

Server - Apache

'apache2' - Apache Hypertext Transfer Protocol Server

'apache2' is the Apache HyperText Transfer Protocol (HTTP) server program. It is designed to be run as a standalone daemon process. When used like this it will create a pool of child processes or threads to handle requests.

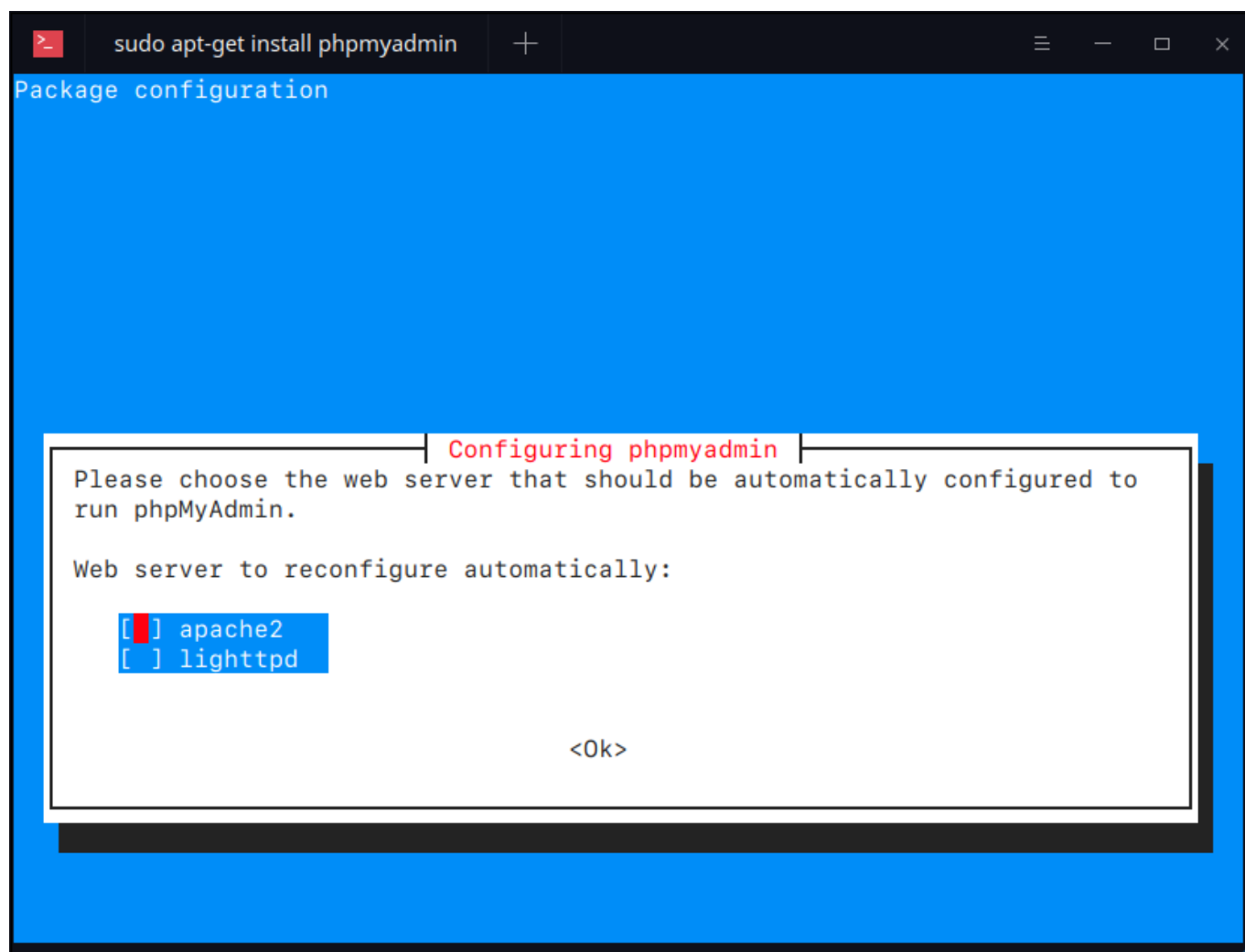
In general, apache2 should not be invoked directly, but rather should be invoked via /etc/init.d/apache2 or apache2ctl. The default Debian configuration requires environment variables that are defined in /etc/apache2/envvars and are not available if apache2 is started directly. However, apache2ctl can be used to pass arbitrary arguments to apache2.

