

Installation and Setup Guide
Oracle FLEXCUBE Investor Servicing
Release 12.4.0.0.0
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1. Preface

This document provides the steps to install extensible Open Development tool and initial administration activities.

1.1 Audience

This document is intended for FLEXCUBE IS Application developers who are required to the following:

- Install and setup Open Development Tool development environment

1.2 Related documents

For more information, see following documents.

- Development Overview Guide.docx
- Getting Started.docx
- Reference.docx

1.3 Conventions

The following text conventions are used in this document:

Convention Meaning

boldface	Boldface type indicates graphical user interface elements (for example, menus and menu items, buttons, tabs, dialog controls), including options that you select.
<i>italic</i>	italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates language and syntax elements, directory and File name, URLs, text that appears on the screen, or text that you enter.
	Indicates important information

2. Introduction

This document is a guide for installation of Open Development Tool Version 11.1. Detailed steps have been mentioned for generation of WAR file from the Open Development Tool Source and deployment of Open Development Tool application to Apache Tomcat and OC4J server.

2.1 How to Use This Guide

The information in this guide includes:

- [Chapter 2, "Introduction"](#)
- [Chapter 3, "Pre-requisites"](#)
- [Chapter 4, "Open Development Tool 11.1 installation"](#)
- [Chapter 5, "How to run Installer"](#)
- [Chapter 6, "Troubleshooting"](#)
- [Chapter 7, "How to deploy WAR file"](#)
- [Chapter 8, "IE settings"](#)
- [Chapter 9, "Administration"](#)
- [Chapter 10, "Developer check list"](#)

3. Pre-requisites

3.1 JDK

3.1.1 License Information

JDK is distributed by Sun Microsystems, Inc under Java Development Kit Binary Code License Agreement.

3.1.2 Instructions

Installer requires JDK 1.6 update 16 version to be downloaded in the system and the same should be set as environmental variable (explained later in this document).

3.2 Apache Ant 1.7.1

3.2.1 License Information

Apache License version 2.0. This is available for reference at <http://www.apache.org/licenses/LICENSE-2.0>

3.2.2 Download Instructions

Apache Ant 1.7.1 is available in the archives at <http://www.apache.org/dist/ant/binaries/>
The file to be downloaded is **apache-ant-1.7.1-bin.zip**.

3.2.3 Post Download Instructions

Extract the apache-ant-1.7.1-bin.zip distribution to a directory. And provide this path for setting the environmental variable which is explained later in this document.

3.3 ActiveX settings:

Tools -> Internet Options -> Security -> Local intranet -> Custom Level -> ActiveX controls and Plug-ins -> Initialize and script ActiveX controls not marked as safe -> Select Enable.

3.4 Msxml:

Msxml 4.0 to be available on client machine.

3.5 Oracle Client (Database Installation)

In order to carry out Database Installation, Installer requires **Oracle 11g Client** or later version to be installed in the system.

3.6 Swing Layout

3.6.1 License Information

Lesser General Public License (LGPL 2.1)

3.6.2 Download Instructions

Swing Layout is available in the archives at <https://swing-layout.dev.java.net/> . In the website under 'project tools' section, select 'Documents and files' section. The file to be downloaded is **swing-layout-1.0.jar**.

3.6.3 Post Download Instructions

Extract the Swing-layout-1.0 distribution to a directory. Copy the following file

swing-layout-1.0.jar

Into the directory {INSTALLER_DIR}\lib

3.7 Log4J 1.2.15

3.7.1 License Information

Apache License 2.0. This is available for reference at <http://www.apache.org/licenses/LICENSE-2.0>

3.7.2 Download Instructions

Log4j 1.2.15 is available in the archives at <http://archive.apache.org/dist/logging/log4j/1.2.15/> .The file to be downloaded is **apache-log4j-1.2.15.zip**.

3.7.3 Post Download Instructions

Extract the Log4j 1.2.15 distribution to a directory. Copy the following file

log4j-1.2.15.jar

Into the directory {INSTALLER_DIR}\lib

3.8 Oracle 11g Database Driver (11.1.0.7) (Database Installation)

3.8.1 License Information

Oracle Corporation

3.8.2 Download Instructions:

ojdbc6.jar is available in the archives at

http://www.oracle.com/technology/software/tech/java/sqlj_jdbc/htdocs/jdbc_111060.html

The file to be downloaded is **ojdbc6.jar**.

Post Download Instructions:

Extract the ojdbc6.jar distribution to a directory. Copy the following file

ojdbc6.jar

Into the directory {INSTALLER_DIR}\lib

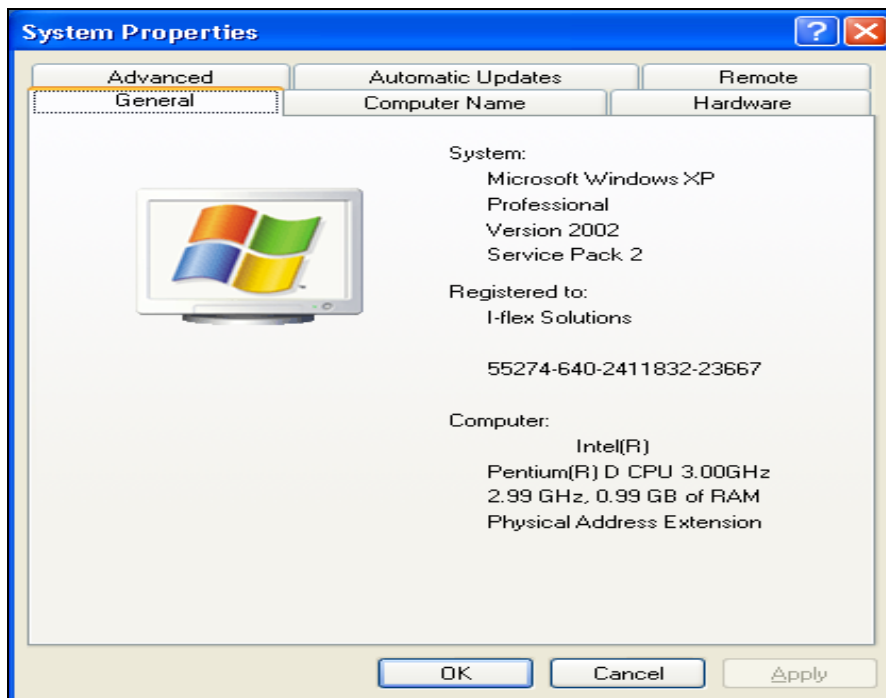
3.9 Setup for installer Open Development Applications

3.9.1 Step1

Navigate to Control Panel

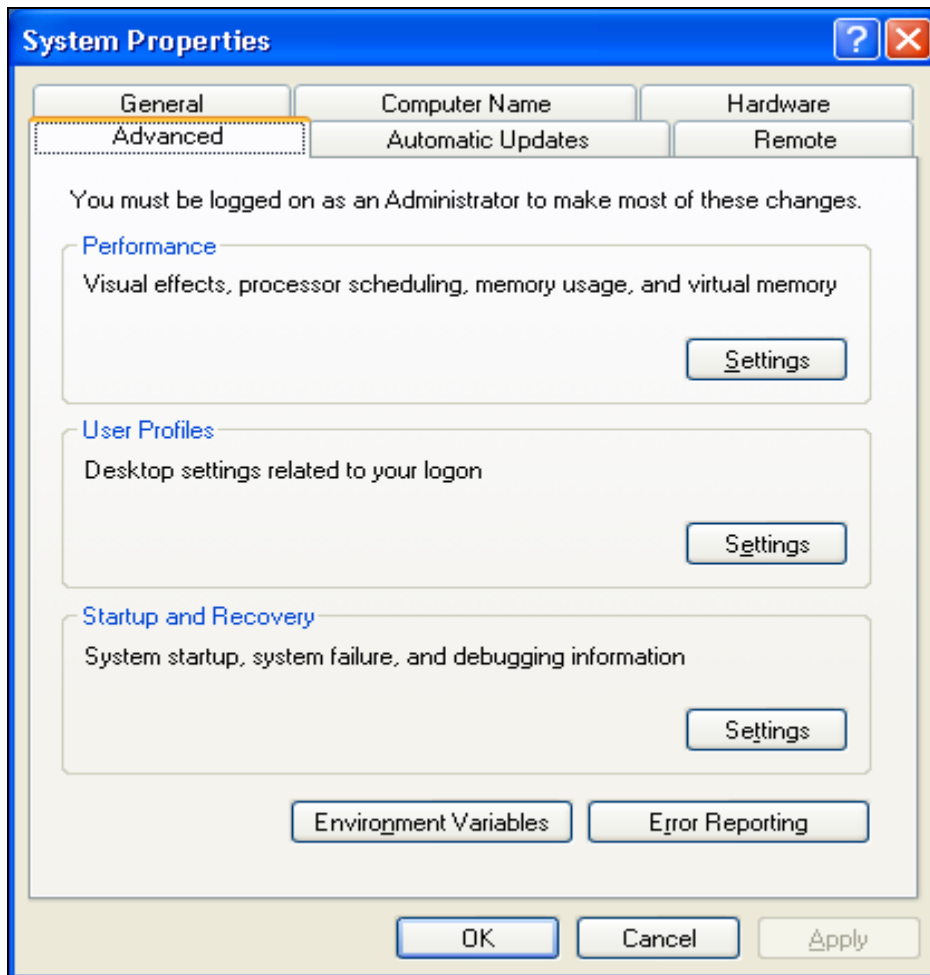
3.9.2 Step2

Double Click System icon to launch System Properties screen as shown below.



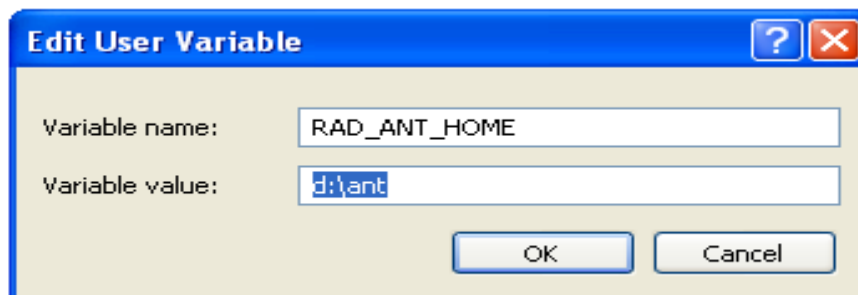
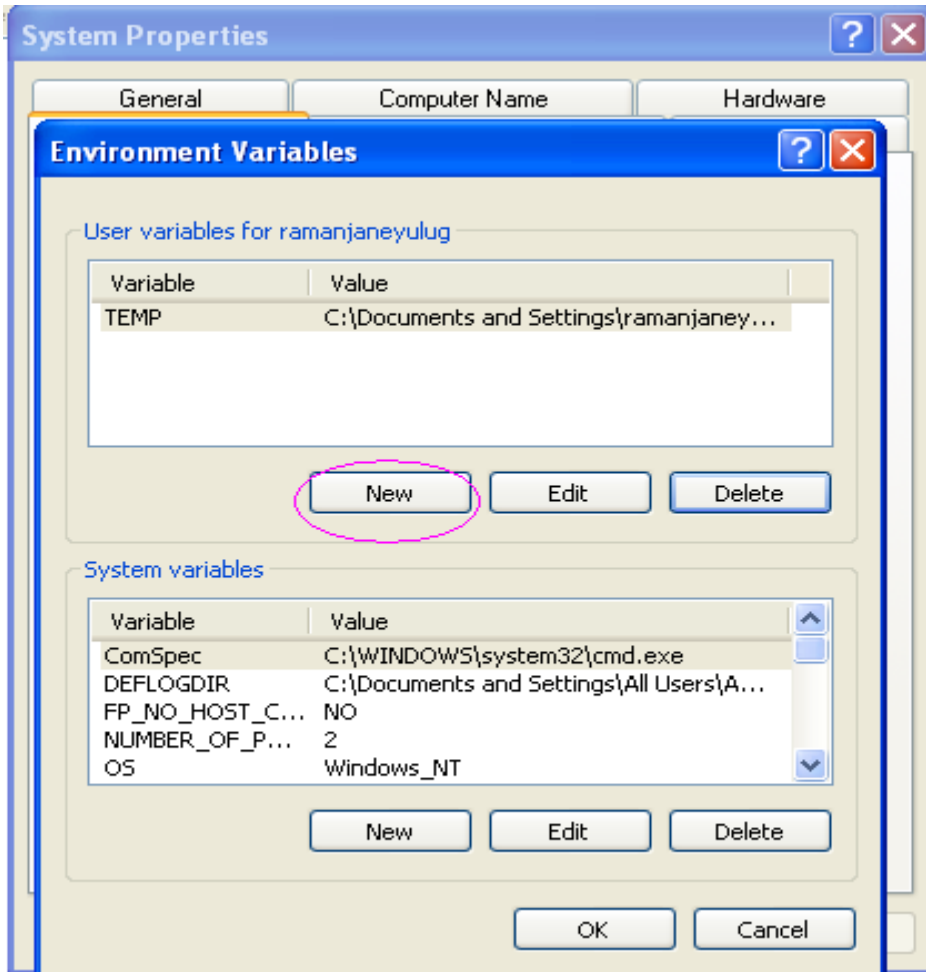
3.9.3 Step 3

Click Advanced Tab button and then click Environment Variables as shown below.



3.9.4 Step 4

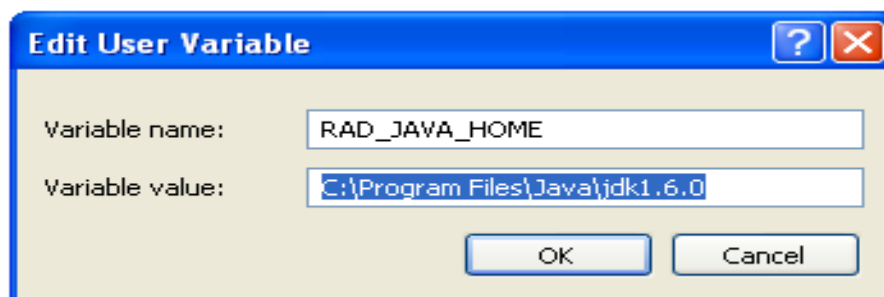
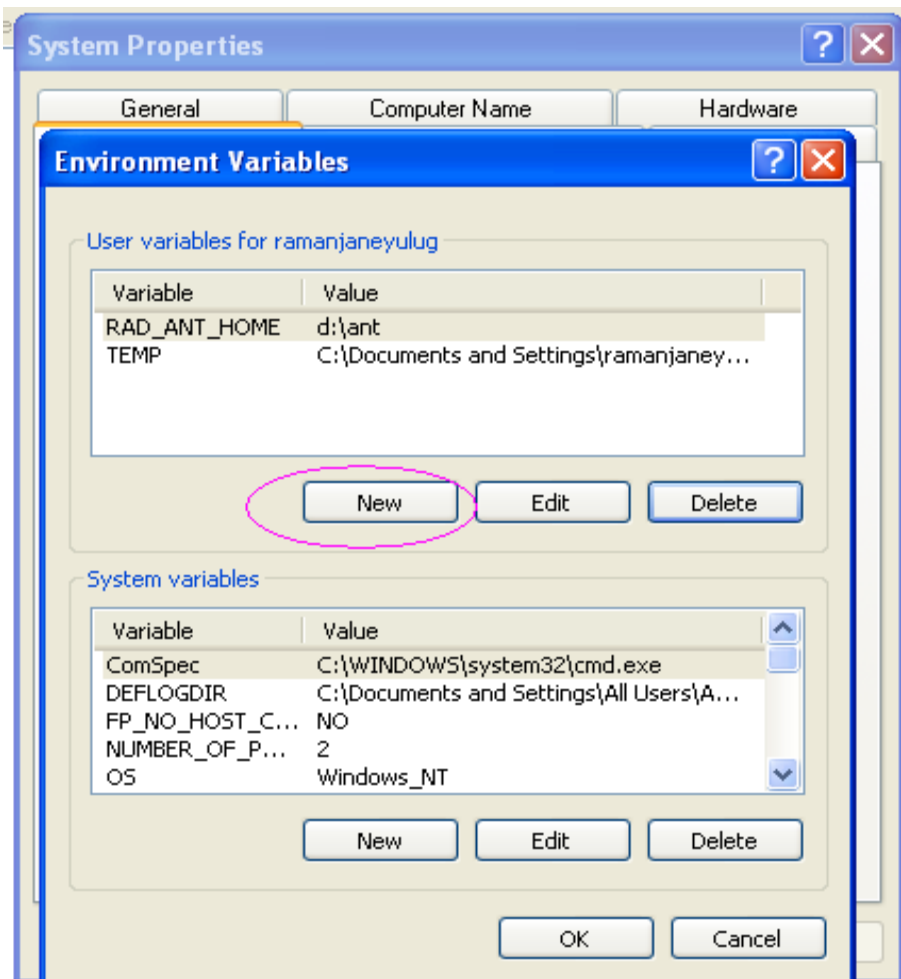
In User variables click New and in Variable name type **RAD_ANT_HOME**. In the value field give the path of Apache Ant root directory as shown below.



The Ant provider supported by Installer is Apache and the version should be 1.7.1.

3.9.5 Step 5

Repeat **Step 4** and **Step 5** to set **RAD_JAVA_HOME** environment variable to jdk directory as shown below.



Ensure that the Variable value for Variable name RAD_JAVA_HOME eliminates space

4. Open Development Tool 11.1 Installation

Open Development Tool 11.1 installation includes below mentioned activities

- Deployment of Front-end Units or WAR File to Apache Tomcat or OC4J Server
- Loading of Back-end units(PLSQL Packages) to an existing FCUBS schema in Oracle Database
- RADTool.properties file configuration

The next section explains these two activities in detail

4.1 WAR File generation

To generate WAR file follow the below mentioned steps

4.1.1 Step 1

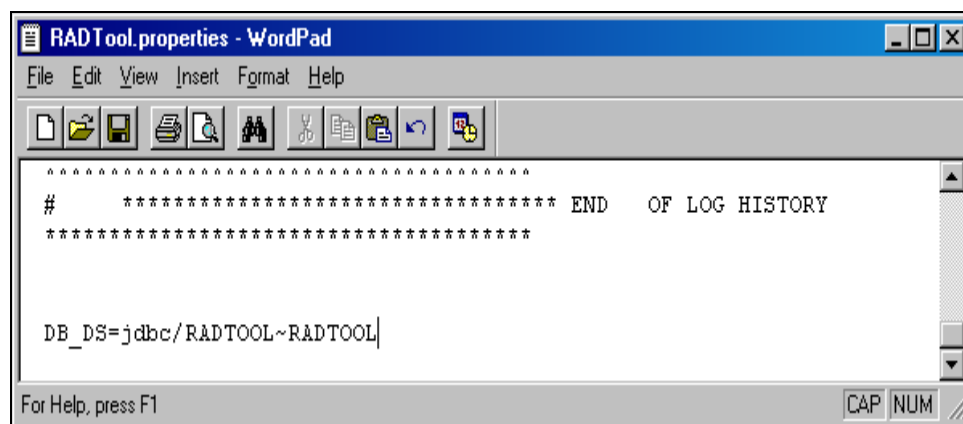
Copy all the contents from [\\IFLBLW-BPD-12\Vercon_IP-BPD-01\SOFT\FLEXCUBE_Kernel\FC_IS_V.UM_11.1.0.0.0.0\TOOLS\RAD\SOURCE\](#)

To RADTool_11.1

4.1.2 Step 2

RADTool. Properties file configuration

Open RADTool.properties file from **RADTool_11.1** folder. Refer the screen shot shown below and enter appropriate values



4.1.3 Step 3

Open Web.xml add the JNDI reference for backend Database.

