

JB163 JBoss Portal

Course Summary

Description

This course focuses on web tier technologies in the JBoss Enterprise Middleware System (JEMS) product stack. The course covers details on JBoss Portal, how to create and deploy portlets, integrating portlets with other web tier frameworks such as JavaServer Faces (JSF) and configuring and tuning the Tomcat web container embedded in JBoss Application Server. Familiarity with JSP and Servlet development and related specification is heavily recommended. No previous experience with Portlets or JSF is required. This course is required training for individuals who wish to become Certified JBoss Web Developers (the certification level for the Web Tier track). Students must attend the course to be eligible to take the online certification exam.

Topics

- JEMS Web Tier Architecture Overview
- Installing and Configuring JBoss Portal
- Portlet Overview
- Portlet Programming Model
- Portlet Interaction with Servlets and JSP
- User and Group Management
- Personalization
- Localization and Security
- Java Server Faces for Application Developers
- Advanced Servlet and JSP
- Tomcat Architecture
- Tomcat Connectors
- JEMS Web Tier Clustering

Prerequisites

Students should have basic J2EE Web Container (Servlet/JSP) programming skills and some experience with J2EE Web-based and multi-tier application deployments on the JBoss Application Server in conjunction with the Tomcat container (whether embedded with Apache or integrated with the JBoss Application server). The student should have development experience with the following technologies:

- JNDI
- The Servlet 2.3/2.4 API
- The JSP 2.0 API
- J2EE Application and development and deployment on the JBoss Application Server
- Deployment of a Web Application on embedded (stand alone) Tomcat or on integrated Tomcat (JBossWeb)

A working knowledge of JDBC and EJB2.1 or EJB3.0 is helpful but not required.

Duration

Three days

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