

FCUBS Application Deployment in Weblogic  
Oracle FLEXCUBE Universal Banking

Release 14.4.0.0.0

[May] [2020]



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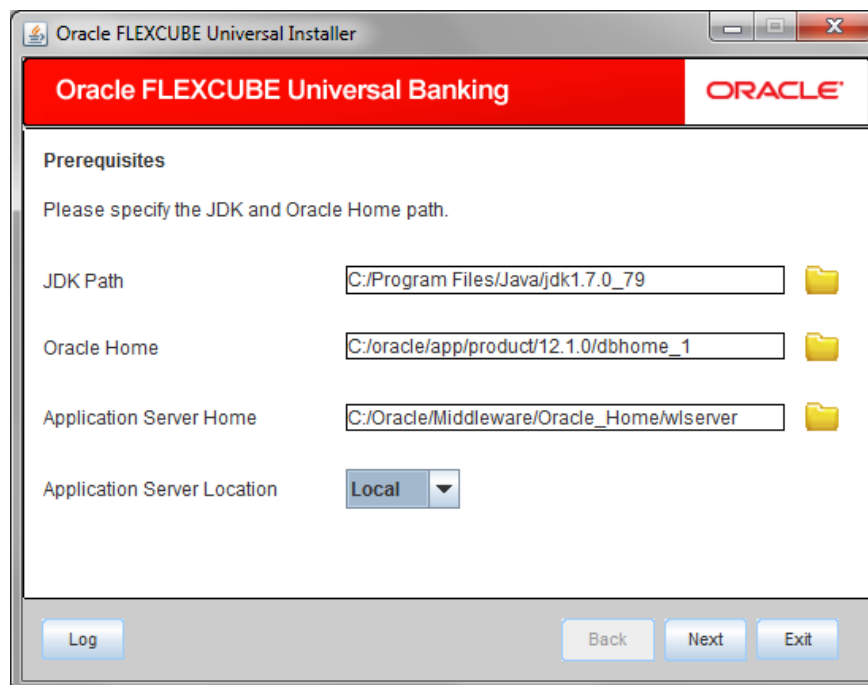
# 1. FLEXCUBE Universal Banking Solutions