Installation

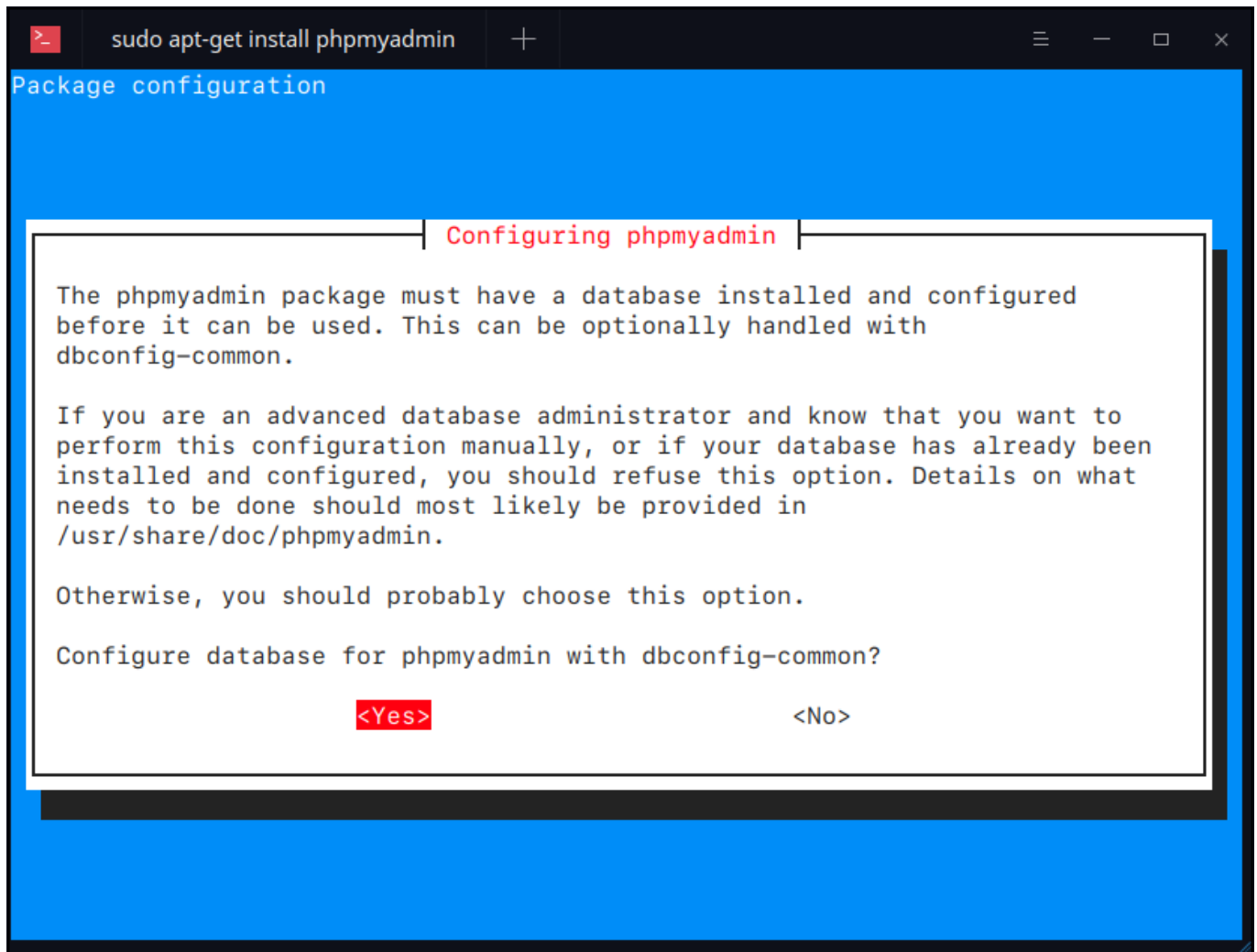
```
sudo apt-get update
sudo apt-get install apache2
sudo apt-get install mysql-server
```

