

Steps to Install MongoDB

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

2. Select .zip option for Windows as shown below and click on Download

Select the server you would like to run:

The screenshot shows the MongoDB download center interface. At the top, there are two main options: 'MongoDB Community Server' (highlighted with a green bar and the text 'FEATURE RICH. DEVELOPER READY.') and 'MongoDB Enterprise' (with a grey bar and the text 'ADVANCED FEATURES'). Below these, there are three dropdown menus: 'Version' (set to '4.2.1 (current release)'), 'OS' (set to 'Windows x64 x64'), and 'Package' (set to 'ZIP'). A large green 'Download' button is positioned to the right of the 'Package' dropdown. Below the button, the download URL is displayed: https://fastdl.mongodb.org/win32/mongodb-win32-x86_64-2012plus-4.2.1.zip. On the right side of the interface, there is a vertical list of links: 'Release notes', 'Changelog', 'All version b', 'Installation i', 'Download s', and 'Download s'.

3. Move **mongodb-win32-x86_64-2012plus-4.2.1.zip** to C:\

4. Unzip the file

5. Create a folder called **"data"** in C:\

md data

6. Create a folder called **"db"** in C:\data

cd data

md db

7. Start the MongoDB server

cd

cd C:\mongodb-win32-x86_64-2012plus-4.2.1\bin

mongod

8. Observe the logs & it should start MongoDB on Port # 27017

```
2019-10-23T20:28:35.896-0700 I CONTROL [initandlisten] git version: 888390515874a9debd1b6c5d36559ca86b44babb
2019-10-23T20:28:35.897-0700 I CONTROL [initandlisten] OpenSSL version: OpenSSL 1.0.1u-fips 22 Sep 2016
2019-10-23T20:28:35.898-0700 I CONTROL [initandlisten] allocator: tcmalloc
2019-10-23T20:28:35.899-0700 I CONTROL [initandlisten] modules: none
2019-10-23T20:28:35.900-0700 I CONTROL [initandlisten] build environment:
2019-10-23T20:28:35.901-0700 I CONTROL [initandlisten] distmod: 2008plus-ssl
2019-10-23T20:28:35.902-0700 I CONTROL [initandlisten] distarch: x86_64
2019-10-23T20:28:35.903-0700 I CONTROL [initandlisten] target_arch: x86_64
2019-10-23T20:28:35.904-0700 I CONTROL [initandlisten] options: {}
2019-10-23T20:28:35.906-0700 I - [initandlisten] Detected data files in C:\data\db\ created by the 'wiredTiger' storage engine, so setting the active storage engine to 'wiredTiger'.
2019-10-23T20:28:35.907-0700 I STORAGE [initandlisten] wiredtiger_open config: create,cache_size=15805M,session_00,eviction=(threads_min=4,threads_max=4),config_base=false,statistics=(fast),log=(enabled=true,archive=true,path=journal,compressor=snappy),file_manager=(close_idle_time=100000),checkpoint=(wait=60,log_size=2GB),statistics_log=(wait=10)
2019-10-23T20:28:36.934-0700 I CONTROL [initandlisten] ** WARNING: Access control is not enabled for the database.
2019-10-23T20:28:36.935-0700 I CONTROL [initandlisten] ** Read and write access to data and configuration is unrestricted.
2019-10-23T20:28:36.936-0700 I CONTROL [initandlisten]
2019-10-23T23:28:37.411-0400 I FTDC [initandlisten] Initializing full-time diagnostic data capture with directory: C:\data\db\diagnostic.data
2019-10-23T23:28:37.414-0400 I NETWORK [thread1] waiting for connections on port 27017
```

9. Open another CMD prompt and go to Mongo Shell

```
# cd C:\mongodb-win32-x86_64-2012plus-4.2.1\bin
```

```
# mongo
```

10. The mongo shell prompt is “>”

Run the command: “show dbs” to see the list of databases

```
connecting to: mongodb://127.0.0.1:27017
MongoDB server version: 3.4.4
Server has startup warnings:
2019-10-23T20:28:36.934-0700 I CONTROL [initandlisten]
2019-10-23T20:28:36.934-0700 I CONTROL [initandlisten]
2019-10-23T20:28:36.935-0700 I CONTROL [initandlisten]
nrestricted.
2019-10-23T20:28:36.936-0700 I CONTROL [initandlisten]
> show dbs;
HelloMongoose  0.000GB
admin          0.000GB
empdb          0.000GB
local          0.000GB
mean-stack     0.000GB
tempdb         0.000GB
test           0.000GB
>
```