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

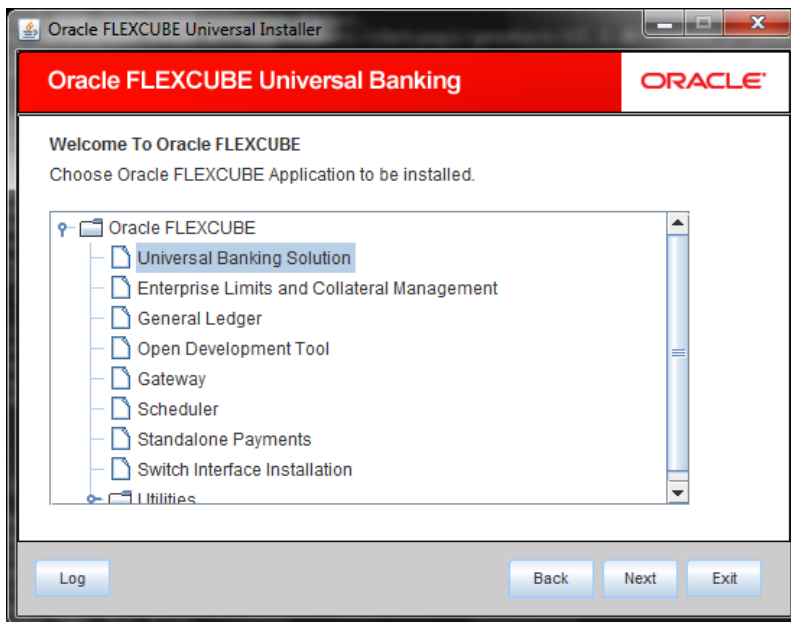
**Application Server Home**

Provide home folder path of Application Server

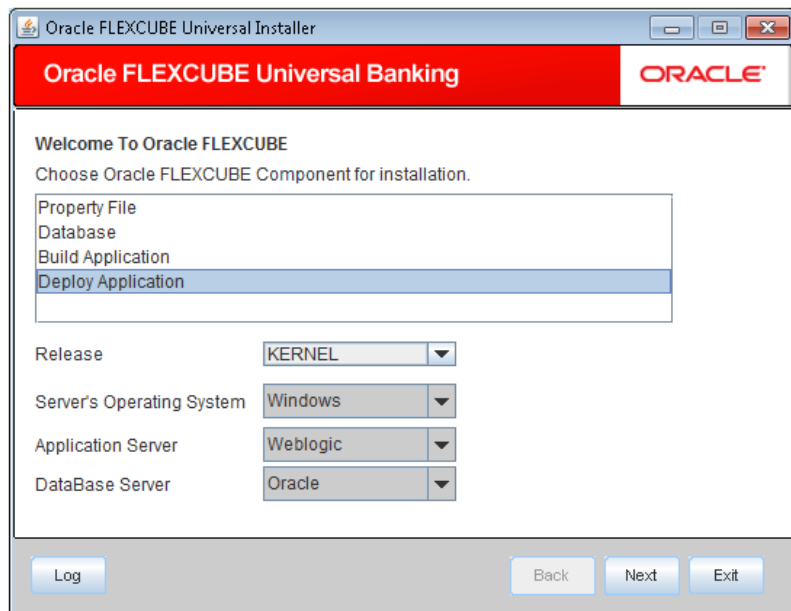
**Application Server Location**

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:

The screenshot shows the 'Oracle FLEXCUBE Universal Installer' window. The title bar says 'Oracle FLEXCUBE Universal Installer'. The window has a red header bar with 'Oracle FLEXCUBE Universal Banking' and the 'ORACLE' logo. Below the header, the section is titled 'Application Deployment' with the instruction 'Provide server details for connecting to the server.' There is a table with two columns: 'Name' and 'Value'. The table contains four rows: 'Admin IP' with value '10.10.10.10', 'Admin Port' with value '1111', 'Admin Username' with value '<user\_name>', and 'Server Admin Password' with value '\*\*\*\*\*'. Below the table is a 'Test Connection' button. Underneath that is a 'Type of Deployment' label and a dropdown menu currently showing 'Full Deployment'. At the bottom of the window are four buttons: 'Log', 'Back', 'Next', and 'Exit'.

Name	Value
Admin IP	10.10.10.10
Admin Port	1111
Admin Username	<user_name>
Server Admin Password	*****

8. Specify the following details:

### Admin IP

By default it will display local host and user cannot edit it.

### Admin Port

Specify the port number of weblogic server.

### Admin UserName

Specify the appropriate admin username of the weblogic application server.

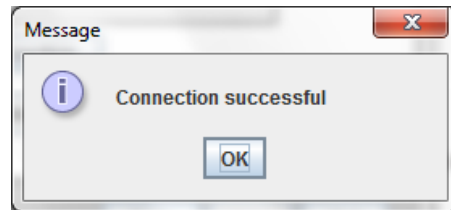
### Admin Password

Specify the appropriate admin password of the weblogic application server.

