

JBoss SEAM APPLICATION DEVELOPMENT

USING SEAM TO INTEGRATE AND MANAGE INCREASINGLY COMPLEX IT SYSTEMS

VALUE OF TRAINING

Your team is your most valuable asset. By investing in the expertise of your staff, you can ensure optimal system performance, enhance productivity, and mitigate risk. When you include hands-on training from Red Hat as part of your deployment and maintenance strategy, you can maximize the value of your Red Hat technology investment and reach new productivity heights.

COURSE DESCRIPTION

The JBoss® Seam Application Development (JB311) course teaches experienced Java developers how to efficiently use Seam to intelligently tie components together and manage increasingly complex IT systems. The course focuses on the core of the JBoss Seam technology: rapid application development, an industry-standard UI, Java Persistence API (JPA) integration, end-to-end security, and integrated tooling in JBoss Developer Studio. Using clear, interactive lectures and hands-on labs, this course also introduces Seam integration points for rules engines and business process management in addition to covering the new JSR-299 CDI standard, a feature of Java EE 6.

AUDIENCE

- Enterprise systems architects
- Experienced enterprise Java developers
- Technical managers
- Developers who already have JSF and basic Seam knowledge

PREREQUISITES

- Experience with Java Platform, Enterprise Edition (JavaEE) or Java 2 Platform, Enterprise Edition (J2EE)
- A high-level understanding of enterprise and modern web application development
- Completion of Advanced JBoss Enterprise Development (JB295) course or equivalent experience

FORMAT	LENGTH	PRICE*
Classroom with exam JB312	5 days	\$3,200 11 training units
Classroom JB311	4 days	\$3,000 10 training units
Virtual JB311VT	5 days	\$3,000 10 Training Units
JBCD-Seam Exam EX311	4 hours	\$400 2 training units
Team on-sites	Contact a training specialist for a quote at 866-626-2994	

* Price subject to change

COURSE DETAILS

JBoss Seam application development overview

Understand the software used during class and complete basic classroom setup.

10,000-foot view of Seam

A high-level overview of what Seam is and its various parts and why it exists, providing an opportunity for students to get hands-on learning quickly. There is additional information for students coming from other frameworks to help them more quickly understand Seam.

Laying the Seam application foundation

Understand the setup and creation of a Seam project through a detailed look at seam-gen and Seam tools utilities.

Building Seam application functionality

Understand the Seam runtime, components, contexts, and bi-jection.

Design UI and navigation

Understand how JSF works under Seam and how to use RichFaces components to create a rich UI. Also learn how to create application flow and navigation with Seam.





Manage persistence with JPA

Understand how Seam uses JPA and Hibernate to manage persistence and database connectivity.

Security and validation in a Seam application

Secure and validate Seam applications using Seam's built-in frameworks, which also can be leveraged to handle application exceptions and events.

Manage and test a Seam application

Understand how to write TestNG tests to validate the operation of a Seam application. Learn how to manage Seam application deployments.

Internationalizing a Seam application

Understand how internationalization is achieved in a Seam application and what the key configuration files are.

Seam as a standard: CDI/JSR-299, Weld, and Seam 3

Preview this introduction to the technologies that have evolved from Seam, including CDI (a core part of JEE 6), Weld, and Seam 3—all key aspects of upcoming JBoss versions.

WAYS TO TRAIN

Whether you need to train a team of IT professionals, or just yourself, Red Hat offers a variety of learning styles, delivery methods, certifications, savings programs, and customized solutions to maximize return on your Red Hat Enterprise investment.

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 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, onsite 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, onsite training solutions offer flexibility and cost-effective training options.

READY TO TRAIN?

Contact a training specialist

Red Hat training is a critical strategy that helps companies realize the full potential of their IT teams and Red Hat enterprise technology. Contact a member of our sales team or a Red Hat training specialist for assistance designing a training path that is right for your needs.

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