

# 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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- **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



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- 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](http://spoken-tutorial.org/What_is_a_Spoken_Tutorial)
- It summarises the Spoken Tutorial project



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- It summarises the Spoken Tutorial project
- If you do not have good bandwidth, you can download and watch it



# 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](mailto: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**

