

Practices for Lesson 1: Environment Set Up

Overview

Practice 0-1: Set Up WebLogic to Run Using NetBeans

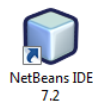
Overview

In this practice you set up WebLogic Server and deploy the example project using NetBeans. Using the deployed application you can review the structure of a NetBeans Java Web Project.

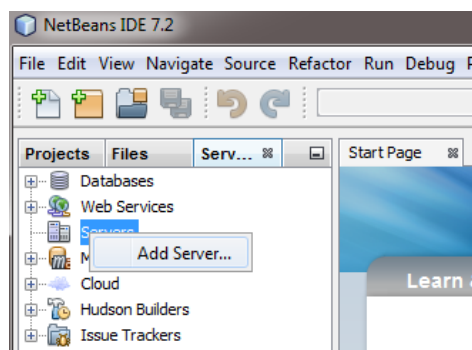
Assumptions

- WebLogic Server is already downloaded on the lab machines and is unzipped and configured at `d:\weblogic\wls`.
- There is a WebLogic domain created at `d:\weblogic\domain`.
- The username for the domain administration is: `weblogic`.
- The password for the domain administration is: `welcome1`.

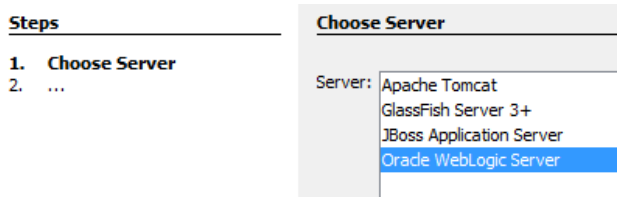
Practice Tasks



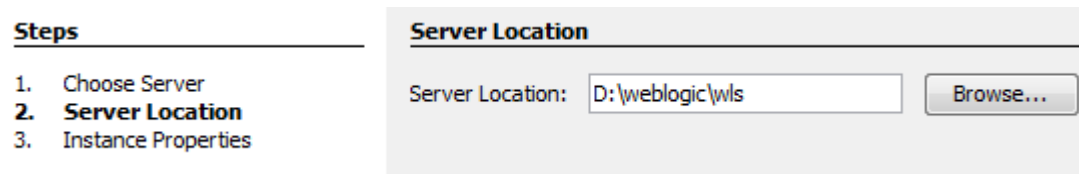
1. Open NetBeans IDE.
2. Click the Services tab, right-click the Servers node, and select Add Server.



3. From the Server list select: Oracle WebLogic Server and click Next.



4. Set the server location to `D:\weblogic\wls` click Next.



5. The domain should be set to `D:\weblogic\domain`. If it is not, set it.
6. Set `weblogic` as the username and `welcome1` as the password.

Steps

1. Choose Server
2. Server Location
3. **Instance Properties**

Instance Properties

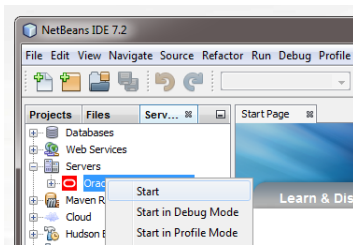
Domain:

To select an existing domain, select its name from the drop-down list. If the domain's name does not appear in the list, you can type the path to the domain directly.

Username:

Password:

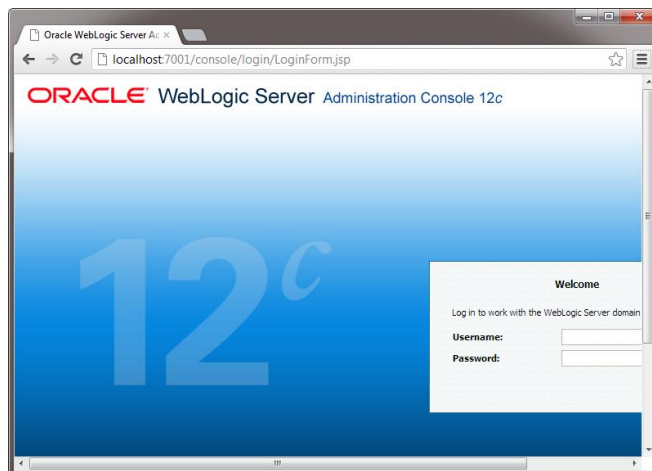
7. Click finish.
8. Run the server by right-clicking the Oracle WebLogic Server node under Services and click Start.



