

DATU-BASEETAKO ERAGIKETA OHIKOAK¹

MySQL

(SQL. Datu-base Erlazionalak)

MongoDB

(NoSQL. Datu-base Dokument

| | |
|---|---|
| SHOW DATABASES; | show dbs or show databases |
| CREATE DATABASE db1; USE db1 | use db1 (ez badago, sortu egiten du) |
| CREATE TABLE t1(f1 INT PRIMARY KEY, f2 VARCHAR(10)); | db.createCollection("t1") (Baina ez da derrigorra sortzea) |
| SHOW TABLES; | show collections |
| INSERT INTO t1 VALUES (1, 'a'); | db.t1.insert({f1:1, f2:'a'}) (kolekzioa ez badago, sortu egiten du) db.collection.save() |
| SELECT * FROM t1; | db.t1.find() |
| DROP DATABASE db1; | Ezabatu nahi dugun datu-basean egonda: db.runCommand({dropDatabase:1}) o db.dropDatabase() |
| SELECT * FROM inventory; | db.inventory.find() ² o db.runCommand({find: "inventory"}) |
| SELECT * FROM inventory WHERE status = "D"; (query) | db.inventory.find({ status: "D" }) |
| SELECT status FROM inventory; (projection) | db.inventory.find({ }, { status:1 }) |
| SELECT COUNT(*) FROM inventory; | db.inventory.count() (Single Purpose Aggregation Operation) |
| SELECT DISTINCT category FROM inventory; | db.inventory.distinct("category") (Single Purpose Aggregation Operation) |
| ALTER TABLE people ADD join_date DATETIME | db.people.updateMany({ }, { \$set: { join_date: new Date() } }) |
| DELETE FROM Resultados WHERE candidato = "Melenchon"; | db.Resultados.remove({candidato: "Melenchon" |
| UPDATE Resultados SET x = 0 WHERE candidato = 'Macron'; | db.Resultados.updateOne({ candidato: "Macron"}, { \$set: { x: 0 } }) |
| SELECT * FROM inventory WHERE status in ("A", "D"); | db.inventory.find({ status: { \$in: ["A",] } }) |
| SELECT * FROM inventory WHERE status = "A" AND qty < 30; | db.inventory.find({ status: "A", qty: { \$l |
| SELECT * FROM inventory WHERE status = "A" OR qty < 30; | db.inventory.find({ \$or: [{ status: "A" } |

¹<https://docs.mongodb.com/manual/reference/sql-comparison/>²<https://docs.mongodb.com/manual/reference/method/db.collection.find/#db.collection.find>