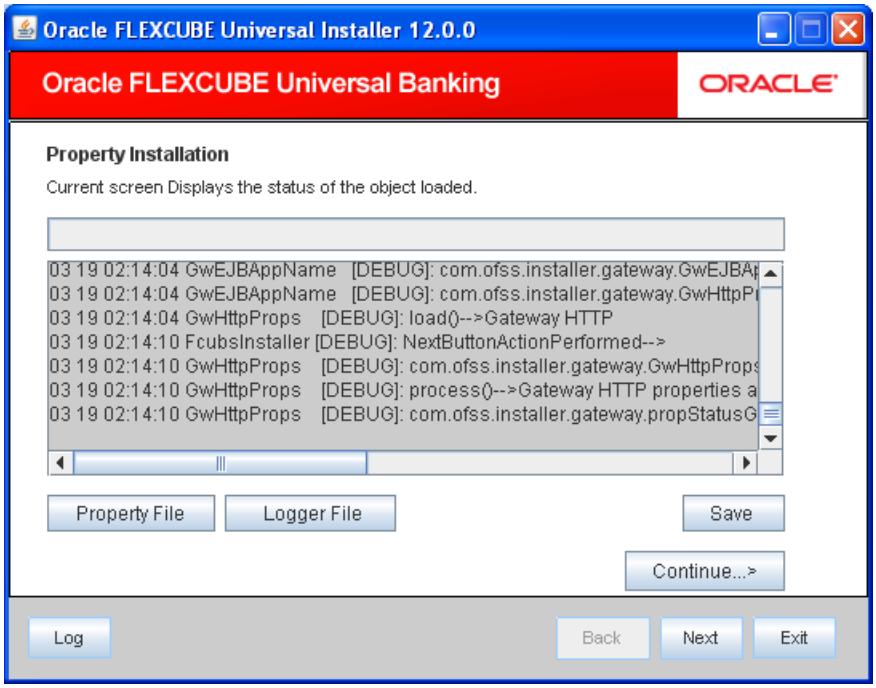
E.g.: oc4jadmin

Password

Specify the password for the above user name.

Note: The Installer creates two files viz. 'gw_http_logger.xml' and 'GW_HTTP_Prop.xml' in the path provided to save the files.

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



14. Click ‘Continue’ to continue the installation process with gateway application type.
15. Click ‘Next’ to navigate to the installer home screen.

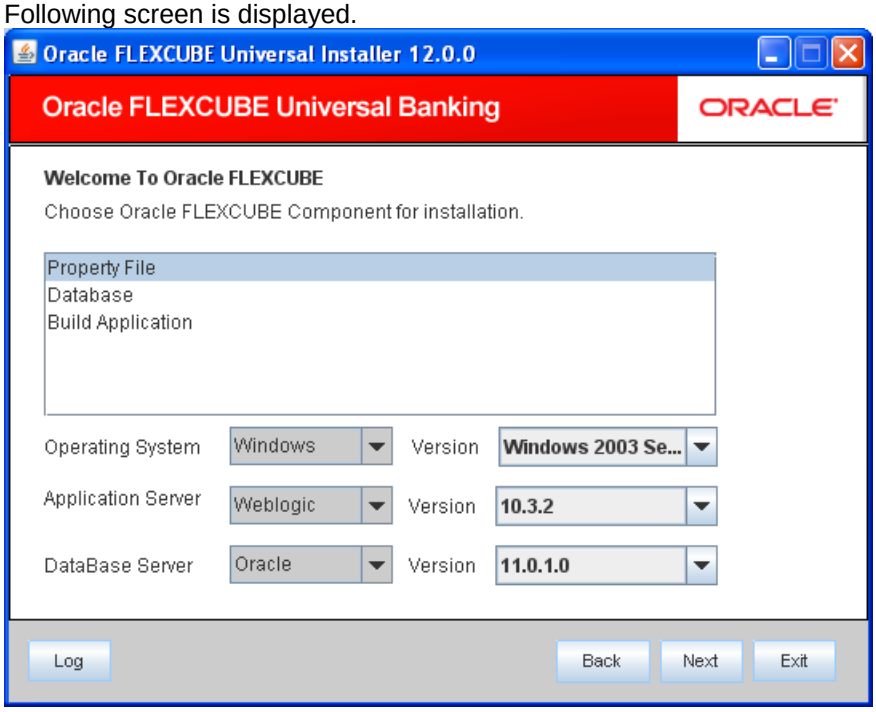
The property file will be created in the specified folder.

