



MongoDB README

Welcome to MongoDB!

Components

- `mongod` - The database server.
- `mongos` - Sharding router.
- `mongo` - The database shell (uses interactive javascript).

Download MongoDB

- <https://www.mongodb.com/try/download/community>
- Using homebrew `brew tap mongodb/brew`
- Using docker image `docker pull mongo`

Building

See Building MongoDB.

Running

For command line options invoke:

```
1 $ ./mongod --help
```

To run a single server database:

```
1 $ sudo mkdir -p /data/db
2 $ ./mongod
3 $
4 $ # The mongo javascript shell connects to localhost and test database
   by default:
5 $ ./mongo
6 > help
```

Installing Compass

You can install compass using the `install_compass` script packaged with MongoDB:

```
1 $ ./install_compass
```

This will download the appropriate MongoDB Compass package for your platform and install it.

Drivers

Client drivers for most programming languages are available at <https://docs.mongodb.com/manual/applications/drivers/>.
Use the shell (`mongo`) for administrative tasks.

Bug Reports

See <https://github.com/mongodb/mongo/wiki/Submit-Bug-Reports>.

Packaging

Packages are created dynamically by the `buildscripts/packager.py` script. This will generate RPM and Debian packages.

Learn MongoDB

- Documentation - <https://docs.mongodb.com/manual/>
- Developer Center - <https://www.mongodb.com/developer/>
- MongoDB University - <https://learn.mongodb.com>

Cloud Hosted MongoDB

<https://www.mongodb.com/cloud/atlas>

Forums

- <https://mongodb.com/community/forums/>
Technical questions about using MongoDB.

-
- <https://mongodb.com/community/forums/c/server-dev>

Technical questions about building and developing MongoDB.

LICENSE

MongoDB is free and the source is available. Versions released prior to October 16, 2018 are published under the AGPL. All versions released after October 16, 2018, including patch fixes for prior versions, are published under the Server Side Public License (SSPL) v1. See individual files for details.