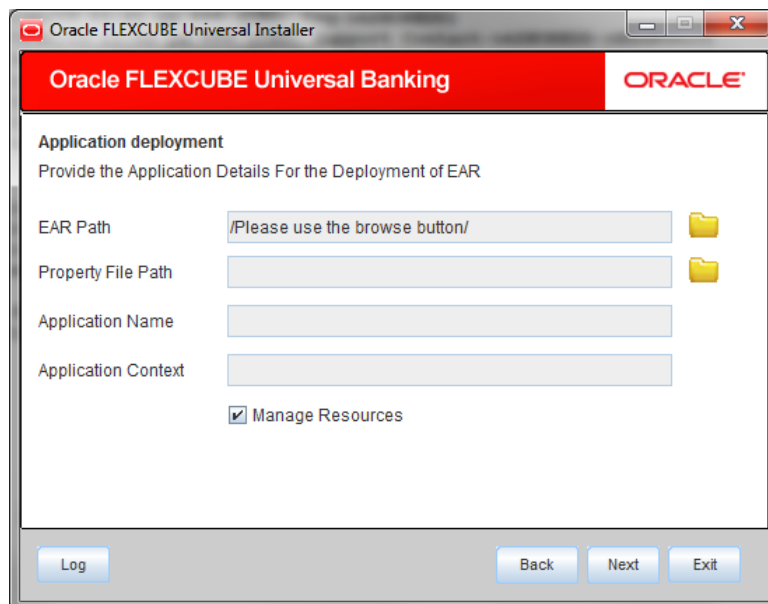
## Type of Deployment

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 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.

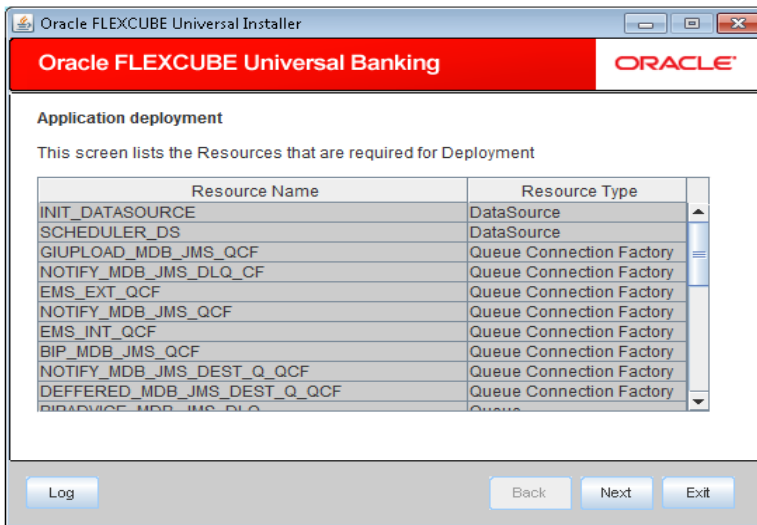
## Application Context

Application context gets displayed on selection of EAR path.

## Manage Resources

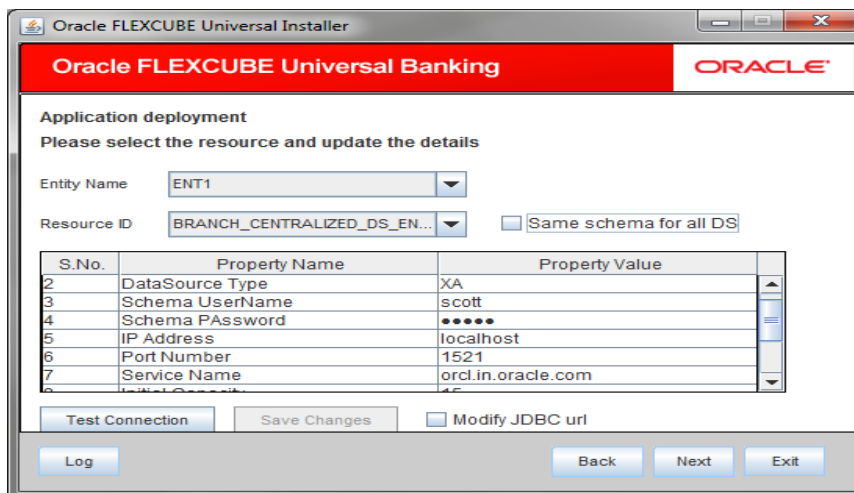
Check this box if resources are to be created along with deployment.

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



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:

**Entity Name**

Select the entity name from the drop down. For each entity in entity name enter below details and save changes (unless 'same schema for all DS' checked). This is visible only for Multi Entities.

**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"

**Same schema for all DS**

If this checkbox is checked, then same schema details will be applied to all entities. This is applicable only for Multi Entities.