5.2.4 Gateway Web Service Application

Follow the steps given below:

1. Start Oracle FLEXCUBE Universal Banking Solution Installer. Select ‘Gateway’ and click ‘Next’.

Following screen is displayed.



2. Choose the option ‘Property File’.
3. Specify the following details:

Operating System and Version

Specify the operating system in which you are creating the property file. Choose the appropriate one from the drop-down list. You also need to specify the version of the selected operating system.

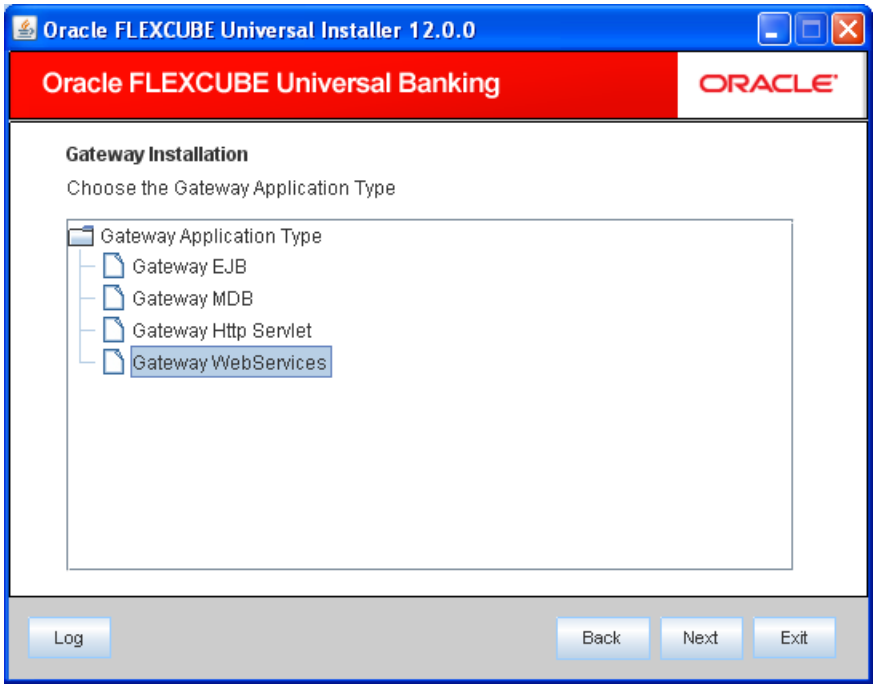
Application Server and Version

Specify the application server in which you are creating the property file. Choose the appropriate one from the drop-down list. You also need to specify the version of the selected application server.

