Most Popular Open Source Databases

ByteByteGo

Cassandra

- ✓ Originally developed by Facebook
- ✓ Fault-tolerant distributed NoSQL DB
- ✓ High Performance & Scalable

MariaDB

- ✓ Fork of MySQL
- ✓ Relational database
- ✓ Transaction processing workloads

PostgreSQL

- ✓ Offers Full RDBMS Features
- ✓ ACID Compliant
- ✓ SQL query support

Neo4j
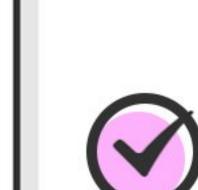
- ✓ NoSQL Graph Database
- ✓ ACID compliant
- ✓ Suitable for Knowledge graphs, GenAI apps

MySQL

- ✓ Most widely adopted open-source DB
- ✓ Relational database for OL TP
- ✓ Use for web app servers, cloud apps and enterprise apps

SQLite

- ✓ Lightweight embedded RDBMS
- ✓ Uses disk files
- ✓ Great for mobile apps, IOT devices, web browsers

CockroachDB

- ✓ Distributed SQL database
- ✓ Started as open-source. Now source available
- ✓ Scales horizontally & suitable for high-volume OLTP applications

Couchbase

- ✓ NoSQL database with multimodel capabilities
- ✓ Strong consistency, distributed ACID transactions
- ✓ Includes vector and full-text search capabilities

Redis

- ✓ NoSQL in-memory database
- ✓ Converted to source available in 2024
- ✓ Ideal for database query caching layer. Supports pub/sub as well

MongoDB

- ✓ NoSQL document databases
- ✓ Started as open source but moved to source available
- ✓ Supports versatile use-cases

Popular Open-Source Databases

cassandra · MariaDB · neo4j · PostgreSQL · SQLite · MySQL · CockroachDB · redis · mongoDB