debian-lamp-howto

Before you start this step, make sure you have completed the installation of Debian 11.7 and are able to log in both as root and your desired username.

This is a step by step instruction on how to install the infamous LAMP-stack (Linux Apache MariaDB PHP) on Debian 11.7.

https://wiki.debian.org/LaMp - we're following the official Debian guide (mostly)

We will be skipping some steps to focus on a minimal viable solution

Just type in the commands

Commands

Update the system:

```
apt update && apt upgrade
```

Install MariaDB

```
apt install mariadb-server mariadb-client
# mysql_secure_installation #uncomment this line for improved security
```

Create database and user

You should create 1 user that has full access to 1 db with the same name.

Replace `wiki` with your preferred databasename / username

Optionally replace `localhost` with the IP-address of your database client (for example a webserver)

```
CREATE DATABASE wiki;
CREATE USER 'wiki'@'localhost' IDENTIFIED BY 'Yolo123456';
GRANT ALL PRIVILEGES ON wiki.* TO 'wiki'@'localhost';
FLUSH PRIVILEGES;
```

Apache

```
apt install apache2 apache2-doc
systemctl restart apache2
systemctl enable apache2
```

PHP

```
apt install php php-mysql
```

PHPMyAdmin

```
apt install phpmyadmin
echo "Include /etc/phpmyadmin/apache.conf" >> /etc/apache2/apache2.conf # activate it
systemctl restart apache2
```

Congratiulations, it should now be running!

Now all you have to do is copy your files over, good luck!

Extra stuff

How to copy files using scp