



Advanced Java: Web Applications with JSP and Servlets

Length: Three days

Level: Advanced

DESCRIPTION

Java has gained wide acceptance for the development and deployment of Web applications. This course provides valuable hands-on experience in using Servlets, Java Server Pages (JSP) and XML-based technology to create dynamic Web applications, and using portable Java APIs to access server-side resources.

OBJECTIVES

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

- Use Java servlets and Java Server Pages (JSP) to generate a dynamic Web interface
 - Apply server-side Java technologies to implement data-based Web applications
 - Add cookies and sessions to personalize content for specific users
 - Minimize scripting with the use of JSP custom tags
 - Use XML-based technology to generate HTML
 - Deploy Web Applications
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TOPICS

- JSP and Servlets
 - Model-View-Controller (MVC) Architecture
 - Servlet Lifecycle
 - JSP Lifecycle
 - Persistence with JDBC
 - Interactive Forms
 - Animation and graphics
 - Cookies and Sessions
 - JSP and JavaBeans
 - Custom Tags
 - XML-based technology for the Web
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AUDIENCE

- Software Developers
 - Software Architects
 - Web Administrators
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PREREQUISITES

- Good understanding of Java fundamentals
- Some Java programming experience