

INSTALLER MYSQL, APACHE ET PHP AVEC LE CODE SOURCE

MYSQL:

- **Télécharger le code source:**
 - `mysql-8.3.0.tar.gz`
- **Décompresser et désarchiver:**
 - `$ tar -xzf mysql-8.3.0.tar.gz`
- **Entrer dans le dossier:**
 - `$ cd mysql-8.3.0`
- **Lire readme**
 - `$ cat README`
- **Devenir root et installer les dépendances nécessaires:**
 - `$ sudo su`
 - `# apt install build-essential cmake`

// dépendance openssl:

- `# tar xzvf home/miora/openssl-3.3.0.tar.gz`
- `# cd openssl-3.3.0`
- `# ls`
- `# ./Configure`
- `# make`
- `# make install`
- `# cd ..`

// dépendance ncurses:

- `# tar xzvf /home/miora/ncurses-6.4.tar.gz`
- `# cd ncurses-6.4`
- `# ls`
- `# ./configure`
- `# make`
- `# make install`
- `# cd ..`

// installation de bison:

- `# apt install bison`

- **Créer un répertoire de build:**
 - `# mkdir build`

- **Se déplacer dedans et faire cmake make et make install:**
 - # cd build
 - # cmake ..
- **Erreur sasl not found puisque sasl est déjà installé rechercher son emplacement:**
 - # find / -name "sasl.h"
 - # echo \$CMAKE_LIBRARY_PATH
- **Comme il ne s'y trouve pas on va l'y placer:**
 - #export CMAKE_INCLUDE_PATH="/usr/include/sasl/sasl.h"
 - # cmake ..
 - # make
 - # make install

```
-- Installing: /usr/local/mysql/man/man1/mysql_config.1
-- Installing: /usr/local/mysql/man/man1/mysql_config_editor.1
-- Installing: /usr/local/mysql/man/man1/mysql_secure_installation.1
-- Installing: /usr/local/mysql/man/man1/mysql_ssl_rsa_setup.1
-- Installing: /usr/local/mysql/man/man1/mysql_tzinfo_to_sql.1
-- Installing: /usr/local/mysql/man/man1/mysql_upgrade.1
-- Installing: /usr/local/mysql/man/man1/mysqladmin.1
-- Installing: /usr/local/mysql/man/man1/mysqlbinlog.1
-- Installing: /usr/local/mysql/man/man1/mysqlcheck.1
-- Installing: /usr/local/mysql/man/man1/mysqldump.1
-- Installing: /usr/local/mysql/man/man1/mysqldumpslow.1
-- Installing: /usr/local/mysql/man/man1/mysqlimport.1
-- Installing: /usr/local/mysql/man/man1/mysqlman.1
-- Installing: /usr/local/mysql/man/man1/mysqlpump.1
-- Installing: /usr/local/mysql/man/man1/mysqlshow.1
-- Installing: /usr/local/mysql/man/man1/mysqlslap.1
-- Installing: /usr/local/mysql/man/man1/perror.1
-- Installing: /usr/local/mysql/man/man1/zlib_decompress.1
-- Installing: /usr/local/mysql/man/man1/mysql.server.1
-- Installing: /usr/local/mysql/man/man1/mysqld_multi.1
-- Installing: /usr/local/mysql/man/man1/mysqld_safe.1
-- Installing: /usr/local/mysql/man/man8/mysqld.8
-- Installing: /usr/local/mysql/man/man1/mysqlrouter.1
-- Installing: /usr/local/mysql/man/man1/mysqlrouter_passwd.1
-- Installing: /usr/local/mysql/man/man1/mysqlrouter_plugin_info.1
```

APACHE:

- **Télécharger le packet**
 - httpd-2.4.59.tar.gz
- **Décompresser et desarchiver:**

- \$ tar -xzf httpd-2.4.59.tar.gz
- \$ cd httpd-2.4.59
- **Lire readme pour connaitre les dépendances nécessaires:**
 - \$ cat README.cmake
- **Installer les dépendances:**
 - # sudo su
 - # apt-get install libapr1-dev
 - # apt-get install libaprutil1-dev
 - # apt-get install libpcre2-dev
- **Configuration:**
 - # ls
 - # ./configure
- **Compilation des fichiers sources:**
 - # make
- **Mettre tous les codes sources dans l'arborescence:**
 - # make install

```
Installing configuration files
mkdir /usr/local/apache2/conf
mkdir /usr/local/apache2/conf/extra
mkdir /usr/local/apache2/conf/original
mkdir /usr/local/apache2/conf/original/extra
Installing HTML documents
mkdir /usr/local/apache2/htdocs
Installing error documents
mkdir /usr/local/apache2/error
Installing icons
mkdir /usr/local/apache2/icons
mkdir /usr/local/apache2/logs
Installing CGIs
mkdir /usr/local/apache2/cgi-bin
Installing header files
mkdir /usr/local/apache2/include
Installing build system files
mkdir /usr/local/apache2/build
Installing man pages and online manual
mkdir /usr/local/apache2/man
mkdir /usr/local/apache2/man/man1
mkdir /usr/local/apache2/man/man8
mkdir /usr/local/apache2/manual
make[1]: Leaving directory '/home/miora/httpd-2.4.59'
```

PHP:

- **Télécharger le packet:**
 - php-8.3.6.tar.gz
- **Décompresser et désarchiver:**
 - \$ tar -xzf php-8.3.6.tar.gz

- **Entrer dans le dossier:**
 - \$ cd php-8.3.6
- **Lire le readme:**
 - \$ cat README.REDISTS.BINS
- **Devenir root et installer les dépendances nécessaires:**
 - \$ sudo su
 - # apt update
 - # apt install libxml2-dev
 - # apt install libsqlite3-dev
- **Configurer faire compiler et mettre dans l'arborescence:**
 - # ./configure
 - # make
 - # make install

```
root@miora-TM1709:/home/miora/php-8.3.6# make install
Installing shared extensions:      /usr/local/lib/php/extensions/no-debug-non-zts-20230831/
Installing PHP CLI binary:        /usr/local/bin/
Installing PHP CLI man page:      /usr/local/php/man/man1/
Installing phpdbg binary:        /usr/local/bin/
Installing phpdbg man page:      /usr/local/php/man/man1/
Installing PHP CGI binary:       /usr/local/bin/
Installing PHP CGI man page:     /usr/local/php/man/man1/
Installing build environment:    /usr/local/lib/php/build/
Installing header files:         /usr/local/include/php/
Installing helper programs:      /usr/local/bin/
    program: phppize
    program: php-config
Installing man pages:            /usr/local/php/man/man1/
    page: phppize.1
    page: php-config.1
Installing PDO headers:          /usr/local/include/php/ext/pdo/
root@miora-TM1709:/home/miora/php-8.3.6#
```