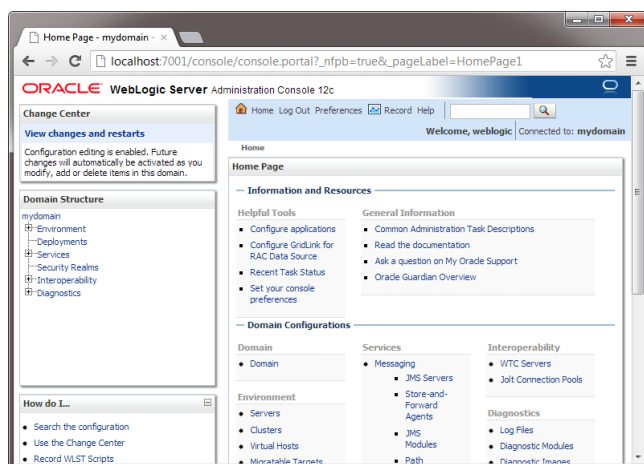
9. The server starts and its console is displayed in the Output view in NetBeans.

```
Output - Oracle WebLogic Server
<Oct 22, 2012 11:40:12 AM CDT> <Notice> <Server> <BEA-002613> <Channel "Default[2]" is now 1
<Oct 22, 2012 11:40:12 AM CDT> <Notice> <Server> <BEA-002613> <Channel "Default[1]" is now 1
<Oct 22, 2012 11:40:12 AM CDT> <Notice> <WebLogicServer> <BEA-000331> <Started the WebLogic
<Oct 22, 2012 11:40:12 AM CDT> <Warning> <Server> <BEA-002611> <The hostname "EMORANCH-IAP.s
<Oct 22, 2012 11:40:12 AM CDT> <Notice> <WebLogicServer> <BEA-000365> <Server state changed
<Oct 22, 2012 11:40:12 AM CDT> <Notice> <WebLogicServer> <BEA-000360> <The server started in
```

10. Open a browser and navigate to: <http://localhost:7001/console>. After waiting for the console application to load, you should see something like this:



11. Log in using the username `weblogic` and the password `welcome1`.



You should see the WebLogic Administration Console Home.

Practice 0-2: Deploy the Example Project

Overview

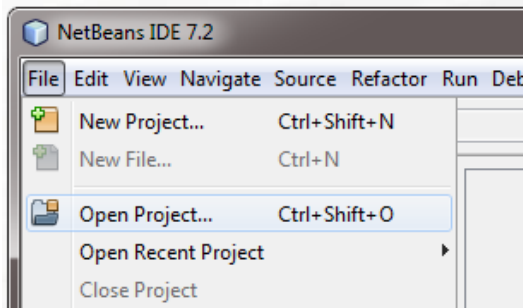
In this practice, you deploy an Example Project in WebLogic using NetBeans.

