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| Name | **MongoDB**[**X**](https://db-engines.com/en/system/Oracle) | **Oracle**[**X**](https://db-engines.com/en/system/MongoDB) |
| Description | One of the most popular document stores | Widely used [RDBMS](https://db-engines.com/en/article/RDBMS) |
| Primary database model | [Document store](https://db-engines.com/en/article/Document+Stores) | [Relational DBMS](https://db-engines.com/en/article/RDBMS) |
| Additional database models |  | [Document store](https://db-engines.com/en/article/Document+Stores) [Key-value store](https://db-engines.com/en/article/Key-value+Stores) |
| |  |  | | --- | --- | | [DB-Engines Ranking](https://db-engines.com/en/ranking) info | [ranking trend](https://db-engines.com/en/ranking_trend/system/MongoDB%3BOracle) | | [Trend Chart](https://db-engines.com/en/ranking_trend/system/MongoDB%3BOracle) | | |  |  |  | | --- | --- | --- | | Score | 330.95 | | | Rank | #5 | [Overall](https://db-engines.com/en/ranking) | |  | #1 | [Document stores](https://db-engines.com/en/ranking/document+store) | | |  |  |  | | --- | --- | --- | | Score | 1341.94 | | | Rank | #1 | [Overall](https://db-engines.com/en/ranking) | |  | #1 | [Relational DBMS](https://db-engines.com/en/ranking/relational+dbms) | |
| Website | [www.mongodb.com](https://www.mongodb.com/) | [www.oracle.com/­database/­index.html](https://www.oracle.com/database/index.html) |
| Technical documentation | [docs.mongodb.com/­manual](https://docs.mongodb.com/manual/) | [docs.oracle.com/­en/­database](https://docs.oracle.com/en/database/) |
| Developer | MongoDB, Inc | Oracle |
| Initial release | 2009 | 1980 |
| Current release | 3.6.1, December 2017 | 12 Release 2 (12.2.0.1), March 2017 |
| License info | Open Source info | commercial info |
| Cloud-based info | no | no |
| Implementation language | C++ | C and C++ |
| Server operating systems | Linux OS X Solaris Windows | AIX HP-UX Linux OS X Solaris Windows z/OS |
| Data scheme | schema-free info | yes info |
| Typing info | yes info | yes |
| XML support info |  | yes |
| Secondary indexes | yes | yes |
| SQL info | no | yes |
| APIs and other access methods | proprietary protocol using JSON | ODP.NET Oracle Call Interface (OCI) JDBC ODBC |
| Supported programming languages | Actionscript info C C# C++ Clojure info ColdFusion info D info Dart info Delphi info Erlang Go info Groovy info Haskell Java JavaScript Lisp info Lua info MatLab info Perl PHP PowerShell info Prolog info Python R info Ruby Scala Smalltalk info | C C# C++ Clojure Cobol Delphi Eiffel Erlang Fortran Groovy Haskell Java JavaScript Lisp Objective C OCaml Perl PHP Python R Ruby Scala Tcl Visual Basic |
| Server-side scripts info | JavaScript | PL/SQL info |
| Triggers | no | yes |
| Partitioning methods info | Sharding | horizontal partitioning info |
| Replication methods info | Master-slave replication | Master-master replication Master-slave replication |
| MapReduce info | yes | no info |
| Consistency concepts info | Eventual Consistency Immediate Consistency info | Immediate Consistency |
| Foreign keys info | no info | yes |
| Transaction concepts info | no info | ACID info |
| Concurrency info | yes | yes |
| Durability info | yes info | yes |
| In-memory capabilities info | yes info | yes info |
| User concepts info | Access rights for users and roles | fine grained access rights according to SQL-standard |