Servlets 3.0 AND JSP 2.2

Lesson 00: (Java EE 7)

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)

Pre-requisites

Java with JDBC
HTML/DHTML
Javascript
XML
DBMS/SQL

Intended Audience

Web Authors
Web Developers

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

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

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/