**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

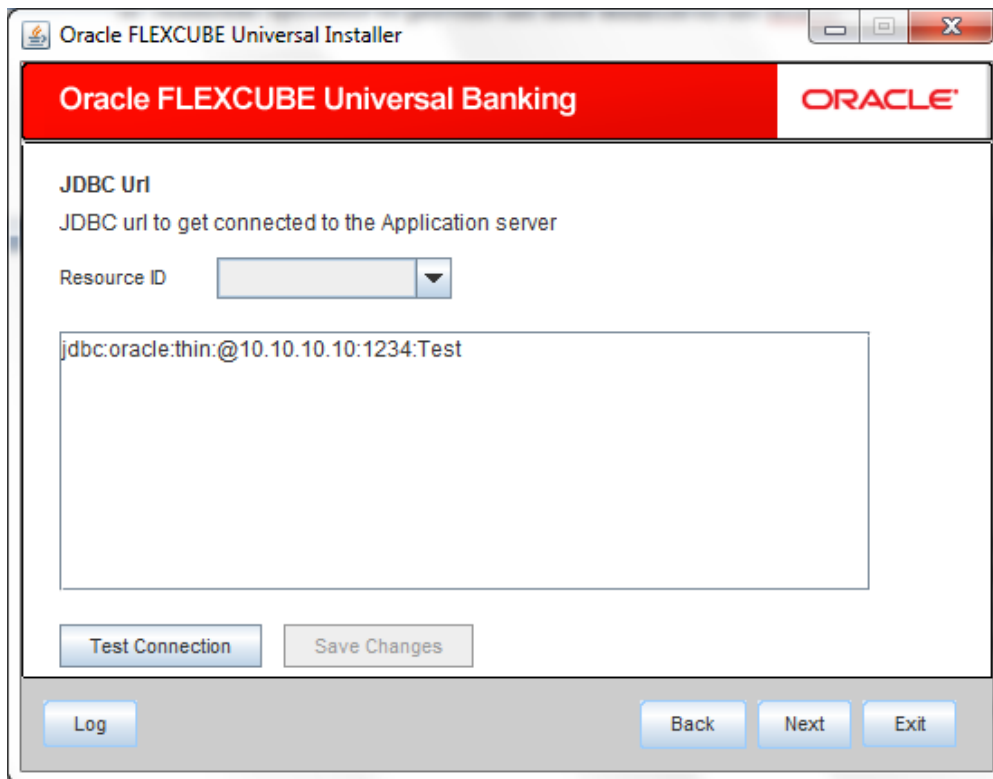
The number of seconds after which a call to reserve a connection from the connection pool will timeout.

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:




The screenshot shows the 'Oracle FLEXCUBE Universal Installer' window. The title bar reads 'Oracle FLEXCUBE Universal Installer'. The main window has a red header bar with 'Oracle FLEXCUBE Universal Banking' on the left and the 'ORACLE' logo on the right. Below the header, the section is titled 'JDBC Url' with the subtitle 'JDBC url to get connected to the Application server'. There is a 'Resource ID' label next to a dropdown menu. Below this is a large text area containing the JDBC URL 'jdbc:oracle:thin:@10.10.10.10:1234:Test'. At the bottom of the main area are two buttons: 'Test Connection' and 'Save Changes'. At the very bottom of the window is a grey bar with four buttons: 'Log', 'Back', 'Next', and 'Exit'.

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.

Oracle FLEXCUBE Universal Installer

Oracle FLEXCUBE Universal Banking ORACLE

**Application Full Deployment**  
Specify Server environment details for deployment

Domain Name

S.No.	Server Name	Deploy
1	AdminServer	<input type="checkbox"/>
2	ManagedServer	<input type="checkbox"/>
3	ClusterTest	<input type="checkbox"/>
4	AVAST	<input type="checkbox"/>

21. Specify the following details:

System displays the weblogic domains name.

