

# LAMP Installation on Ubuntu

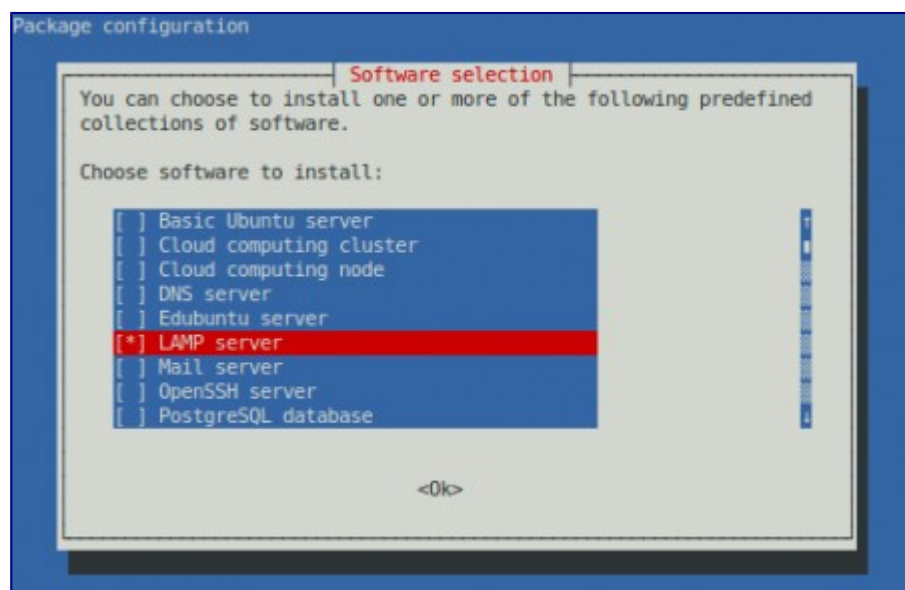
## Easiest way to install LAMP server on Ubuntu

In this guide I will show you the easiest way, how to install a LAMP server. LAMP stands for Linux, Apache, MySQL, PHP. There are many methods to install LAMP.

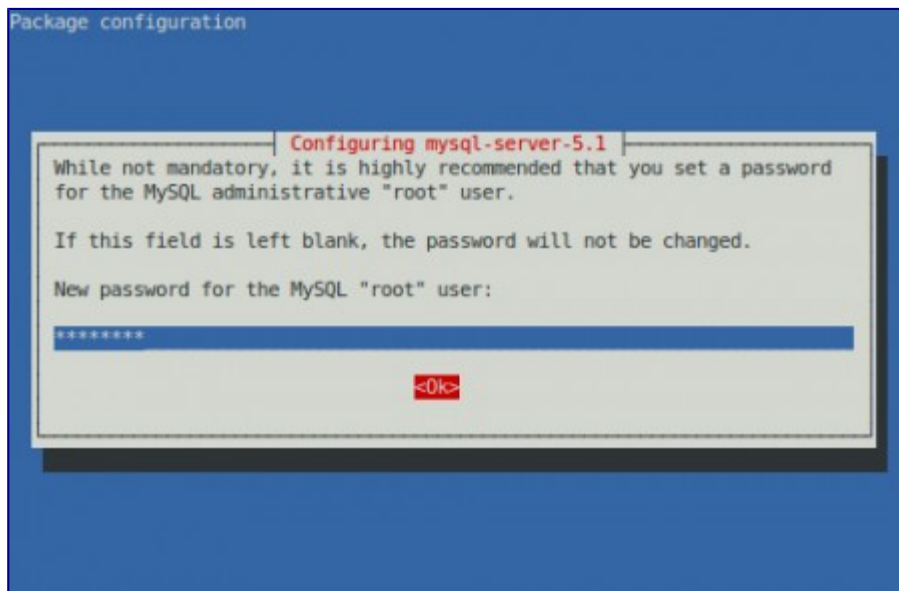
### 1-A) Method One (using Terminal)

- Under Terminal type command:  
`sudo apt-get install tasksel`
- Once you have tasksel installed, type command:  
`sudo tasksel`

Select LAMP server and hit OK



If prompted, insert new root password for the MySQL:



