JBOSS ENTERPRISE APPLICATION DEVELOPMENT

CREATE, TEST, AND MAINTAIN JAVA EE-COMPLIANT APPLICATIONS FROM START TO FINISH.

COURSE OVERVIEW

Intended for mid-level Java developers, JBoss® Enterprise Application Development (JB225) introduces you to Java EE 6 frameworks, specifications, and application programming interfaces (APIs).

Create, test, maintain Java EE-compliant applications

Learn how to create, test, and maintain Java EE-compliant applications from start to finish using the Eclipse-based JBoss Developer Studio.

Create a fully functional enterprise Java application

Comprehensive lectures and extensive use-case, hands-on labs introduce you to enterprise application development using:

- JBoss Enterprise Application Platform 6
- CDI
- Arquillian
- JBoss Hibernate®
- RESTEasy
- HornetQ
- Other related technologies that help create a fully functional enterprise Java application

Build a complete, multi-tier enterprise application

Learn how to build a complete, multi-tier enterprise application featuring a JavaServer Faces (JSF) 2 web-based front end, a Java API for Restful Web Services (JAX-RS) layer, an Enterprise JavaBeans (EJB) layer, and a Java Persistence API (JPA) persistence layer. All development leverages best-practice design, coding, and testing techniques.

AUDIENCE

- Students with Java programming experience who want to enter Enterprise Java development

FORMAT	LENGTH	PRICE*
Classroom JB225	4 days	$2,700 or 9 training units
Virtual classroom JB225VT	5 days	$2,700 or 9 training units
Team on-sites	Contact a training specialist for a quote at 866-626-2994	

* Price subject to change

- Experienced Enterprise Java developers who are migrating to JBoss for the first time
- Experienced Enterprise Java developers who want to upgrade their skill set using Java EE 6 and the latest JBoss Enterprise Application Platform and JBoss Developer Studio

PREREQUISITES

- Fluency in the Java programming language (Java SE 5 or 6), particularly annotations and object-oriented design
- Ability to read HTML and XML documents
- 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 but not required

COURSE DETAILS

Developer administration tasks for JBoss Enterprise Application Platform 6

Use the new JBoss Enterprise Application Platform 6 administration interfaces and deployment models.

Introduction to JBoss Developer Studio

Leverage JBoss Developer Studio tools to control servers and manage projects.

Contexts and dependency injection

Build CDI-enabled applications.

Testing

Test applications using JUnit and Arquillian.

Session beans

Implement business logic using EJB.

Web services

Use JBoss Enterprise Application Platform implementations for JAX-WS support with RESTEasy and Simple Object Access Protocol (SOAP) to build web services.

Messaging

Use HornetQ to add asynchronous messaging to enterprise components and develop message-driven beans.

Persistence

Persist data with JPA and Hibernate.

Web-based UI

Create a rich web UI using JSF 2 and RichFaces.

Security

Secure applications using JBoss Enterprise Application Platform 6 and application security.

Packaging and deployment

Understand deployment options for application packages built with JBoss Developer Studio for a variety of middleware servers.

WAYS TO TRAIN

Classroom training

Red Hat offers a robust six-month schedule of classroom training in more than 40 locations across North America. That convenience, combined with our high-quality classroom experience and instructor expertise, helps ensure companies and individuals will achieve their training goals.

Virtual classroom training

The flexibility of our virtual training courses allows IT professionals to experience the same industry-recognized classroom training while maintaining a partial work schedule and achieving cost savings objectives. This is live, instructor-led training, taken from your office or home.

On-site team training

Training teams together is a proven way for IT staff to maximize the performance, savings, and management of Red Hat® solutions. Available for the entire curriculum, on-site training also provides the option of customizing the course content to meet your specific training requirements. Whether at your offices, our training venues, or hosted in a virtual environment, on-site training solutions offer flexibility and cost-effective training options.

ABOUT RED HAT TRAINING

Red Hat Training delivers more than 30 Red Hat Enterprise Linux® and JBoss Enterprise Middleware courses and exams. Our award-winning courses are taught by certified instructors and include hands-on labs and performance-based testing. This means your team acquires real-world skills that IT professionals need to manage successful open source infrastructures.

JBOSS SALES AND INQUIRIES

NORTH AMERICA
1-866-626-2994
www.redhat.com/training
training_sales@redhat.com

EUROPE, MIDDLE EAST AND AFRICA
00800 7334 2835
europe.redhat.com/jboss
europe@redhat.com

ASIA PACIFIC
+65 6490 4200
apac.redhat.com/jboss
apac@redhat.com

LATIN AMERICA
+54 11 4329 7300
latam.redhat.com/jboss
info-latam@redhat.com

Copyright © 2012 Red Hat, Inc. Red Hat, Red Hat Enterprise Linux, the Shadowman logo, and JBoss are trademarks of Red Hat, Inc., registered in the U.S. and other countries. Linux® is the registered trademark of Linus Torvalds in the U.S. and other countries.

www.redhat.com/training
#9740177_0712
JB225