



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™
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How to Enroll:

Americas:
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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
- 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

BEA courseware that provides this recommended knowledge

- Fundamentals of Java using Eclipse (JAVA-D11-50)
- XML Fundamentals (XML-D104-XX)

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)

Additional courseware of interest

- 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

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