### 1-B) Method Two (using Terminal)

```
sudo tasksel install lamp-server
```

### 1-C) Method Three (using Terminal)

```
sudo apt-get install php5 apache2 mysql-server
```

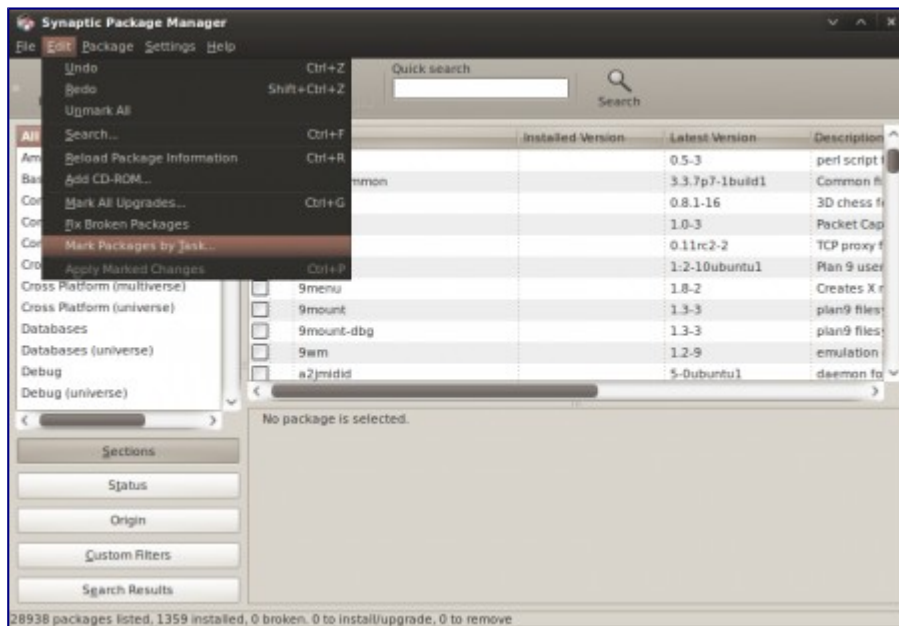
### 1-D) Method Four (using Synaptic Package Manager)

Run:

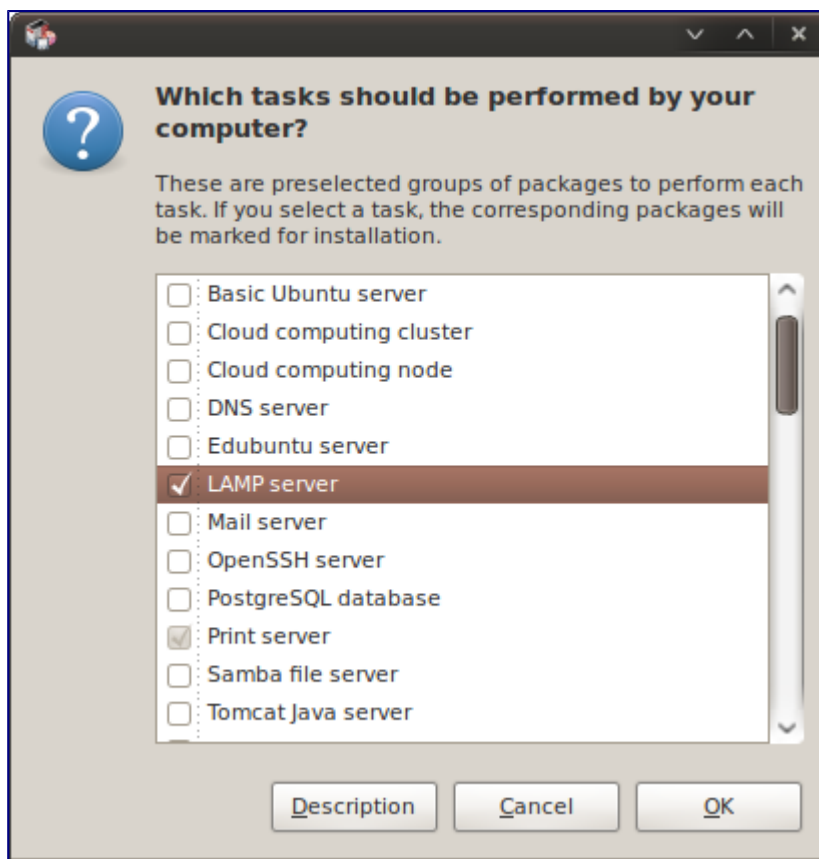
**System > Administration > Synaptic Package Manager**

And select:

