

Step 1: Create the data directory. Before you start MongoDB for the first time, create the directory to which the `mongod` process will write data. By default, the `mongod` process uses the `/data/db` directory. If you create a directory other than this one, you must specify that directory in the `dbpath` option when starting the `mongod` process later in this procedure.

The following example command creates the default `/data/db` directory:

```
mkdir -p /data/db
```

Step 2: Set permissions for the data directory. Before running `mongod` for the first time, ensure that the user account running `mongod` has read and write permissions for the directory.

Step 3: Run MongoDB. To run MongoDB, run the `mongod` process at the system prompt. If necessary, specify the path of the `mongod` or the data directory. See the following examples.

Run without specifying paths If your system `PATH` variable includes the location of the `mongod` binary and if you use the default data directory (i.e., `/data/db`), simply enter `mongod` at the system prompt:

```
mongod
```

Specify the path of the mongod If your `PATH` does not include the location of the `mongod` binary, enter the full path to the `mongod` binary at the system prompt:

```
<path to binary>/mongod
```

Specify the path of the data directory If you do not use the default data directory (i.e., `/data/db`), specify the path to the data directory using the `--dbpath` option:

```
mongod --dbpath <path to data directory>
```

Step 4: Begin using MongoDB. To help you start using MongoDB, MongoDB provides *Getting Started Guides* in various driver editions. See *getting-started* for the available editions.

Before deploying MongoDB in a production environment, consider the [Production Notes](#) (page 197) document.

Later, to stop MongoDB, press `Control+C` in the terminal where the `mongod` instance is running.

2.3.2 Install MongoDB on OS X

Overview

Use this tutorial to install MongoDB on OS X systems.

Platform Support

Starting in version 3.0, MongoDB only supports OS X versions 10.7 (Lion) on Intel x86-64 and later.

MongoDB is available through the popular OS X package manager [Homebrew](#)⁵ or through the [MongoDB Download site](#)⁶.

⁵<http://brew.sh/>

⁶<http://www.mongodb.org/downloads>