

Creating a Java Web Project

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

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Learning Objectives



Learning Objectives

- **To create a Java Web Project**



Learning Objectives

- To create a Java Web Project
- **About Deployment Descriptor**



Learning Objectives

- To create a Java Web Project
- About Deployment Descriptor
- **About web.xml file**



Software Requirements



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- **Ubuntu 12.04 OS**



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- **Netbeans IDE 7.3**



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- **JDK 1.7**



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- **Firefox web-browser 21.0**



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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>



Deployment Descriptor

A web application's deployment descriptor describes:



Deployment Descriptor

A web application's deployment descriptor describes:

- the classes, resources and configuration of the application



Deployment Descriptor

A web application's deployment descriptor describes:

- the classes, resources and configuration of the application
- **how the web server uses them to serve web requests**



Deployment Descriptor



Deployment Descriptor

- **The web server receives a request for the application**



Deployment Descriptor

- The web server receives a request for the application
- **It uses deployment descriptor to map the URL of the request**



Deployment Descriptor



Deployment Descriptor

- **It maps the URL to the code that has to handle the request**

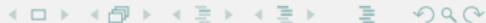


Deployment Descriptor

- It maps the URL to the code that has to handle the request
- **The deployment descriptor is a file named web.xml**



Summary



Summary

- **To create a simple Java Project**
- **Execute the Web Project**
- **About web.xml file**



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**
- **has been contributed by a leading software MNC**
- **through their Corporate Social Responsibility program**
- **They have also validated the content for this spoken tutorial**