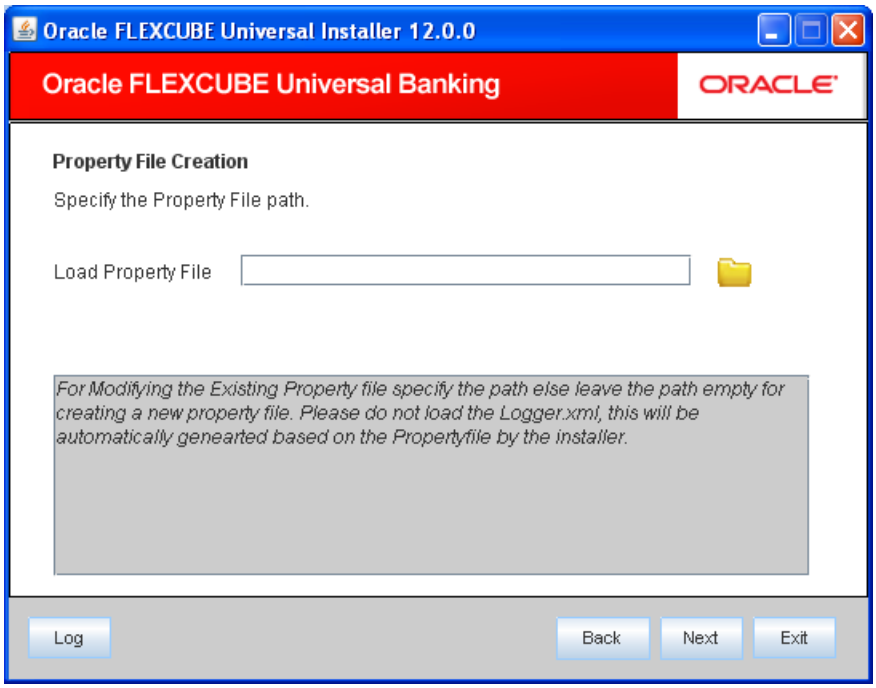
Database Server and Version

Specify the database server in which you are creating the property file. Choose the appropriate one from the drop-down list. You also need to specify the version of the selected database server.

4. Click ‘Next’.



5. Select ‘Gateway WebServices’ to create configuration files for the application. Click ‘Next’. The following screen is displayed.



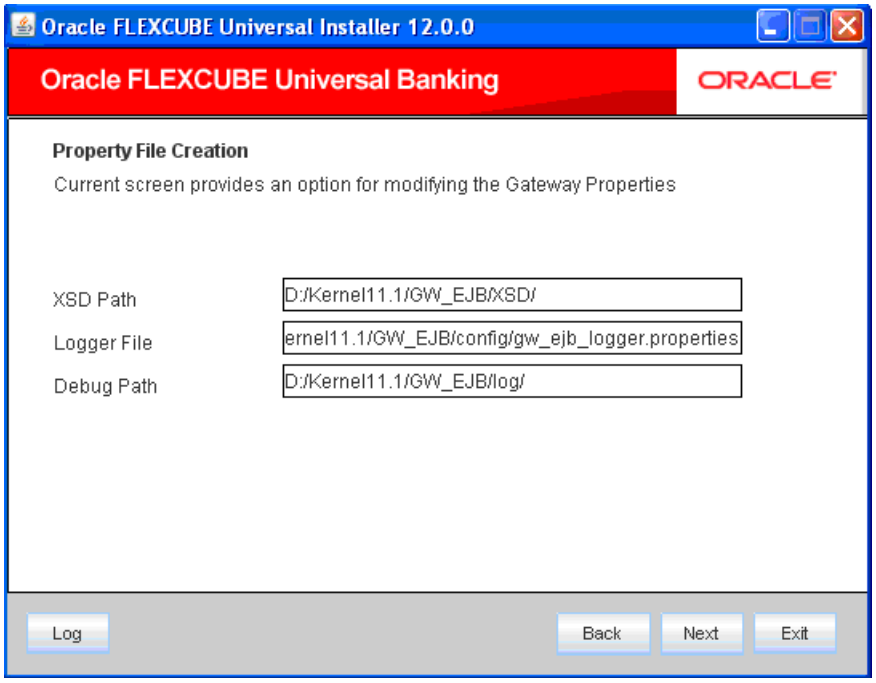
6. Specify the following details:

Load Property File

If you are creating a new property file, leave the field blank. If you wish to modify an existing property file, you can manually specify the location of the property file.

Note: Before proceeding, ensure that the folder structures used in the following steps are created.

7. Click ‘Next’. The following screen is displayed:



8. Specify the following details.

XSD Path

Specify the path to the XSD file. File name is not required. File separator must be ‘/’. There must be a ‘/’ at the end.

