FCUBS Application Deployment in Weblogic
Oracle FLEXCUBE Universal Banking
Release 12.1.0.0.0
[October] [2015]

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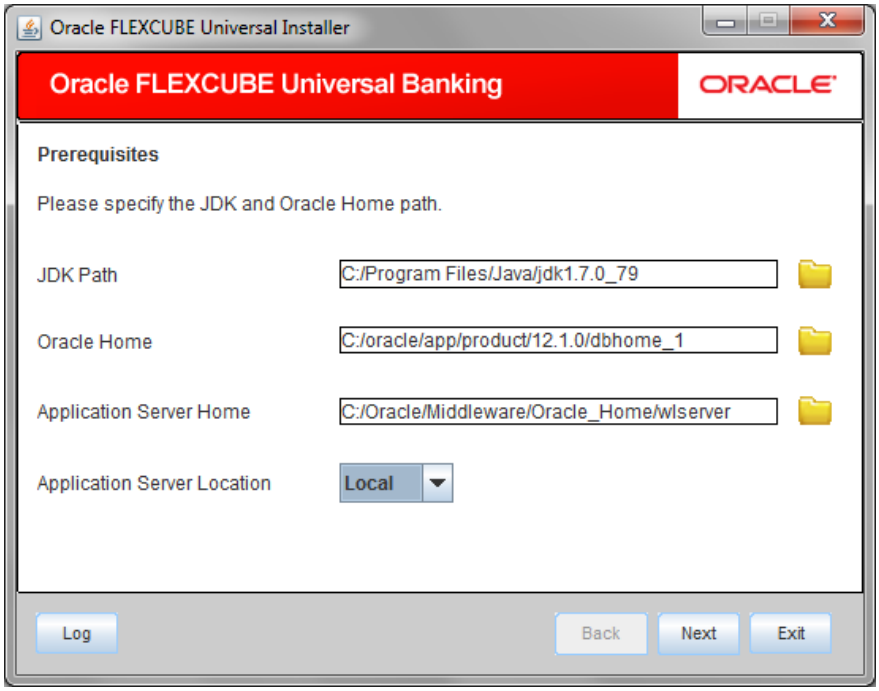
1. FLEXCUBE Universal Banking Solutions

This document describes step to install FCUBS application into weblogic server in full and partial deployment modes.

Please refer “FCUBS Manual Deployment WL” to install jersey-bundle before deployment of FCUBS application.

1.1 FCUBS Application Full Deployment

1. Launch Oracle FLEXCUBE Universal Banking Solution Installer.



Enter the following details

JDK Path:

Provide Home folder path of JDK1.7

Oracle Home

Provide home folder path of Oracle Client or Database

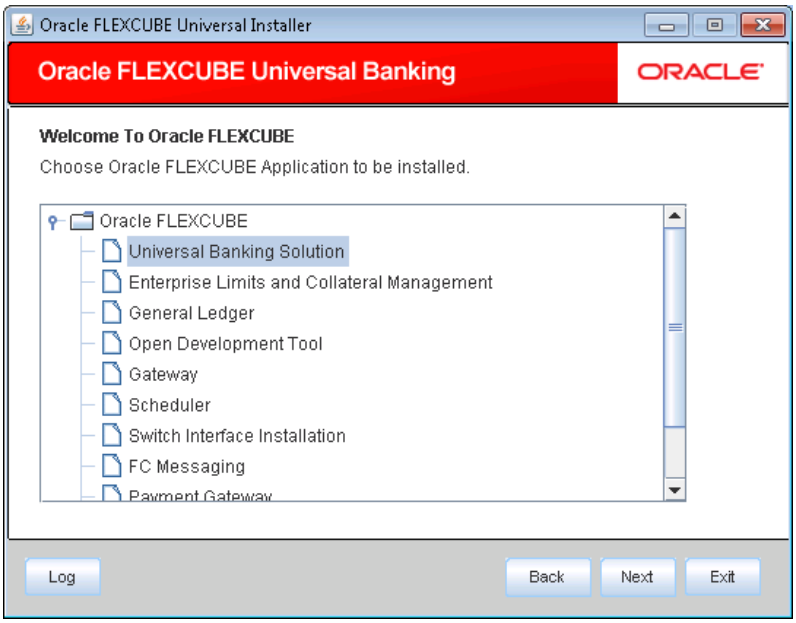
Application Server Home

Provide home folder path of Application Server

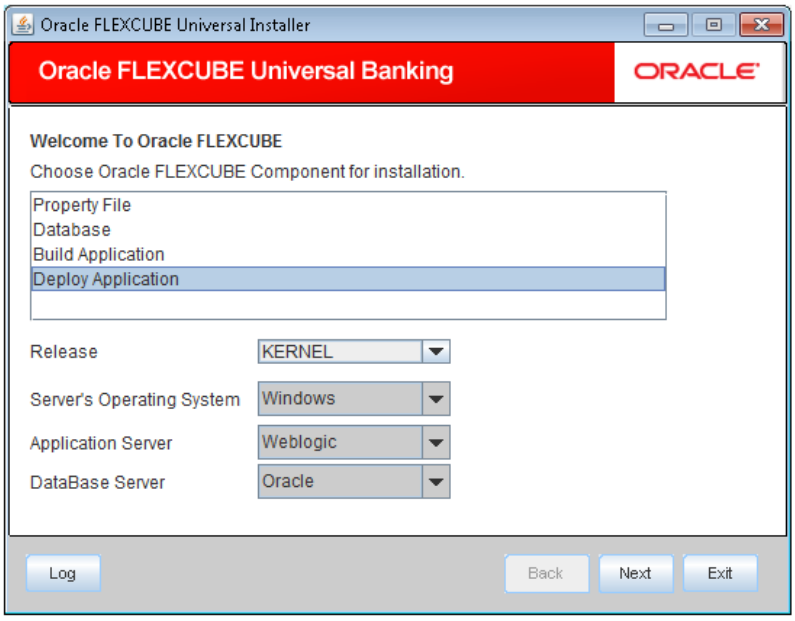
Application Server Location

Select location of the application server either local or remote

2. Click on ‘Next’ and the following screen is displayed:



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



5. Select ‘Deploy Application’.
6. Specify the following details:

Release

Select the release in which you are installing the FCUBS application. Select the appropriate one from the adjoining drop-down list.

Server's Operating System

Select the server's operating system in which you are installing the FCUBS application. Select the appropriate one from the adjoining drop-down list.

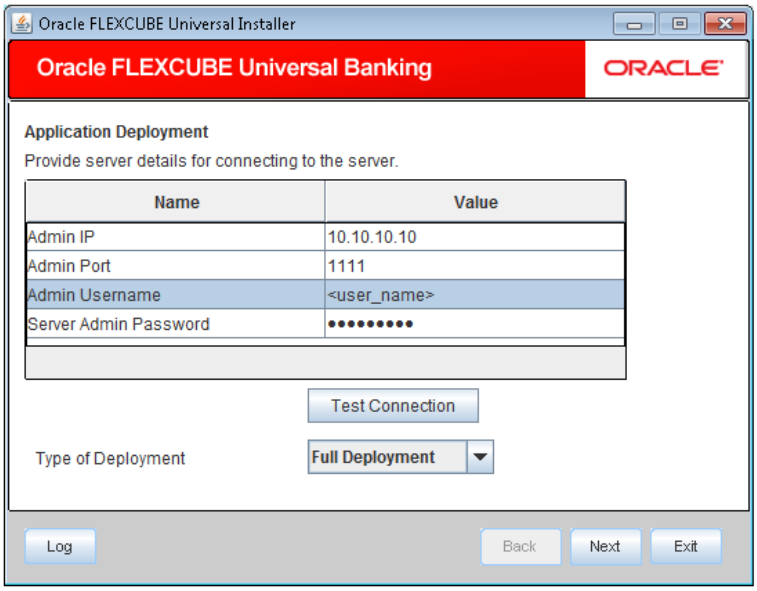
Application Server

Select 'Weblogic' from the adjoining drop down list.

Database Server

Select the database server in which you are installing the FCUBS application. Select the appropriate one from the adjoining drop-down list.

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



8. Specify the following details:

Admin IP

By default it will display local host and user can not edit it.

Admin Port

Specify the port number of weblogic server.

Admin UserName

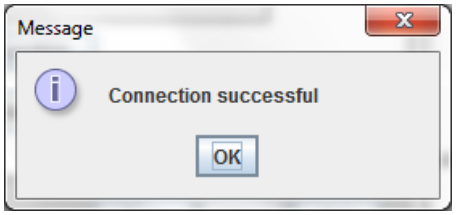
Specify the appropriate admin username of the weblogic application server.

Admin Password
Specify the appropriate admin password of the weblogic application server.

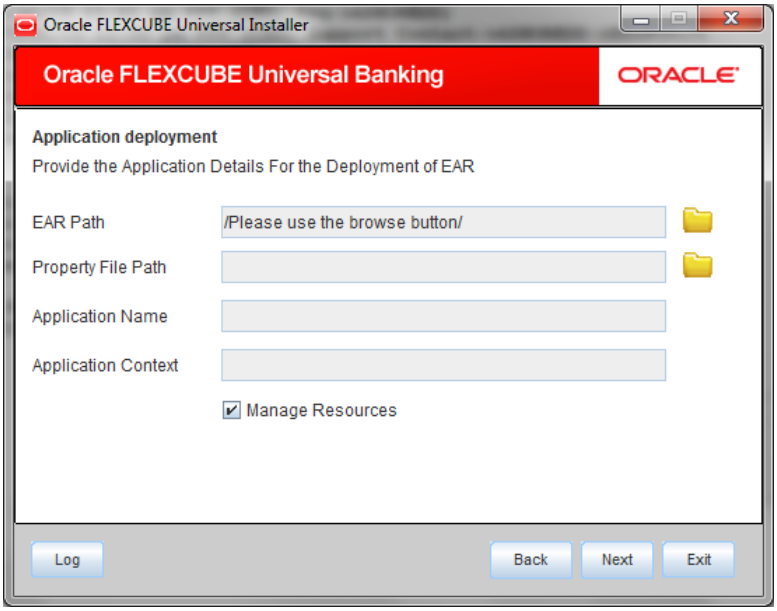
Type of Deployment

Select ‘Full Deployment’.

