

Installation of PhpMyadmin

Prerequisites

- A LAMP (Linux, Apache, MySQL, and PHP) stack installed on your Ubuntu 20.04 server. If this is not completed yet, you can follow this guide on installing a LAMP stack on Ubuntu 20.04. [[Link](#) to install LAMP stack].

- Commands to install PhpMyadmin

\$ sudo apt update

\$ sudo apt install phpmyadmin php-mbstring php-zip php-gd php-json php-curl

- Here are the options you should choose when prompted in order to configure your installation correctly:
 - For the server selection, choose apache2
 - Select NO when asked whether to use dbconfig-common to set up the database[Since you have already installed MySQL and configured the user.]
- Enable the mbstring PHP extension, which you can do by typing:

\$sudo phpenmod mbstring

- Afterwards, restart Apache for your changes to be recognized:

\$sudo systemctl restart apache2

- you can now access the web interface by visiting your server's domain name or public IP address followed by /phpmyadmin:

localhost/phpmyadmin/

If you got error in loading page follow these steps

- Goto to the file apache2.conf

\$sudo -H gedit /etc/apache2/apache2.conf

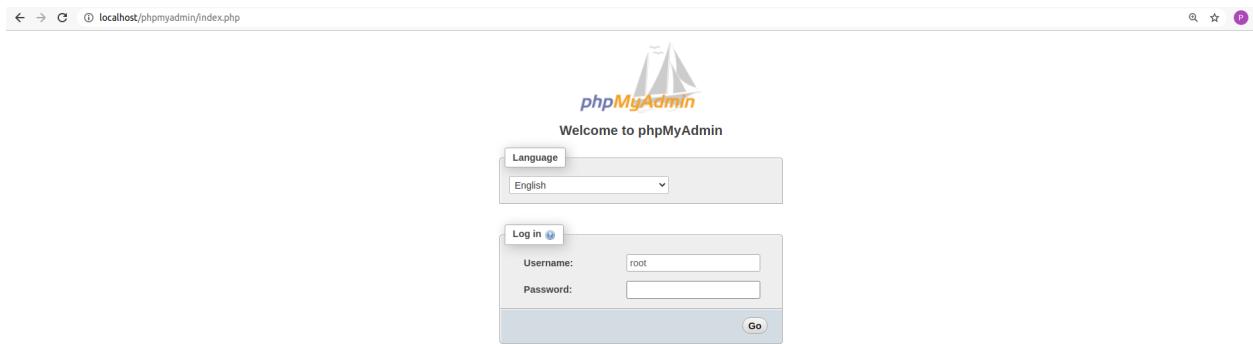
- Then add the following line to the end of the file:

Include /etc/phpmyadmin/apache.conf

- Then restart apache:

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

- Now try *localhost/phpmyadmin/*



A screenshot of a web browser window showing the phpMyAdmin login page. The browser's address bar displays 'localhost/phpmyadmin/index.php'. The page features the phpMyAdmin logo at the top, followed by the text 'Welcome to phpMyAdmin'. Below this, there is a 'Language' dropdown menu set to 'English'. Further down is a 'Log in' section with a 'Log in' button, a 'Username' field containing 'root', and a 'Password' field. A 'Go' button is located at the bottom right of the login section.

Login Using your user name and password



A detailed view of the phpMyAdmin login form. At the top is the phpMyAdmin logo and the text 'Welcome to phpMyAdmin'. Below this is a 'Language' dropdown menu with 'English' selected. Underneath is a 'Log in' section with a 'Log in' button, a 'Username' field with 'root', and a 'Password' field with masked characters (dots). A 'Go' button is positioned at the bottom right of the login section.

Select Database

The screenshot shows the phpMyAdmin interface with the 'university' database selected. The left sidebar displays a tree view of databases, including 'university' and its tables. The main panel shows the 'Structure' tab for the 'university' database. A table list is displayed with columns: Table, Action, Rows, Type, Collation, Size, and Overhead. The tables listed are: advisor, classroom, course, department, instructor, prereq, section, student, takes, teaches, and time_slot. The 'Sum' row shows 11 tables, 138 rows, InnoDB engine, utf8mb4_0900_ai_ci collation, 384.0 KiB size, and 0.0 B overhead.

Table	Action	Rows	Type	Collation	Size	Overhead
advisor	Browse Structure Search Insert Empty Drop	9	InnoDB	utf8mb4_0900_ai_ci	32.0 KiB	-
classroom	Browse Structure Search Insert Empty Drop	5	InnoDB	utf8mb4_0900_ai_ci	16.0 KiB	-
course	Browse Structure Search Insert Empty Drop	13	InnoDB	utf8mb4_0900_ai_ci	32.0 KiB	-
department	Browse Structure Search Insert Empty Drop	7	InnoDB	utf8mb4_0900_ai_ci	16.0 KiB	-
instructor	Browse Structure Search Insert Empty Drop	12	InnoDB	utf8mb4_0900_ai_ci	32.0 KiB	-
prereq	Browse Structure Search Insert Empty Drop	7	InnoDB	utf8mb4_0900_ai_ci	32.0 KiB	-
section	Browse Structure Search Insert Empty Drop	15	InnoDB	utf8mb4_0900_ai_ci	32.0 KiB	-
student	Browse Structure Search Insert Empty Drop	13	InnoDB	utf8mb4_0900_ai_ci	32.0 KiB	-
takes	Browse Structure Search Insert Empty Drop	22	InnoDB	utf8mb4_0900_ai_ci	32.0 KiB	-
teaches	Browse Structure Search Insert Empty Drop	15	InnoDB	utf8mb4_0900_ai_ci	32.0 KiB	-
time_slot	Browse Structure Search Insert Empty Drop	28	InnoDB	utf8mb4_0900_ai_ci	16.0 KiB	-
11 tables Sum		138	InnoDB	utf8mb4_0900_ai_ci	384.0 KiB	0.0 B

Execute your commands in SQL editor here.

The screenshot shows the SQL editor in phpMyAdmin. The top toolbar includes buttons for Browse, Structure, SQL, Search, Insert, Export, Import, Privileges, Operations, and Triggers. The main area is titled 'Run SQL query/queries on table university.advisor:'. The SQL editor contains the query: `1 SELECT * FROM `advisor`;`. Below the editor are buttons for SELECT *, SELECT, INSERT, UPDATE, DELETE, Clear, Format, and Get auto-saved query. At the bottom, there is a checkbox for 'Bind parameters'.