E.g.: D:/Kernel11.1/GW_WS/XSD/

Logger File

Specify the path to the ‘gw_ejb_logger.properties’ file with the file name.

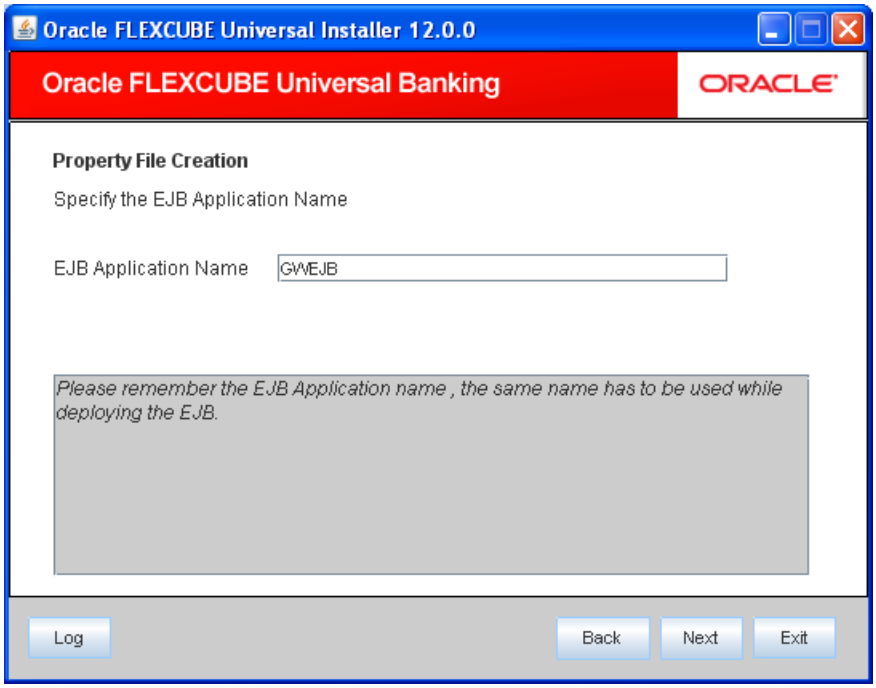
E.g.: D:/Kernel11.1/GW_WS/config/gw_ejb_logger.properties

Debug Path

Specify the path to the folder where the application creates the logs.

E.g.: D:/Kernel11.1/GW_WS/log/

9. Click ‘Next’. The following screen is displayed.



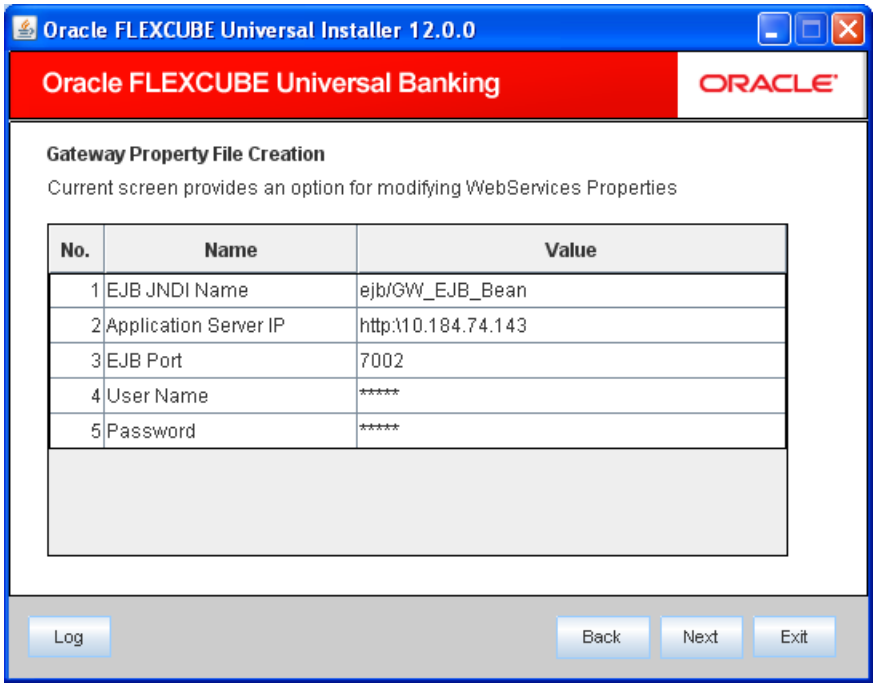
10. Specify the following details:

EJB Application Name

Specify the name of the EJB application deployed.