9. Click ‘Test Connection’ to test the connection with the application server. On successful connection, the following screen is displayed:



10. Click ‘OK’ and the following screen is displayed:



11. Specify the following details:

EAR Path

Specify the location. You can use the directory button to browse and select the directory.

The Application EAR path cannot be copied and pasted on to the text box, thereby demanding the use of the browse button to the select the EAR.

Property File Path

If the property file is internal to the application EAR, it gets displayed here on selection of EAR path. If the property file is external, specify the location. You can use the directory button to browser and select the directory.

Application Name

Application name gets displayed on selection of EAR path.

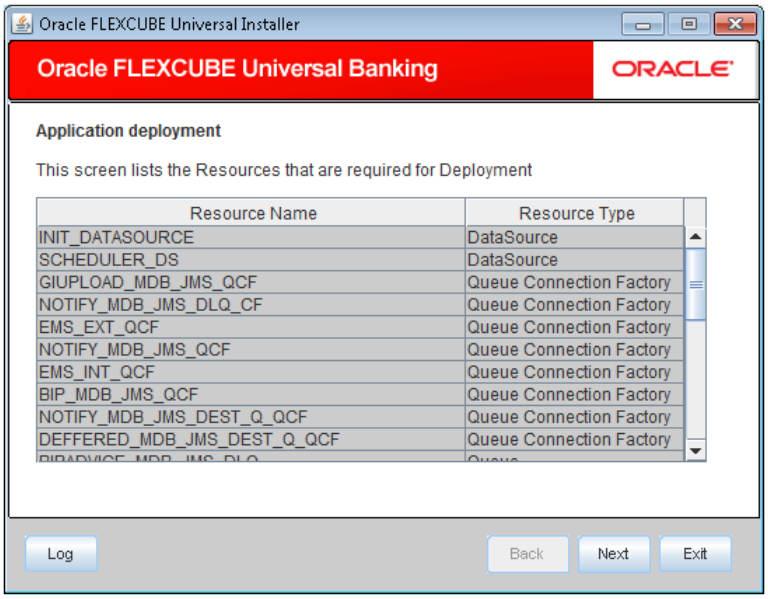
Application Context

Application context gets displayed on selection of EAR path.

Manage Resources

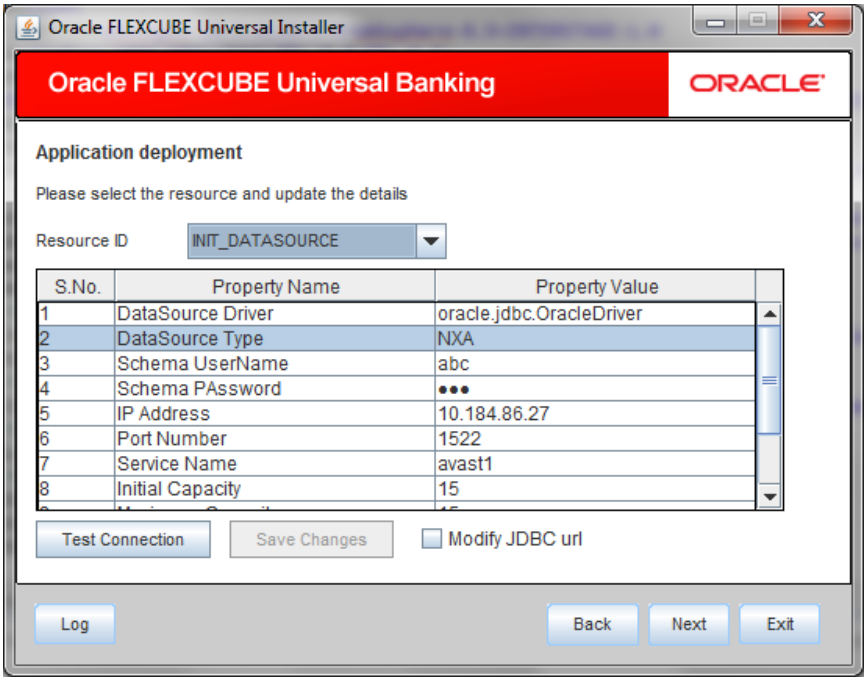
Check this box if resources are to be created along with deployment.

12. Click ‘Next’ and the following screen is dispayed:



The current screen shows a list and type of resources that are created.

13. Click ‘Next’ and the following screen is displayed:



Specify the following details:

Resource ID

Select the data source needs to get created from the adjoining drop down list. Enter below details for each resource id, click “test connection” then click “save changes”

DataSource Driver

specified the jdbc driver url with which the connection is established.
Ex: oracle.jdbc.OracleDriver for Non-XA datasources

DataSource Type

Specifies the type of datasource that is to be created. The resource INIT_DATASOURCE must be NXA type and others must be XA.

