



Servlets 3.0

Lesson 00: (Java EE 7)

People matter, results count.

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## 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

## 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 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/>