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

Select **apache2** as the web server by pressing **Space** and then **Tab** key and press **enter** key. (<Ok>)



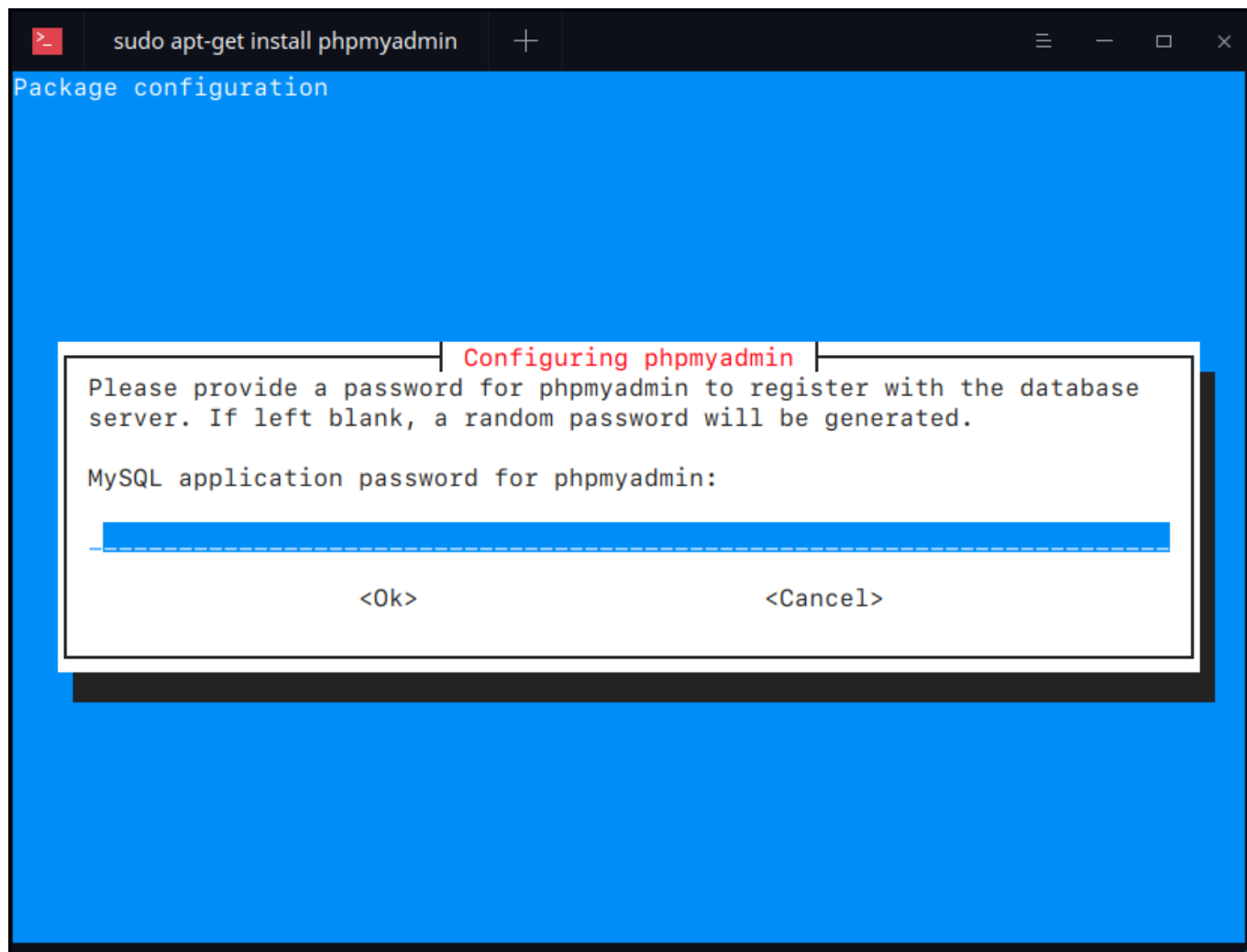
Press **Yes** to configure database for phpmyadmin.



