



# Mysql - MariaDB

## Installation de mariadb (Ubuntu)

Installation package et configuration de base

```
sudo apt update && sudo apt upgrade
sudo apt install mariadb-server
sudo mysql_secure_installation
```

Ajout d'un utilisateur admin

```
sudo mysql

GRANT ALL ON *.* TO 'admin'@'localhost' IDENTIFIED BY 'password' WITH GRANT OPTION;

FLUSH PRIVILEGES;

exit
```

Create Database

```
DROP DATABASE IF EXISTS db_name;

CREATE DATABASE db_name;
```

Exemple gestion des erreurs

```
CREATE DATABASE db1;
Query OK, 1 row affected (0.18 sec)

CREATE DATABASE db1;
ERROR 1007 (HY000): Can't create database 'db1'; database exists

CREATE OR REPLACE DATABASE db1;
Query OK, 2 rows affected (0.00 sec)

CREATE DATABASE IF NOT EXISTS db1;
Query OK, 1 row affected, 1 warning (0.01 sec)

SHOW WARNINGS;
+-----+-----+-----+
| Level | Code | Message                                |
+-----+-----+-----+
| Note  | 1007 | Can't create database 'db1'; database exists |
+-----+-----+-----+
```

Ajout d'un commentaire

```
CREATE DATABASE presentations COMMENT 'Presentations for conferences';
```