Ex: **<resource-ref>**

<res-auth>Container</res-auth>

<res-ref-name>jdbc/RADTOOL</res-ref-name>

<res-type>javax.sql.DataSource</res-type>

</resource-ref>

4.1.4 Step 4

Please Use the Installer To Prepare Warfile.

Installer sources will be available in the following location.

\\IFLBLW-BPD-12\Vercon_IP-BPD-01\SOFT\FLEXCUBE_Kernel\FC_IS_V.UM_11.1.0.0.0.0\TOOLS\RAD\INSTALLER\SOURCE

5. How to Run Installer

After copying the installer sources and library folder to your local system, make sure you uncheck the read only check box in source properties and apply the same to all the sub folders.

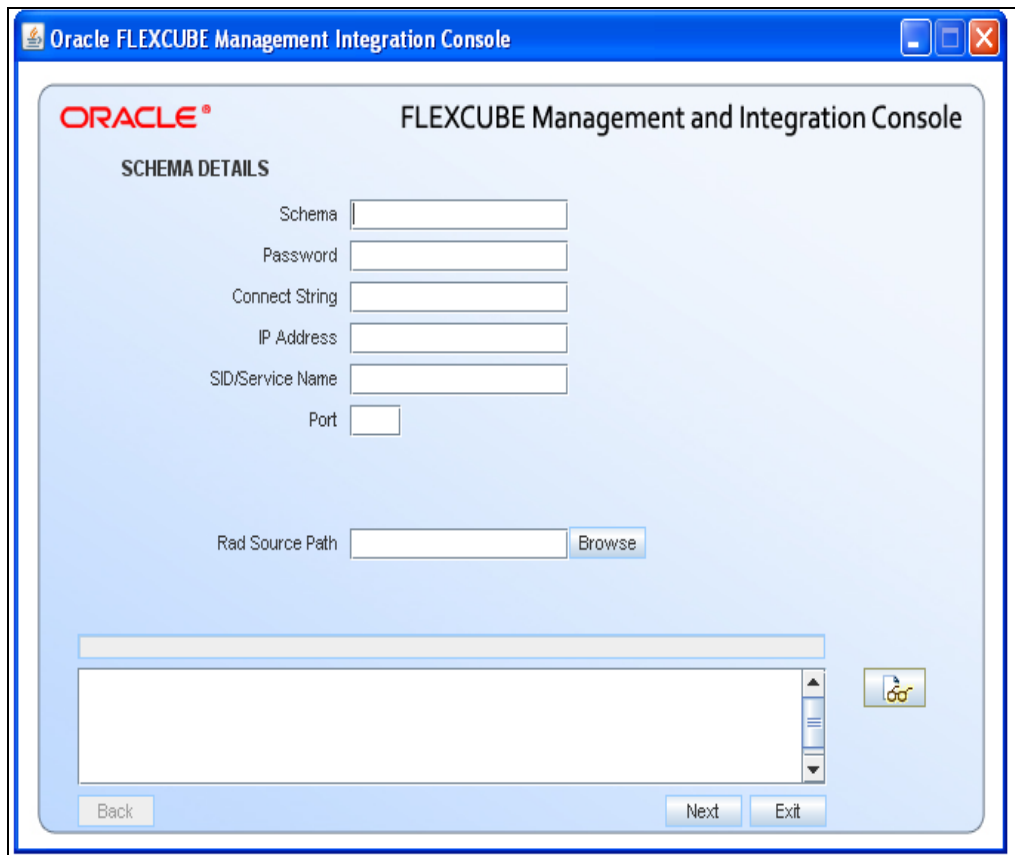
The screen shot below shows how the source folder in your local system should look like.

To run the installer, double click the batch file (RADInstaller11.1.bat) present in the installer source.



RADInstaller11.1.bat

This displays the screen as follows.



Oracle FLEXCUBE Management Integration Console

ORACLE® FLEXCUBE Management and Integration Console

SCHEMA DETAILS

Schema

Password

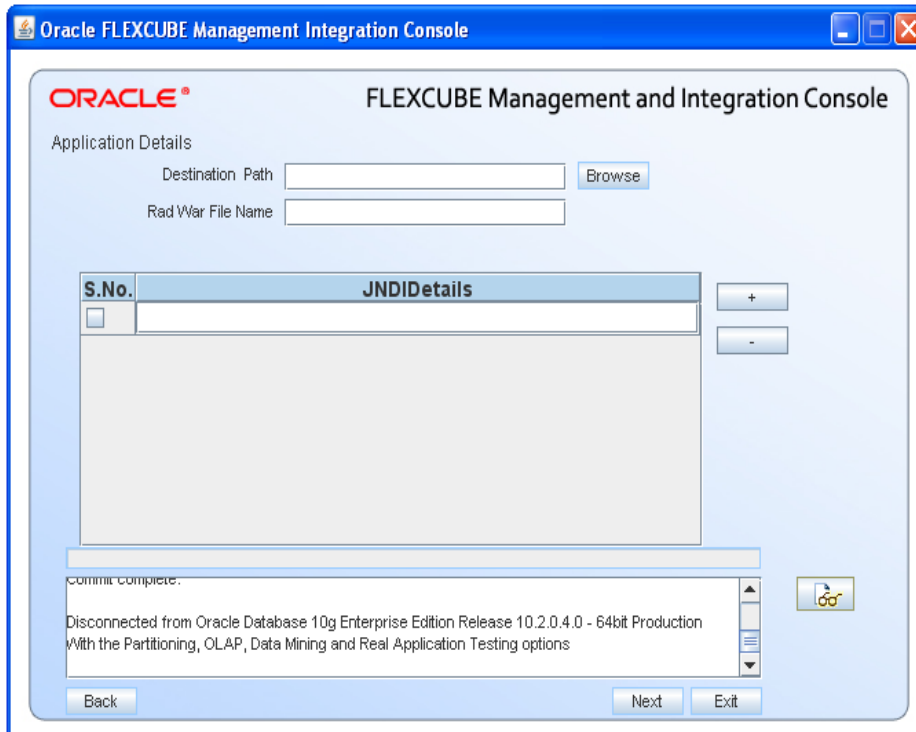
Connect String

IP Address

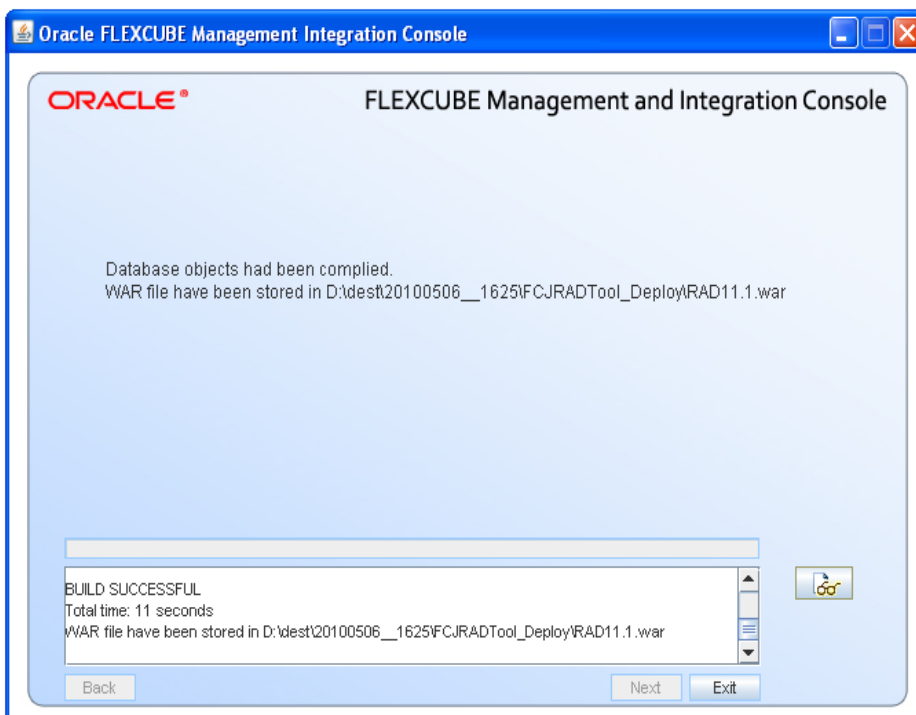
SID/Service Name

Port

Rad Source Path



If you want create the war component, please enter the Destination path and War file Name otherwise it will compile only db object display the screen as follows



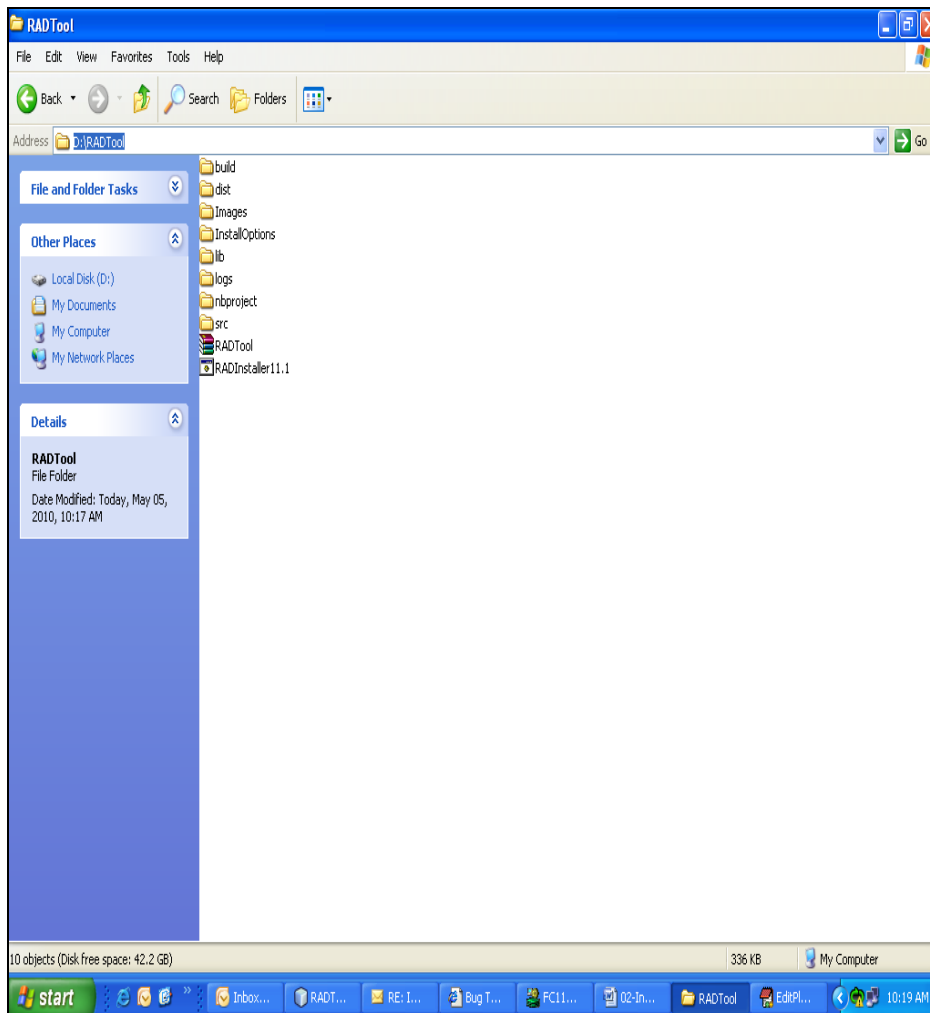
After generation of war file you can deploy war file in Application Server /Web server from destination path.

6. Troubleshooting

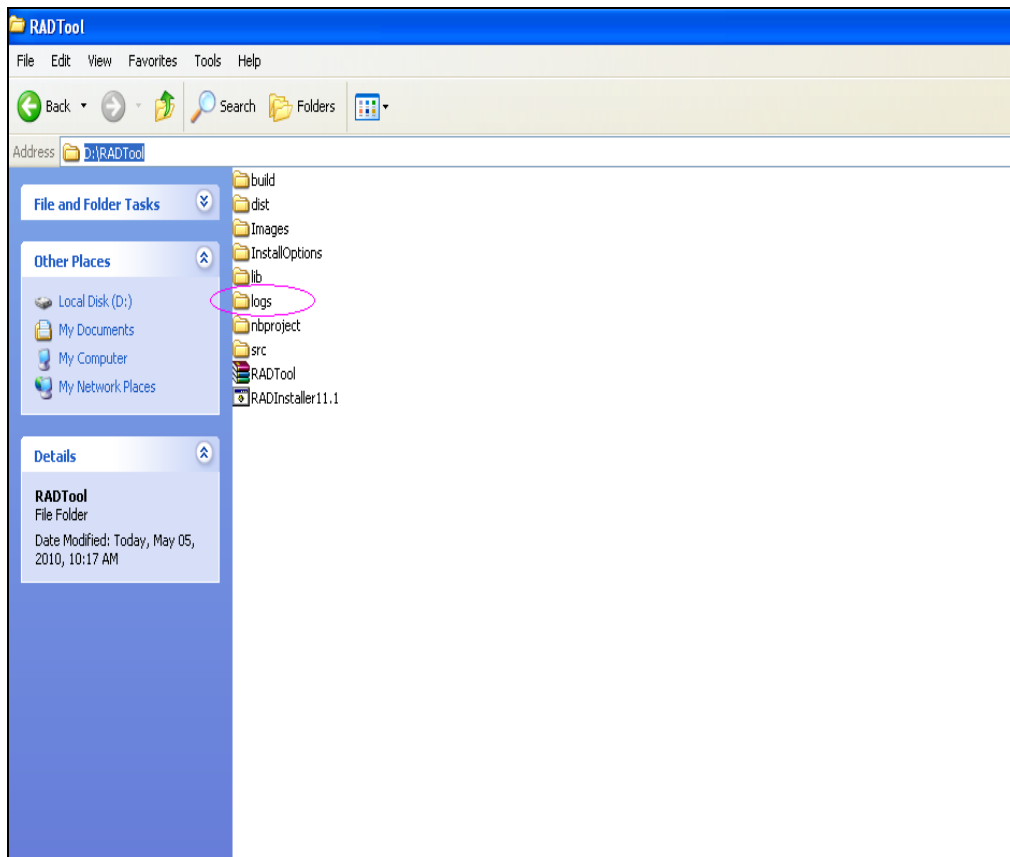
6.1 Checking Logs

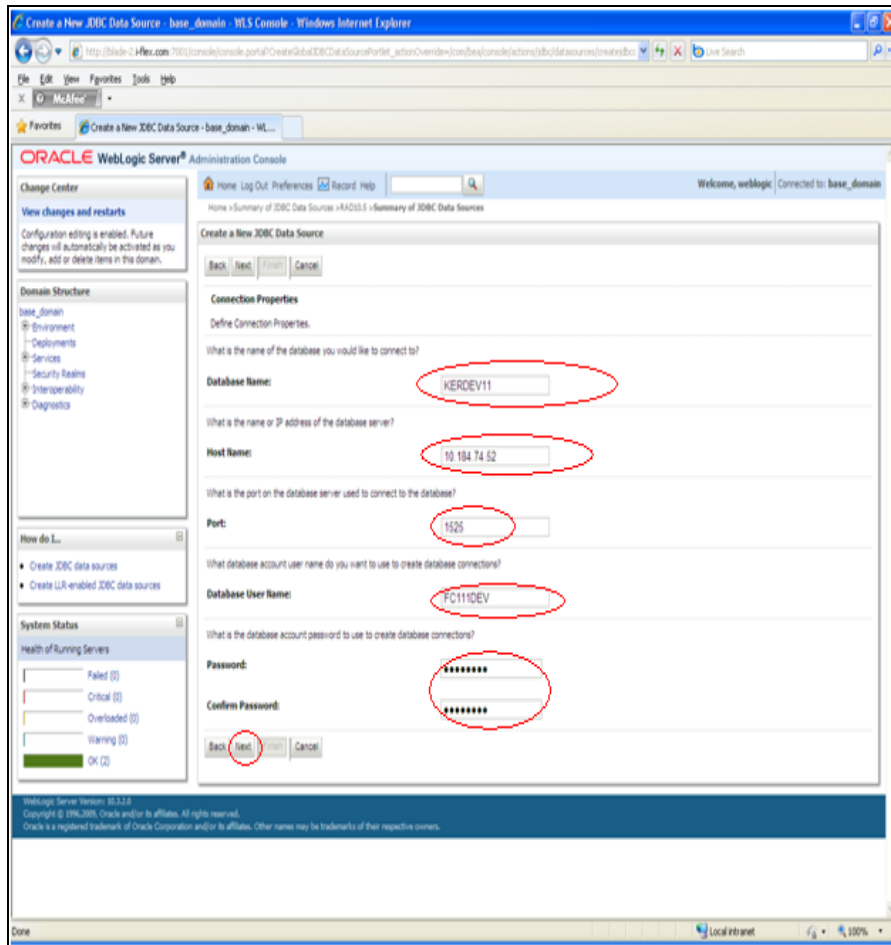
In case an error occurs while doing a particular Open Development activity and the user wants to know the exception, he can look at the log file which contains detailed information about executed and the type of error thrown if any.

To check the log file open the logs folder in the installer source of your local system.



Please Enter the Open Development Schem detail where you are going to connect the Open Development schema and select the Open Development source which you are copied from vercon area and press next button .display the screen as follows





FCJRADTool.war file is generated at specified “destPath” i.e. in this case at RADTool_11.1

This completes WAR file generation and Database installation .

7. Deployment of WAR file to Application Server

7.1 Apache Tomcat 5.5 Server

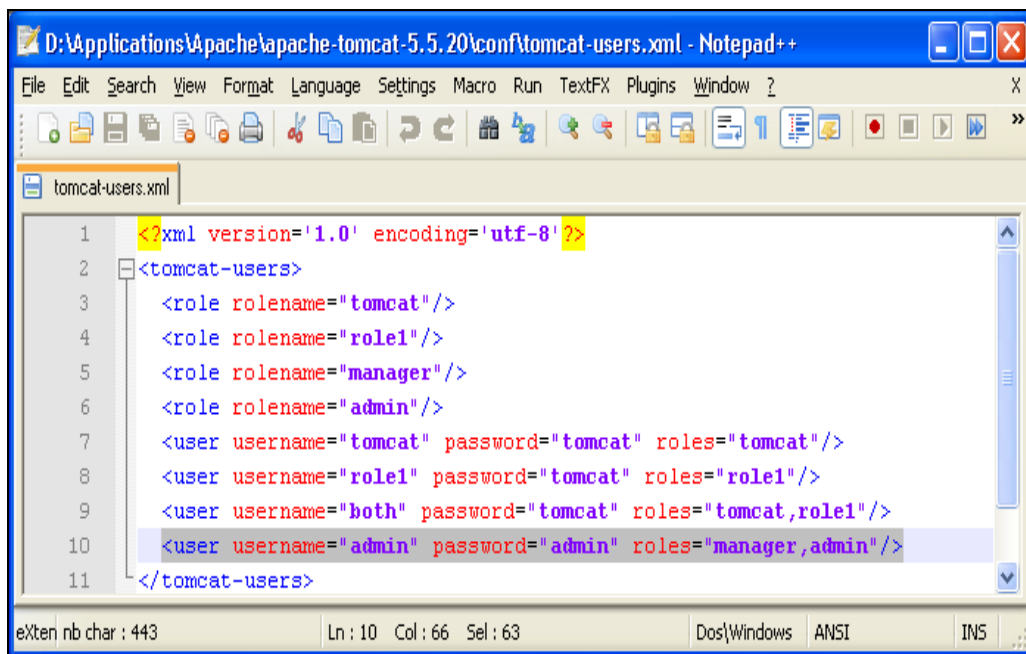
To deploy **FCJRADTool.war** to Apache Tomcat 5.5 Server follow the below mentioned steps

7.1.1 Step 1

Open tomcat-users.xml from <apache-tomcat-5.5.20_home>\conf folder.

