

# Getting Ready for Moodle Installation

**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 about**



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In this tutorial, we will learn about

- **Prerequisites for installing Moodle**



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- Prerequisites for installing Moodle
- Check for packages on localhost



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In this tutorial, we will learn about

- Prerequisites for installing Moodle
- Check for packages on localhost
- Database setup



# OS, Web Server and Versions

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



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- **Ubuntu Linux OS 16.04**



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To record this tutorial, I will be using:

- **Ubuntu Linux OS 16.04**
- **Apache, MariaDB and PHP**  
obtained through **XAMPP 5.6.30**





# OS, Web Server and Versions

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

- **Ubuntu Linux OS 16.04**
- **Apache, MariaDB and PHP obtained through XAMPP 5.6.30**
- **Firefox web browser**



# Prerequisites for Installing XAMPP

**To install Moodle 3.3, you should have a system that supports:**



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# Prerequisites for Installing XAMPP

**To install Moodle 3.3, you should have a system that supports:**

- **Apache 2.x +**
- **MariaDB 5.5.30 +**
- **PHP 5.4.4 +**



# Web Server Distribution

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



# Web Server Distribution

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



# XAMPP not Installed





# XAMPP not Installed

```
spoken@spoken: ~  
spoken@spoken:~$ sudo /opt/lampp/lampp start  
[sudo] password for spoken:  
sudo: /opt/lampp/lampp: command not found  
spoken@spoken:~$
```



# 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 1:

- You may get a message that says  
"An Apache daemon is already running"



# Error 1:

- You may get a message that says  
"An Apache daemon is already running"
- It means the startup script did not start XAMPP-Apache



# Error 1:

- You may get a message that says **"An Apache daemon is already running"**
- It means the startup script did not start XAMPP-Apache
- This indicates that there is another Apache instance already running



# Error 1:

- To start XAMPP properly, you will have to first stop this daemon



# Error 1:

- To start XAMPP properly, you will have to first stop this daemon
- The command to stop Apache is `sudo /etc/init.d/apache2 stop`





# Error 2:

- You may get a message that says  
"MySQL daemon failed to start"



# Error 2:

- You may get a message that says  
"MySQL daemon failed to start"
- It means the startup script did not start MySQL



# Error 2:

- To start XAMPP properly, you will have to first stop this daemon



# Error 2:

- To start XAMPP properly, you will have to first stop this daemon
- The command to stop MySQL is `sudo /etc/init.d/mysql stop`



# Adding a User and Creating Database

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



# Adding a User and Creating Database

- Need to add a user and create a database for Moodle
- We will do this in phpMyAdmin, which is the GUI for MariaDB



# Adding a User and Creating Database

- Need to add a user and create a database for Moodle
- We will do this in phpMyAdmin, which is the GUI for MariaDB
- 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



# Summary

**In this tutorial we learnt about**

- Prerequisites for installing Moodle**
- How to check for the prerequisites**
- How to setup the database**
- How to add a user**



# 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>

