

Java Server Pages 2.2

Lesson 00

People matter, results count.
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Document History

Date	Course Version No.	Software Version No.	Developer / SME	Change Record Remarks
Nov – 2009	2.0	2.1	Habib & Mahima	Revamped from JSP 2.0 to JSP 2.1
23-Nov-2009			CLS Team	Review
Feb – 2010	2.1	2.1	Mahima	Refined based on the feedback received from faculties
May – 2011	2.2	2.1	iLearn	Refinement.
July --- 2013	2.3	2.1	Mohan Chinnaiah	Refinement.
Feb--2015	2.4	2.2	Anjulata	Revamped from JSP2.1 to JSP2.2
May-2016	2.6	2.2	Anjulata	Revamped the course for 2 days

Course Goals and Non Goals

- **Course Goals**

- Developing dynamic web pages
- Developing web based applications
- Integrating Servlets, JSPs & Java Beans

- **Course Non Goals**

- Developing distributed Web based applications/Enterprise application

Pre-requisites

- Java
- DBMS/SQL
- HTML
- Javascript
- XML
- Servlet

Intended Audience

- Web Application Authors
- Web Application Developers/Programmers



Day Wise Schedule

■ Day 1

- Lesson 1 : Introduction to JSP 2.2
- Lesson 2 : Writing Java Server Page
- Lesson 3 : JSP Scripting Elements
- Lesson 4 : JSP Directives

■ Day 2

- Lesson 5 : JSP Action
- Lesson 6 : JSP Configuration in web.xml
- Lesson 7 : JSP Standard Tag Library (JSTL)

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- Lesson 1: Introduction to JSP 2.2
 - 1.1 : Introduction to Java Server Pages
 - 1.2 : Features of JSP 2.2
 - 1.3 : Access Models
 - 1.4 : Advantages of JSP over competing technologies
- Lesson 2: Writing JavaServer Page
 - 2.1 : Developing a Simple Java server Page
 - 2.2 : JSP Processing Model
 - 2.3 : Comments and Character Coding Conventions

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- Lesson 3 : JSP Scripting Elements
 - 3.1 : Forms of Scripting Elements
 - 3.2 : JSP Implicit Objects
 - 3.3 : Examples using Scripting Elements
- Lesson 4: JSP Directives
 - 4.1 : JSP Directives
 - 4.2 : JSP Page Directive
 - 4.3 : JSP Include Directive

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- Lesson 5: JSP Actions
 - 5.1 : JSP Actions
 - 5.2 : jsp:include Action
 - 5.3 : jsp:forward Action
 - 5.4 : Java Beans
 - 5.5 : Bean Related Actions

- Lesson 6 : JSP Configuration in Web.xml
 - 6.1: Jsp-config tag in web.xml
 - 6.2:Jsp-property-group configuration

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- Lesson 7: JSP Standard Tag Library (JSTL)
 - 7.1 : What is JSTL?
 - 7.2 : Why JSTL?
 - 7.3 : Using Expression Language
 - 7.4 : Using JSTL

References

- Java Server Pages for Beginners; by Sharanam & Vaishali Shah, Cynthia Bayross
- Core Servlets & JSP; by Marty Hall
- JSP 2.2 specification download site :
 - <http://download.oracle.com/otndocs/jcp/jsp-2.2-mrel-oth-JSpec>
- JSP 2.2 on-line documentation :
 - http://java.sun.com/products/jsp/2.2/docs/jsp-2_2-pfd2/index.html



Next Step Courses

- Apache Struts Framework



Other Parallel Technology Areas

- ASP.Net
- ColdFusion
- PHP
- Server-side Javascript
- Server-Side Includes (SSI)
- Velocity
- Java Server Faces (JSF)