



Overview

This course focuses on the flexibility afforded by using BEA WebLogic Server 9.0 and its implementation of the J2EE specification during Web-based application development. You will learn the core features of the presentation components (servlets and JavaServer Pages) and service technologies (naming services, distributed transactions, and multi-tier database access) as they map to the widely used Model-View- Controller (MVC) application architecture. This course also covers the deployment of Web applications, using XML-based configuration files and the BEA WebLogic Server Administration Console. Additionally, you are introduced to the concepts of design patterns and how they are used in the MVC design architecture. You will get a brief introduction into the motivation and client-side use of EJB. Please note that complete EJB development and deployment will be covered in the follow-on course: BEA WebLogic Server 9.0: J2EE Programming with EJBs.

Skills you will learn

- Rapidly develop and deploy enterprise applications
- Build J2EE-based applications
- Test and debug applications in BEA WebLogic Server 9.0
- Secure enterprise applications to protect against unauthorized access

Topics Covered

- BEA WebLogic Server 9.0 implementation of J2EE
- J2EE Web application development
- J2EE design patterns
- Model-View-Controller design architecture
- Basics of installation of BEA WebLogic Server 9.0
- Syntax, configuration and motivation behind:
 - Servlets v2.4
 - JSP v2.0
 - JNDI
 - JDBC
 - JTA Web applications

- Enterprise applications
- Client-side use of EJB

Prerequisites

- Object-oriented programming in Java

Course Length

5 Days

Course Format

Lecture with computer based labs