

# Installing Joomla on Windows

**Spoken Tutorial Project**

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

**National Mission on Education through ICT**

**<http://www.sakshat.ac.in>**

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# Learning Objectives

**In this tutorial, we will learn to**



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In this tutorial, we will learn to

- **Obtain Joomla**



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In this tutorial, we will learn to

- ▶ Obtain Joomla
- ▶ Create database



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In this tutorial, we will learn to

- ▶ Obtain Joomla
- ▶ Create database
- ▶ **Install Joomla**



# System Prerequisites

**To install Joomla, you should have a system supporting:**



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- ▶ **Apache 2.x + or IIS 7+**



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- ▶ MySQL 5.0.4 +





# System Prerequisites

To install Joomla, you should have a system supporting:

- ▶ Apache 2.x + or IIS 7+
- ▶ MySQL 5.0.4 +
- ▶ PHP 5.2.4 +



# Prerequisites

- ▶ **Disable Firewall & Antivirus settings**



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- ▶ **If not done, you may get some messages during the installation**



# Prerequisites

- ▶ **Disable Firewall & Antivirus settings**
- ▶ **If not done, you may get some messages during the installation**
- ▶ **These messages will prompt you to click on Allow Access buttons from time-to-time**



# Web Server Distribution

- ▶ Web server distributions give you **Apache, MySQL/MariaDB and PHP** bundled in one.



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- ▶ Web server distributions give you **Apache, MySQL/MariaDB and PHP** bundled in one.
- ▶ Install these separately or using a Web server distribution like **XAMPP, WAMPP or LAMPP**



# OS, Web Server and Versions

**To record this tutorial, I will be using:**



# OS, Web Server and Versions

To record this tutorial, I will be using:

- **Windows 8**





# OS, Web Server and Versions

To record this tutorial, I will be using:

- ▶ **Windows 8**
- ▶ **Joomla 3.7.2**



# OS, Web Server and Versions

**To record this tutorial, I will be using:**

- ▶ **Windows 8**
- ▶ **Joomla 3.7.2**
- ▶ **Apache, MySQL and PHP**  
**obtained through XAMPP 5.6.28**



# XAMPP Installation

- ▶ Refer to the **XAMPP** installation tutorial in the PHP & MySQL series, on <http://spoken-tutorial.org>



# XAMPP Installation

- ▶ Refer to the **XAMPP** installation tutorial in the PHP & MySQL series, on <http://spoken-tutorial.org>
- ▶ Follow the instructions and install the latest version of **XAMPP**



# Error Messages

- ▶ **Apache shutdown unexpectedly**



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- ▶ **Apache shutdown unexpectedly**
- ▶ **Port 80 in use**



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- ▶ **Unable to connect to any of the specified MySQL hosts for MySQL database.**



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- ▶ Unable to connect to any of the specified MySQL hosts for MySQL database.
- ▶ Apache **port number** - 80





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- ▶ **Apache shutdown unexpectedly**
- ▶ **Port 80 in use**
- ▶ **Unable to connect to any of the specified MySQL hosts for MySQL database.**
- ▶ **Apache port number - 80**
- ▶ **MySQL port number - 3306**



# Error Messages

- ▶ To change these ports refer to the XAMPP installation **tutorial** in the PHP & MySQL series

<http://spoken-tutorial.org>



# Error Messages

- ▶ **To change these ports refer to the XAMPP installation tutorial in the PHP & MySQL series**  
<http://spoken-tutorial.org>
- ▶ **Allot proper port numbers before proceeding further**



# Adding a user and Creating database

- **Need to add a user and create a database for Joomla**



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- ▶ **Need to add a user and create a database for Joomla**
- ▶ **We will do this in phpmyadmin, which is the GUI for MySQL**



# Adding a user and Creating database

- ▶ **Need to add a user and create a database for Joomla**
- ▶ **We will do this in phpmyadmin, which is the GUI for MySQL**
- ▶ **It comes along with the XAMPP installation**



# Rules and Naming Conventions

- ▶ **Database name and username need not be the same**



# Rules and Naming Conventions

- ▶ Database name and username need not be the same
- ▶ To have different names, create the database first and then create a user for that database





# Rules and Naming Conventions

- ▶ Database name and username need not be the same
- ▶ To have different names, create the database first and then create a user for that database
- ▶ Username should not have spaces in between



# Prerequisites completed

- ▶ **XAMPP** running



# Prerequisites completed

- ▶ **XAMPP** running
- ▶ **Database** ready



# Prerequisites completed

- ▶ **XAMPP** running
- ▶ **Database** ready
- ▶ **Extracted Joomla** into the required folder



# Summary

In this tutorial we learnt to

- ▶ **Download Joomla from Joomla website**
- ▶ **Create database in phpmyadmin**
- ▶ **Install Joomla on a Windows machine**



# 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
- ▶ 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)



# Forum for specific questions

- ▶ Do you have questions in **THIS Spoken Tutorial?**
- ▶ Please visit <http://forums.spoken-tutorial.org>
- ▶ Choose the minute and second where you have the question
- ▶ Explain your question briefly
- ▶ Someone from our team will answer them





# Forum for specific questions

- ▶ **The Spoken Tutorial forum is for specific questions on this tutorial**
- ▶ **Please do not post unrelated and general questions on them**
- ▶ **This will help reduce the clutter**
- ▶ **With less clutter, we can use these discussion as instructional material**



# Acknowledgements

- ▶ **Spoken Tutorial Project is a part of the Talk to a Teacher project**
- ▶ **It is supported by the National Mission on Education through ICT, MHRD, Government of India**
- ▶ **More information on this Mission is available at**

**<http://spoken-tutorial.org/NMEICT-Intro>**

