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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.
Feb2015	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

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### 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





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# 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)



- 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



- 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



- 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



- 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

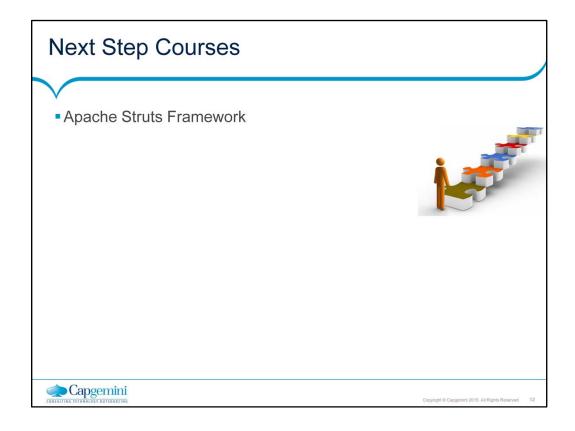


### References

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- 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\_2pfd2/index.html







# Other Parallel Technology Areas

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