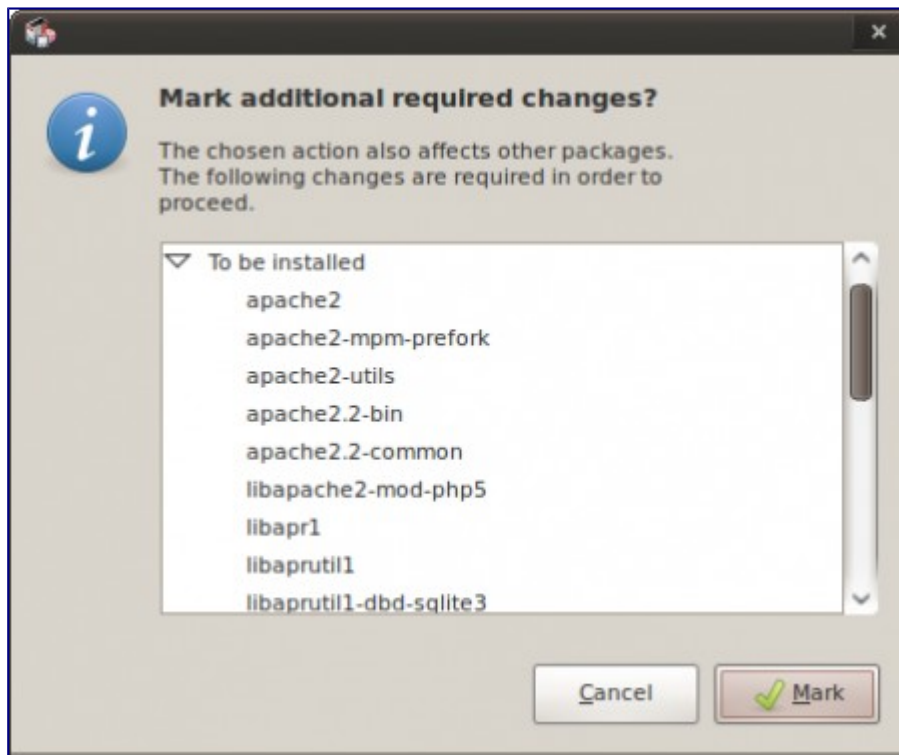
**Edit > Mark Packages by Task...**



Select LAMP server



In the next step you can see packages, that would be installed



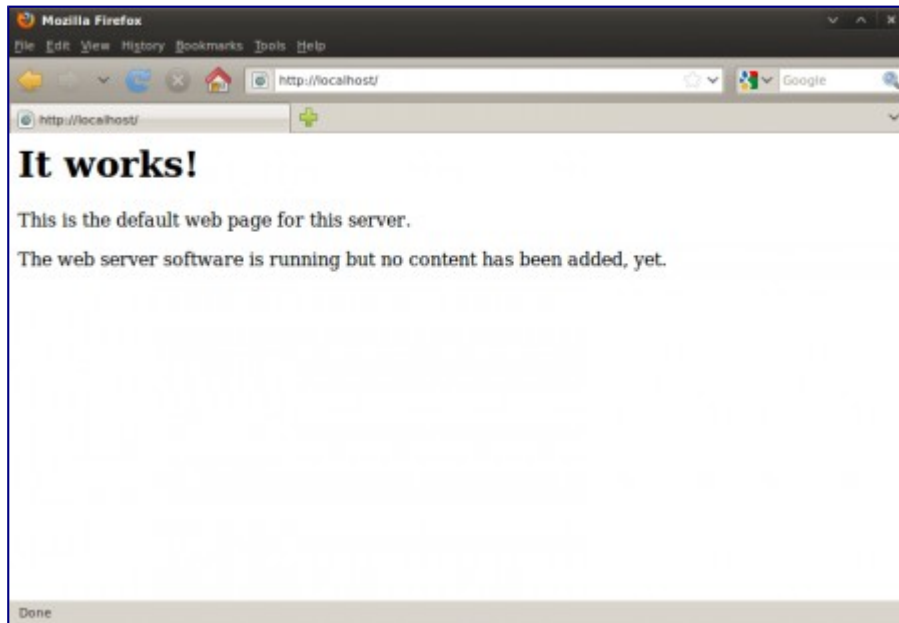
Enter new password for the MySQL root user



and that's it..