Add <user username="admin" password="admin" roles="manager,admin"/>

As shown in highlighted section of the below screenshot.

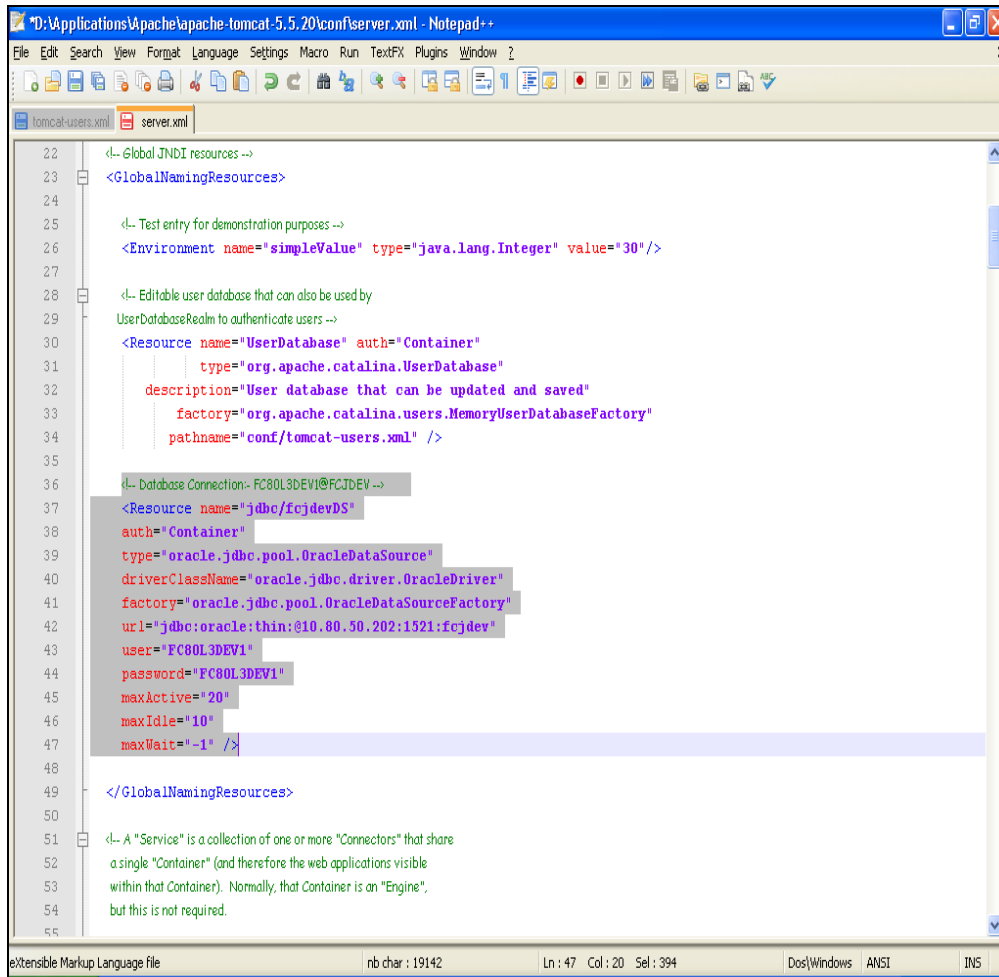


```
<?xml version='1.0' encoding='utf-8' ?>
<tomcat-users>
  <role rolename="tomcat"/>
  <role rolename="role1"/>
  <role rolename="manager"/>
  <role rolename="admin"/>
  <user username="tomcat" password="tomcat" roles="tomcat"/>
  <user username="role1" password="tomcat" roles="role1"/>
  <user username="both" password="tomcat" roles="tomcat,role1"/>
  <user username="admin" password="admin" roles="manager,admin"/>
</tomcat-users>
```

7.1.2 Step 2

Open Server.xml from <apache-tomcat-5.5.20_home>\conf folder.

Refer the highlighted section of screenshot below and add corresponding Datasource between `<GlobalNamingResources>` tags.

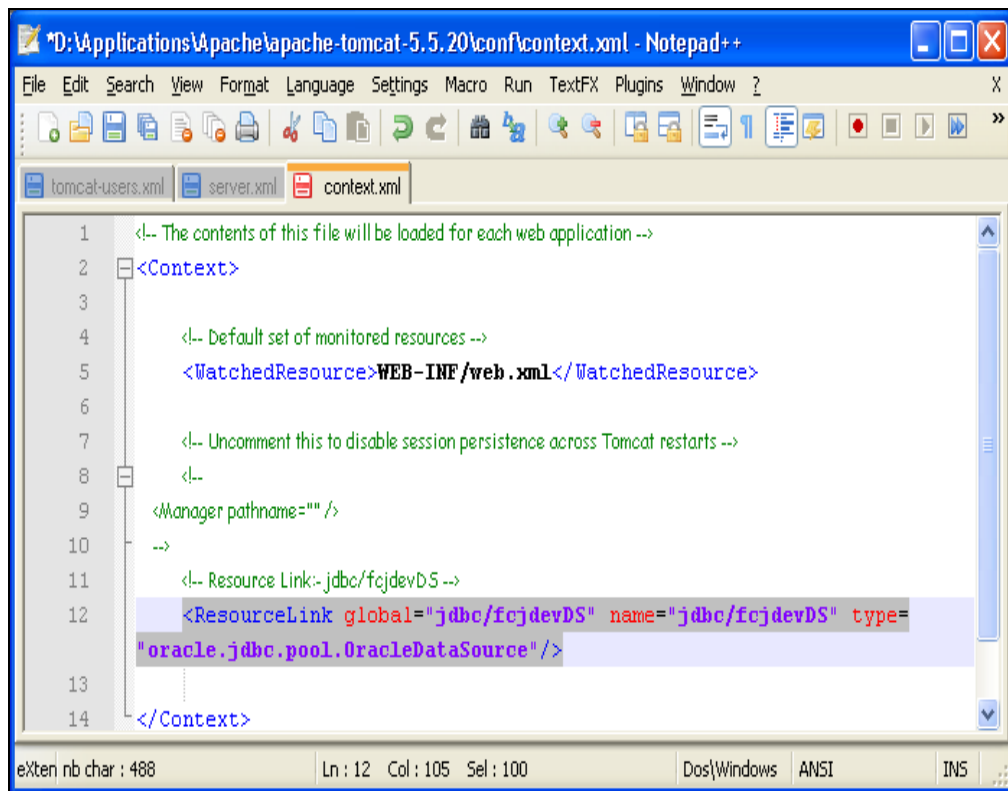


```
22 <!-- Global JNDI resources -->
23 <GlobalNamingResources>
24
25 <!-- Test entry for demonstration purposes -->
26 <Environment name="simpleValue" type="java.lang.Integer" value="30"/>
27
28 <!-- Editable user database that can also be used by
29 UserDatabaseRealm to authenticate users -->
30 <Resource name="UserDatabase" auth="Container"
31         type="org.apache.catalina.UserDatabase"
32         description="User database that can be updated and saved"
33         factory="org.apache.catalina.users.MemoryUserDatabaseFactory"
34         pathname="conf/tomcat-users.xml" />
35
36 <!-- Database Connection: FC80L3DEV1@FCJDEV -->
37 <Resource name="jdbc/fcjddevDS"
38         auth="Container"
39         type="oracle.jdbc.pool.OracleDataSource"
40         driverClassName="oracle.jdbc.driver.OracleDriver"
41         factory="oracle.jdbc.pool.OracleDataSourceFactory"
42         url="jdbc:oracle:thin:@10.80.50.202:1521:fcjddev"
43         user="FC80L3DEV1"
44         password="FC80L3DEV1"
45         maxActive="20"
46         maxIdle="10"
47         maxWait="-1" />
48
49 </GlobalNamingResources>
50
51 <!-- A "Service" is a collection of one or more "Connectors" that share
52 a single "Container" (and therefore the web applications visible
53 within that Container). Normally, that Container is an "Engine",
54 but this is not required.
55 -->
```

7.1.3 Step 3

Open context.xml from `<apache-tomcat-5.5.20_home>\conf` folder.

Refer the highlighted section of screenshot below and add corresponding Resource Link



```
1 <!-- The contents of this file will be loaded for each web application -->
2 <Context>
3
4 <!-- Default set of monitored resources -->
5 <WatchedResource>WEB-INF/web.xml</WatchedResource>
6
7 <!-- Uncomment this to disable session persistence across Tomcat restarts -->
8 <!--
9 <Manager pathname="" />
10 -->
11 <!-- Resource Link:- jdbc/fcjddevDS -->
12 <ResourceLink global="jdbc/fcjddevDS" name="jdbc/fcjddevDS" type=
13 "oracle.jdbc.pool.OracleDataSource" />
14 </Context>
```

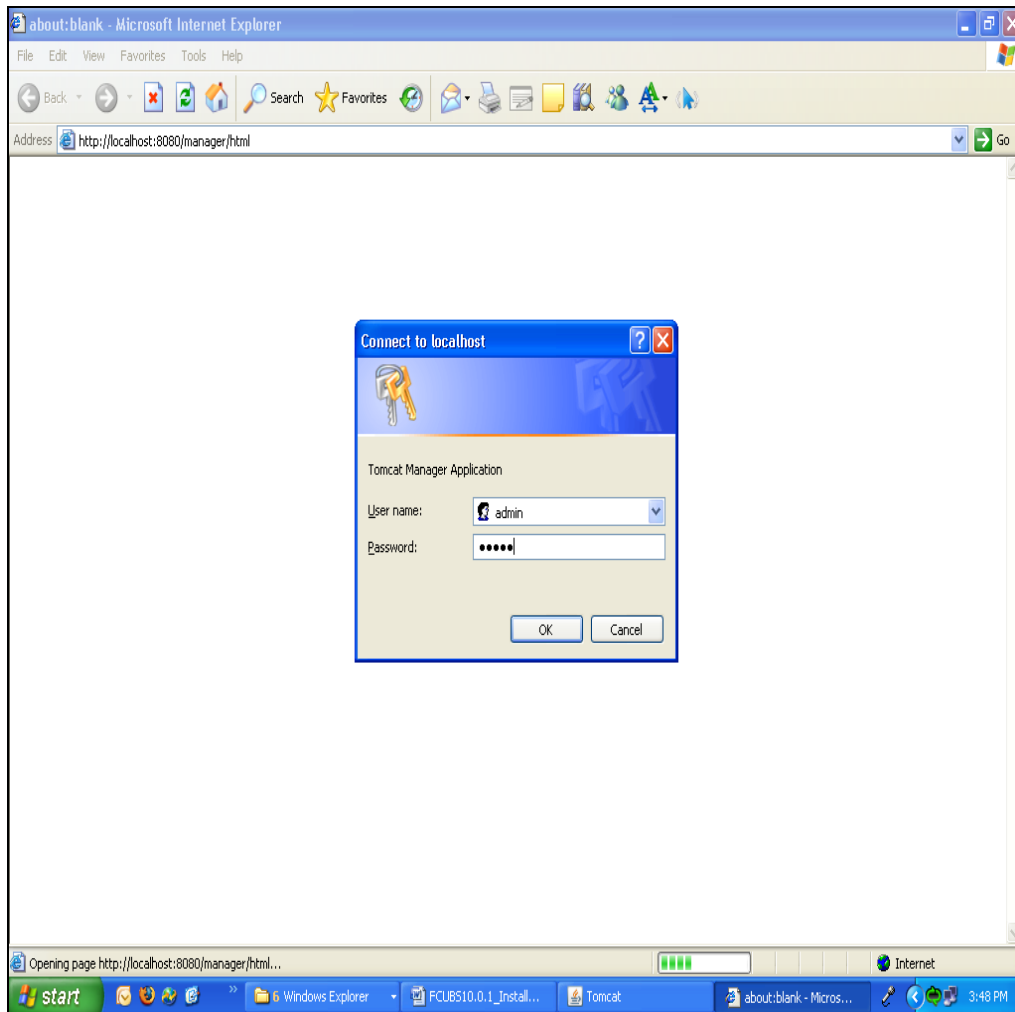
7.1.4 Step 4

Start Apache Tomcat 5.5 Server by double-clicking **startup.bat** from <apache-tomcat-5.5.20_home>\bin folder

7.1.5 Step 5

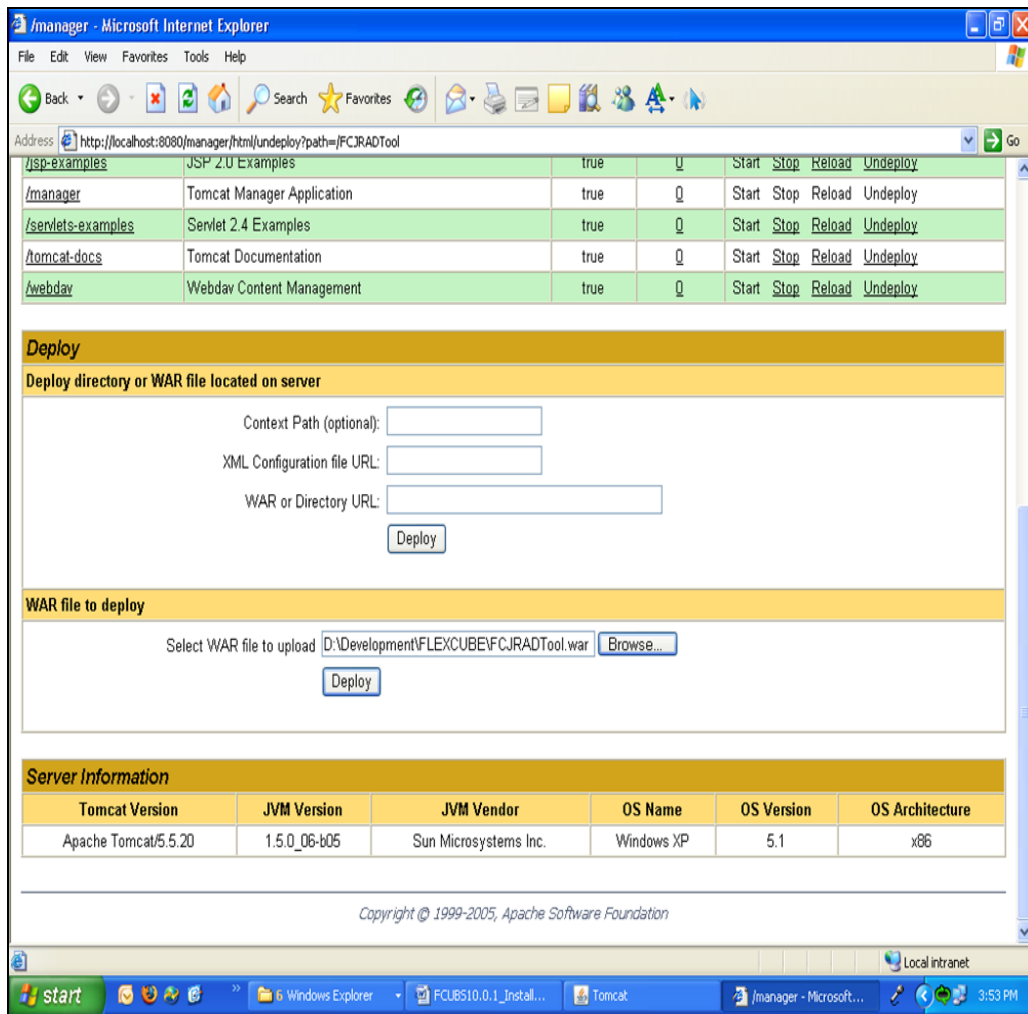
Launch Internet Explorer with URL Error! Hyperlink reference not valid.

Refer the screenshot below and enter **User Id** as **admin** and **password** as **admin**



7.1.6 Step 6

Upload the generated **FCJRADTool.war** file from RADTool_11.1 folder as shown Below in the screen shot and then click **Deploy**.



completes Deployment of FCJRADTool.war file to Apache Tomcat 5.5 Server.

RADTool 11.1 Application can be launched with the URL.

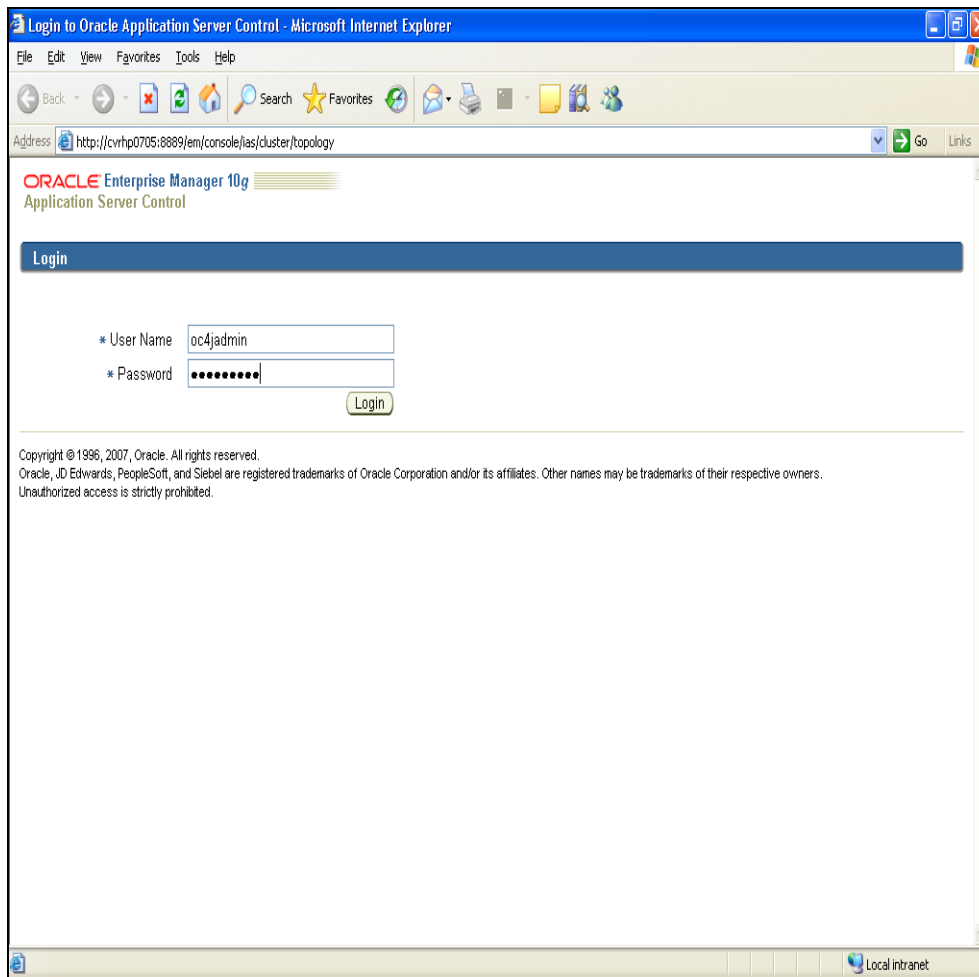
7.2 OC4J Application server

To deploy **FCJRADTool.war** to OC4J 10.1.3.X Application Server follow the below mentioned steps

Steps 1-15 explain creation of Connection Pool and Data Source. Skip these steps if Connection pool and data source already exists in the OC4J Application server.