Schema Username
specified the username of the schema to which the connection is established.

Schema Paasword
specifies the password of the schema.

IP Address
specifies to provide the host address of the scema.

Port Number
provide the port number of schema.

Service Name
provide the schema name.

Initial Capacity
The number of physical connections to create when creating the connection pool in the data source

Maximum Capacity
The maximum number of physical connections that this connection pool can contain.

Capacity Increment
The increment by which this JDBC connection pool's capacity is expanded.

Shrink Frequency
The number of seconds to wait before shrinking a connection pool that has incrementally increased to meet demand.

Connection Reserve Timeout

The number of seconds after which a call to reserve a connection from the connection pool will timeout.

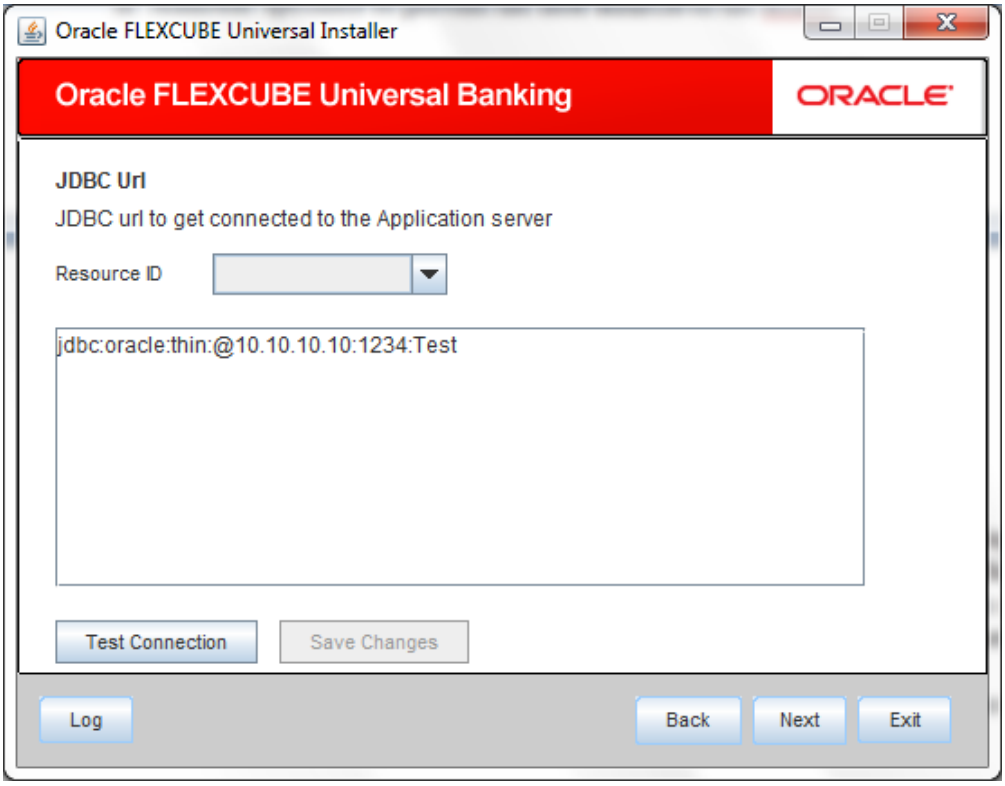
14. Click 'Save Changes' to save the values provided In the table against corresponding value of resource ID.

15. Click 'Test Connection' to establish connection with required details provided in the table.

Modify JDBC Url

Check this box to modify the JDBC URL.

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



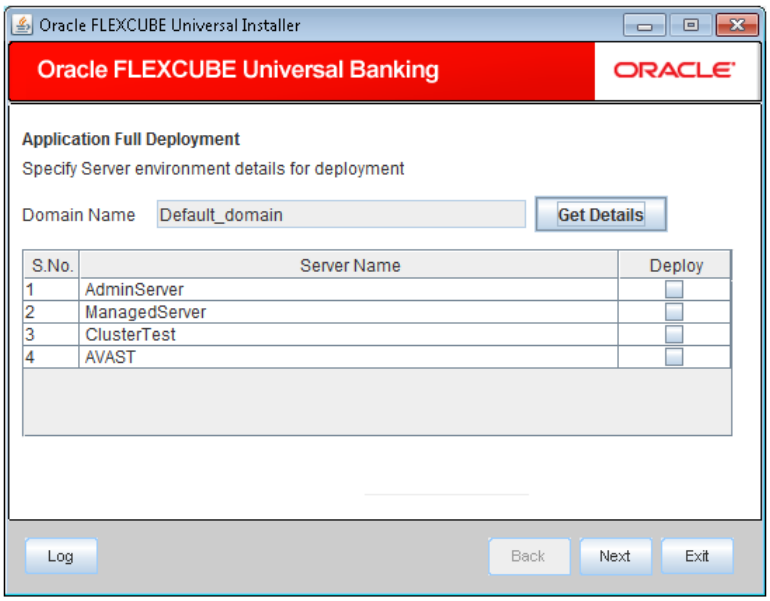
17. Specify the following details:

Resource ID

It provides the list of all the datasources created. Select the data source for which the JDBC url needs to be modified from the adjoining drop down list.

