



Course Description

BEA WebLogic Server® 9.1: Developing Enterprise Web Services

Course Details:

Course ID: WLS-D210-91
Format: Instructor-led Training
Length: 4 days
Product: BEA WebLogic Platform™
9.1

How to Enroll:

Americas:
Web: <http://education.bea.com>
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After taking the **BEA WebLogic Server® 9.1: Developing Enterprise Web Services** course, students will have the skills to:

- Develop and test Web services for BEA WebLogic Server (WLS) using Eclipse
- Develop synchronous, asynchronous, reliable, secure and conversational Web services
- Apply best practices to Web service logic and interface design (tiered model, controls)

Course highlights

This course introduces students to Web services development for BEA WebLogic Server (WLS) using the Eclipse development platform. Students will develop, deploy and test Web services. Students will also develop Web service clients and JUnit tests.

Who should attend this course

Java developers who want to develop Web services and Web service clients for WLS using the Eclipse Platform.

Prerequisites

Fundamentals of Eclipse and BEA WebLogic Server Application Development course or equivalent experience.

BEA courseware that fulfills the prerequisites

- BEA WebLogic Server 9.1: Fundamentals of Eclipse and BEA WebLogic Server Application Development (WLS-D102-91)



Recommended knowledge

- Some experience developing object-oriented Java applications with Java 5
- Basic understanding of XML
- Basic understanding of Web applications
- Some experience using Ant

Skills you will learn

- Understand Web Services technologies (XML, XSD, WSDL, SOAP, JSR 181)
- Develop and test Web services for BEA WebLogic Server using Eclipse and JUnit
- Develop synchronous and asynchronous Web services
- Develop secure, conversational, and reliable Web services
- Add handlers to Web services
- Create and throw Simple Object Access Protocol (SOAP) faults from a Web service
- Develop Web services that employ SOAP attachments
- Apply best practices to Web service logic design (tiered model, controls)
- Apply best practices to Web service interface design (XML schemas, XML Beans, validation, and transformation)

Topics covered

- JSR-181: Web Services Metadata for the Java™ Platform
- Web service annotations
- Synchronous/Asynchronous Web services
- Web service consumers
- Beehive controls
- SOAP faults
- Reliable Web services
- Conversational Web services
- Transactional Web services
- Secure Web services

Additional courseware of interest

- BEA AquaLogic Service Bus 2.1: Integrating and Managing Services for SOA (ALSB-R11-21)
- BEA WebLogic Server 9.1: Fundamentals of Eclipse and BEA WebLogic Server Application Development (WLS-D102-91)
- BEA WebLogic Server 9.1: Advanced Security (WLS-A67-91)
- BEA WebLogic Server 9.1: Advanced Messaging (WLS-A66-91)

About BEA Education Services

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About BEA

BEA Systems, Inc. (Nasdaq: BEAS) is a world leader in enterprise infrastructure software, helping enable companies to improve business responsiveness through Service-Oriented Architecture (SOA), a software design approach that more closely aligns IT with business objectives. With 15,000 customers worldwide including the majority of the Fortune Global 500, BEA and its WebLogic® and Tuxedo® brands are among the most trusted names in business technology. Headquartered in San Jose, Calif., BEA has 77 offices in 37 countries. More information on BEA products and services is available at www.bea.com.

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