

MongoDB Installation (MongoDB Community Edition)

Mac

[Instructions](#)

Install:

(NOTE: Install [homebrew](#) if not installed)

In a terminal:

```
$ xcode-select --install
$ brew tap mongodb/brew
$ brew install mongodb-community@6.0
```

(TAKE NOTE OF INSTALLATION DIRECTORY)

NOTE: homebrew installation includes binaries: mongod, mongosh, mongos

Default Installation directories:

	Intel Processor	M1 Processor
configuration file	/usr/local/etc/mongod.conf	/opt/homebrew/etc/mongod.conf
log directory	/usr/local/var/log/mongodb	/opt/homebrew/var/log/mongodb
data directory	/usr/local/var/mongodb	/opt/homebrew/var/mongodb

Run daemon manually (older option used in video):

- if using M1 chip:

```
$ sudo mongod --dbpath /opt/homebrew/var/mongodb
```
- if using Intel chip

```
$ sudo mongod --dbpath /usr/homebrew/var/mongodb
```

OR

Run daemon as MacOS service (simpler option):

- start:

```
$ brew services start mongodb-community@6.0
```
- stop:

```
$ brew services stop mongodb-community@6.0
```

Connect Shell:

(New Terminal Tab: ⌘ T) OR (New Terminal Window: ⌘ N)

In a second terminal:

```
$ mongosh
```

NOTE: This can be done in the same terminal as long as you remember the processes that you have running and can keep track of when they're open and closed

Windows

[Instructions](#)

- **Install MongoDB Server (mongod):**
 1. Download from [Downloads: MongoDB Community Server](#)
 - a. current version
 - b. Platform: Windows
 - c. Package: msi
 2. Installation Wizard:
 - a. Setup Type: Complete
 - b. Install MongoDB as a service: no
 - c. **Take note of INSTALLATION LOCATION (copy and paste somewhere)**
 - d. Install [MongoDB Compass](#): yes (**optional**, helpful tool (Graphic User Interface) if you use MongoDB for your own projects)
- **Install MongoDB Shell (mongosh):**
 1. Download from [Downloads: Shell](#)
 - a. Default version
 - b. Platform: Windows 64-bit (8.1+) (MSI)
 - c. Package: msi
 2. Installation Wizard:
 - a. **take note of INSTALLATION LOCATION (copy and paste somewhere)**

- **Create DB directory (if not created):**

```
cd C:\  
md "\\data\db"
```

- **Run:**

Set your **environment variable** for mongosh:

(NOTE: You can set this for a specific user and/or for the entire system)

1. Open windows environment variables in settings (type "environment variables" in search).
2. Click Environment Variables
3. Select Path
4. Click Edit

5. Click New
6. Add path for mongod from when you noted **INSTALLATION LOCATION**
(paste)
7. Add path for mongosh from when you noted **INSTALLATION LOCATION**
(paste)
8. Click OK, OK, OK
9. Close terminal and reopen with new environment variables.

In a terminal window:

```
> mongod
```

In a separate terminal window (open the same way as the first):

```
> mongosh
```