The url generated from the previous screen will be displayed here. If the user wants to change the Url , it can be changed in the present screen.

18. Click ‘Test Connection’ to check the connection using the changed url,If the url changed is correct the connection will be success.
19. Click on ‘Save Changes’ for saving the changed JDBC url
20. Click ‘Next’ and the following screen is displayed.



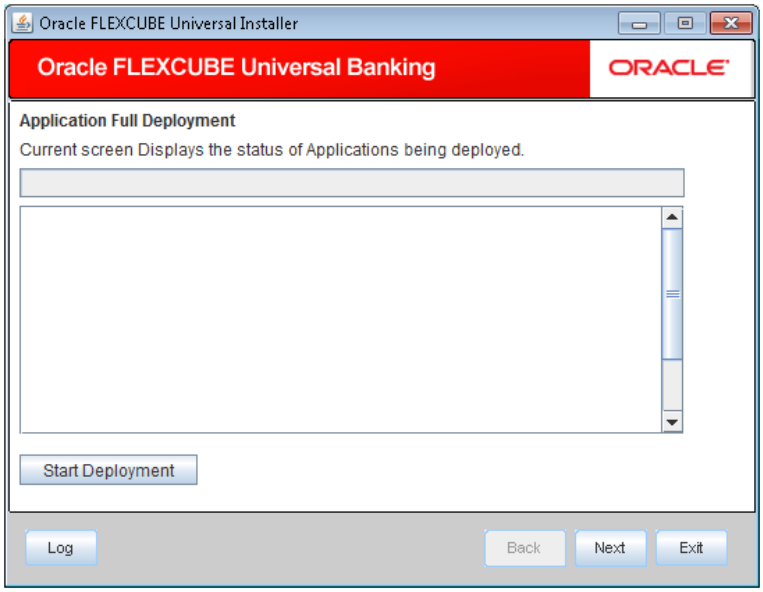
21. Specify the following details:

System displays the weblogic domains name.

22. Click ‘Get Details’ and the list of available servers are displayed:.
23. Check the box against one of the server’s name.

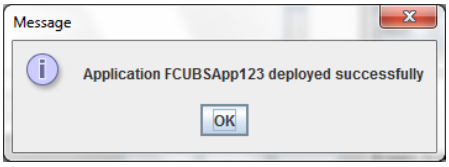
Atleast one server should be selected to proceed to next screen.

Click ‘Next’ and the following screen is displayed:

