

MariaDB MySQL

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- MARIADB
- MYSQL
- HISTORY
- OPEN-SOURCE

MARIADB — MORE THAN A MYSQL FORK

Since 2009: independent project, unique innovations, massive adoption



MariaDB unique features

Galera | ColumnStore | Temporal Tables | Spider Sequences | Aria | CONNECT | PL/SQL mode

Dual governance

Foundation (~20 staff) = open-source guardian
 Corporation (200+) = enterprise + commercial

75% of Fortune 500 | Default in major Linux distros | Wikipedia + DBS + WordPress
 Not a niche project — a pillar of global Internet infrastructure

Much more than a fork — an independent ecosystem with unique innovations

History

2009 Oracle Sun Microsystems Sun MySQL MySQL Monty Widenius
 MariaDB Oracle "MySQL" Oracle MariaDB

Comparison

MariaDB MySQL MySQL 5.7 / MariaDB 10.3

MariaDB MySQL

- Galera Cluster
- Aria ColumnStore Spider CONNECT MyRocks RocksDB
- SQL CREATE SEQUENCE
-
- Aria MyISAM
- CTE MySQL
- Oracle PL/SQL

MySQL MariaDB

- MySQL HeatWave
- Clone
- Group Replication / InnoDB Cluster
- MySQL Shell JavaScript/Python CLI
- Hash join MariaDB

MySQL MariaDB

MariaDB

MariaDB

20 MariaDB

MariaDB plc

200 MariaDB plc MariaDB Enterprise Server MaxScale SkySQL

- **75%** **500** MariaDB
- Debian Ubuntu Red Hat SUSE Arch Linux
- 2013 MySQL MariaDB
- MariaDB
- **WordPress.com** Automattic MariaDB
- **Google** MariaDB

MariaDB

MariaDB

ColumnStore OLTP InnoDB OLAP ColumnStore

```
SELECT * FROM orders FOR SYSTEM_TIME AS OF '2024-01-01' --
```

Spider

CONNECT CSV JSON XML Web SQL

" " "

2024 MariaDB MySQL Chrome Safari WebKit/KHTML

MariaDB

" "

MariaDB MySQL

" MySQL

[Medium](#)