



Advanced Java: Enterprise Java Beans

Length: Three days

Level: Advanced

DESCRIPTION

Enterprise JavaBeans (EJB) is a server-side component architecture that simplifies the process of building enterprise-class distributed component applications in Java. By using EJB, you can write scalable, reliable, and secure applications without writing your own complex distributed component framework.

This course provides a solid foundation in EJB concepts, methodology, and development. It contains a number of advanced EJB topics, giving you a practical and real-world understanding of the subject.

OBJECTIVES

Upon completion of the course, participants will be able to:

- Develop distributed applications using reusable enterprise components
 - Integrate Web interaction with EJB using JSP, Servlets, and Applets
 - Implement business logic using stateless and stateful session beans
 - Implement container-managed and bean-managed persistence using entity beans
 - Implement asynchronous processes using message-driven beans and JMS
 - Manage transactions with JTA / JTS
 - Configure and test EJB security options
 - Deploy enterprise beans
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TOPICS

- JSP, Servlets, Applets, and EJB
 - The EJB Model
 - Communication
 - Entity Beans
 - Session Beans
 - Message-Driven Beans
 - Transaction Management with JTA / JTS
 - Security
 - Deployment
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AUDIENCE

- Software Developers
 - Software Architects
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PREREQUISITES

- Good understanding of Java fundamentals
- Some Java programming experience