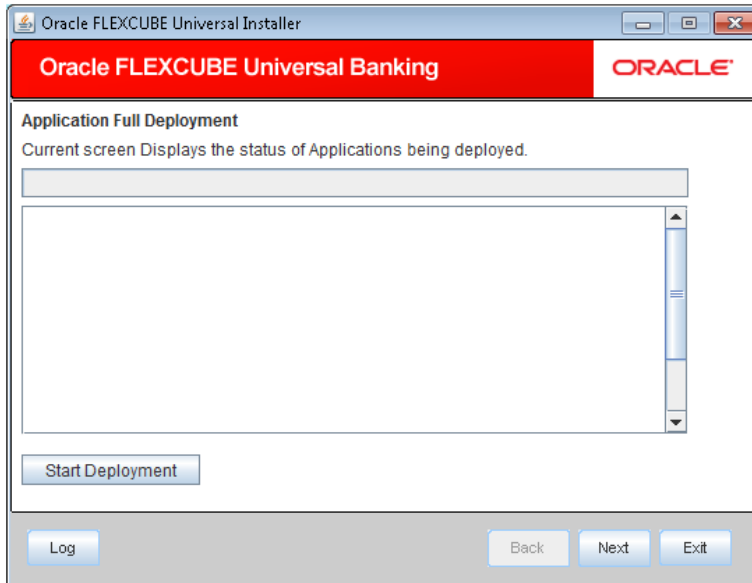
22. Click 'Get Details' and the list of available servers are displayed:.

23. Check the box against one of the server's name.



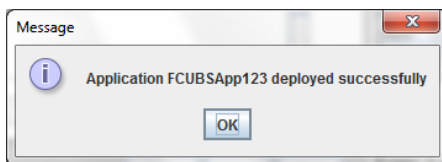
Atleast one server should be selected to proceed to next screen.

Click 'Next' and the following screen is displayed:

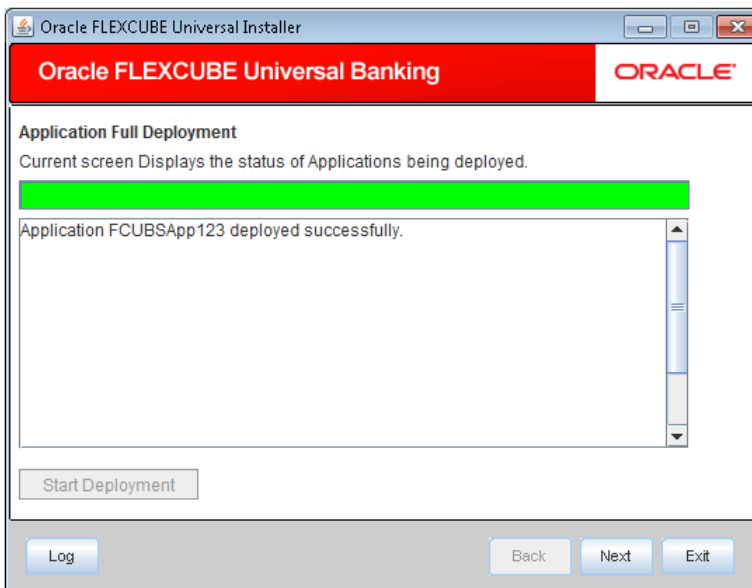


24. Click 'Start Deployment' to begin the process of application deployment.

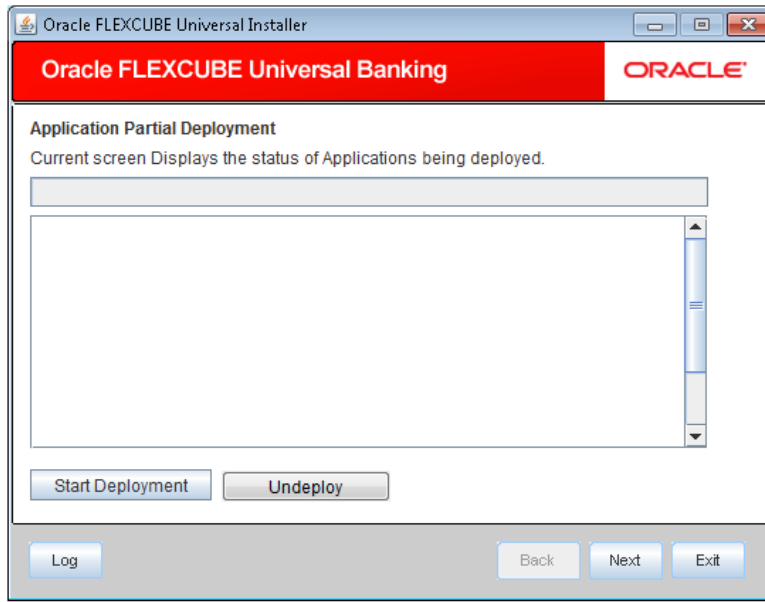
On successful deployment, the following screen is displayed:



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



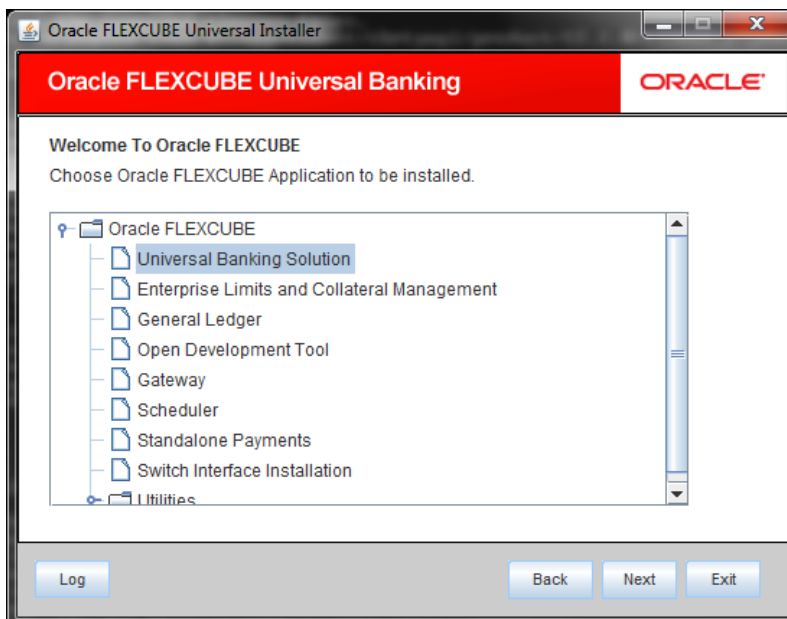
If the deployment is not successful, the 'Undeploy' button gets enabled.



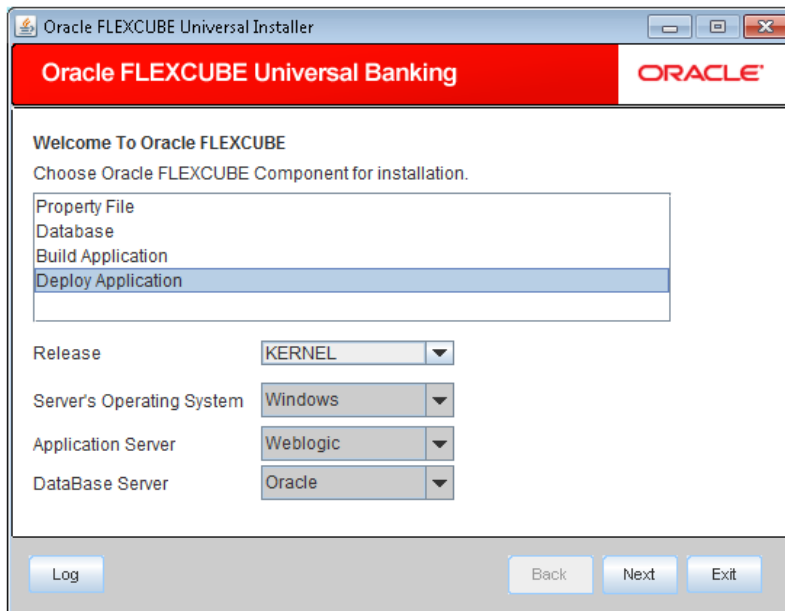
Click 'Undeploy' for undeploying the partially deployed EAR from the server.