A terminal window with a dark background and a blue title bar. The title bar contains a red icon, the text 'sudo apt-get install phpmyadmin', and window control buttons. The terminal output shows the 'Package configuration' for phpmyadmin. It includes instructions on how to use the package, a warning for advanced users, and a prompt to configure the database with 'dbconfig-common'. The prompt is 'Configure database for phpmyadmin with dbconfig-common?' and the user has selected '<Yes>'.

```
> sudo apt-get install phpmyadmin
Package configuration
Configuring phpmyadmin
The phpmyadmin package must have a database installed and configured
before it can be used. This can be optionally handled with
dbconfig-common.
If you are an advanced database administrator and know that you want to
perform this configuration manually, or if your database has already been
installed and configured, you should refuse this option. Details on what
needs to be done should most likely be provided in
/usr/share/doc/phpmyadmin.
Otherwise, you should probably choose this option.
Configure database for phpmyadmin with dbconfig-common?
<Yes> <No>
```

Provide password which we set as `root` earlier.



Confirm it, and then you are done.

```
# Test phpMyAdmin
Now open 'http://localhost/phpmyadmin/' in your browser to access
phpmyadmin and you can login with username and password both as root.
```

The requested URL /phpmyadmin/ was not found on this server.

Apache/2.4.25 (Debian) Server at localhost Port 80

```
#####
'WARNING': Does not work, BUT I know how to this!
#####
```

How to fix this:

The requested URL /phpmyadmin/ was not found on this server.

Please, see the steps below to fix this.

