

INSTALLATION ENVIRONNEMENT DEV. MYSQL

- Linux

Avant toute chose

```
$ sudo apt update && upgrade
```

1) Installation du serveur Apache

```
$ sudo apt install apache2
$ sudo systemctl enable apache2
$ sudo systemctl restart apache2
$ sudo nano /etc/apache2/apache2.conf
```

On ajoute à la fin :

```
Include /etc/phpmyadmin/apache.conf
```

2) Configuration du dossier de travail www.act2_SQL

```
$ sudo mkdir -p /var/www/html/www.act2_SQL
$ sudo chmod -R 777 /var/www/html/www.act2_SQL
```

3) Installation de MySQL Serveur

```
$ sudo apt install mysql-server
$ sudo mysql_secure_installation
```

Répondre Non à l'ensemble des questions :

*Enter current password for root (enter for none): Press **ENTER**.
Switch to unix_socket authentication? Press **N**, then **ENTER**.
Change the root password? Press **Y**, then **ENTER**.
Remove anonymous users? Press **Y**, then **ENTER**.
Disallow root login remotely? Press **Y**, then **ENTER**.
Remove test database and access to it? Press **Y**, then **ENTER**.
Reload privilege tables now? Press **Y**, then **ENTER**.*

4) Paramétrage de MySQL Serveur

```
$ sudo mysql -u root -p
```

Et saisir :

```
ALTER USER 'root'@'localhost' IDENTIFIED WITH
myhttps://gitlab.com/edaldegan/nsi_cours/-/tree/master/1_NSI/CH1_Booleenssql_native_pas
sword BY 'chuck';
FLUSH PRIVILEGES;
QUIT ;
```

5) Installation phpMyAdmin

```
$ sudo apt install php php-
{fpm,mbstring,bcmath,xml,mysql,common,gd,cli,curl,zip}n
$ sudo systemctl enable php8.1-fpm --now
```

Télécharger et installer phpmyadmin

```
$ wget https://www.phpmyadmin.net/downloads/phpMyAdmin-latest-all-languages.tar.gz
```

Extraction

```
$ tar xvf phpMyAdmin-*-all-languages.tar.gz
```

Déplacement et création d'un dossier tmp

```
$ sudo mv phpMyAdmin-*/ /var/www/html/phpmyadmin  
$ sudo mkdir -p /var/www/html/phpmyadmin/tmp
```

6) Configuration de phpMyAdmin

```
$ sudo cp /var/www/html/phpmyadmin/config.sample.inc.php  
/var/www/html/phpmyadmin/config.inc.php
```

Créer une chaîne aléatoire pour la clé d'identification des cookies

```
$ openssl rand -base64 32
```

Copier la clé ainsi créée, et ouvrir le fichier de config

```
$ sudo nano /var/www/html/phpmyadmin/config.inc.php
```

Coller la clé générée à la place de « ma clé »

```
$cfg['blowfish_secret'] = 'ma clé'; /* YOU MUST FILL IN THIS FOR  
COOKIE AUTH! */
```

A la fin du fichier, ajouter :

```
$cfg['TempDir'] = '/var/www/html/phpmyadmin/tmp';
```

7) Configurer le lien Apache / PhpMyAdmin

```
$ sudo chown -R www-data:www-data /var/www/html/phpmyadmin  
$ sudo find /var/www/html/phpmyadmin/ -type d -exec chmod 755  
{ } \;  
$ sudo find /var/www/html/phpmyadmin/ -type f -exec chmod 644  
{ } \;
```

Ouvrir le fichier de configuration

```
$ sudo nano /etc/apache2/conf-available/phpmyadmin.conf  
et coller le code suivant à la place de celui existant
```

```
Alias /phpmyadmin /var/www/html/phpmyadmin  
<Directory /var/www/html/phpmyadmin>  
Options Indexes FollowSymLinks  
DirectoryIndex index.php  
<IfModule mod_php8.c>  
AddType application/x-httpd-php .php  
php_flag magic_quotes_gpc Off  
php_flag track_vars On  
php_flag register_globals Off  
php_value include_path .  
</IfModule>  
</Directory>  
# Authorize for setup  
<Directory /var/www/html/phpmyadmin/setup>  
<IfModule mod_authn_file.c>  
AuthType Basic  
AuthName "phpMyAdmin Setup"  
AuthUserFile /etc/phpmyadmin/htpasswd.setup  
</IfModule>
```

```
Require valid-user
</Directory>
# Disallow web access to directories that don't need it
<Directory /var/www/html/phpmyadmin/libraries>
Order Deny,Allow
Deny from All
</Directory>
<Directory /var/www/html/phpmyadmin/setup/lib>
Order Deny,Allow
Deny from All
</Directory>
```

Activer les changements et redémarrer Apache

```
$ sudo a2enconf phpmyadmin.conf
$ sudo systemctl restart apache2
```

8) BRAVO !

Le serveur phpMyAdmin est accessible par l'adresse locale :

<http://127.0.0.1/phpmyadmin/> avec les infos :

login : root

mdp : chuck

(D'après <https://www.how2shout.com/linux/how-to-install-phpmyadmin-with-apache-on-ubuntu-22-04-lts/>)