## 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:.

Name	Value
Admin IP	10.10.10.10
Admin Port	1111
Admin Username	<user_name>
Server Admin Password	*****

Test Connection

Type of Deployment: Partial Deployment ▼

Log Back Next Exit

Specify the appropriate admin username of the weblogic application server.

#### Admin IP

By default it will display local host and user cannot edit it.

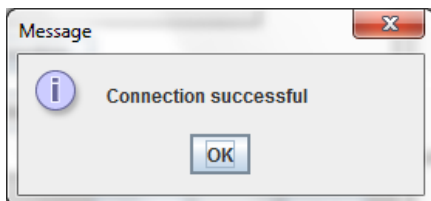
#### Admin Password

Specify the appropriate admin password of the weblogic application server.

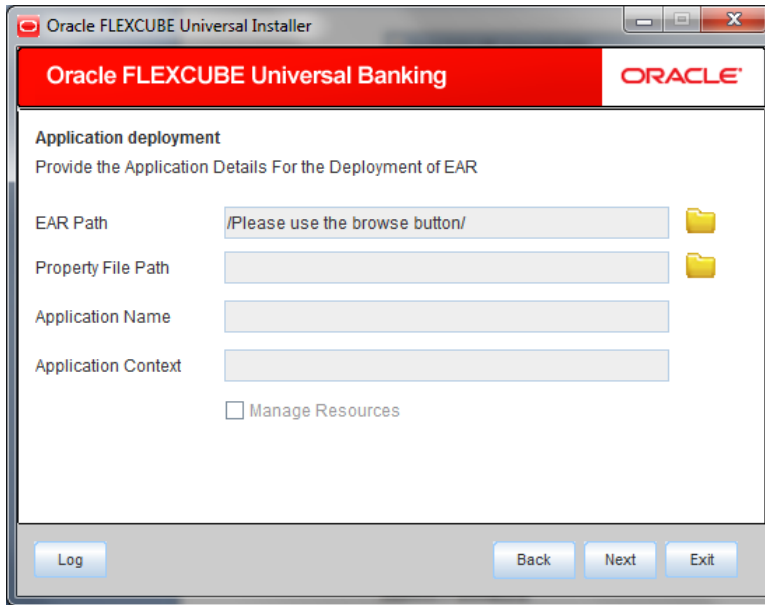
#### Type of Deployment

Select 'Partial Deployment'.

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



- 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.

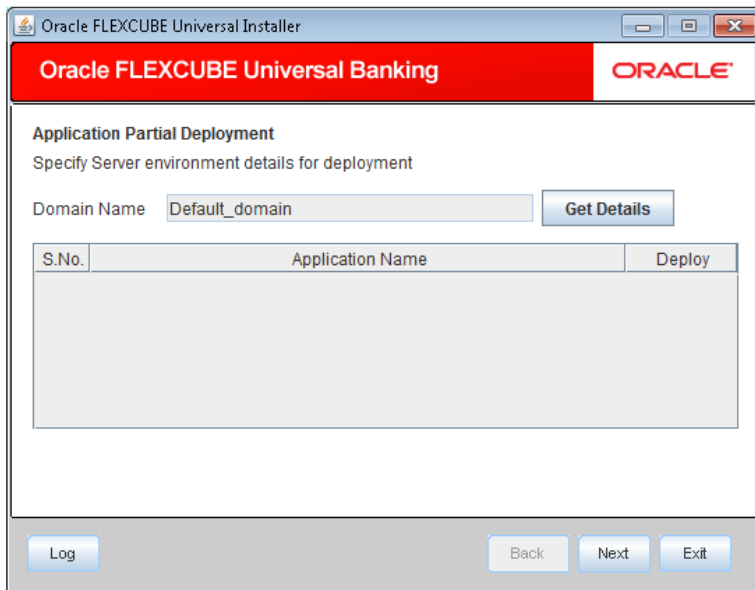
#### **Application Context**

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.