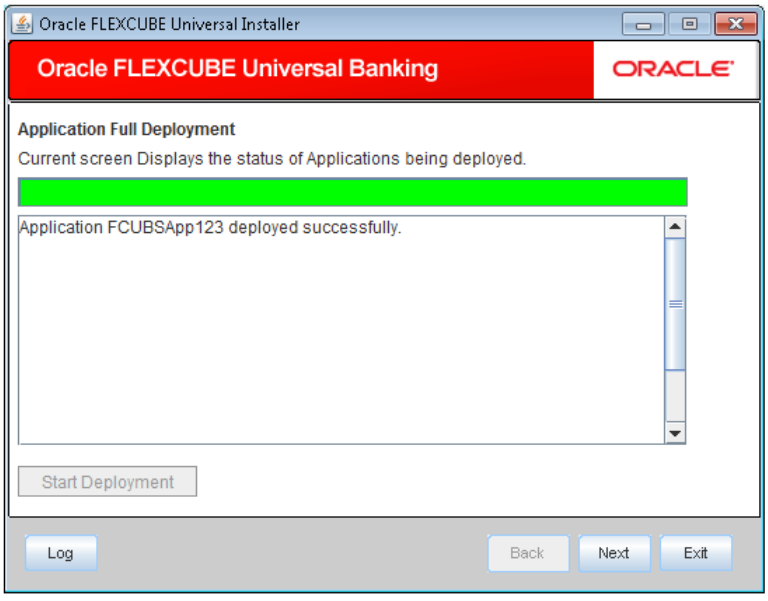


24. Click ‘Start Deployment’ to begin the process of application deployment.

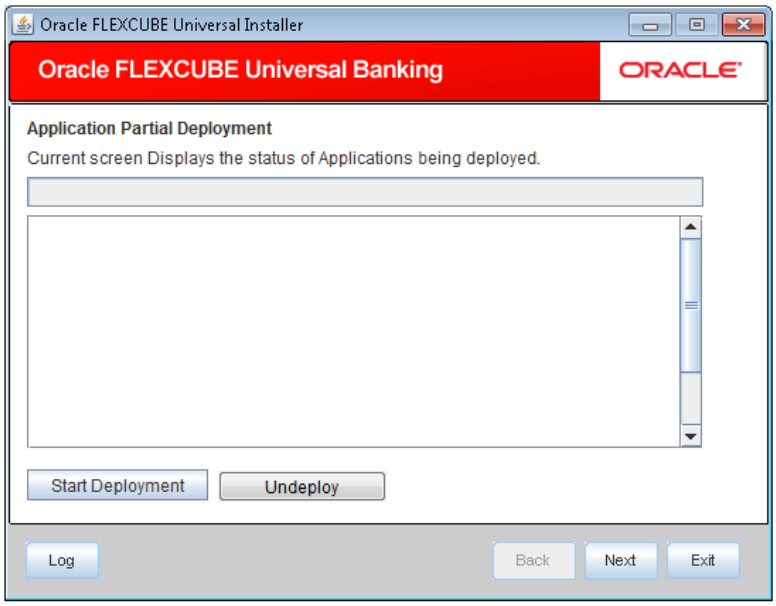
On successful deployment, the following screen is displayed:



25. Click ‘OK’ and the following screen is displayed:



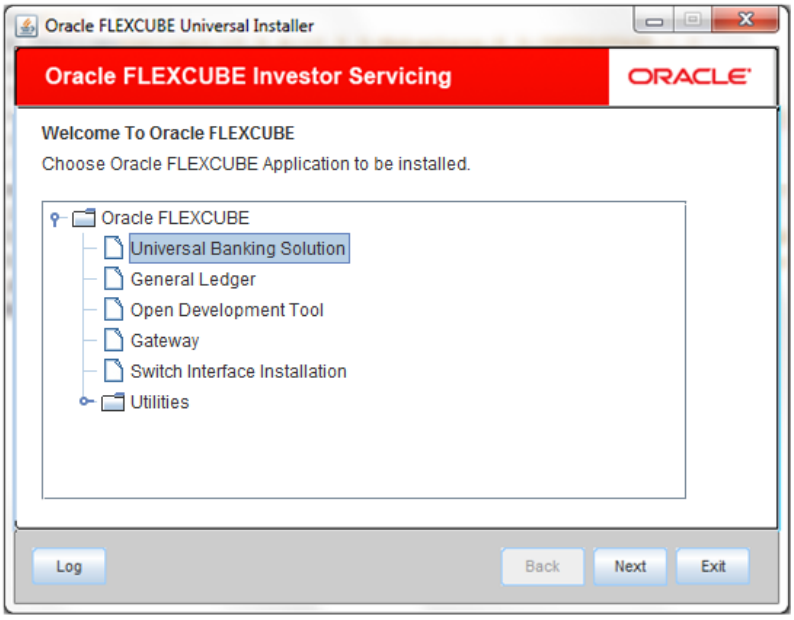
If the deployment is not successfull, the ‘Undeploy button gets enabled.



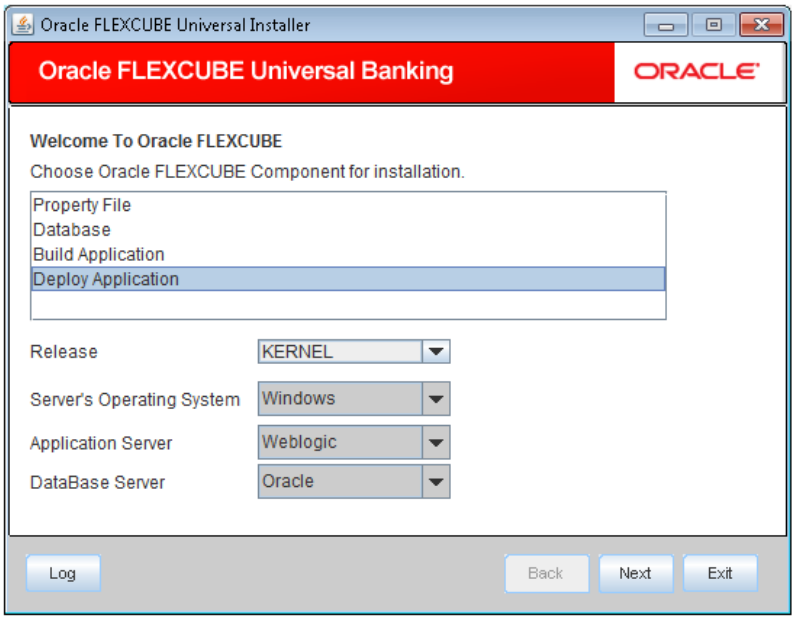
26. Click ‘Undeploy’ for undeploying the partially deployed EAR from the server.

1.2 FCUBS Application Partial Deployment

1. Launch Oracle FLEXCUBE Universal Banking Solution Installer.
2. Click ‘Next’ and the following screen is displayed:



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



5. Specify the following details:
6. Select ‘Deploy Application’.
7. Specify the following details:

Release

Select the release in which you are installing the FCUBS application. Select the appropriate one from the adjoining drop-down list.

Server’s Operating System

Select the server’s operating system in which you are installing the FCUBS application. Select the appropriate one from the adjoining drop-down list.