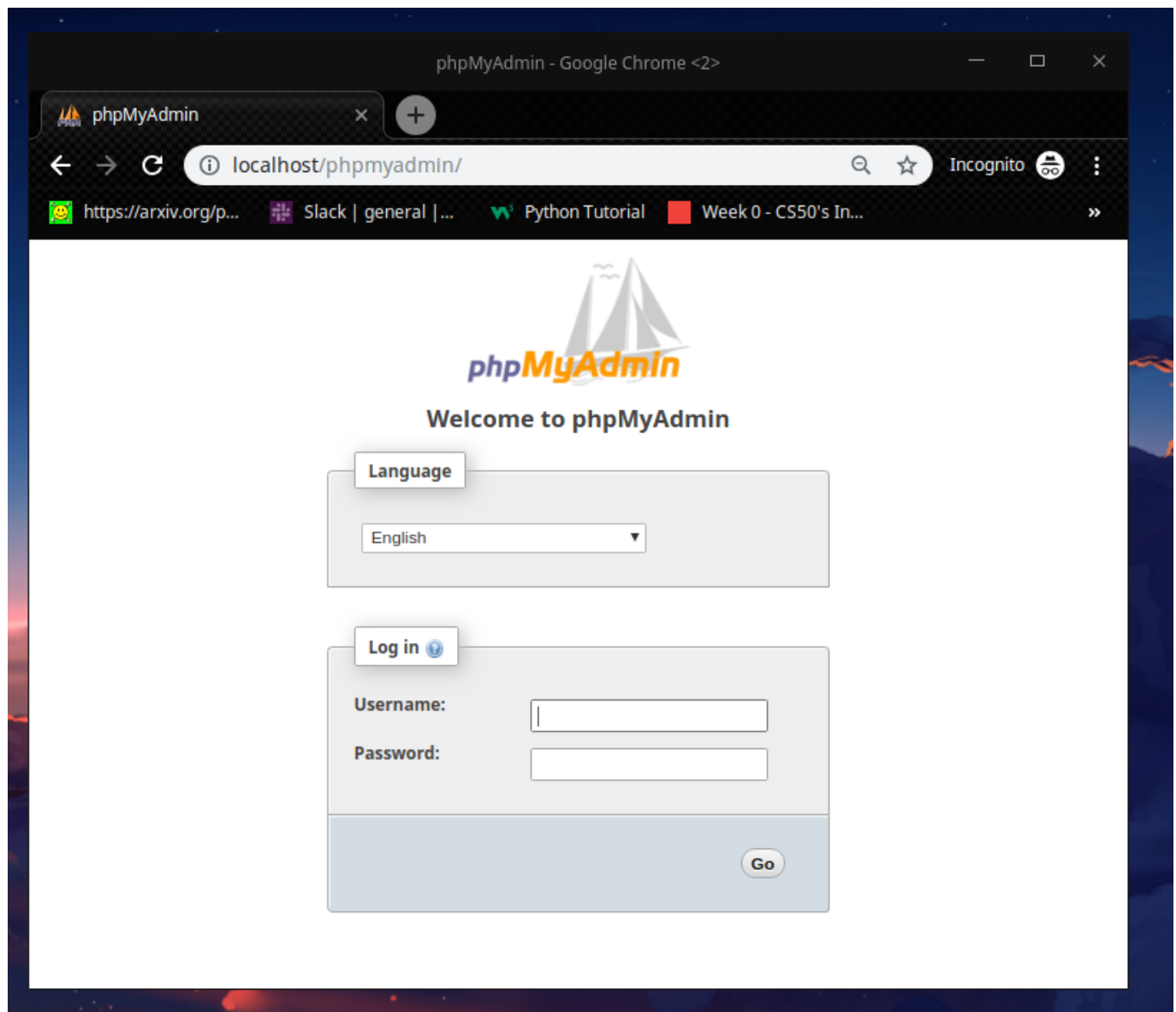
```
#####  
## Not Found  
#####  
The requested URL /phpmyadmin/ was not found on this server.  
  
Apache/2.4.25 (Debian) Server at localhost Port 80  
  
'How to fix this:'  
  
# First open the file apache2.conf  
sudo -H gedit /etc/apache2/apache2.conf  
  
# Second, add the line below in the end of the file 'apache2.conf'  
Include /etc/phpmyadmin/apache.conf  
  
# save and exit, done! go ahead.  
  
# Third, restart apache, typing in the terminal  
/etc/init.d/apache2 restart  
[ ok ] Restarting apache2 (via systemctl): apache2.service.
```