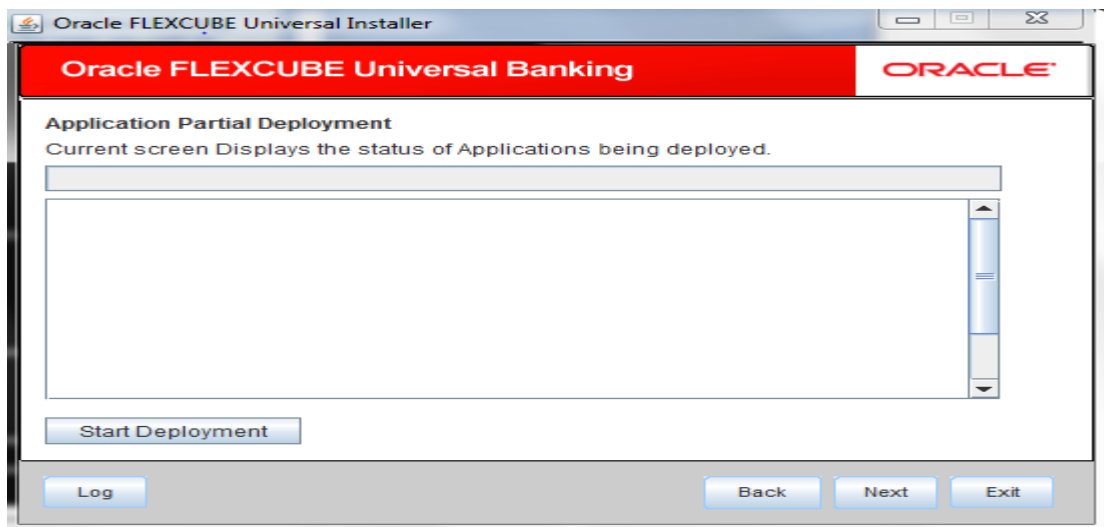
### Application Name

15. Specify the application to be patched.



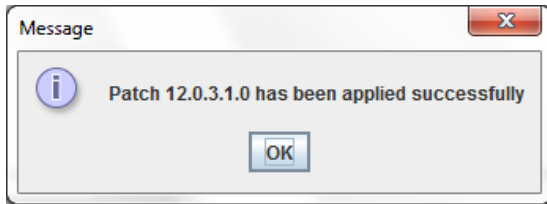
If no application is available then partial deployment cannot be proceeded further.

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

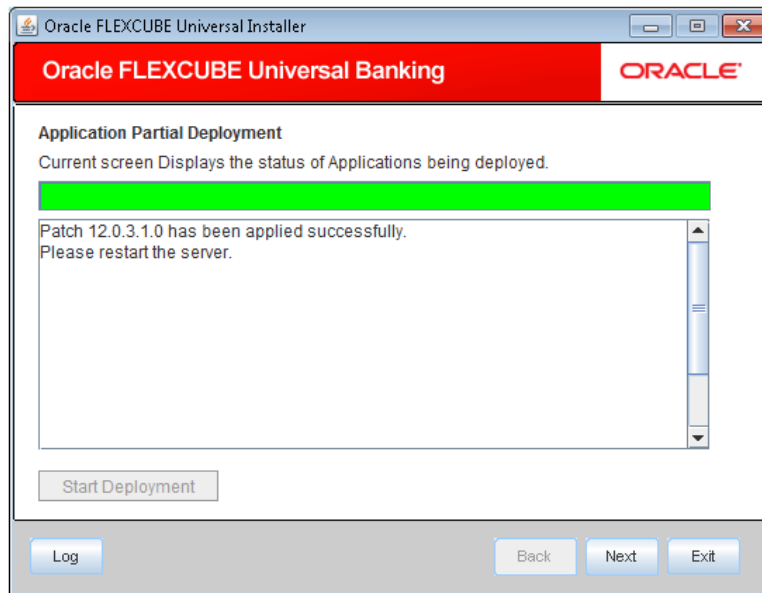


17. Click 'Start Deployment' to start the partial/patch deployment.

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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