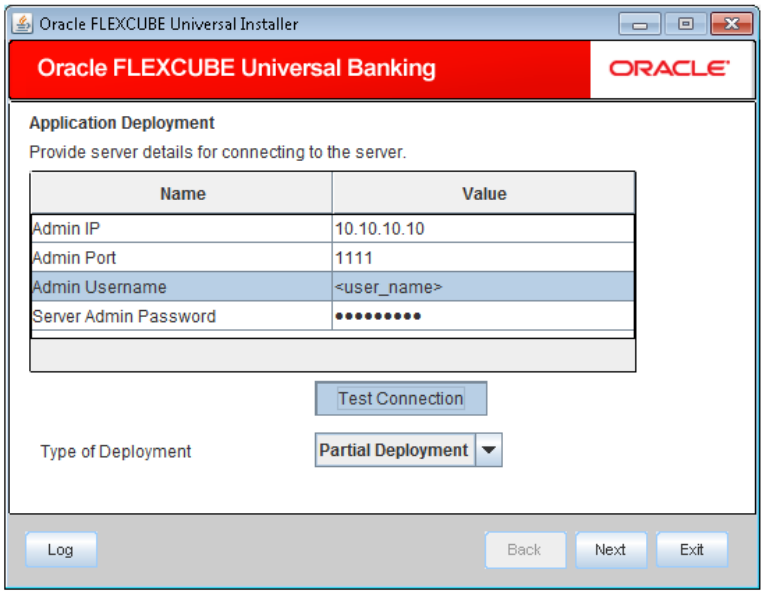
Application Server

Select ‘Weblogic’ from the adjoining drop down list.

Database Server

Select the database server in which you are installing the FCUBS application. Select the appropriate one from the adjoining drop-down list.

8. Click ‘Next’ and the following screen is displayed:.



Specify the appropriate admin username of the weblogic application server.

Admin IP

By default it will display local host and user can not edit it.

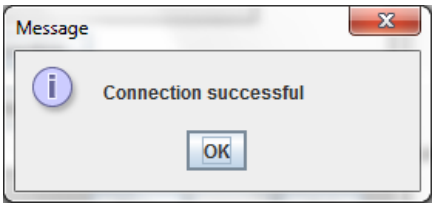
Admin Password

Specify the appropriate admin password of the weblogic application server.

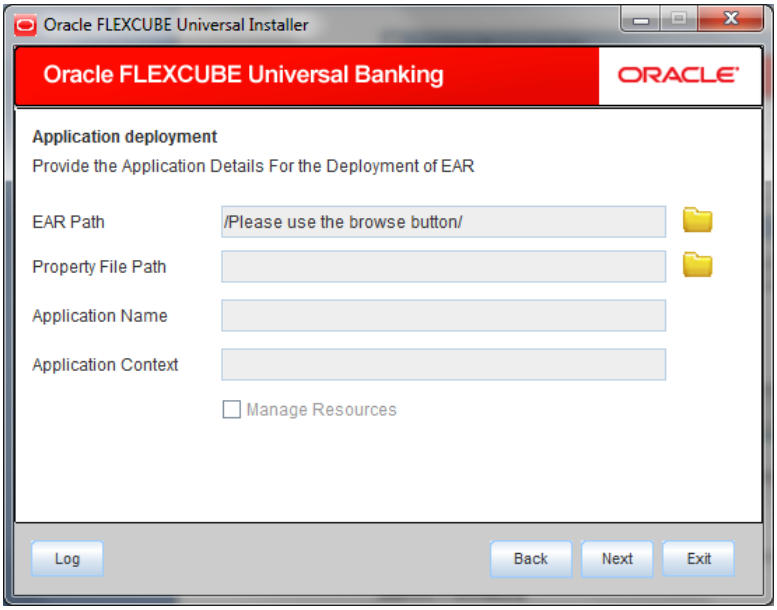
Type of Deployment

Select 'Partial Deployment'.

9. Click 'Test Connection' to test the connection with the application server. On successful connection, the following screen is displayed:



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



11. Specify the following details:

EAR PATH

Specify the path of the ear which is to be deployed.

Property File Path

If the property file is internal to the application EAR, it gets displayed here on selection of EAR path. If the property file is external, specify the location. You can use the directory button to browser and select the directory.

Application Name

Application name gets displayed on selection of EAR path.

