



Course Description

Blended Application Development with the Spring IoC Container

Course Details:

Course ID: WLS-D208-91
Format: Instructor-led Training
Length: 3 days
Product: BEA WebLogic Platform™
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How to Enroll:

Americas:
Web: <http://education.bea.com>
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After taking the **Blended Application Development with the Spring IoC Container** course, students will have the skills to:

- Develop Web applications using the Spring Web MVC (Model-View-Controller) framework
- Integrate Spring with Struts and JSF-based applications
- Persist data using Spring

Course highlights

This course teaches students how to develop enterprise applications using Spring, a popular open-source, “lightweight” application framework. Spring’s Inversion of Control (IoC) and POJO (plain old Java objects) programming model allows developers to design, build, and test highly dynamic, flexible, and maintainable applications.

Who should attend this course

- J2EE developers

Prerequisites

- Students should have experience in J2EE (Servlets and JSP) programming.

BEA courseware that fulfills the prerequisites

- BEA WebLogic Server 9.0: J2EE Programming with Servlets and JSPs in Eclipse (WLS-D12-90)
- BEA WebLogic Server 9.1: Fundamentals of Eclipse and WLS Application Development (WLS-D102-91)

Recommended knowledge

- Basic knowledge of Java programming language
- Familiarity with an Integrated Development Environment (IDE)

BEA courseware that provides the recommended knowledge

- Fundamentals of Java using Eclipse (JAVA-D11-50)

Skills you will learn

- Describe the Spring architecture
- Identify the lifecycle of a Spring bean
- Describe the role of Aspect-Oriented Programming (AOP) in Spring
- Develop Web applications using Spring Web MVC
- Perform object-relational mapping in Spring
- Integrate Spring with Struts and JSF applications

Topics covered

- Spring fundamentals
- Fundamentals of the Spring container
- AOP in Spring
- The development of Web applications with Spring
- Persistence techniques
- The integration of Spring with Struts and JSF
- Enterprise Application programming with Spring

Additional courseware of interest

- BEA WebLogic Server 9.1: Fundamentals of Eclipse and BEA WebLogic Server Application Development (WLS-D102-91)
- Blended Application Development with Apache Struts (WLS-D201-91)
- Blended Application Development with Hibernate (WLS-D212-91)

Additional courseware of interest

- Blended Application Development with Java Server Faces (WLS-D202-91)

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