## 2) Testing Apache

Open a web browser and enter the address <http://localhost>. You should see a webpage displaying the text "**It Works!**"



## 3) Testing PHP

To test our PHP installation we need to create file called **info.php** in **/var/www**. Open Terminal and enter:

```
sudo gedit /var/www/info.php
```

Enter the line below, save the file, and exit the text editor.

```
<?
    phpinfo();
?>
```

Restart apache

```
sudo /etc/init.d/apache2 restart
```

Now, open your browser and enter <http://localhost/info.php>. You should see a bunch of information about your version of PHP.



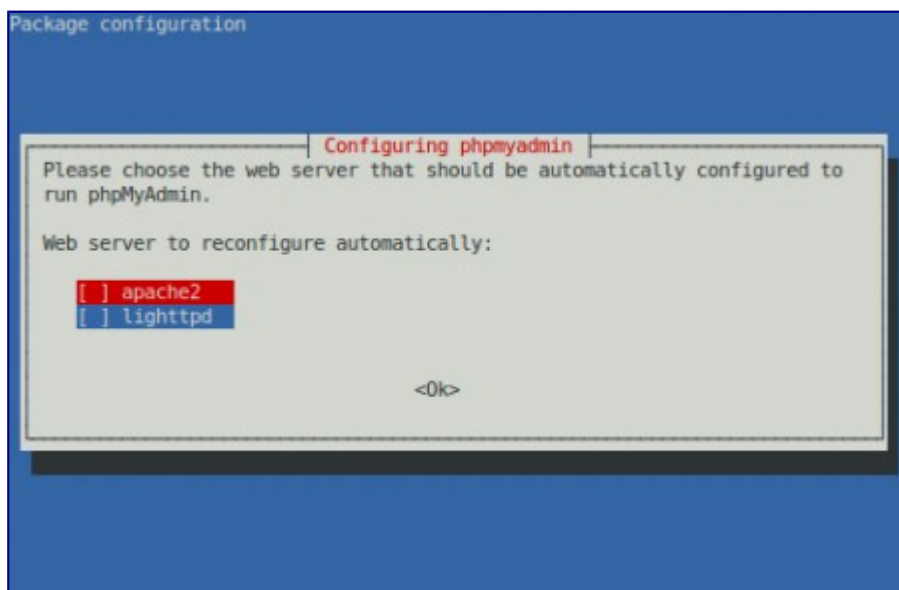
## 4) phpMyAdmin

To easy access MySQL databases use **phpMyAdmin**.

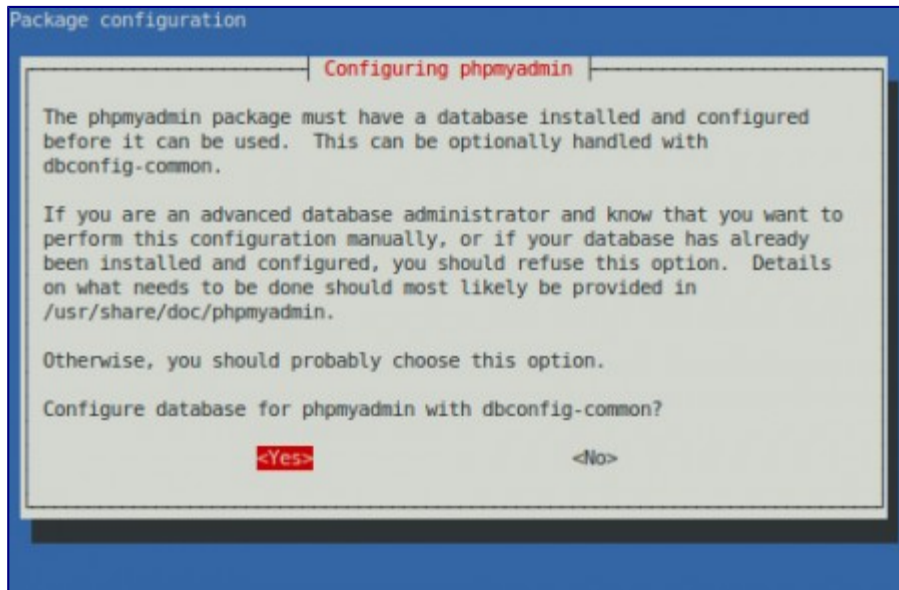
Under Terminal enter this command to install phpMyAdmin:

```
sudo apt-get install phpmyadmin
```

If prompted, use the spacebar to mark **apache2** and then hit Enter.



You will also be asked if you want to configure phpMyAdmin with a new database called **dbconfig-common**. Select **Yes** and press Enter.