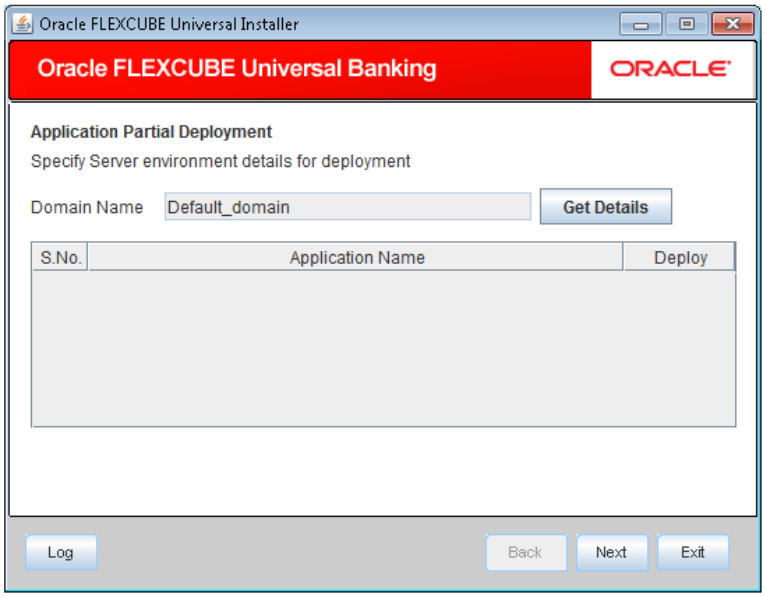
Application Context

Application context gets displayed on selection of EAR path.

Manage Resources

This checkbox is disabled as manage resource is not supported in partial deployment.

12. Click on ‘Next’ and the following screen is displayed:



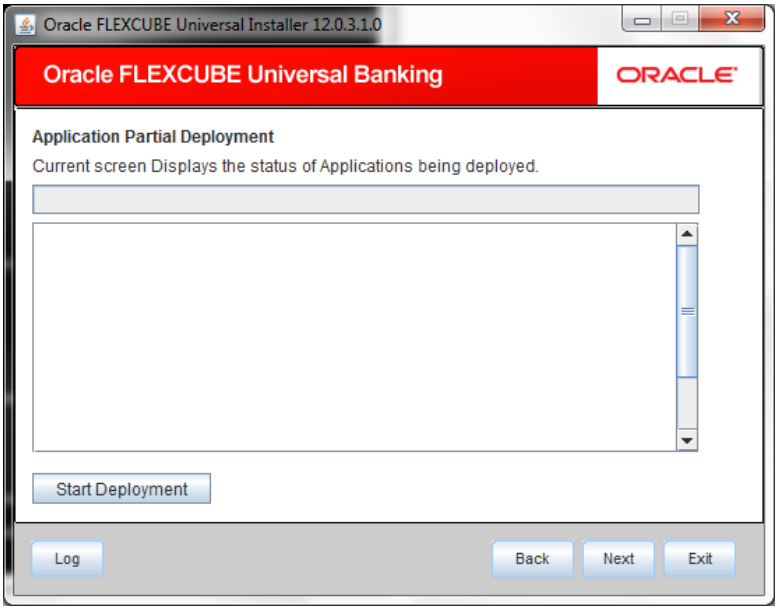
13. System displays the weblogic domain name.
14. Click ’Get Details’ to list all the applications deployed on weblogic application server.

Application Name

15. Specify the application to be patched.

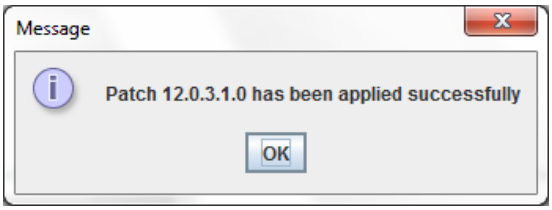
If no application is available then partial deployment cannot be proceeded further.

16. Click ‘Next’ and the following screen is displayed:

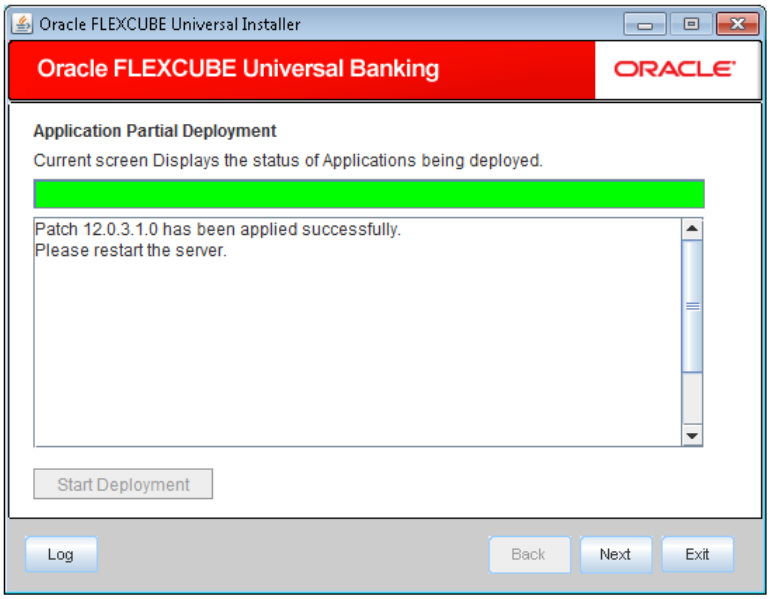


17. Click ‘Start Deployment’ to start the partial/patch deployment.

18. On successful partial deployment the following screen is displayed:



19. Click ‘OK’ and the following screen is displayed:



20. Restart the server for changes pertaining to the deployed patch to reflect.

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