

MariaDB: A drop in replacement of MySQL

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Introduction

- A branch of MySQL with more features
- A branch of MySQL with better features
- A fork
- A drop-in replacement
- Community developed
- Feature enhanced
- Backward Compatible

Why a Fork?

- GPLv2 vs GPLv3
- An Open Source Product vs an OpenSource Project
- Sun buys MySQL AB in 2008
- Oracle proposes acquisition of Sun Microsystems in 2009
- Monty decides that beyond the engine(February 2009) focus on MariaDB, a complete database solution with drop-in replacement for MySQL.

Who is behind MariaDB?

- MySQL (database) owned by MySQL AB (company)
- Monty Program is just a sponsor of MariaDB
- MariaDB: Open Database Alliance, Percona, PrimaBase, Open Query etc

DataBase Management System(DBMS)

- Database is simply a collection of data. In relational database, data is organized into tables.
- Database Management System (DBMS) is software to maintain and utilize the collections of data (Oracle, DB2, MySQL, PostgreSQL, MariaDB)

Aims

- Install MariaDB
- Create/Drop Database
- Create/Drop Table
- Populate Tables
- Update Tables
- Database Permissions
- Basic SQL Queries
- Backup/Restore Database

Lab

Check the WIKI page for the lab