

MongoDB Installation

Ubuntu

1. Import the public key used by the package management system.

```
sudo apt-key adv --keyserver  
hkp://keyserver.ubuntu.com:80 --recv  
9DA31620334BD75D9DCB49F368818C72E52529D4
```

2. Create a list file for MongoDB.

Ubuntu 18.04 -

```
echo "deb [ arch=amd64 ]  
https://repo.mongodb.org/apt/ubuntu bionic/mongodb-  
org/4.0 multiverse" | sudo tee  
/etc/apt/sources.list.d/mongodb-org-4.0.list
```

Ubuntu 16.04 -

```
echo "deb [ arch=amd64,arm64 ]  
https://repo.mongodb.org/apt/ubuntu xenial/mongodb-  
org/4.0 multiverse" | sudo tee  
/etc/apt/sources.list.d/mongodb-org-4.0.list
```

3. Reload local package database.

```
sudo apt-get update
```

4. Install the MongoDB packages.

```
sudo apt-get install -y mongodb-org
```

5. Start MongoDB.

```
sudo service mongod start
```

6. Begin using MongoDB.

```
mongo
```

7. Stop MongoDB.

```
sudo service mongod stop
```

MacOS

1. Install Homebrew

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

2. Tap the MongoDB Homebrew Tap

```
brew tap mongodb/brew
```

3. Install MongoDB

```
brew install mongodb-community@4.0
```

4. Run MongoDB

```
brew services start mongodb
```

5. Connect and Use MongoDB

mongo

Windows

1. Download the MongoDB MSI Installer Package

download the current version of MongoDB and package server.

<https://www.mongodb.com/download-center/community>

2. Install MongoDB with the Installation Wizard

- a. Click Next to start installation.
- b. Accept the licence agreement then click Next.
- c. Select the Complete setup.
- d. Select “Run service as Network Service user” and make a note of the data directory, we’ll need this later.
- e. Click Install to begin installation.
- f. Hit Finish to complete installation.

3. Setup Alias Shortcuts for Mongo and Mongod

Once installation is complete, we’ll need to set up MongoDB on the local system.

- a. Open Start

- b. Type Environment Variables and click on edit environment variables and path
- c. Inside System variables, click on path
- d. In the next window click on new.
- e. Add a new path

`C:\Program Files\MongoDB\Server\{MongoDB Version}\bin`

Where MongoDB Version is the mongoDB version installed on your system

For e.g.

`C:\Program Files\MongoDB\Server\4.1\bin`

4. Verify That Setup was Successful

- a. Check by `mongo --version` or `mongod --version`