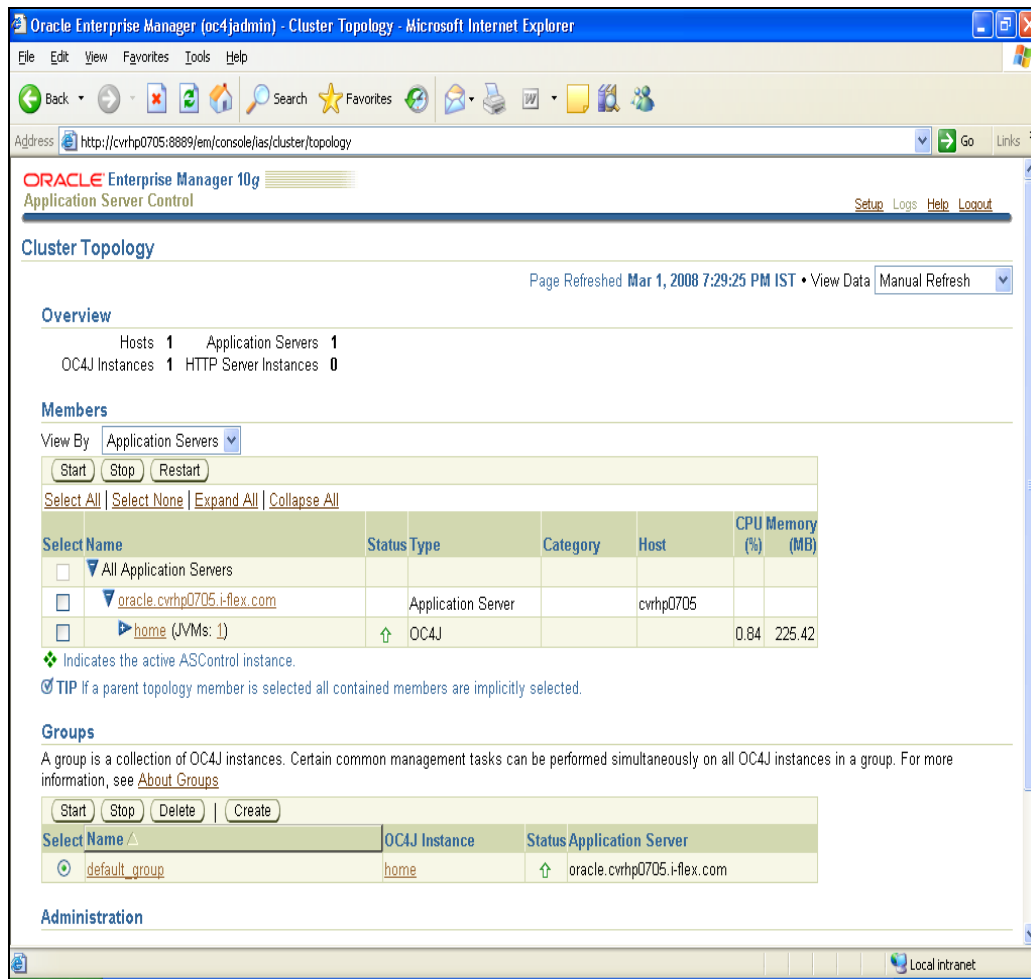
7.2.1 Step 1

Login to Oracle 10g Application server's Administration console as shown below



7.2.2 Step 2

Click **Home** as shown below



The screenshot shows the Oracle Enterprise Manager 10g Cluster Topology page in a Microsoft Internet Explorer browser. The address bar shows the URL: <http://cvrhp0705:8889/em/console/ias/cluster/topology>. The page title is "Oracle Enterprise Manager 10g - Cluster Topology - Microsoft Internet Explorer". The main content area is titled "Cluster Topology" and includes a "Page Refreshed" timestamp of "Mar 1, 2008 7:29:25 PM IST" and a "View Data" button. The "Overview" section shows the following statistics:

Hosts	Application Servers
1	1
OC4J Instances	HTTP Server Instances
1	0

The "Members" section shows a list of application servers. The "View By" dropdown is set to "Application Servers". The table below shows the details of the application servers:

Select	Name	Status	Type	Category	Host	CPU (%)	Memory (MB)
☐	All Application Servers						
☐	oracle.cvrhp0705.i-flex.com		Application Server		cvrhp0705		
☐	home (JVMs: 1)	↑	OC4J			0.84	225.42

Indicates the active ASControl instance.

TIP If a parent topology member is selected all contained members are implicitly selected.

The "Groups" section shows a list of groups. The table below shows the details of the groups:

Select	Name	OC4J Instance	Status	Application Server
☒	default_group	home	↑	oracle.cvrhp0705.i-flex.com

The "Administration" section is visible at the bottom of the page.

7.2.3 Step 3

Click Administration tab as shown below

The screenshot displays the Oracle Enterprise Manager 10g Application Server Control console in a Microsoft Internet Explorer browser window. The address bar shows the URL <http://cvrhp0705:8889/em/console/ias/oc4j/home>. The page title is "ORACLE Enterprise Manager 10g Application Server Control". The navigation tabs include Home, Applications, Web Services, Performance, and Administration, with the Administration tab currently selected. The page indicates it was refreshed on Mar 1, 2008 at 7:34:11 PM IST.

General

Status: **Up** (with a green checkmark icon and "Stop" and "Restart" buttons)
Start Time: **Mar 1, 2008 4:19:25 PM IST**
Version: **10.1.3.3.0**
Oracle Home: **D:\OracleAS_SOA**
Host: **cvrhp0705.i-flex.com**
Virtual Machines: **1**
Notifications: **0**

Response and Load

A line graph showing performance metrics over time. The Y-axis ranges from 0.0 to 1.0. The X-axis shows time intervals: 5:34, 6:00, 6:20, 6:40, 7:00, 7:20. The legend indicates two series: Request Processing Time (seconds) (blue line) and Requests per second (green line). Both series show a sharp spike at 6:00.

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Oracle, JD Edwards, PeopleSoft, and Siebel are registered trademarks of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.
[About Oracle Enterprise Manager 10g Application Server Control](#)

7.2.4 Step 4

Click JDBC Resources as shown below

The screenshot shows the Oracle Enterprise Manager 10g Application Server Control interface in a Microsoft Internet Explorer browser. The address bar shows the URL: <http://cvrhp0705:8889/em/console/ias/oc4j/administration>. The page title is "Oracle Enterprise Manager 10g Application Server Control". The navigation tabs include Home, Applications, Web Services, Performance, and Administration. The Administration tab is selected, and the page is refreshed on Mar 1, 2008 7:35:58 PM IST.

The main content area displays a table of tasks under the "Administration Tasks" category. The table has three columns: Task Name, Go to Task, and Description. The tasks listed are:

Task Name	Go to Task	Description
Administration Tasks		
Properties		
EJB Compiler Settings		Configure the EJB Compiler.
J2EE Websites		Manage the J2EE websites in this OC4J instance.
JSP Properties		Set JSP container properties.
Logger Configuration		Set log levels for all Loggers.
Thread Pool Configuration		Configure the thread pools of this OC4J instance.
Shared Libraries		Manage the shared libraries of this OC4J instance.
Server Properties		Configure server properties for this OC4J instance.
Services		
JDBC Resources		Create/delete/view data sources and connection pools.
Enterprise Messaging Service		
JMS Destinations		Create/delete/edit JMS destinations.
JMS Connection Factories		Configure JMS connection factories.
In-Memory and File Based Persistence		Configure settings for in-memory and file based persistence.
Database Persistence		Configure settings for database persistence.
OracleAS JMS Router		Configure the JMS Router.

7.2.5 Step 5

Click Create Connection Pool as shown below

The screenshot shows the Oracle Enterprise Manager (oc4jadmin) - JDBC Resources page in a Microsoft Internet Explorer browser. The address bar shows the URL: http://cvrhp0705:8889/em/console/ias/oc4j/admin/jdbc?infoKey=1d4_11869f8fa97. The page is titled "JDBC Resources" and shows a list of Data Sources and Connection Pools.

Data Sources

Name	Application	JNDI Location	Connection Pool	Managed by OCAJ	Test Connection	Delete
"BPESamplesDataSource"	default	jdbc/BPESamplesDataSource	"BPELPM_CONNECTION_POOL"	✓		
"BPEServerDataSource"	default	jdbc/BPEServerDataSource	"BPELPM_CONNECTION_POOL"	✓		
"BPEServerDataSourceWorkflow"	default	jdbc/BPEServerDataSourceWorkflow	"BPELPM_CONNECTION_POOL"	✓		
"ESBDataSource"	default	jdbc/esb	"ESBPool"	✓		
"OracleDS"	default	jdbc/OracleDS	"Example Connection Pool"	✓		

Connection Pools

Name	Application	Connection Factory Class	Monitor Performance	Test Connection	Refresh Connection Pool	Delete
"BPELPM_CONNECTION_POOL"	default	oracle.lite.pooljdbc.POLJDBCdriver				
"ESBPool"	default	oracle.lite.pooljdbc.POLJDBCdriver				
"Example Connection Pool"	default	oracle.jdbc.pool.OracleDataSource				

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7.2.6 Step 6

Click **Continue** as shown below

The screenshot shows the Oracle Enterprise Manager 10g Application Server Control interface in a Microsoft Internet Explorer browser window. The title bar reads "Oracle Enterprise Manager (oc4jadmin) - Create Connection Pool - Application - Microsoft Internet Explorer". The address bar shows the URL: `http://cvrhp0705:8889/em/console/ias/oc4j/jdbc/createCPAppChoice?app=`. The page header includes the Oracle logo, "Enterprise Manager 10g", and "Application Server Control". Navigation links for "Setup", "Logs", "Help", and "Logout" are present. The breadcrumb trail is: [Cluster Topology](#) > [Application Server: oracle.cvrhp0705.i-flex.com](#) > [OC4J: home](#) > [JDBC Resources](#) >. The main heading is "Create Connection Pool - Application". Below this heading are two buttons: "Cancel" and "Continue". The "Application" section prompts the user to "Select the application to which this new connection pool is to be added." and features a dropdown menu with "default" selected. The "Connection Pool Type" section has two radio button options: "New Connection Pool" (which is selected) and "New Connection Pool from Existing Connection Pool". Below the second option is a text description: "Create a new connection pool that is configured like an existing connection pool." and a dropdown menu for "Existing Connection Pool" with "BPCLPM_CONNECTION_POOL" selected. At the bottom of this section are "Cancel" and "Continue" buttons. The footer contains copyright information: "Copyright © 1996, 2007, Oracle. All rights reserved. Oracle, JD Edwards, PeopleSoft, and Siebel are registered trademarks of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners." and a link to "About Oracle Enterprise Manager 10g Application Server Control". The browser's status bar at the bottom shows "Done" and "Local intranet".

7.2.7 Step 7

Refer the screen shots shown below. Provide equivalent information and click Finish

Oracle Enterprise Manager 10g
Application Server Control
Cluster Topology > Application Server: oracle.cvrhp0705.i-flex.com > OC4J: home > JDBC Resources >
Create Connection Pool
Cancel Back Finish
Page Refreshed Mar 1, 2008 7:40:18 PM IST

Home Attributes Proxy Interfaces

* Name FCUBS10.0ConnectionPool

* Connection Factory Class oracle.jdbc.pool.OracleDataSource
Class must be available to the application's class loader.

URL
You can either specify a URL directly or have it generated from connection information. When you test a connection, the connection factory class and credentials specified on this page will be used to perform the test.

☒ JDBC URL jdbc:oracle:thin:@//10.80.150.202:1521/FCJDEV Test Connection

☐ Generate URL from Connection Information Test Connection

Driver Type Thin

DB Host Name

DB Listener Port

DB Identifier Type Service Name

SID/Service Name

TNS Alias

Credentials
☒ TIP For OracleDataSources, credentials must be entered if not already specified in the URL.
Username FC80L3DEV1

Oracle Enterprise Manager 10g
Application Server Control
Cluster Topology > Application Server: oracle.cvrhp0705.i-flex.com > OC4J: home > JDBC Resources >
Create Connection Pool
Cancel Back Finish
Page Refreshed Mar 1, 2008 7:40:18 PM IST

Home Attributes Proxy Interfaces

* Name FCUBS10.0ConnectionPool

* Connection Factory Class oracle.jdbc.pool.OracleDataSource
Class must be available to the application's class loader.

URL
You can either specify a URL directly or have it generated from connection information. When you test a connection, the connection factory class and credentials specified on this page will be used to perform the test.

☒ JDBC URL jdbc:oracle:thin:@//10.80.150.202:1521/mydb.com Test Connection

☐ Generate URL from Connection Information Test Connection

Driver Type Thin

DB Host Name

DB Listener Port

DB Identifier Type Service Name

SID/Service Name

TNS Alias

Credentials
☒ TIP For OracleDataSources, credentials must be entered if not already specified in the URL.
Username FC80L3DEV1
☒ Use Cleartext Password
Password
☐ Use Indirect Password
Indirect Password
example: Scott, customers/Scott

Connection Factory Properties
Specify any properties needed by the connection factory here.

Name	Value	Delete
------	-------	--------

This creates the connection pool as shown below

Oracle Enterprise Manager (oc4jadmin) - JDBC Resources - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Search Favorites

Address http://cvrhp0705:8889/em/console/ias/oc4j/admin/jdbc?infokey=1dd_11869f8a97

Application All

Data Sources

Create

Name	Application	JNDI Location	Connection Pool	Managed by OC4J	Test Connection	Delete
"BPelsSamplesDataSource"	default	jdbc/BPelsSamplesDataSource	"BPELPM_CONNECTION_POOL"	✓		
"BPelServerDataSource"	default	jdbc/BPelServerDataSource	"BPELPM_CONNECTION_POOL"	✓		
"BPelServerDataSourceWorkflow"	default	jdbc/BPelServerDataSourceWorkflow	"BPELPM_CONNECTION_POOL"	✓		
"ESBDataSource"	default	jdbc/esb	"ESBPool"	✓		
"OracleDS"	default	jdbc/OracleDS	"Example Connection Pool"	✓		

Connection Pools

Create

Name	Application	Connection Factory Class	Monitor Performance	Test Connection	Refresh Connection Pool	Delete
"BPELPM_CONNECTION_POOL"	default	oracle.lite.poljdbc.POLJDBCdriver				
"ESBPool"	default	oracle.lite.poljdbc.POLJDBCdriver				
"Example Connection Pool"	default	oracle.jdbc.pool.OracleDataSource				
"FCUBS10.0ConnectionPool"	default	oracle.jdbc.pool.OracleDataSource				

Setup | Logs | Help | Logout

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Local intranet

7.2.8 Step 8

Click **Test Connection** as shown below

Oracle Enterprise Manager (oc4jadmin) - JDBC Resources - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Search Favorites

Address http://cvrhp0705:8889/em/console/ias/oc4j/admin/jdbc?infokey=1dd_11869f8a97

Application All

Data Sources

Create

Name	Application	JNDI Location	Connection Pool	Managed by OC4J	Test Connection	Delete
"BPelsSamplesDataSource"	default	jdbc/BPelsSamplesDataSource	"BPELPM_CONNECTION_POOL"	✓		
"BPelServerDataSource"	default	jdbc/BPelServerDataSource	"BPELPM_CONNECTION_POOL"	✓		
"BPelServerDataSourceWorkflow"	default	jdbc/BPelServerDataSourceWorkflow	"BPELPM_CONNECTION_POOL"	✓		
"ESBDataSource"	default	jdbc/esb	"ESBPool"	✓		
"OracleDS"	default	jdbc/OracleDS	"Example Connection Pool"	✓		

Connection Pools

Create

Name	Application	Connection Factory Class	Monitor Performance	Test Connection	Refresh Connection Pool	Delete
"BPELPM_CONNECTION_POOL"	default	oracle.lite.poljdbc.POLJDBCdriver				
"ESBPool"	default	oracle.lite.poljdbc.POLJDBCdriver				
"Example Connection Pool"	default	oracle.jdbc.pool.OracleDataSource				
"FCUBS10.0ConnectionPool"	default	oracle.jdbc.pool.OracleDataSource				

