
BEA WebLogic 9/10 Portal Development

5 days

This class gives a detailed exposure into how to develop Portal Web application using BEA WebLogic Portal. This course uses BEA Workshop for WebLogic Platform to rapidly design and build Portal Application that are good for both versions 9 and 10 platforms.

Topics

- Ability to Develop Enterprise Portals using BEA Workshop IDE
- Using NetUI explore building dynamic portlets
- Develop federated portals using Web Services and WSRP
- Using Content Management System (CMS) to publish and display information.
- Using Groupspace to develop professional Portals.

Practical work

This course explores Portal Development and the move within organizations to adopt a Portal Application Framework. This course will equip developers and programmers with a working knowledge of all the components of WebLogic Portal Development, using a hands-on experience and applying some of the most popular J2EE API's. This course covers an intensive hands-on exercises; these exercises take audience through all major aspects of the design and development of WebLogic Portal Applications.

What you will learn

After completing this course, the attendees should be able to:

- Setup your environment to accommodate the latest WebLogic Portal Toolkit
- Fully Understand the portlet programming model
- Develop portal site using WorkShop IDE
- Use WebLogic WorkShop to develop cooperative portlets.
- Develop portlets using AJAX.
- Produce and Consumer portlets using WSRP

Audience

Developers who will like to learn about how to build Portal website using WebLogic portal server.

Prerequisites

Java programming. Beginner level knowledge of J2EE and XML.

Course Content

- 1. Getting Started with WebLogic**
Business need associated with Enterprise Portal
Describe the Core features of WebLogic Portal
Install the WebLogic Platform
- 2. Portal and Workshop Fundamentals**
Portal WorkShop Fundamentals
Portal Controls
- 3. Portal Design, Development and Administration**
Create a Portal Desktop
Use Portal Books and Pages
Define a Portlet
- 4. Portal Look and Feel**
Administration of Skeleton, Shells and Layout.
Administration of Skins and Themes
- 5. NetUI Administration and Development**
Administration of page flow portlet
Data Validation
Dynamic Data management
Exception Handling
Internationalization
- 6. Advanced Portal Development**
Portlet Preferences.

Inter-portal Communication
Portal Synchronization
Administering Application within a Portal
WebLogic domain and database support BEA for WebLogic Portal applications

7. **Federated Portal Development**
 - Benefits of WSRP
 - Expose Portal Resources
 - Consume Remote Portal Resources
 - Customization and Administration
8. **Portal Content Management Development**
 - Add, Manage and Edit Content in a Content Repository
 - Portal data manipulation from staging to production environments
 - Access a Content
 - Manage a Content
 - Administer a Content
 - Add third party Content
9. **Advanced Portal Development**
 - Describe a Portal Application deployment and administration lifecycle
 - Portal Resources security
 - Create and Manage Portal Desktop
 - Manage roles and entitlements
 - Customize desktops with the Visitor Tools
10. **GroupSpace Administration and Development**
 - List the Components and capabilities of communities
 - Manage Community invitations and roles
 - Rapidly create collaborative applications with GroupSpace
 - Propagating and delegating portal administrative capabilities
 - Configure and tune a content repository
 - Index and search content and other information using autonomy