Assumptions

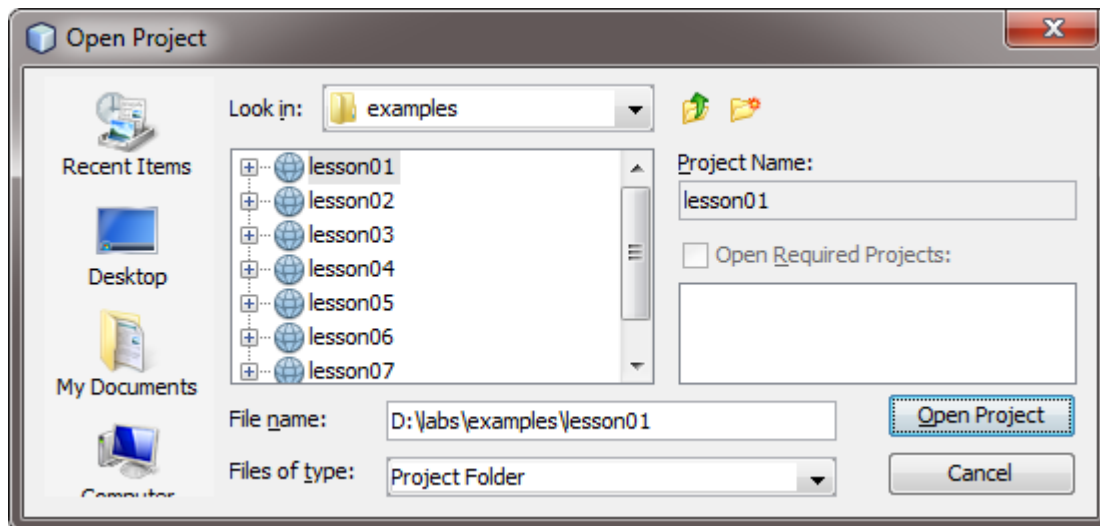
WebLogic is set to run using NetBeans

Practice Tasks

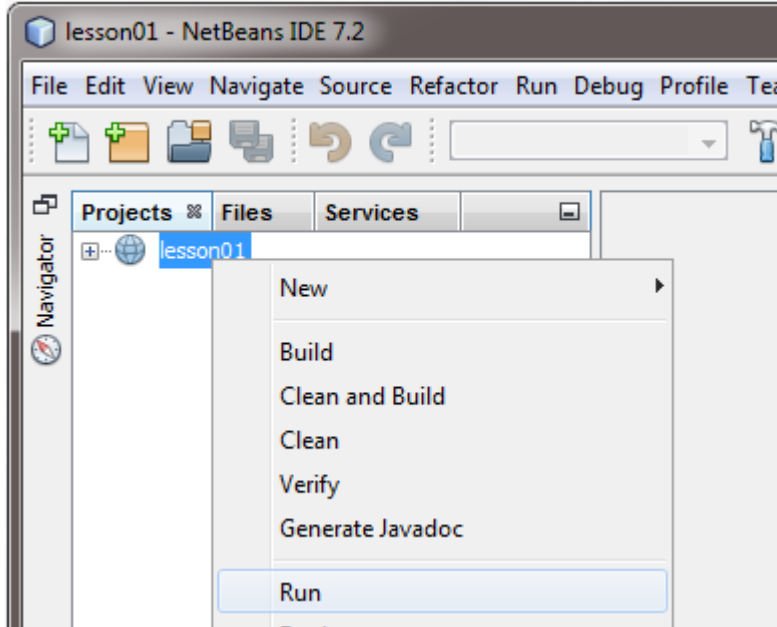
1. In NetBeans Click File → Open Project...



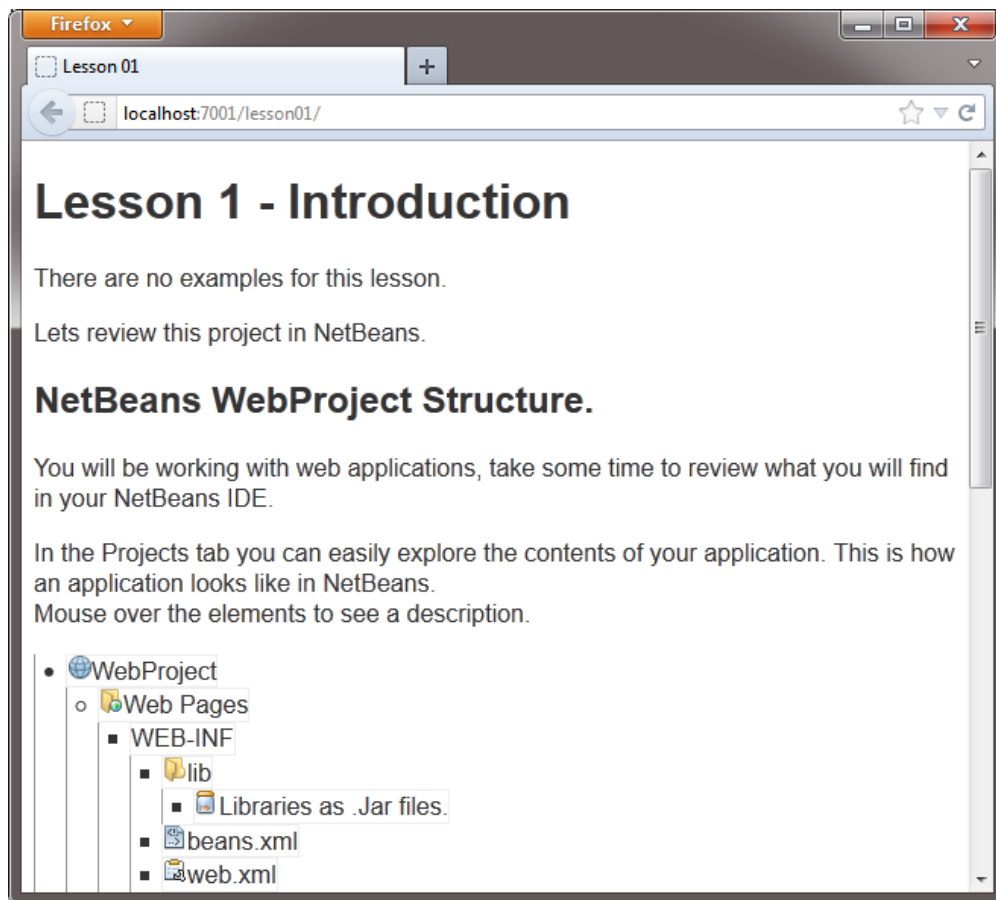
2. Go to D:\labs\examples and open the lesson01 project.



