

Creating Databases

CREATE DATABASE Syntax:

```
CREATE {DATABASE | SCHEMA} [IF NOT EXISTS] db_name  
    [create_specification] ...
```

create_specification:

```
    [DEFAULT] CHARACTER SET [=] charset_name  
    | [DEFAULT] COLLATE [=] collation_name  
    | DEFAULT ENCRYPTION [=] {'Y' | 'N'}
```

Create a new database:

```
mysql> CREATE DATABASE db_name;
```

List available databases:

```
mysql> SHOW DATABASES;
```

Select database for use:

```
mysql> USE db_name;
```

Show current selected database:

```
mysql> SELECT DATABASE();
```

Select database when logging in to MySQL:

```
mysql> mysql -u user -p db_name;
```

DROP DATABASE Syntax:

```
DROP {DATABASE | SCHEMA} [IF EXISTS] db_name
```

Delete an existing database:

```
mysql> DROP DATABASE db_name;
```

List available databases:

```
mysql> SHOW DATABASES;
```



Creating Databases

Using `mysqladmin` and `mysqlshow` from the Command Line

`mysqladmin` Syntax

```
shell> mysqladmin [options] command  
[command-arg] [command [command-arg]]  
...
```

`mysqlshow` Syntax

```
shell> mysqlshow [options] [db_name  
[tbl_name [col_name]]]
```

Create a database:

```
# mysqladmin -u root -p create db_name
```

Drop a Database:

```
# mysqladmin -u root -p drop db_name
```

List available databases:

```
# mysqlshow -u root -p
```

