

# Installing Wordpress on Ubuntu

This document guides you through a Wordpress installation on Ubuntu. This has been tested with Ubuntu version 14.04.

## Abbreviated Instructions

- Optional - Get Linux server hosting for just \$5 a month.
  - <http://www.linuxtrainingacademy.com/digitalocean>
- Download Wordpress
- Install Apache, MySQL, PHP
- Create a MySQL Database
- Install Wordpress

## Step by Step Instructions

- Optional - Get Linux server hosting for just \$5 a month.
  - <http://www.linuxtrainingacademy.com/digitalocean>
- Download Wordpress
  - Visit <http://wordpress.org/latest.tar.gz> in a web browser.
  - To download the software from the command line, use this command:
  - **wget http://wordpress.org/latest.tar.gz**
- Install Apache, MySQL, and PHP
  - **sudo apt-get install -y apache2 mysql-server php5 php5-gd php5-mysql**
  - Supply a password for the MySQL root user. Supplying a password will here will not change the root password on the Linux server, just the password of the root user for the MySQL service.
- Create a MySQL Database
  - **mysql -uroot -p**
  - Supply the password for the MySQL root account when prompted.
- Create a MySQL Database
  - **CREATE DATABASE wordpress;**
- Create a MySQL User
  - **CREATE USER wordpress@localhost IDENTIFIED BY 'wppass';**
- Give the MySQL User Permission to Manipulate the Wordpress Database
  - **GRANT ALL PRIVILEGES ON wordpress.\* TO wordpress@localhost;**
- Flush the MySQL Privileges
  - **FLUSH PRIVILEGES;**
- Exit MySQL
  - **exit**
- Extract the Wordpress Software

- `cd ~/Downloads`
  - `tar zxvf wordpress-latest.tar.gz`
- Configure wordpress
  - `cp wp-config-sample.php wp-config.php`
  - `nano wp-config.php`
  - Replace "database\_name\_here" with the database created above. (wordpress)
  - Replace "username\_here" with the MySQL user created above. (wordpress)
  - Replace "password\_here" with the password for the MySQL user. (wppass)
- Copy the wordpress files into the web server's document root.
  - For Ubuntu 14.04 and above:
    - **`cd /var/www`**
    - **`sudo mv html html.bak`**
    - **`sudo mv ~/Downloads/wordpress html`**
    - **`sudo chown -R www-data:www-data html`**
  - For Ubuntu 13.10 and below:
    - **`cd /var`**
    - **`sudo mv www www.bak`**
    - **`sudo mv ~/Downloads/wordpress www`**
    - **`sudo chown -R www-data:www-data www`**
- Finish the wordpress installation in a web browser.
  - **firefox `http://localhost/`**
  - Give your blog a name.
  - Create a user for your blog.
  - Supply a password for the user.
  - Enter an email address for the user.
  - Click "Install Wordpress."
- Log into your Wordpress Installation
  - **firefox `http://localhost/wp-admin/`**

**Welcome to Wordpress!**

# Resources

## Linux Training Academy

<http://www.LinuxTrainingAcademy.com>

## \$5 a Month Linux Server Hosting

<http://www.linuxtrainingacademy.com/digitalocean>

## Ubuntu

<http://www.ubuntu.com/>

## Wordpress

<http://wordpress.org/>

## Apache

<http://httpd.apache.org/>

## MySQL

<http://www.mysql.com/>

## PHP

<http://www.php.net/>