3. Right-click the `lesson01` project and select Run from the menu.



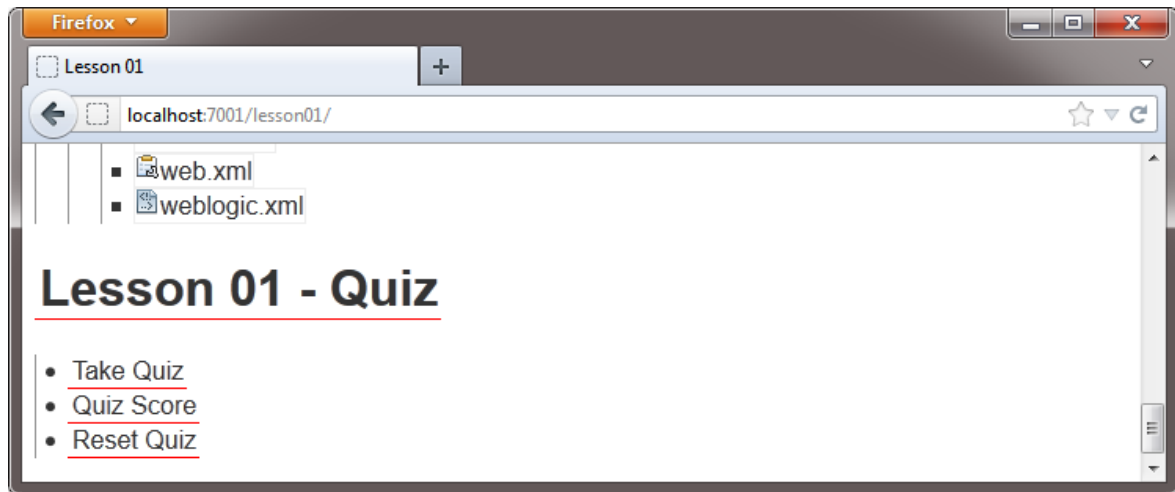
4. A browser opens at the URL: <http://localhost:7001/lesson01/>



Note: You may encounter an intranet warning asking you for confirmation to proceed, accept it. This is displayed because you are accessing a local url (localhost or your intranet's ip).

5. Explore the example contents in your NetBeans IDE and in your browser. It will help you review the structure of NetBeans Web Projects.

At the bottom of the webpage find the link to take a quiz for this lesson.



Additional Information

All lessons include examples that can be deployed in the same way you deployed the application in practice 1-2. If you want to review or test your knowledge of each lesson deploy its examples, review them and take the quiz at the end.

The `d:\labs\examples\` folder contains example projects that can be deployed in the same way you deployed this example project. Open the project in NetBeans, right-click it, and select Run from the menu to deploy and run each example.

Example applications run the demo source code from within themselves. They contain reference material and a quiz section for the lesson where you can test your knowledge.

Deploy these examples after you complete your practices for the lesson to enhance your learning experience.