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Installing MongoDB

This tutorial has sections covering the following topics:

- [MacOS: Installing MongoDB](#)
- **Windows:** Instructions coming soon. Try following the [instructions provided by MongoDB](#).
- **Linux:** We assume you can figure this out yourself. See [MongoDB site](#).

If you have any trouble installing MongoDB, please [post to Piazza](#).

MacOS: Installing MongoDB

We will be mostly following the instructions from the [MongoDB website](#)

1) Install Homebrew

[Homebrew](#) is a package manager for MacOS that allows you to install command-line tools for Mac, similar to npm for NodeJS.

First install Homebrew if you don't have it already.

Run the following in a terminal:

```
$ /usr/bin/ruby -e "$(curl -fsSL https://raw.githubusercontent.com/Homebrew/install/master/install)"
```

2) Install MongoDB

Now install MongoDB via Homebrew.

Run the following in a terminal:

```
brew install mongodb
```

3) Create `/data/db`

The databases you create on your local machine via MongoDB will be stored by default in a directory called `/data/db`. You will need to [create this directory](#). Since it is a directory on root, you will need superuser permissions to create this directory.

Run the following command in a terminal (don't forget the first slash):

```
$ sudo mkdir -p /data/db/
```

4) Fix the permissions for `/data/db`

Run the following command in a terminal (don't forget the first slash):

```
$ sudo chown -R $USER /data/db
```

5) Try running `mongod` and accept incoming connections.

Now try running `mongod` :

```
$ mongod
```

This should start up the MongoDB server process until you kill it via Command-C.

If you get prompted on whether to accept incoming connections, **you should**.