MariaDB Commands Guide

1. Database Management

- CREATE DATABASE db_name;

- DROP DATABASE db_name;

- SHOW DATABASES;

- USE db_name;

2. Table Management

- CREATE TABLE table_name (column1 datatype, column2 datatype, ...);

- DROP TABLE table_name;

- RENAME TABLE old_name TO new_name;

- ALTER TABLE table_name ADD column_name datatype;

- ALTER TABLE table_name DROP COLUMN column_name;

- ALTER TABLE table_name MODIFY column_name new_datatype;

- ALTER TABLE table_name CHANGE old_name new_name datatype;

3. Data Manipulation

- INSERT INTO table_name (column1, column2, ...) VALUES (value1, value2, ...);

- SELECT * FROM table_name;

- SELECT column1, column2 FROM table_name WHERE condition;

- UPDATE table_name SET column1 = value1 WHERE condition;

- DELETE FROM table_name WHERE condition;

4. Column and Row Operations

- UPDATE table_name SET column = value WHERE condition;

- ALTER TABLE table_name RENAME COLUMN old_name TO new_name; -- For modern MariaDB

MariaDB Commands Guide

5. Indexes and Keys

- CREATE INDEX index_name ON table_name(column_name);

- DROP INDEX index_name ON table_name;

- ALTER TABLE table_name ADD PRIMARY KEY (column_name);

- ALTER TABLE table_name ADD UNIQUE (column_name);

6. Views and Stored Procedures

- CREATE VIEW view_name AS SELECT ...;

- DROP VIEW view_name;

- CREATE PROCEDURE proc_name(...) BEGIN ... END;

- CALL proc_name(...);

- DROP PROCEDURE proc_name;

7. User and Permission Management

- CREATE USER 'username'@'host' IDENTIFIED BY 'password';

- GRANT ALL PRIVILEGES ON db_name.* TO 'username'@'host';

- REVOKE ALL PRIVILEGES ON db_name.* FROM 'username'@'host';

- DROP USER 'username'@'host';

- SHOW GRANTS FOR 'username'@'host';

8. Utility Commands

- SHOW TABLES;

- DESCRIBE table_name;

- EXPLAIN SELECT * FROM table_name;

- SELECT VERSION();

MariaDB Commands Guide

- SELECT NOW();