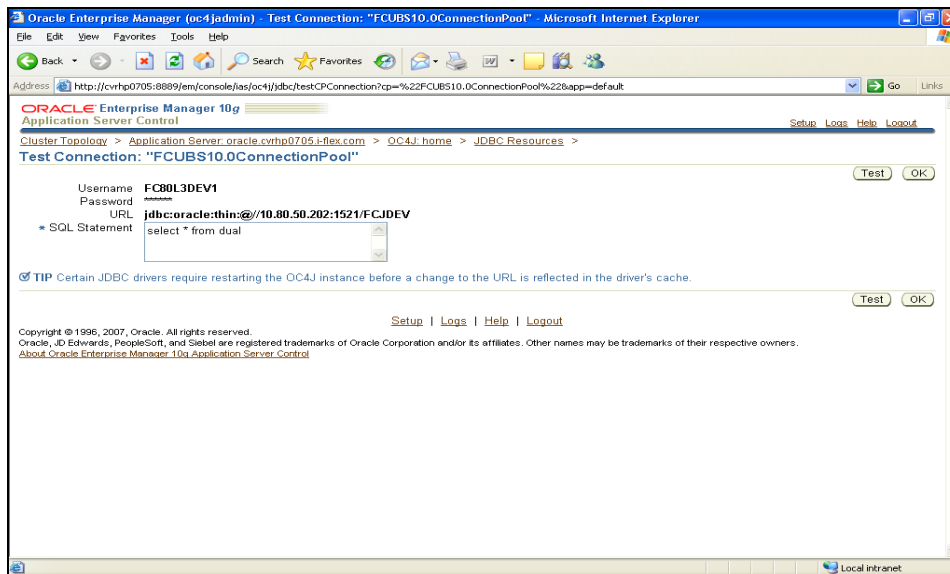
Setup | Logs | Help | Logout

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Local intranet

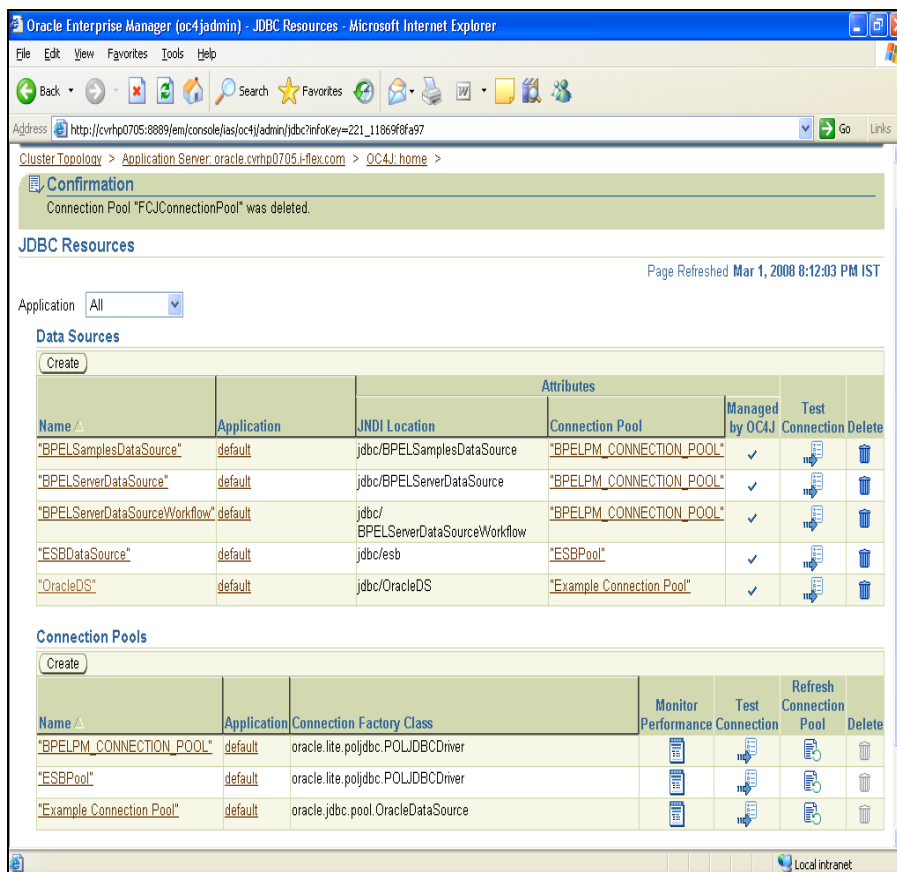
7.2.9 Step 9

Click **Test** as shown below



7.2.10 Step 10

Click **Create Data Sources** as shown below



7.2.11 Step 11

Click **Continue** as shown below

The screenshot shows the Oracle Enterprise Manager 10g Application Server Control interface in a Microsoft Internet Explorer browser window. The title bar reads "Oracle Enterprise Manager (oc4jadmin) - Create Data Source - Application & Type - Microsoft Internet Explorer". The address bar shows the URL: <http://cvrhp0705:8889/em/console/ias/oc4j/jdbc/createDS?app=8dsType=managed>. The page header includes "ORACLE Enterprise Manager 10g" and "Application Server Control". The breadcrumb trail is: [Cluster Topology](#) > [Application Server oracle.cvrhp0705.i-flex.com](#) > [OC4J home](#) > [JDBC Resources](#) > [Create Data Source - Application & Type](#). The page contains two "Continue" buttons. The "Application" section has a dropdown menu set to "default". The "Data Source Type" section has three radio buttons: "Managed Data Source" (selected), "Native Data Source", and "New Data Source from Existing Data Source". The "Managed Data Source" section includes a description: "A managed data source is one where OC4J provides critical system infrastructure such as global transaction management, connection pooling, statement caching and error handling." The "Native Data Source" section includes a description: "A native data source is one that implements the java.sql.DataSource interface and does not make use of OC4J's connection pooling or statement caching capabilities. A native data source can only participate in local transactions." The "New Data Source from Existing Data Source" section includes a description: "Create a new data source that is configured like an existing data source." and a dropdown menu for "Existing Data Source" set to "BPESamplesDataSource". The footer includes copyright information: "Copyright © 1996, 2007, Oracle. All rights reserved. Oracle, JD Edwards, PeopleSoft, and Siebel are registered trademarks of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners. About Oracle Enterprise Manager 10g Application Server Control".

7.2.12 Step 12

Refer the **screen shot** below. Provide **equivalent information** as shown below and click Finish.

Select the **Connection Pool** that was created from the combo box

Oracle Enterprise Manager 10g
Application Server Control

Cluster Topology > Application Server: oracle.cvrhp0705.i-flex.com > OC4J: home > JDBC Resources > Create Data Source - Managed Data Source

Cancel Back Finish

Application default

* Name fcjdevDS

* JNDI Location jdbc/fcjdevDS

Transaction Level Global & Local Transactions

Connection Pool FCUBS10ConnectionPool

* Login Timeout (seconds) 0
Maximum time to wait while attempting to connect to a database.

Credentials

Cancel Back Finish

Setup | Logs | Help | Logout

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Done Local intranet

This creates Data Source as shown below.

Oracle Enterprise Manager (oc4jadmin) - JDBC Resources - Microsoft Internet Explorer

Address: http://cvrhp0705:8889/em/console/ias/oc4j/admin/jdbc?infokey=234_11869f8fa97

ORACLE Enterprise Manager 10g
Application Server Control

Cluster Topology > Application Server: oracle.cvrhp0705.i-flex.com > OC4J: home >

Confirmation
Data Source fcjdevDS has been created.

JDBC Resources
Page Refreshed Mar 1, 2008 8:27:15 PM IST

Application: All

Data Sources

Create

Name	Application	Attributes		Managed by OC4J	Test Connection	Delete
		JNDI Location	Connection Pool			
"BPELSamplesDataSource"	default	jdbc/BPELSamplesDataSource	"BPELPM_CONNECTION_POOL"	✓		
"BPELServerDataSource"	default	jdbc/BPELServerDataSource	"BPELPM_CONNECTION_POOL"	✓		
"BPELServerDataSourceWorkflow"	default	jdbc/BPELServerDataSourceWorkflow	"BPELPM_CONNECTION_POOL"	✓		
"ESBDataSource"	default	jdbc/esb	"ESBPool"	✓		
"fcjdevDS"	default	jdbc/fcjdevDS	"FCUBS10ConnectionPool"	✓		
"OracleDS"	default	jdbc/OracleDS	"Example Connection Pool"	✓		

Connection Pools

Create

Name	Application	Connection Factory Class	Monitor Performance	Test Connection	Refresh Connection Pool	Delete
"BPELPM_CONNECTION_POOL"	default	oracle.lite.pooljdbc.POLJDBCdriver				

Done Local intranet

7.2.13 Step 13

Click Test Connection as shown below

Oracle Enterprise Manager 10g
Application Server Control
Cluster Topology > Application Server: oracle.cvrhp0705.i-flex.com > OC4J: home >
Confirmation
Data Source fcjdevDS has been created.
JDBC Resources
Page Refreshed Mar 1, 2008 8:27:15 PM IST
Application: All
Data Sources
Create
Table with 7 columns: Name, Application, JNDI Location, Connection Pool, Managed by OC4J, Test Connection, Delete.
Connection Pools
Create
Table with 6 columns: Name, Application, Connection Factory Class, Monitor Performance, Test Connection, Refresh Connection Pool, Delete.

7.2.14 Step 14

Click Test as shown below

Oracle Enterprise Manager 10g
Application Server Control
Cluster Topology > Application Server: oracle.cvrhp0705.i-flex.com > OC4J: home > JDBC Resources >
Test Connection: "fcjdevDS"
Username: Not Specified
Password: Not Specified
URL: jdbc:oracle:thin:@//10.80.50.202:1521/FCJDEV
SQL Statement: select * from dual
TIP: Certain JDBC drivers require restarting the OC4J instance before a change to the URL is reflected in the driver's cache.
Test OK
Setup | Logs | Help | Logout
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About Oracle Enterprise Manager 10g Application Server Control

This completes Data source creation

7.2.15 Step 15

Click **Applications Tab** to navigate to the screen shown and then click **Deploy**

The screenshot shows the Oracle Enterprise Manager 10g Application Server Control console in a Microsoft Internet Explorer browser window. The address bar shows the URL <http://localhost:8888/em/console/ias/oc4j/applications>. The page title is "OC4J: home". The navigation tabs include Home, Applications (selected), Web Services, Performance, and Administration. The page indicates it was refreshed on Apr 20, 2009 4:20:02 PM IST.

This page shows the J2EE applications and application components (EJB Modules, WAR Modules, Resource Adapter Modules) deployed to this OC4J instance.

View: Applications

Buttons: Start, Stop, Restart, Undeploy, Redeploy, Deploy

Links: Select All, Select None, Expand All, Collapse All

Select	Name	Status	Start Time	Active Requests	Request Processing Time (seconds)	Active EJB Methods	Application Defined MBeans
☐	▼ All Applications						
☐	ascontrol	↑	Apr 20, 2009 4:14:55 PM IST	1	0.06	0	
☐	▼ default	↑	Apr 20, 2009 4:14:54 PM IST	0	0.00	0	
☐	► Middleware Services						

TIP If you stop a parent application (such as the default application), then Enterprise Manager automatically stops any child applications that depend upon the parent application. Similarly, if you start a child application, Enterprise Manager automatically starts the required parent application.

Navigation: Home, Applications, Web Services, Performance, Administration

Links: Setup, Logs, Help, Logout

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Done Local intranet

7.2.16 Step 16

Upload **FCJRADTool.war** file as shown below and click Next

The screenshot shows the Oracle Enterprise Manager 10g Application Server Control interface in a Microsoft Internet Explorer browser window. The title bar reads "Oracle Enterprise Manager (oc4jadmin) - Deploy: Select Archive - Microsoft Internet Explorer". The address bar shows the URL: `http://localhost:8888/em/console/ias/j2ee/deploy/deploySelectArchive?command=startWizard&appName=apps`. The page header includes the Oracle logo, "Oracle Enterprise Manager 10g", and "Application Server Control". A progress bar at the top indicates three steps: "Select Archive" (current), "Application Attributes", and "Deployment Settings".

The main content area is titled "Deploy: Select Archive" and includes a "Cancel" button and a "Next" button (labeled "Step 1 of 3").

Archive

The following types of archives can be deployed: J2EE application (EAR files), Web Modules (WAR files), EJB Modules (EJB JAR files) and Resource Adapter Modules (RAR files).

- ☒ Archive is present on local host. Upload the archive to the server where Application Server Control is running.
Archive Location:
- ☐ Archive is already present on the server where Application Server Control is running.
Location on Server:
The location on server must be the absolute path or the relative path from j2ee/home

Deployment Plan

The deployment plan is an XML file that contains the deployment settings for an application. If you do not have a deployment plan, one will be created automatically during the deployment process. Later in the deployment process, you can optionally edit the deployment plan and save it for a future deployment of this application.

- ☒ Automatically create a new deployment plan.
The deployment plan settings will be based on OC4J defaults and information contained in the archive
- ☐ Deployment plan is present on local host. Upload the deployment plan to the server where Application Server Control is running.
Plan Location:
- ☐ Deployment plan is already present on server where Application Server Control is running.
Location on Server:
The location on server must be the absolute path or the relative path from j2ee/home

At the bottom of the form, there are "Cancel", "Step 1 of 3", and "Next" buttons. The footer contains copyright information: "Copyright © 1996, 2007, Oracle. All rights reserved. Oracle, JD Edwards, PeopleSoft and Siebel are registered trademarks of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners." and a "Local intranet" icon.

7.2.17 Step 17

Refer the screen shot below and click Next

The screenshot shows the Oracle Enterprise Manager 10g Application Server Control console in a Microsoft Internet Explorer browser window. The address bar shows the URL: <http://localhost:8888/em/console/ias/j2ee/deploy/deployAppAttributes>. The page title is "Oracle Enterprise Manager 10g Application Server Control". The navigation bar shows three steps: "Select Archive", "Application Attributes" (current step), and "Deployment Settings". The main content area is titled "Deploy: Application Attributes" and includes the following information:

- Archive Type: **Web Module (WAR file)**
- Archive Location: **D:\Development\FLEXCUBE\FCJRADTool.war**
- Deployment Plan: **Creating a new plan**

Below this information, there are several input fields and dropdown menus:

- * Application Name:
- Parent Application:
- Bind Web Module to Site:
- Context Root:

Web Module	Context Root
ORACLE RAD Tool	FCJRADTool

At the bottom of the form, there are "Cancel", "Back", "Step 2 of 3", and "Next" buttons. The "Next" button is highlighted. The footer of the page contains copyright information and a link to "About Oracle Enterprise Manager 10g Application Server Control".

7.2.18 Step 18

Click **Go To Task for Map Environment Reference** as shown below

Oracle Enterprise Manager 10g
Application Server Control

Deploy: Deployment Settings

Archive Type **Web Module (WAR file)**
Archive Location **D:\Development\FLEXCUBE\FCJRADTool.war**
Deployment Plan **Creating a new plan**

Application Name **FCJRADTool**
Parent Application **default**
Bind Web Module to Site **default-web-site**
Context Root **FCJRADTool**

Cancel Back Step 3 of 3 Deploy

Deployment Tasks

The table below provides a set of common deployment tasks you might want to perform for this application. Only those tasks that apply to the current application are enabled.

Task Name	Go To Task	Description
Map Environment References		Map any environment references in your application (for example, data sources) to physical entities currently present on the operational environment.
Select Security Provider		A security provider acts as the source for available users and groups when mapping security roles.
Map Security Roles		Map any security roles exposed by your application to existing users and groups. The list of users and groups is obtained from the security provider you selected for this application.
Configure EJBs		Configure the Enterprise JavaBeans in your application.
Configure Clustering		Configure clustering of your application.
Configure Class Loading		Manipulate the classpath of your application.

Advanced Deployment Plan Editing

Click Edit Deployment Plan to set more advanced deployment options. [Edit Deployment Plan](#)

Save Deployment Plan

After you make changes, you can save the deployment plan to your local disk. You

7.2.19 Step 19

Refer the screen shot below and enter corresponding details and then click OK.

Oracle Enterprise Manager (oc4jadmin) - Deployment Settings: Map Environment References - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address http://localhost:8888/em/console/has/j2ee/deploy/oc4j/tasks/mapEnvRefs

ORACLE Enterprise Manager 10g
Application Server Control

Select Archive Application Attributes **Deployment Settings**

Deployment Settings: Map Environment References

Cancel OK

Archive Type **Web Module (WAR file)**
 Archive Location **D:\Development\FLEXCUBE\FCJRADTool.war**
 Deployment Plan **Creating a new plan**

Application Name **FCJRADTool**
 Parent Application **default**
 Bind Web Module to Site **default-web-site**
 Context Root **FCJRADTool**

Map Resource References

The table below lists the resource references which need to be associated with physical entities on the system where the selected instance/cluster is running.

Resource Reference	Description	Type	Referenced By		Map to JNDI Location
			Module	Enterprise Bean	
jdbc/fccdev		javax.sql.DataSource	ORACLE RAD Tool	n/a	jdbc/fccdev
jdbc/fcdev		javax.sql.DataSource	ORACLE RAD Tool	n/a	jdbc/fcdev
jdbc/fcdevDS		javax.sql.DataSource	ORACLE RAD Tool	n/a	jdbc/fcdevDS

Map URL Resource References

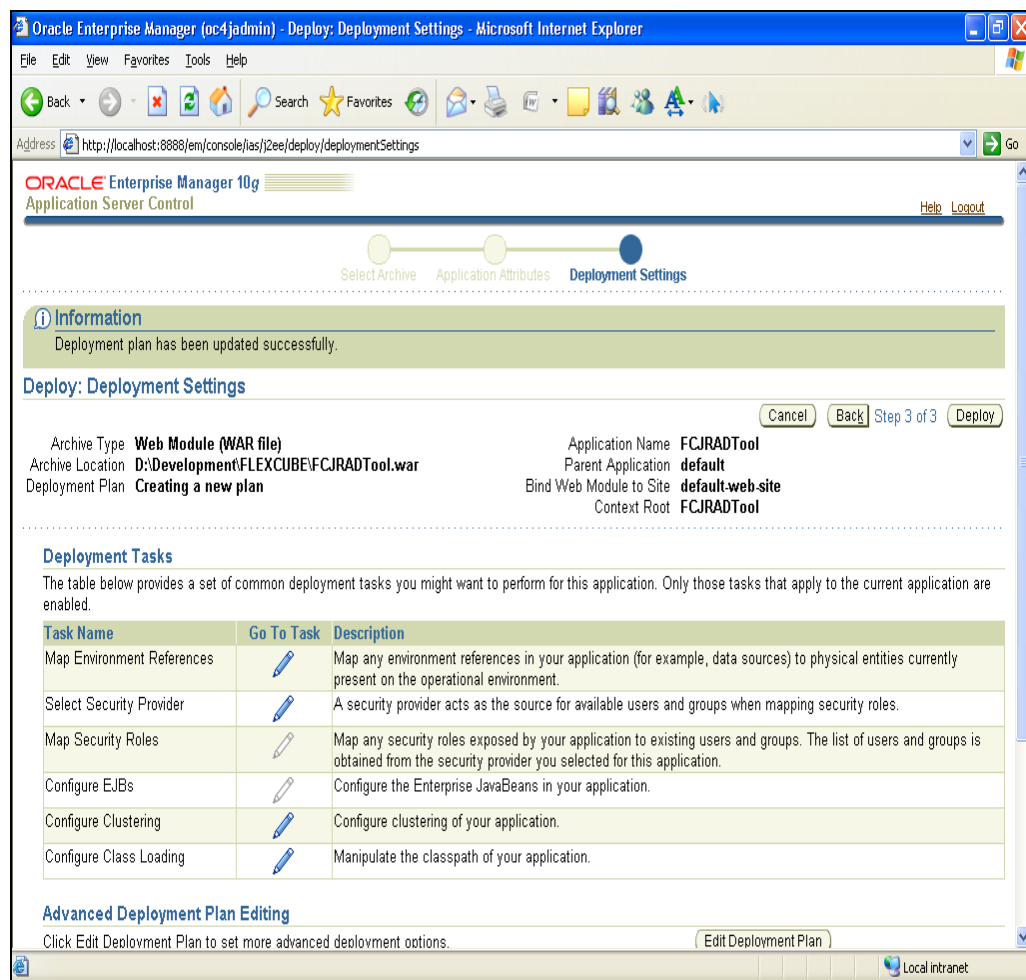
The table below lists the resource references of type java.net.URL each of which must be linked to a URL.