E.g.: GWEJB

11. Click ‘Next’. The following screen is displayed.
12. Click ‘Next’. The following screen is displayed.



13. Specify the following details:

EJB JNDI Name

This is the reference name of the EJB by which it has been deployed. This should be '<EJB_APPLICATION_NAME>_GW_EJB_Bean'

E.g.: GWEJB_GW_EJB_Bean

If you build the EJB application with GWEJB name, this should be the name with which the EJB EAR file is built.

If you select EJB Call Type as REMOTE, this should be '<EJB_APPLICATION_NAME>/ejb/GW_EJB_Bean'.

E.g.: GWEJB/ejb/GW_EJB_Bean

If you build the EJB application with GWEJB name, this should be the name the EJB EAR file which is built.

Application Server IP

Specify the IP address of the application server where the EJB application is deployed.

E.g.: localhost

EJB Port

Specify the EJB port number on application server.

E.g.: 7001

User Name

Specify the user name to access the application server where the EJB application is deployed.

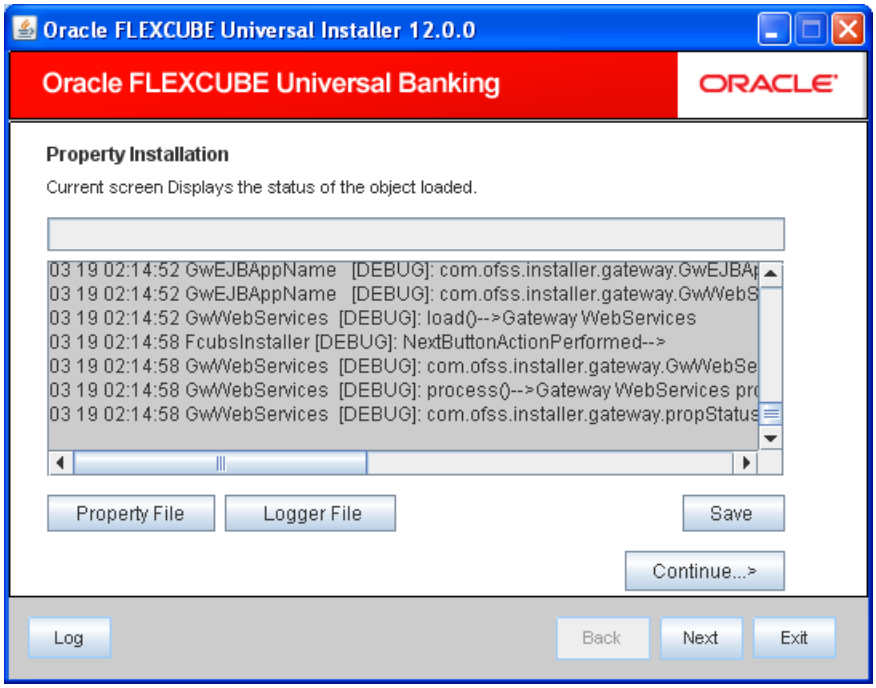
E.g.: oc4jadmin

Password

14. Specify the password for the above user name.

Note: The Installer creates two files viz. 'gw_WS_logger.xml' and 'GW_WS_Prop.xml' in the path provided to save the files.

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



16. Click ‘Continue’ to continue the installation process with gateway application type.
17. Click ‘Next’ to navigate to the installer home screen.

The property file will be created in the specified folder.

Setting up Property File
[May] [2012]
Version 12.0

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