Next you'll be prompted for the **password for MySQL's administrator**. Enter the MySQL root password that you created earlier in the installation. Select **Yes** and press Enter.

Next you'll be prompted to create an **application password for phpMyAdmin** to talk to MySQL. If you leave it blank, a random password will be generated for you.

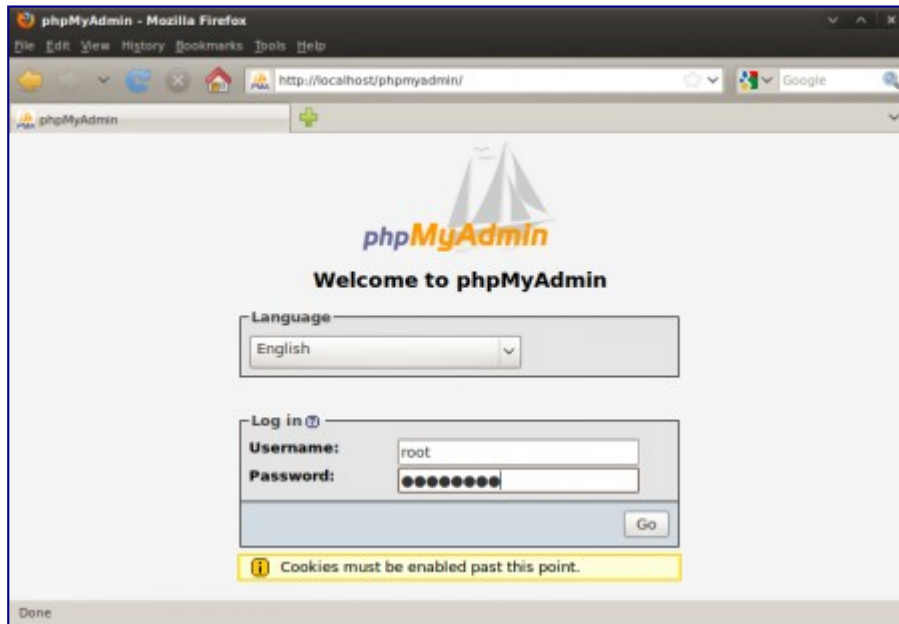
After configuring the password, the installation should complete.

## 5) Testing MySQL (phpMyAdmin)

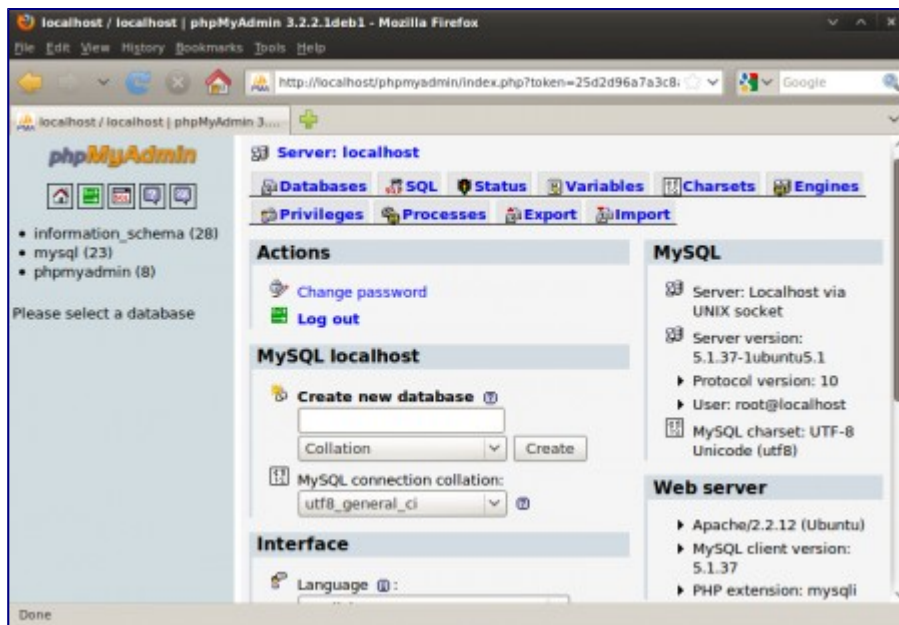
Open a web browser and enter the address <http://localhost/phpmyadmin>.

You should see this page:





Login using the username **root** and the root password, that you created earlier.



The LAMP server is successfully installed.