Resource Reference	Description	Referenced By		
		Module	Enterprise Bean	Map to URL
No resource references were				

Done Local intranet

7.2.20 Step 20

Click Deploy



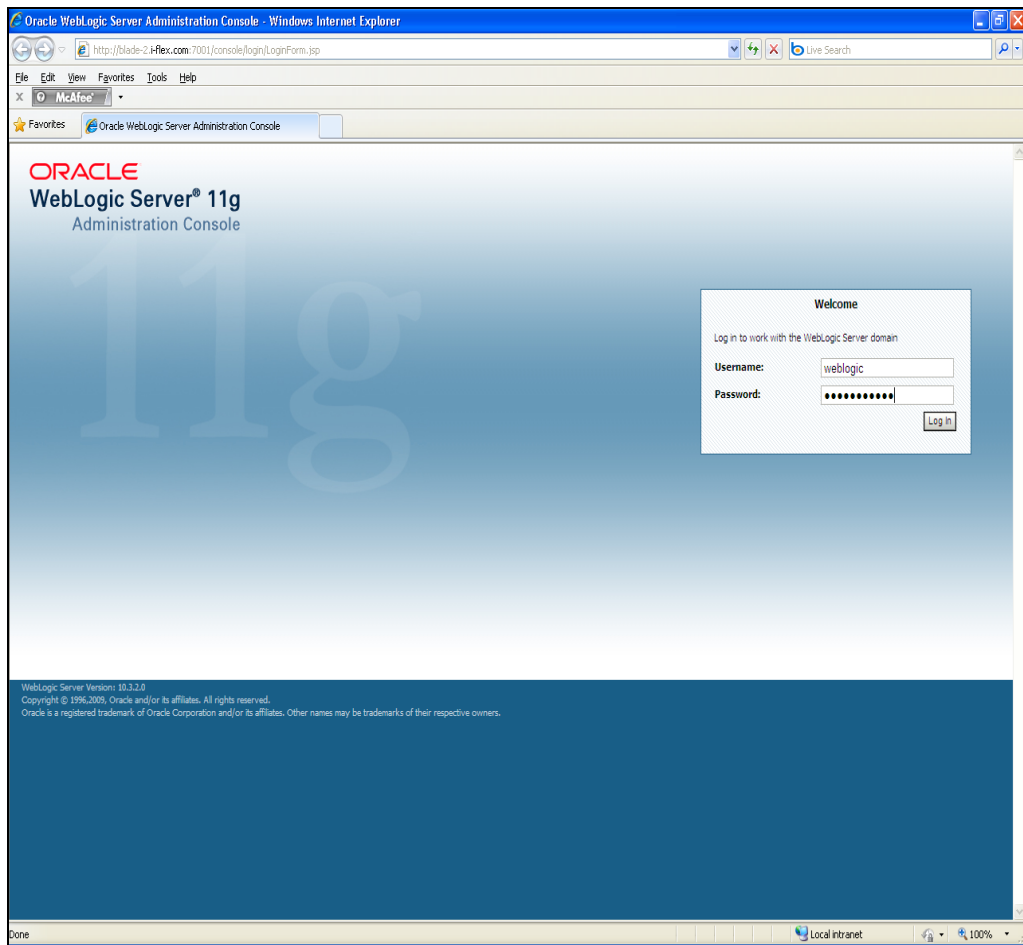
This completes Deployment of FCJRADTool.war file to OC4J 10.1.3.x Application server.

7.3 WebLogic Application server

To deploy **FCJRADTool.war** to WebLogic Application Server follow the below mentioned steps

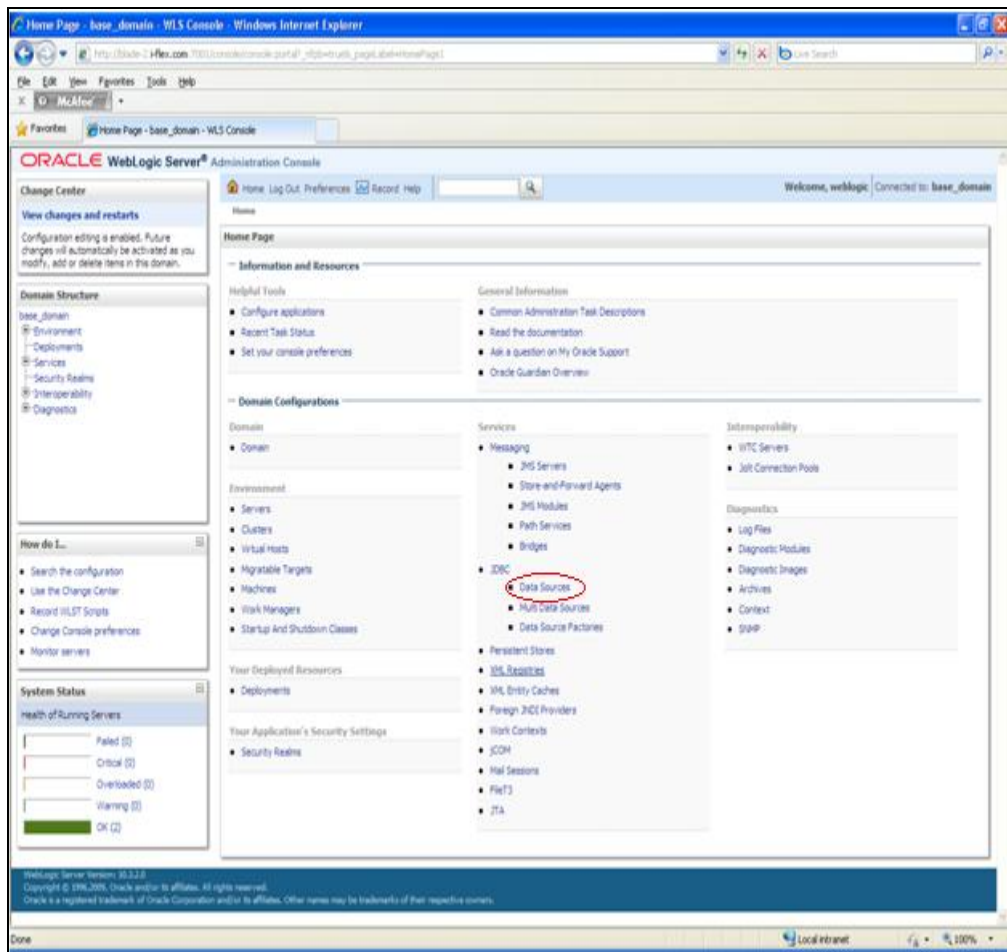
Steps 1-18 explain creation of Connection Pool and Data source. Skip these steps if Connection pool and data source already exists in the WebLogic Application server.

Login to the Weblogic Server with <Username> and <Password>



7.3.1 Step 1

Under Domain Configurations→Services→JDBC, Click on Data Sources



7.3.2 Step 2

JDBC Data Sources shows a list of available Data Sources. To create a new DS, Click on New

The screenshot shows the Oracle WebLogic Server Administration Console in a web browser. The page title is "Summary of JDBC Data Sources - base_domain - WLS Console - Windows Internet Explorer". The URL is "http://blade21:7001/console/console.portal?_afpb=trunk_page&afpb=GlobalJDBCDataSourceTablePage". The page content includes a "Change Center" sidebar, a "Domain Structure" tree, and a "Summary of JDBC Data Sources" main area. The "Summary" area contains a description of JDBC data sources and a table of existing data sources. A "New" button is circled in red in the top left of the table area.

Summary of JDBC Data Sources

A JDBC data source is an object bound to the JNDI tree that provides database connectivity through a pool of JDBC connections. Applications can look up a data source on the JNDI tree and then borrow a database connection from a data source.

This page summarizes the JDBC data source objects that have been created in this domain.

Customize this table

Data Sources (Filtered - More Columns Exist)

☐	Name	JNDI Name	Targets
☐	fcjSchedulerDS	jdbc/fcjSchedulerDS	ManagedServer_1
☐	FCJBS11.1	jdbc/fcjbs11.1	ManagedServer_1
☐	HDPC	jdbc/fcjbs11.1	ManagedServer_1
☐	RAD10.5	jdbc/PCCEV	ManagedServer_1

Showing 1 to 4 of 4 Previous | Next

7.3.3 Step 3

- Give a suitable name for the Data Source. The JNDI Name(Case Sensitive) should match the name as given in Open Development web.xml. Click Next.
- JNDI Name Should be like jdbc/<Schema-Name>

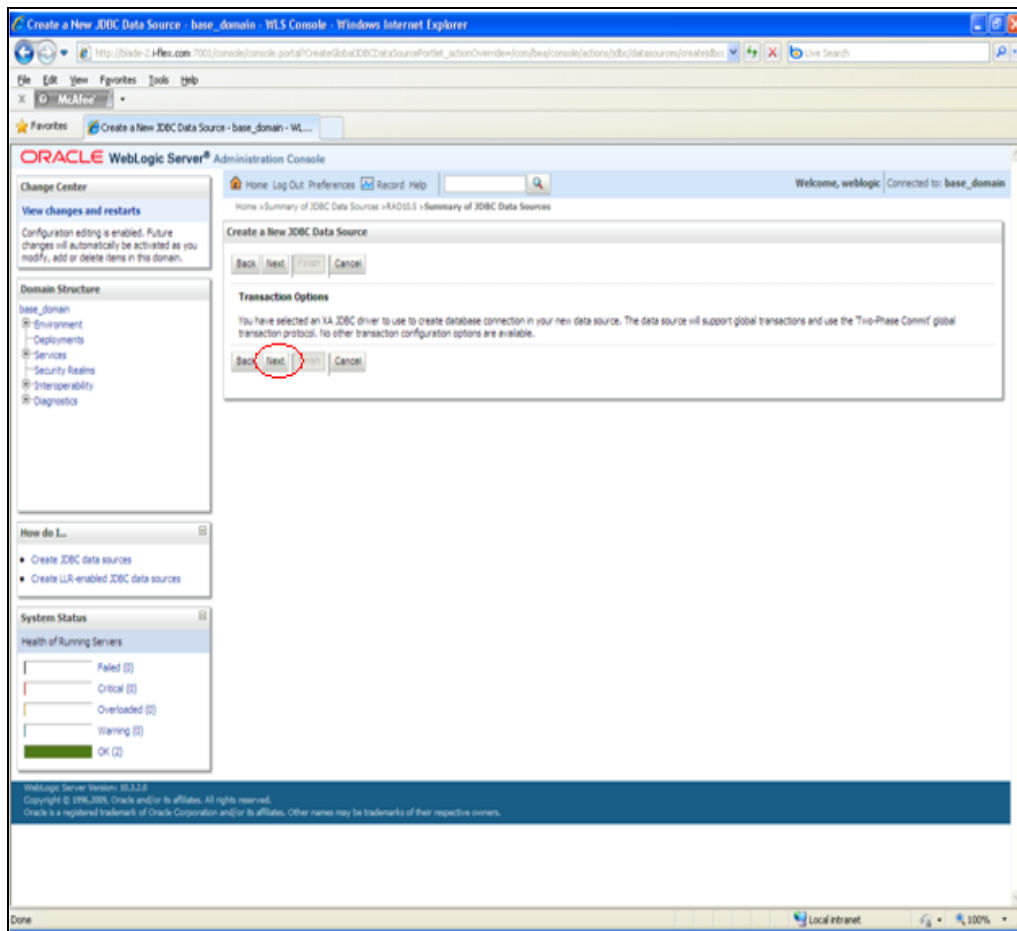


Schema Name is same added while adding environment details.

The screenshot shows the Oracle WebLogic Server Administration Console. The main window is titled 'Create a New JDBC Data Source - base_domain - WLS Console - Windows Internet Explorer'. The console displays the 'Create a New JDBC Data Source' wizard. The 'Name' field is set to 'RAD11' and the 'JNDI Name' field is set to 'jdbc/RAD11DEV'. The 'Database Type' is 'Oracle' and the 'Database Driver' is 'Oracle's Driver (Thin XA) for Instance connections: Versions 9.0.1.9.2.0.10.11'. The 'Next' button is highlighted with a red circle.

7.3.4 Step 4

Click Next



7.3.5 Step 5

Fill in the Marked Fields in Connection Properties. Click Next

7.3.6 Step 6

Click on Test Configuration to test if connection is being made to the data source. Click next.

The screenshot shows the 'Create a New JDBC Data Source' wizard in the WLS Console. The wizard is titled 'Create a New JDBC Data Source - base_domain - WLS Console - Windows Internet Explorer'. The URL in the address bar is 'http://base1:7001/console/console.portal?_afCreateJDBCDataSourceForTest_action=next&wlsconsole.actions.jdbc.datasource.createJDBC...'. The wizard has several sections:

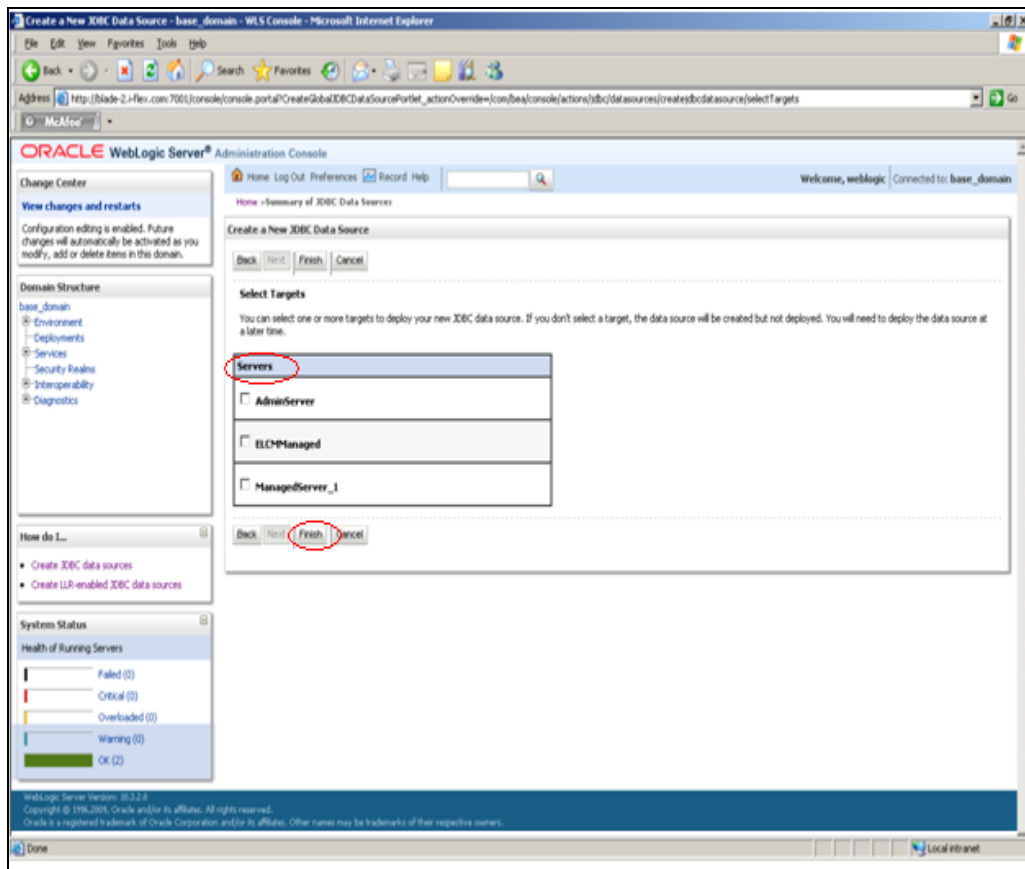
- Driver Class Name:** oracle.jdbc.xa.client.OracleThinDriver
- URL:** jdbc:oracle:thin:@10.104.1.1:1521:orcl
- Database User Name:** FC111DEV
- Password:** (masked with asterisks)
- Confirm Password:** (masked with asterisks)
- Properties:** (empty text area)
- Test Table Name:** DUAL

At the bottom of the wizard, there are four buttons: 'Test Configuration', 'Back', 'Next', and 'Cancel'. The 'Test Configuration' button is circled in red. The 'Next' button is also circled in red.

At the bottom of the console window, there is a status bar with the text 'Done' and 'Local Intranet'.

7.3.7 Step 7

Choose a Target where you wish to deploy the new Data source and Click Finish.



7.3.8 Step 8

This completes the creation of Datasources. Now to deploy the War file click on Deployments under Domain Structure.

The screenshot shows the Oracle WebLogic Server Administration Console. The left-hand navigation pane displays the 'Domain Structure' tree, where the 'Deployments' link is circled in red. The main content area is titled 'Summary of JDBC Data Sources' and includes a table of existing data sources. The table has columns for 'Name', 'JNDI Name', and 'Targets'. The 'RAD11' data source is selected, and a 'Select RAD11' button is visible below the table.

Name	JNDI Name	Targets
fcsSchedulerDS	jdbc/fcsSchedulerDS	ManagedServer_1
FCSB11.1	jdbc/fcsb11.1	ManagedServer_1
HPC	jdbc/fcsb11.1	ManagedServer_1
RAD10.5	jdbc/RAD10.5	ManagedServer_1
RAD11	jdbc/RAD11	ManagedServer_1

7.3.9 Step 9

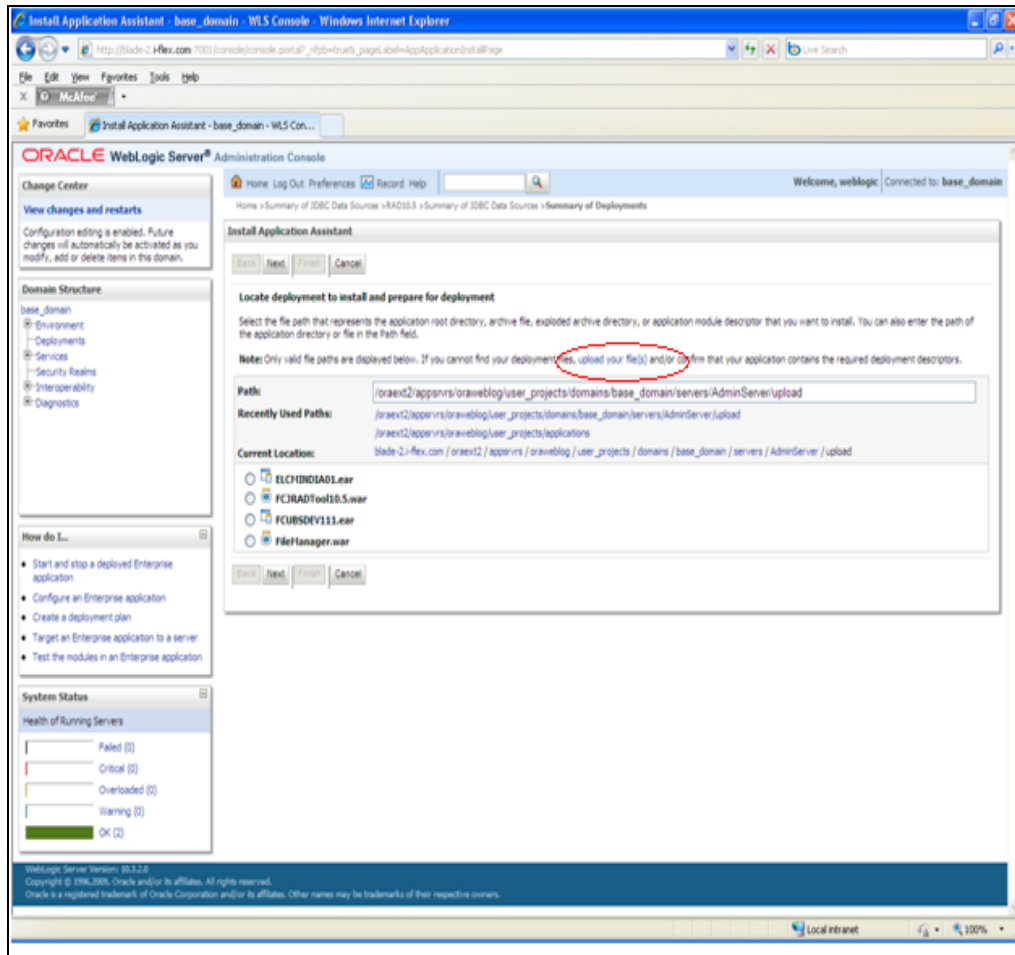
To install a new application or module for deployment click the Install button.

