4 Days

Red Hat JBoss Enterprise Application Development II

This hands-on, lab-based course challenges participants by providing a deep dive into Java EE APIs and emerging JBoss development technologies. Participants will use JBoss EAP, Red Hat JBoss Developer Studio, and Maven to build and deploy scalable applications that perform well and use advanced features with advanced development techniques. Newer technologies such as Arquillian for testing, Errai for Google Web Toolkit (GWT) web development, and RESTeasy for web services are covered.

Course Details

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Course Outline

Reviewing Java Enterprise Edition Learn about the latest Java EE specifications and APIs. Understanding Maven—the JBoss Way Understand Red Hat JBoss Middleware stack and tools, including Maven. Developing advanced web applications Use advanced features and techniques in web applications including Ajax and GWT. Class loading in Red Hat JBoss Enterprise Application Platform 6 Understand and configure module dependencies in the latest version of JBoss EAP. Using advanced Enterprise JavaBeans (EJB) Use advanced Enterprise JavaBeans features such as bean-managed transactions and asynchronous EJB. Creating web services Create JAX-WS and JAX-RS services with optional security. Developing efficient messaging clients Construct message clients that perform well. Securing Java EE applications Provide custom authentication and granular authorization for Java EE applications. Performance tuning Java EE applications Understand the techniques for performance tuning a Java EE application. Internationalization Develop applications that can present their user interface, messages, and data using local languages and formatting.

Who Should Attend

Java developers with at least two years of Java™ EE 6 experience and two years of general Java EE development Java EE architects who wish to understand how to use advanced features of JBoss EAP and JBoss development tools

Pre Requisite

Experience with Java SE programming and Java EE web and services development Red Hat JBoss Enterprise Application Administration I (JB225) or equivalent Java EE 6 API experience At least two years of Java™ EE 6 experience and two years of general Java EE development

Exams

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Date - Jun 13, 2025