Localhost - Server

```
http://localhost/phpmyadmin/
```

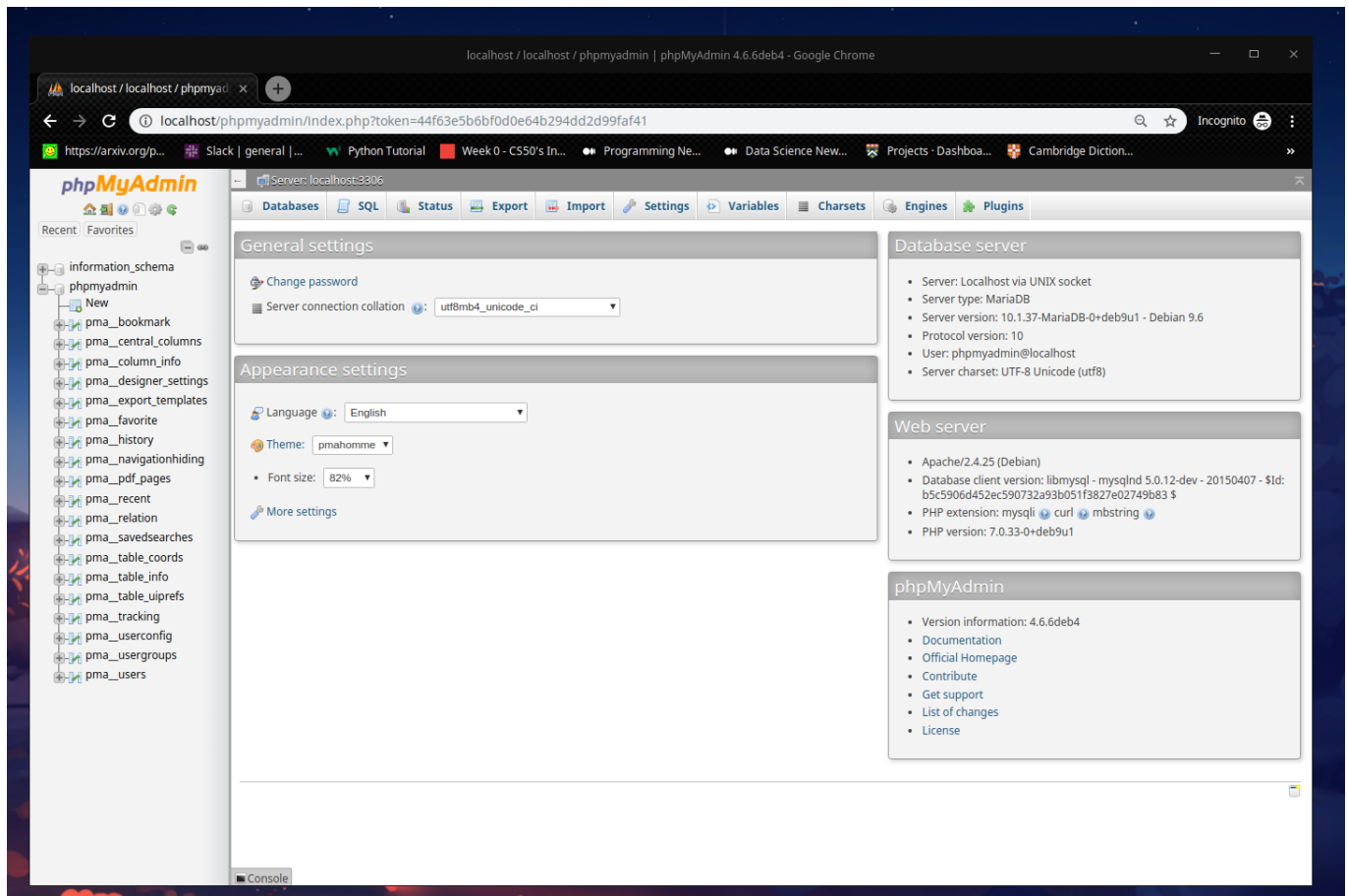
```
# Now open again, 'http://localhost/phpmyadmin/' in your browser  
  
# or type in terminal:  
google-chrome http://localhost/phpmyadmin/  
  
Fontconfig warning: "/etc/fonts/fonts.conf", line 100: unknown element  
"blank"  
[6231:6231:0626/123242.111192:ERROR:sandbox_linux.cc(364)]  
InitializeSandbox() called with multiple threads in process gpu-process.  
[6193:6213:0626/123242.246951:ERROR:browser_process_sub_thread.cc(209)]  
Waited 3 ms for network service  
Opening in existing browser session.
```

Open the browser session, see below the login window in figure:



Enter with the **Username** and **password**

```
Username: phpmyadmin
Password: *****
```



Resources

- [Welcome! - The Apache HTTP Server Project](#)
- [Quickly setup a localhost environment in Ubuntu](#)