The screenshot shows the Oracle WebLogic Server Administration Console in a web browser. The page title is "Summary of Deployments - base_domain - WLS Console". The left sidebar contains a "Domain Structure" tree with "base_domain" selected, and a "How do I..." section with links like "Install an Enterprise application". The main content area is titled "Summary of Deployments" and has tabs for "Control" and "Monitoring". Below the tabs, there is a table of deployments. The "Install" button is highlighted with a red circle. The table lists four deployments: "WLSCHC1A01", "WLSCHC1A02_5", "WLSCHC1A03", and "WLSCHC1A04".

Name	State	Health	Type	Deployment Order
WLSCHC1A01	New		Enterprise Application	100
WLSCHC1A02_5	Active	OK	Web Application	100
WLSCHC1A03	Active	OK	Enterprise Application	100
WLSCHC1A04	Active	OK	Web Application	100

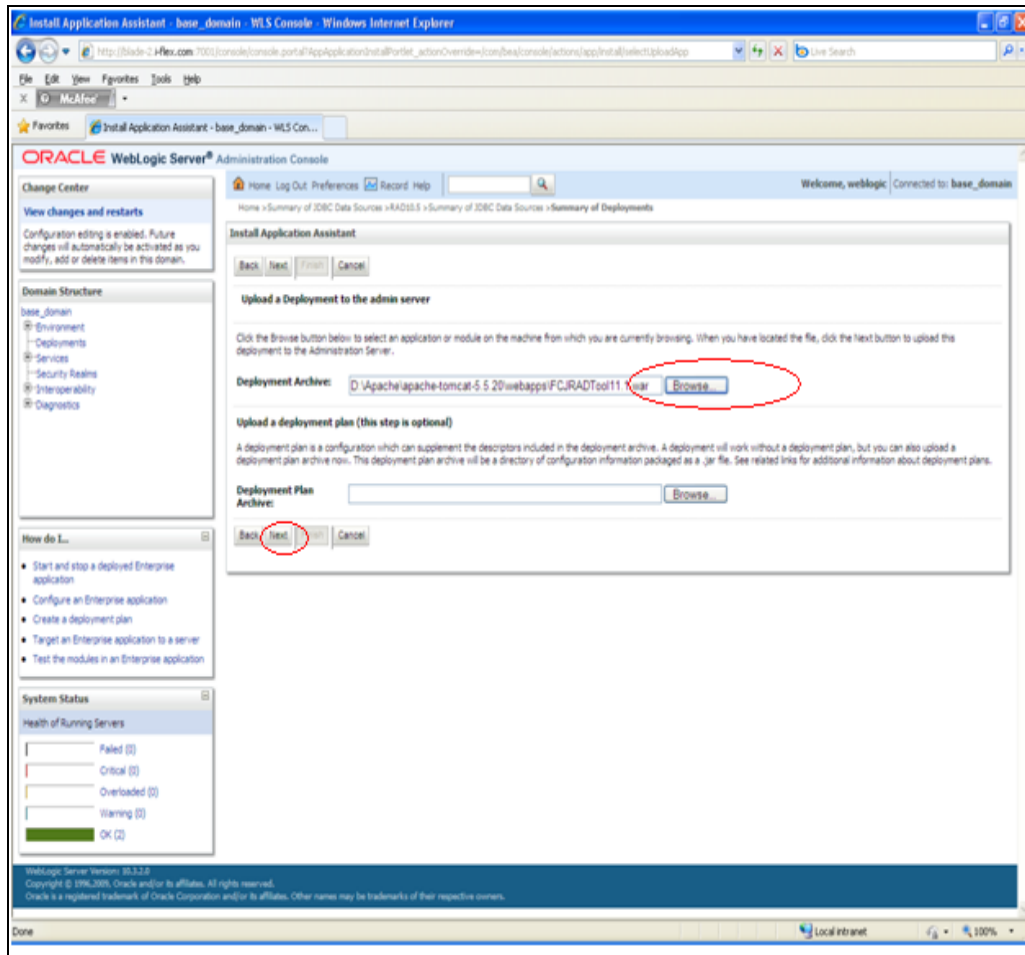
7.3.10 Step 10

The Open Development war file first needs to be uploaded to weblogic local machine. Click on upload your file(s) hyperlink.



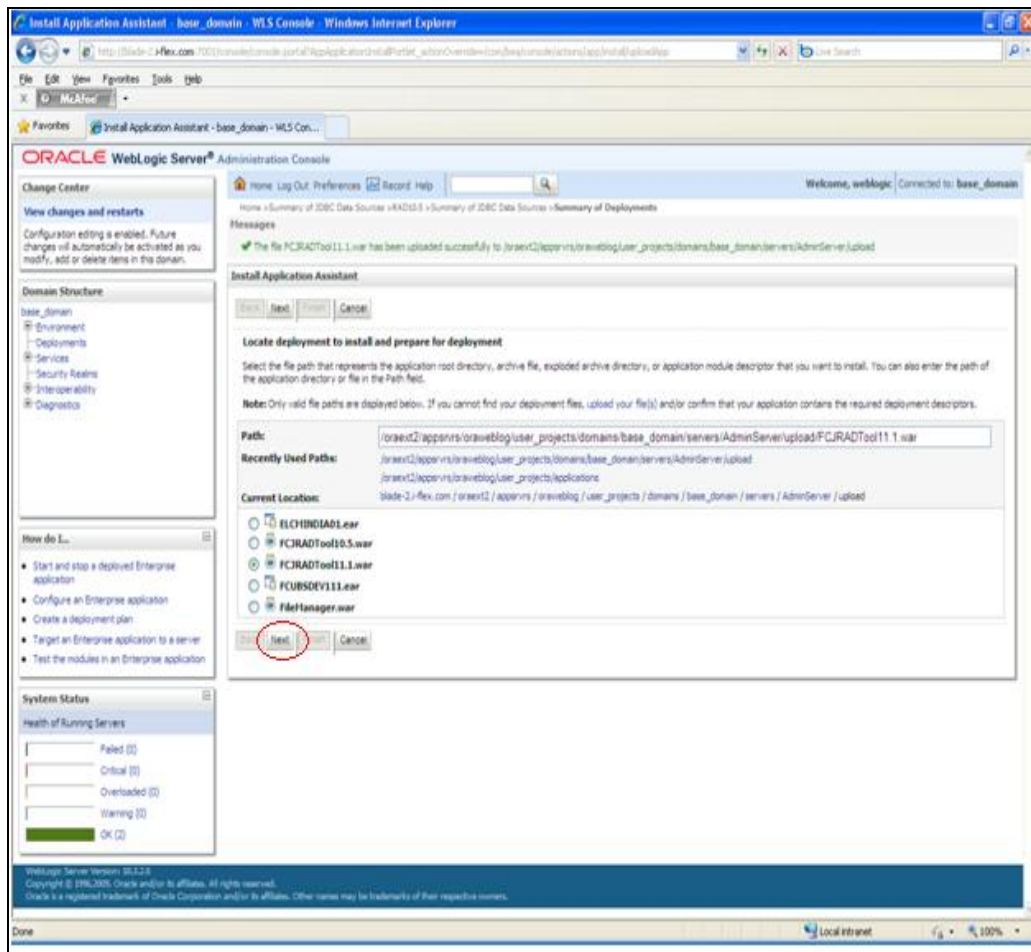
7.3.11 Step 11

Choose the deployment archive by click on Browse Button. Skip the optional step of uploading a deployment plan. Click Next.



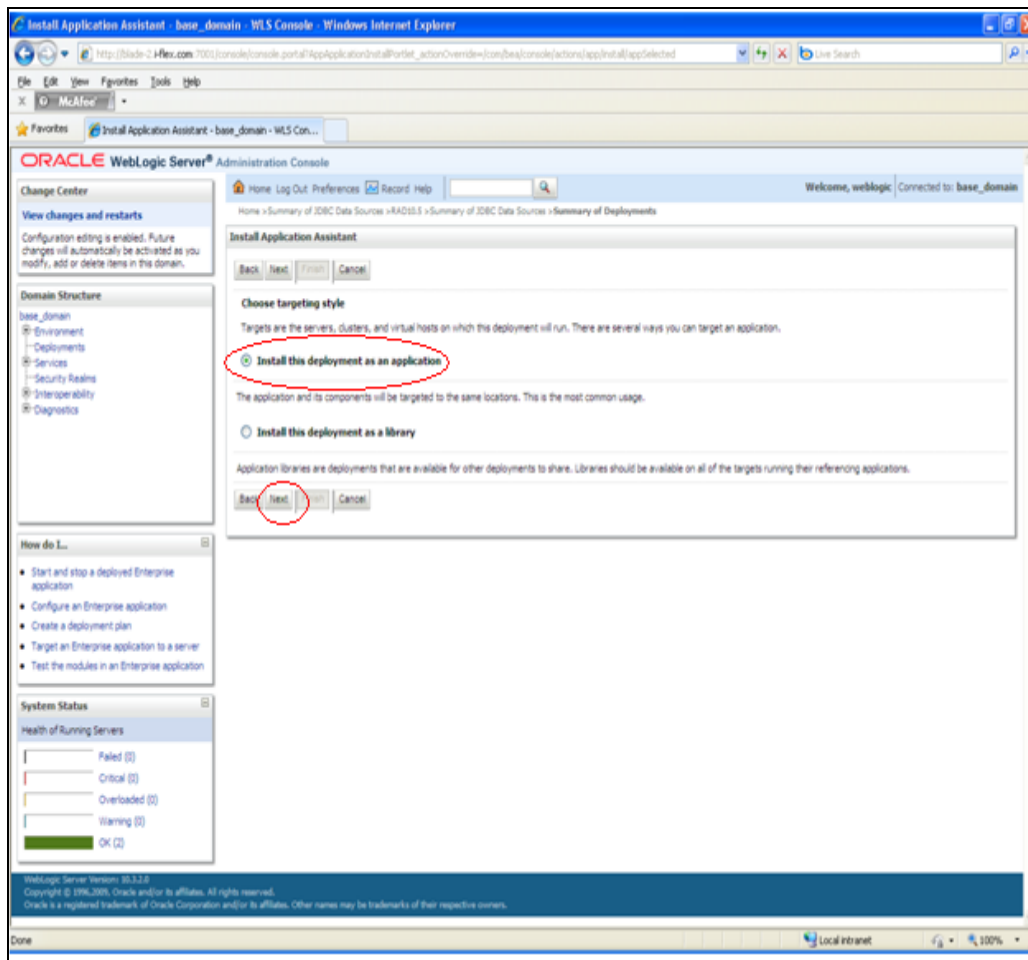
7.3.12 Step 12

Click Next



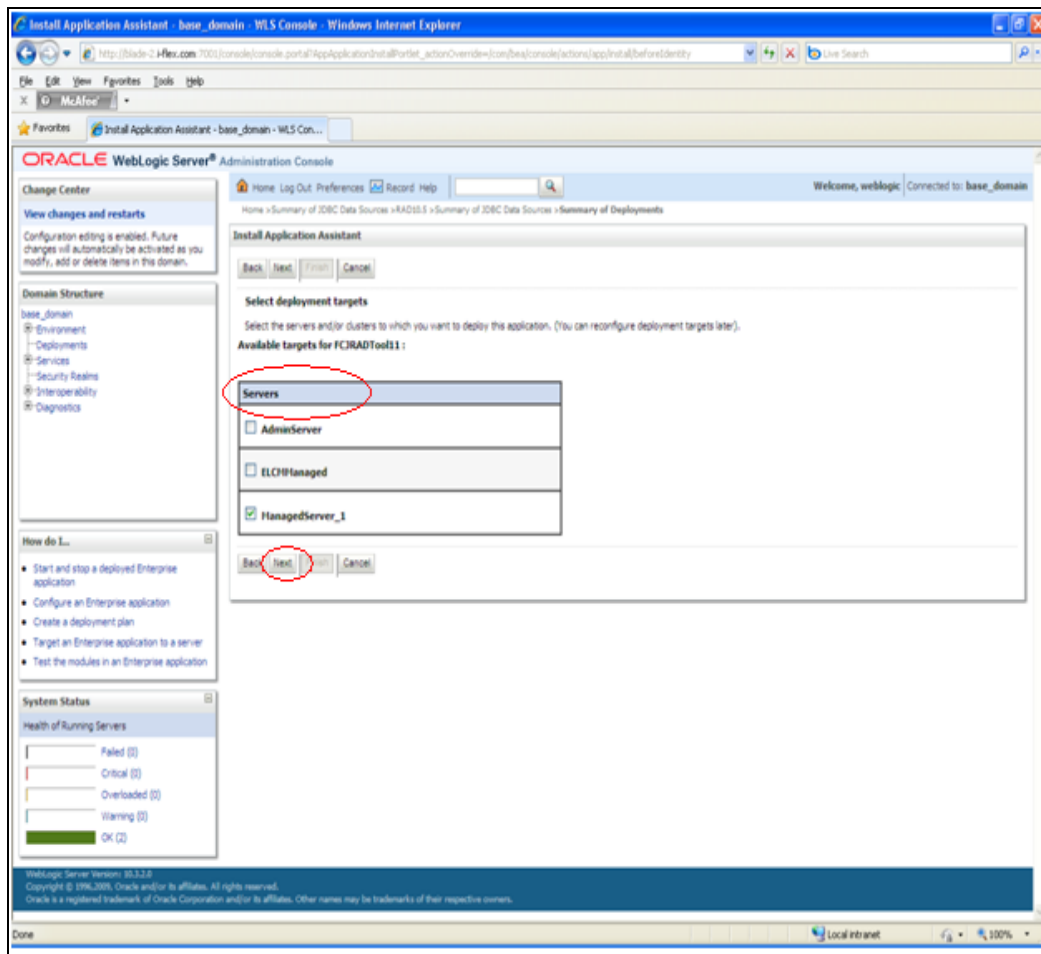
7.3.13 Step 13

Choose the option Install the deployment as an application and Click on Next.



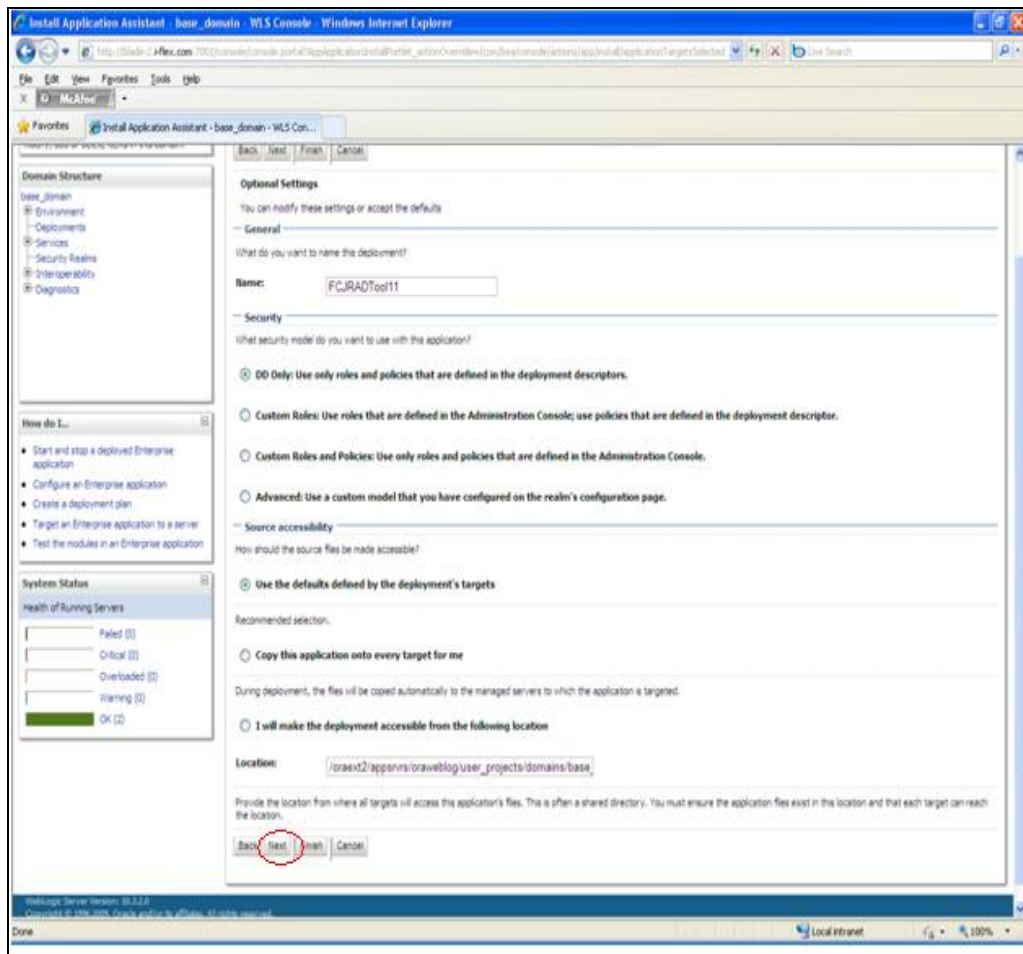
7.3.14 Step 14

Choose the target server where the deployment will be located and Click on Next.



7.3.15 Step 15

Click Next.



7.3.16 Step 16

This completes the deployment of War File. The Open Development Deployment will now be seen under the list of Deployments. Click on the Hyperlink marked in Red.

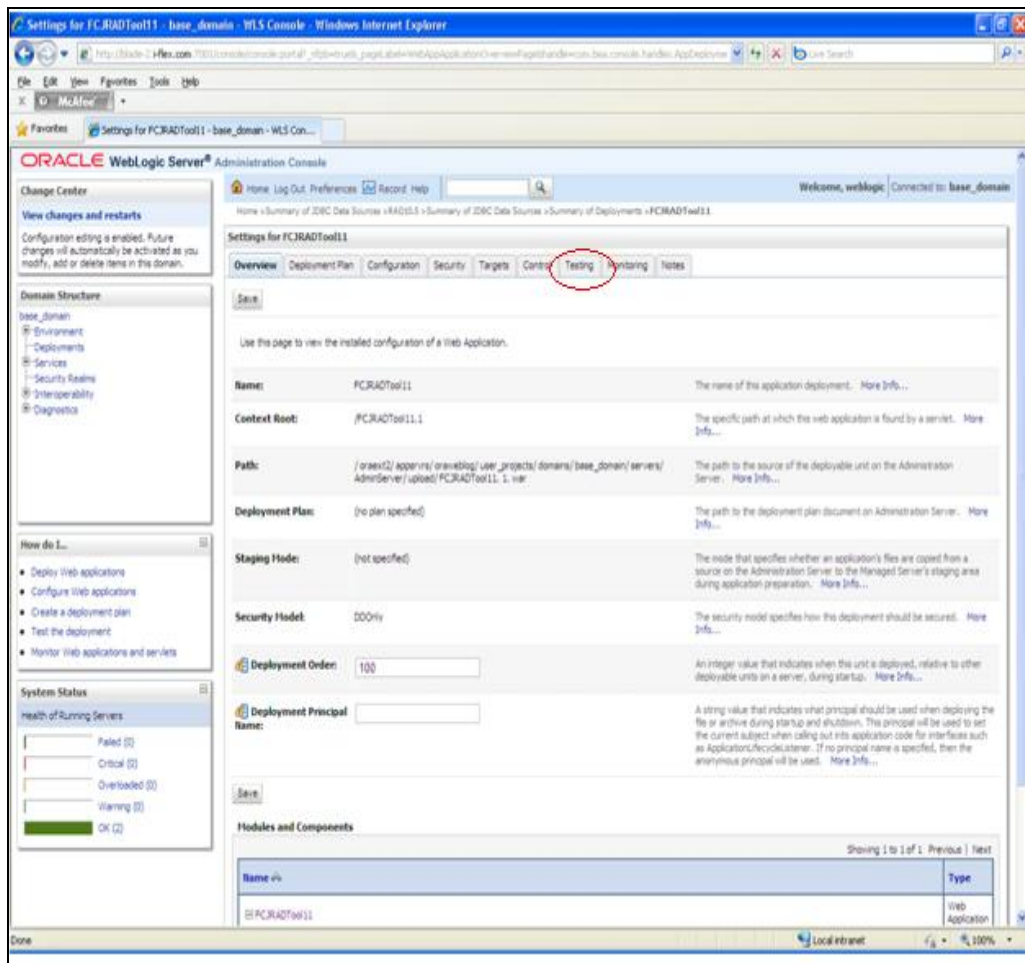
The screenshot shows the Oracle WebLogic Server Administration Console. The main content area displays the 'Summary of Deployments' page. On the left, there is a 'Domain Structure' tree with 'Deployments' selected. Below it, a 'How to...' section lists various tasks. The 'System Status' section shows the health of running servers. The main table lists the following deployments:

Name	State	Health	Type	Deployment Order
WLSCHN12121	New		Enterprise Application	100
PCSRADTool11_5	Active	OK	Web Application	100
PCSRADTool11	Active	OK	Web Application	100
WLSCHN12121	Active	OK	Enterprise Application	100
WLSCHN12121	Active	OK	Web Application	100

The 'PCSRADTool11' deployment is highlighted with a red circle. The 'PCSRADTool11_5' deployment is also highlighted with a red circle. The 'PCSRADTool11' deployment is the one mentioned in the text as being marked in red.

