

©2016 Capgemini. All rights reserved.

The information contained in this document is proprietary and confidential. For Capgemini only.

Document History

Date	Course Version No.	Software Version No.	Developer / SME	Change Record Remarks
16-Feb-2015	6.0	3.0	Yukti Valecha	Upgraded from Servlets 2.5 to Servlets 3.0
May 2016	6.1	3.0	Anjulata	Refinement as per new TOC

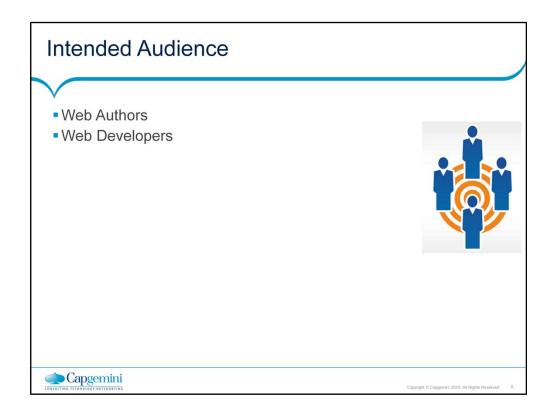


Course Goals and Non Goals

- 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



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 0
- Lesson 1: Java Web Applications
- Lesson 2: Working with WildFly 8.x
- Day 1
- Lesson 3: Introduction to Servlets API 3.0 and Ease of Development through Annotations
- Lesson 4: The Request object
- Lesson 5: The Response object
- Lesson 6: Configuring databases in WildFly



Day Wise Schedule

- Day 2
- Lesson 7: Inter-Servlet Communication
- Lesson 8: Session Tracking
- Day 3
 - Lesson 9: Multipart File Upload
 - Lesson 10: Servlet Filters



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/



