

SQL ESTÁNDAR BÁSICO

SINTAXIS DDL

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Crear, seleccionar y eliminar una base de datos

- ▶ `mysql> SHOW DATABASES;`
- ▶ `mysql> CREATE DATABASE menagerie;`
- ▶ `mysql> USE menagerie`
 - ▶ Database changed
- ▶ `mysql> SELECT DATABASE();`
 - ▶ -> 'menagerie'
- ▶ `mysql> DROP DATABASE menagerie;`

Crear, seleccionar y eliminar una tabla

- ▶ `mysql> SHOW TABLES;`
 - ▶ Empty set (0.00 sec)
- ▶ `mysql> CREATE TABLE pet (name VARCHAR(20), owner VARCHAR(20), species VARCHAR(20), sex CHAR(1), birth DATE, death DATE);`
- ▶ `mysql> SHOW TABLES;`
- ▶ `mysql> DESCRIBE pet;`
- ▶ `mysql> DROP TABLE pet;`

Sintaxis Create Database

- ▶ CREATE {DATABASE | SCHEMA} [IF NOT EXISTS]
- ▶ *db_name* [*create_option*] ...
- ▶ *create_option*: [DEFAULT] {
- ▶ CHARACTER SET [=] *charset_name*
- ▶ | COLLATE [=] *collation_name*
- ▶ | ENCRYPTION [=] {'Y' | 'N'}
- ▶ }

Sintaxis Create Table

- ▶ CREATE [TEMPORARY] TABLE [IF NOT EXISTS] *tbl_name*
 - ▶ (*create_definition*,...)
- ▶ *create_definition*: {
 - ▶ *col_name column_definition* | {INDEX | KEY} [*index_name*] [*index_type*] (*key_part*,...) [*index_option*] ... | {FULLTEXT | SPATIAL} [INDEX | KEY] [*index_name*] (*key_part*,...) [*index_option*] ... | [CONSTRAINT [*symbol*]] PRIMARY KEY [*index_type*] (*key_part*,...) [*index_option*] ... | [CONSTRAINT [*symbol*]] UNIQUE [INDEX | KEY] [*index_name*] [*index_type*] (*key_part*,...) [*index_option*] ... | [CONSTRAINT [*symbol*]] FOREIGN KEY [*index_name*] (*col_name*,...) *reference_definition* | *check_constraint_definition*
 - ▶ }

Crear tablas con relación de FK

- ▶ CREATE TABLE artists
- ▶ (id INTEGER PRIMARY KEY,
- ▶ name TEXT
- ▶);

- ▶ CREATE TABLE tracks
- ▶ (traid INTEGER,
- ▶ title TEXT,
- ▶ artist INTEGER,
- ▶ FOREIGN KEY(artist) REFERENCES artists(id)
- ▶);