7.3.17 Step 17

Go to the Testing Tab.



7.3.18 Step 18

The Deployment of Open Development on Weblogic Server has been finished and you may launch the application by the link mentioned below.

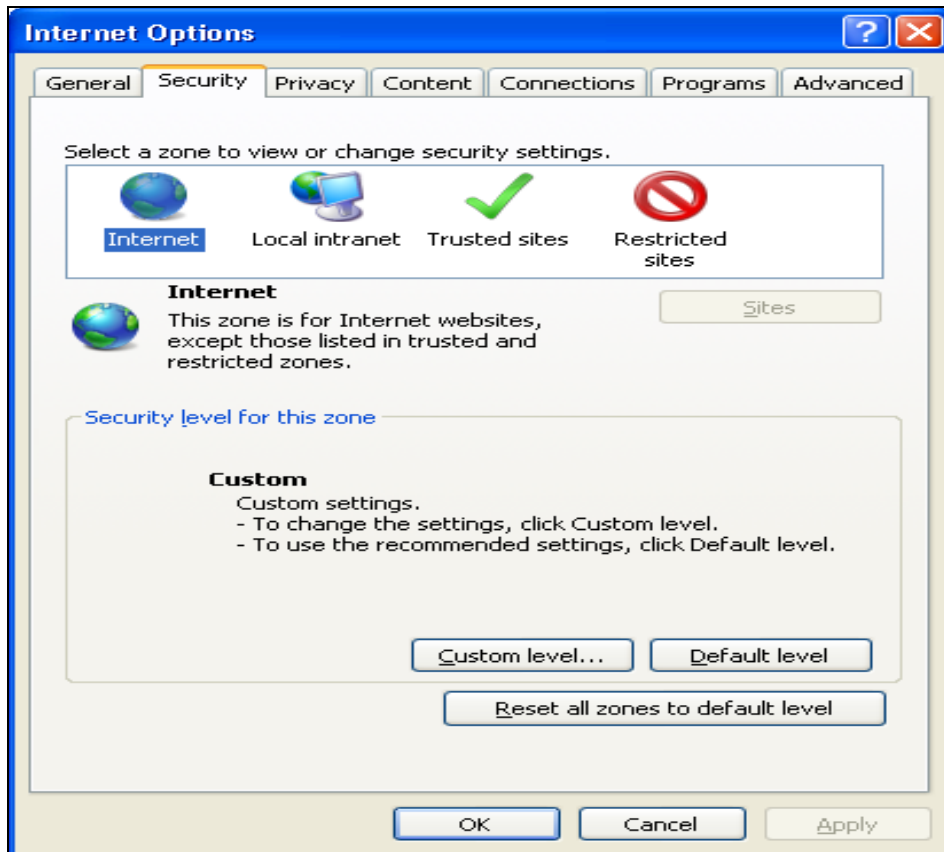
The screenshot shows the Oracle WebLogic Server Administration Console interface. The main content area displays the 'Settings for PCRADTool11' configuration page, specifically the 'Testing' tab. A table titled 'Deployment Tests' lists test configurations. The 'Test Point' for the 'default' test is highlighted with a red circle.

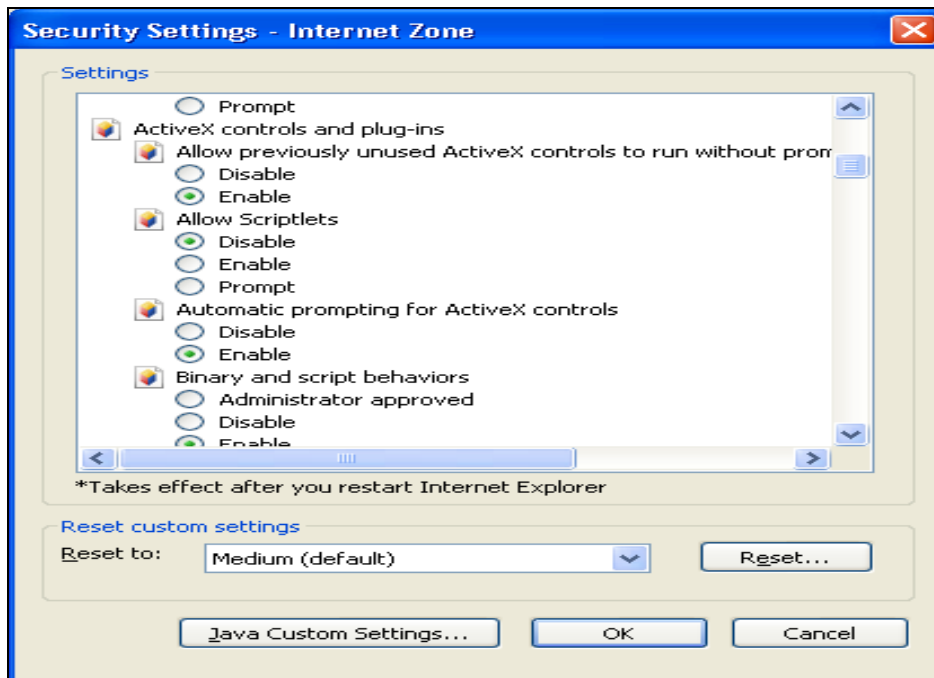
Name #v	Test Point	Comments
PCRADTool11		
default	http://33.384.74.104:9003/PCRADTool11	Default url on server ManagedServer_1
index.html	http://33.384.74.104:9003/PCRADTool11/index.html	Welcome file index.html on server ManagedServer_1

On the left sidebar, the 'Domain Structure' shows the hierarchy: base_domain > Environment > Deployments > PCRADTool11. The 'System Status' section at the bottom left indicates that 2 servers are in an 'OK' state.

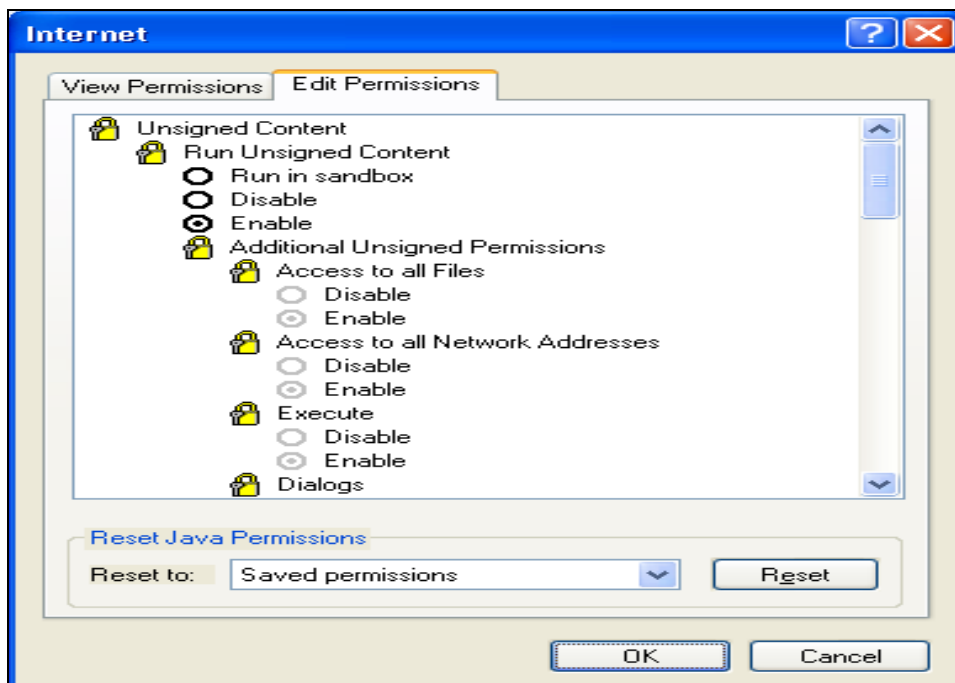
8. IE Settings

- Open Internet Explorer click on Tools → Internet Options → Security (Tab) → Internet → Custom Level





- Enable all the Options, select custom for Java Permissions
- Click on Java Custom Settings



- Select Edit Permissions Tab.
- Select Enable Option for Run Unsigned Content and Run Signed Content.
- Same Settings For Local Intranet



Click on Custom Level select Enable for all Options, for Java Permissions it should be custom.

9. Administration

9.1 User Roles

Open Development Tool has the below User Roles for controlling the access rights:

- System Administrator
- Release Administrator
- Developer

Users will be allowed to perform various tasks based on the “Role” assigned to the user. Users can have different Roles for different Releases. However, System Administrator Role is not at a Release Level and is only for Open Development Tool Administration.

9.1.1 System Administrator

This Role is only meant for the Open Development Team and Users with this Role will have full control over the system. Users with this Role only would be able to create New Releases in Open Development Tool.

Login Open Development tool with RADTOOL as user Name and RADTOOL as Password

9.1.2 Release Administrator

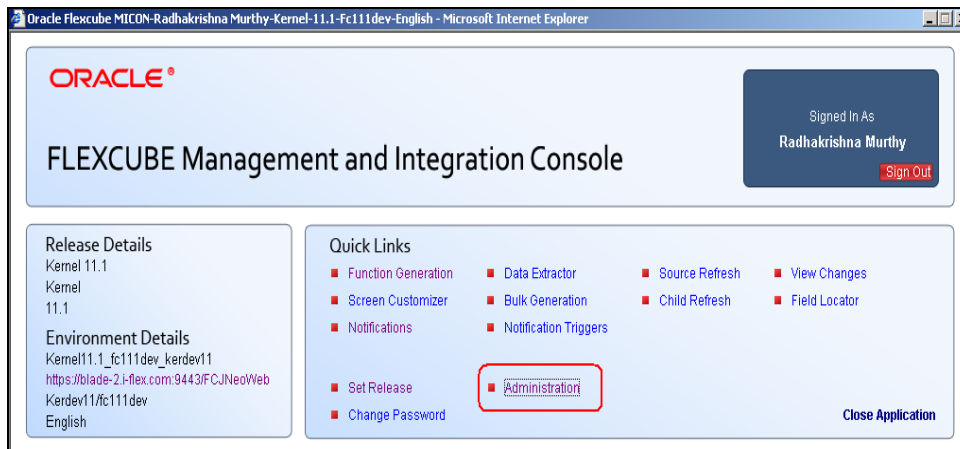
This Role is meant for Project Leaders and Team leaders and allows them to Release administration. Users with this role would be allowed to perform the below tasks

- Creation of Environment(s) for the Release
- Creation of users
- Provide access to the Release for required Users

9.1.3 Developer

This Role is for Developers and Users with role would be able to access the Function development related features of the Open Development tool.

User will also be able to Switch Between releases and Environments Using the “Set Release” Option.



9.2 Release Definition

Every Release needs to be maintained in Open Development Tool. Below details need to be maintained in Open Development Tool before starting any New Release

- Release Code : A unique Code which would identify the release E.g. FCUBSKERNEL11.1
- Release Description : Brief Description of the Release
- Release Type : Kernel/Cluster/Custom



Create the Release with Custom type for extensibility environment

- Release Number: Release Number e.g. .11.1
- A release can have multiple environments for various activities like Development, Unit Testing, and Support etc.
- Release Creation can only be done by Open Development Team and a request with the above details needs to be sent to the Open Development Team in the beginning of every Release. Open Development team would create a release and grants “Release Administrator” Role to the Requester. Release administrator then can provide access to this Particular release for the developers.
- Release administrator will be able to create Environment(s) for this Release. Release administrator can also create New Users if required and can provide them the access to this Release.

The screenshot shows a web browser window titled "Oracle Flexcube MICON- Admin Details- Admin-Default --English -- Webpage Dialog". The Oracle logo is in the top left. On the left is a navigation tree with folders: User, Environment, Release, Detail, and Summary. The main area is titled "Release Details" and contains the following fields:

- * Release Code:** FC_UBS_VUM_11.2.CU.0.0.0.0
- Release Description:** FC_UBS_VUM_11.2.CU.0.0.0.0 Test Customer Re
- Release Type:** Custom (dropdown menu)
- Release No:** 1
- Remarks:** Customer Test release base on 11.2
- Release SPC:** B Anandan

The Windows taskbar at the bottom shows the start button, several application icons, a search bar, and the time 4:06 PM.

Create the User and assign Release Admin role for a release that created

The screenshot displays the 'User Maintenance' interface within the Oracle Flexcube MICON Admin Details application. The left sidebar shows a navigation tree with 'User' selected, containing sub-items: 'Detail', 'Summary', 'Environment', and 'Release'. The main content area is titled 'User Maintenance' and includes an 'Upload From Excel' button. Below this, user details are shown: User ID 'ANANDAN', User Name 'B Anandan', Default Release '_V.UM_11.2.CU.0.0.0', Default Environment (empty), User Password (masked with dots), and User Status 'Enabled'. A table below lists the user's roles, with one entry: Release Code 'FC_UBS_V.UM_11.2.CU.0.0.0' and User Role 'Release Admin'. The Windows taskbar at the bottom shows the start button, taskbar icons, and a search bar, with the time 4:07 PM.

* Release Code	User Role
FC_UBS_V.UM_11.2.CU.0.0.0	Release Admin

9.3 Environment Creation

Open Development Tool requires at least one environment for each release and the below environment details need to be maintained in Open Development Tool for each environment

- Data Base Details
 - Instance Name
 - Port Number
 - Schema Name
 - Password
- Application Server Details
 - Target FLEXCUBE IS Application URL
 - Target FLEXCUBE IS JS Path
 - Target FLEXCUBE IS UIXML Path
- Server Password and user id in case the App server is on Unix

The screenshot shows the 'Oracle Flexcube MICON- Admin Details- Admin-Default--English -- Webpage Dialog' window. The 'Environment Master Details' tab is active, displaying a 'Save' button in the top right. The left sidebar contains a tree view with 'User', 'Environment', and 'Release' categories, each with 'Detail' and 'Summary' sub-items. The main area contains the following fields:

* Environment Code: I_11.2.CU.0.0.0_DEV		Environment Name: I_11.2.CU.0.0.0_DEV	
Release Code: _V.UM_11.2.CU.0.0.0.0		Language Code: ENG	
Database Instance: ORCLNEW	Database HostName: localhost	Database IP Address: localhost	Database Password:
Database Port: 1521			
Database Name: FCUBS112N			
JNDI Name: jdbcfjdevDS			
Application Name: FCUBS11.2	Application URL: com:7001/FCJNeoWeb		
Application IP Address: localhost	Application Operating System: Windows		
Application Transfer Type: File Copy			
JS Directory Path: 12\yv1aao\lwan\ScriptUS	UIXML Directory Path: 3112\yv1aao\lwan\UIXML		
Server Username:	Server Password:		
Server Filemanager URL:	Filemanager Username:		
Filemanager Password:			

9.3.1 User Definition

New users can be created by System Administrators and Release administrators.

- User Id
- Password
- Default Release
- Default Environment
- User Releases
 - Releases for which the user needs access should be given here
 - One user can have access to multiple Release with one of those Release as the default release
 - User Role for each of these Releases.

Oracle Flexcube MICON- Admin Details- Radhakrishna Murthy- Kernel-11.1-Fc111dev-English -- Web Page Dialog

ORACLE

User Maintenance

Upload From Excel

* User ID: RADHAKRISHNAM User Name: Radhakrishna Murthy

Default Release: FCUBSKERNEL11.1 Default Environment: KERNEL11.1_FC111D

User Password: User Status: Enabled

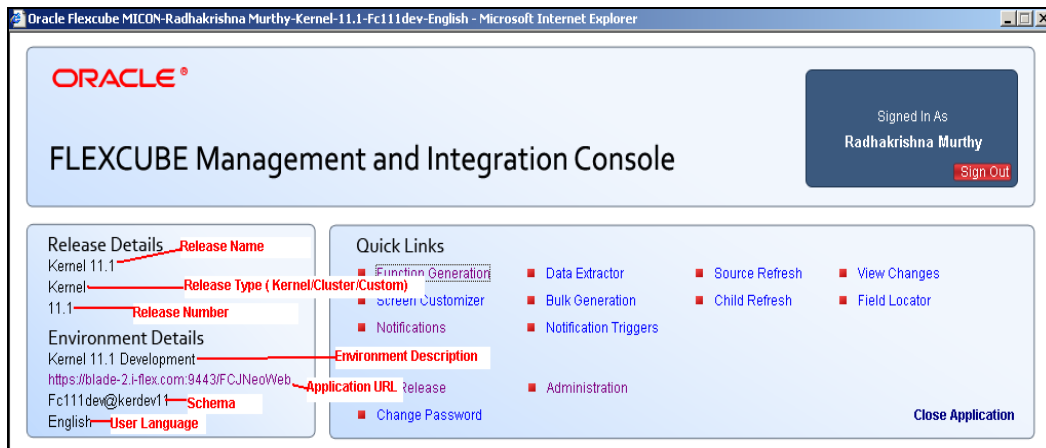
*Release Code	User Role
FCUBSKERNEL11.0_FCCDEV	Developer
FCUBSKERNEL11.0_TESTING	Developer
FCUBSKERNEL11.1	Release Admin

10. Developer Check List

As Open Development tool identifies the Release parameters and accordingly generates the output, it is important to ensure the correct release before using the Tool.

Open Development Tool also reads several tables from FLEXCUBE schema, Developers should ensure the correctness of the environment they are currently connected to.

The Landing page of Open Development Tool has both Release details and environment details as shown below





Installation and Setup Guide
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