MongoDB Guide

Installing MongoDB (Windows)

* Download and run the .msi file from [www.mongodb.org/downloads](http://www.mongodb.org/downloads)
* Read and accept the end user agreement
* Select “Complete” from the “Choose Setup Type” window
* Select “Install MongoDB Compass” from the “Install MongoDB Compass” window and select next
* Install
* After the installation is complete select “Finish”
* Mongo Compass should automatically open and require you to accept the end user agreement
* Read and accept the end user agreement
* Select your preferred privacy settings and “Start Using Compass”
* Close Mongo Compass

Running MongoDB

* By default, MongoDB is installed at c:\Program Files\MongoDB\Server\<version>\
* The bin directory contains the executable file to run Mongo
* MongoDB requires a directory to store the data files and by default searches the C drive for a directory named \data\db
* Using the command line, navigate to the C drive and create the required \data\db directories
  + md \data\db
* Start Mongo using mongod.exe
  + Navigate to your installation’s bin directory (c:\Program Files\MongoDB\Server\<version>\bin\
  + Enter **mongod.exe**
* If successful, you should see the following text, “waiting for connections on port 27017”
* By default, Mongo listens on port 27017

Installing MongoDB (macOS)

Source: <https://docs.mongodb.com/manual/tutorial/install-mongodb-on-os-x/#run-mongodb>

1. Download the binaries from the MongoDB Download Center
2. Extract the files from the download archive
   * tar -zxvf mongodb-osx-ssl-x86\_64-3.6.4.tgz
3. Copy the extracted archive to the target directory
   * mkdir -p mongodb
   * cp -R -n mongodb-osx-ssl-x86\_64-3.6.4/ mongodb
4. Ensure the location of the binaries is in the PATH variable
   * export PATH=<mongodb-install-directory>/bin:$PATH

Run MongoDB (macOS)

1. Create the data directory
   * mkdir -p /data/db
2. Set permissions for the data directory
   * Ensure the user account running mongod has read and write permissions for the directory.
3. Run MongoDB (without specifying paths)
   * Mongod
4. Run MongoDB (specify the path of the mongod)
   * <path to binary>/mongod
5. Run MongoDB (specify the path to the data directory)
   * mongod --dbpath <path to data directory>
6. Verify that MongoDB has started
   * The output should be visible in the terminal or shell window
   * [initandlisten] waiting for connections on port 27017
7. Being using MongoDB
   * mongo --host 127.0.0.1:27017
8. Stop MongoDB
   * Control+C

MongoDB Connection Test

* Open Mongo Compass
* Connect to Host
  + Hostname: localhost
  + Port: 27017
  + Authentication: none
  + Replica Set Name: Leave it blank
  + Read Preference: Primary
  + SSL: None
  + SSH Tunnel: None
  + Favorite Name: Leave it blank
  + Connect
* There should be two active databases
  + admin
  + local

Uninstall Mongo

* Use Window’s Uninstall utility