



Red Hat® JBoss Enterprise Application Development I (JB225)

Learn to create and maintain Java EE-compliant applications from start to finish.

In this course, you will be introduced to Java EE frameworks, specifications, and application programming interfaces (APIs) for JBoss Enterprise Application Platform 6 (EAP6). You will learn how to create, test, and maintain Java EE-compliant applications from start to finish using the Eclipse-based JBoss Developer Studio. Through hands-on labs and use cases, you will gain a better understanding of enterprise application development using JBoss Enterprise Application Platform 6, Weld, Arquillian, JBoss Hibernate, RESTEasy, HornetQ, and other related technologies to create a fully functional enterprise Java application.

Note: JB225 replaces JB295 and is meant for mid-level Java developers.

What You'll Learn

- Build robust enterprise applications using JBoss middleware
- Build secure enterprise applications
- Integrate applications with back-end enterprise information and messaging systems
- Test with Arquillian
- Use Contexts and Dependency Injection (CDI) for seamless multilayer applications
- Administration tasks for developers
- JBoss Developer Studio tools

Who Needs to Attend

- Anyone with Java programming experience who wants to enter Java EE development
- Experienced Java EE developers who are migrating to JBoss for the first time

Prerequisites

- Fluency in the Java programming language (Java SE 5 or 6), particularly annotations and object-oriented design
- Ability to read HTML and XML
- Basic experience with an integrated development environment (IDE) like Eclipse
- Basic knowledge of Asynchronous JavaScript + XML (Ajax) and Relational Database Management Systems (RDBMSs) is recommended

Follow-On Courses

- [Red Hat® JBoss Enterprise Application Development II \(JB325\)](#)

Course Outline

1. Developer Administration Tasks for JBoss Enterprise Application Platform 6

- Administration Interfaces
- Deployment Models

2. JBoss Developer Studio

- Tools to Control Servers and Manage Projects

3. Contexts and Dependency Injection

- Build CDI-Enabled Applications

4. Testing

- Test Applications Using JUnit and Arquillian

5. Session Beans

- Implement Business Logic Using EJB

6. Messaging

- Use JBoss Enterprise Application Platform Implementations for JAX-WS Support with RESTEasy, Simple Object Access Protocol (SOAP), and Message-Driven Beans

7. Persistence

- Support Applications with JPA and Hibernate to Persist Data

8. Web-based UI

- Create a Rich Web UI Using JSF 2 and RichFaces

9. Security

- Secure Applications Using JBoss Enterprise Application Platform 6 and Application Security

10. Packaging and Deployment

- Deployment Options for Application Packages Built with JBoss Developer Studio

Further Information:

For More information, or to book your course, please Call/Email us on : - +254 713 027 191

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