

Instructor Notes:



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Course Goals and Non Goals



Course Goals

- Understand the role of Java Servlets in the overall Java Enterprise Edition architecture
- Develop interactive web applications using HTML forms and Servlet 3.0 API
- Manage complex conversations with HTTP clients using session attributes
- Develop web applications that support File upload
- Implement filters

Course Non Goals

- Developing distributed web application or Enterprise Application
- Implementing SSL (Secured Socket Layer)

Instructor Notes:

Pre-requisites



Java with JDBC
HTML/DHTML
Javascript
XML
DBMS/SQL

Instructor Notes:

Intended Audience

Web Authors
Web Developers



Instructor Notes:

Software requirement



JDK 8.x
WildFly 8.x
Servlets 3.x API
Eclipse 4.4.x (Luna)
Oracle JDBC 4.0 connector library
Oracle Client 10g and above

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Day Wise Schedule



Day 1

- Lesson 1: Java Web Applications
- Lesson 2: Working with WildFly 8.x
- Lesson 3: Introduction to Servlets API 3.0 and Ease of Development through Annotations
- Lesson 4: The Request object
- Lesson 5 : Writing Java Server Page

Day 2

- Lesson 6 : JSP Scripting Elements
- Lesson 7 : JSP Directives
- Lesson 8 : JSP Action
- Lesson 9 : JSP Standard Tag Library (JSTL)
- Lesson 10: Session Tracking

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References

Books

- Java EE 6 Server Programming for Professionals
- Head First Servlets and JSP

Websites:

- <http://docs.coreservlets.com/servlet-3.0-api/>
- <http://pdf.coreservlets.com/>

