phpMyAdmin

phpMyAdmin is a LAMP application specifically written for administering **MySQL** servers. Written in **PHP**, and accessed through a web browser, phpMyAdmin provides a graphical interface for database administration tasks.

Installation

Before installing **phpMyAdmin** you will need access to a **MySQL** database either on the same host as that phpMyAdmin is installed on, or on a host accessible over the network. For more information see <u>the section called "MySQL"</u>. From a terminal prompt enter:

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

At the prompt choose which web server to be configured for **phpMyAdmin**. The rest of this section will use **Apache2** for the web server.

In a browser go to *http://servername/phpmyadmin*, replacing serveranme with the server's actual hostname. At the login, page enter *root* for the *username*, or another **MySQL** user if you any setup, and enter the **MySQL** user's password.

Once logged in you can reset the *root* password if needed, create users, create/destroy databases and tables, etc.

Configuration

The configuration files for **phpMyAdmin** are located in `/etc/phpmyadmin`. The main configuration file is `/etc/phpmyadmin/config.inc.php`. This file contains configuration options that apply globally to **phpMyAdmin**.

To use **phpMyAdmin** to administer a MySQL database hosted on another server, adjust the following in `/etc/phpmyadmin/config.inc.php`:

```
$cfg['Servers'][$i]['host'] = 'db_server';
```

> Replace db_server with the actual remote database server name or IP address. Also, be sure that the **phpMyAdmin** host has permissions to access the remote database.

Once configured, log out of **phpMyAdmin** and back in, and you should be accessing the new server.

The `config.header.inc.php` and `config.footer.inc.php` files are used to add a HTML header and footer to **phpMyAdmin**.

Another important configuration file is `/etc/phpmyadmin/apache.conf`, this file is symlinked to `/etc/apache2/conf.d/phpmyadmin.conf`, and is used to configure **Apache2** to serve the **phpMyAdmin** site. The file contains directives for loading **PHP**, directory permissions, etc. For more information on configuring **Apache2** see <u>the section called "HTTPD - Apache2 Web Server"</u>.

References

- The **phpMyAdmin** documentation comes installed with the package and can be accessed from the *phpMyAdmin Documentation* link (a question mark with a box around it) under the phpMyAdmin logo. The official docs can also be access on the [phpMyAdmin](#) site.

- Also, [Mastering phpMyAdmin](#) is a great resource.

- A third resource is the [phpMyAdmin Ubuntu Wiki](#) page.