

Java Servlets and JSPs

Talk to a Teacher

<http://spoken-tutorial.org>

National Mission on Education through ICT

<http://sakshat.ac.in>

Web Application contributed by a leading MNC

Arya Ratish

IIT Bombay

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Learning Objectives



Learning Objectives

- **Web server**



Learning Objectives

- Web server
- **Web container**



Learning Objectives

- Web server
- Web container
- To create a simple Java Servlet and JSP



Software Requirements



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- **Ubuntu 12.04 OS**



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- **Ubuntu 12.04 OS**
- **Netbeans IDE 7.3**



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- **Ubuntu 12.04 OS**
- **Netbeans IDE 7.3**
- **JDK 1.7**



Software Requirements

- Ubuntu 12.04 OS
- Netbeans IDE 7.3
- JDK 1.7
- **Firefox web browser 21.0**
You can use any web-browser of your choice



Prerequisite



Prerequisite

- Core java using Netbeans IDE



Prerequisite

- Core java using Netbeans IDE
- HTML



Prerequisite

- Core java using Netbeans IDE
- HTML
- If not, for relevant tutorials please visit

<http://www.spoken-tutorial.org>



Web Server

A web server is:



Web Server

A web server is:

- **A system that delivers any content to end users over the Internet**



Web Server

A web server is:

- A system that delivers any content to end users over the Internet
- Also known as Internet Server



Web Container

A web container is:



Web Container

A web container is:

- **The component of the web server that interacts with the Java servlets**



Web Container

A web container is:

- The component of the web server that interacts with the Java servlets
- Also known as Servlet Container



Web Container

A web container is:

- The component of the web server that interacts with the Java servlets
- Also known as **Servlet Container**
- **Allows servlets to execute inside it**



Glassfish server



Glassfish server

- A servlet is deployed in a servlet container



Glassfish server

- A servlet is deployed in a **servlet container**
- **We are using GlassFish as our server**



Glassfish server

- A servlet is deployed in a **servlet container**
- We are using **GlassFish** as our **server**
- **Servlet container is a component of Glassfish that interacts with servlets**



Servlets and JSPs



Servlets and JSPs

- **Servlets and JSPs are used together to separate presentation from content**



Servlets and JSPs

- Servlets and JSPs are used together to separate **presentation** from **content**
- **Servlets act as the controller and JSPs act as view**



Servlets and JSPs



Servlets and JSPs

- **Servlets contain HTML code inside Java code**



Servlets and JSPs

- Servlets contain HTML code inside Java code
- JSPs contain Java code inside HTML code



Summary



Summary

- About web server and web container
- To create a simple servlet
- To create a simple JSP



About the Spoken Tutorial Project

- Watch the video available at http://spoken-tutorial.org/What_is_a_Spoken_Tutorial
- It summarises the Spoken Tutorial project



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Spoken Tutorial Workshops

The Spoken Tutorial Project Team

- Conducts workshops using spoken tutorials
- Gives certificates to those who pass an online test
- For more details, please write to contact@spoken-tutorial.org



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- More information on this Mission is available at <http://spoken-tutorial.org/NMEICT-Intro>



Contributor slide

- **The Library Management System**
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