

# MangoDB

1.访问官网地址是：MongoDB Download Center | MongoDB，一般下载 server 的 Community 版，对于一般开发人员来说已经够用了。

Select the server you would like to run:

**MongoDB Community Server**  
FEATURE RICH. DEVELOPER READY.

Version  
4.2.2 (current release) ▼

OS  
macOS x64 ▼

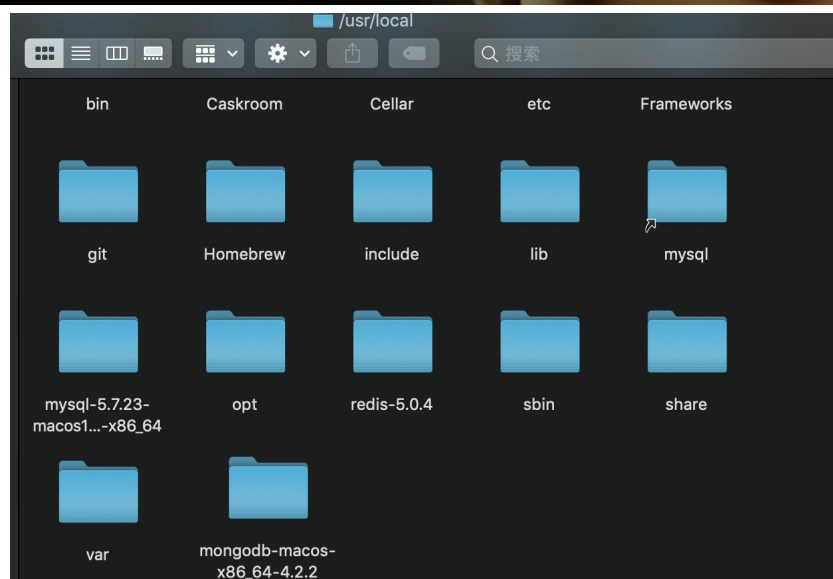
Package  
TGZ ▼

Download

[https://fastdl.mongodb.org/osx/mongodb-macos-x86\\_64-4.2.2.tgz](https://fastdl.mongodb.org/osx/mongodb-macos-x86_64-4.2.2.tgz)

2.点击“DOWNLOAD(tgz)”按钮，将解压后的文件放入 /usr/local，默认情况下在 Finder 中是看不到 /usr 这个目录的 打开终端 输入 `cd /usr` `open local` 即可

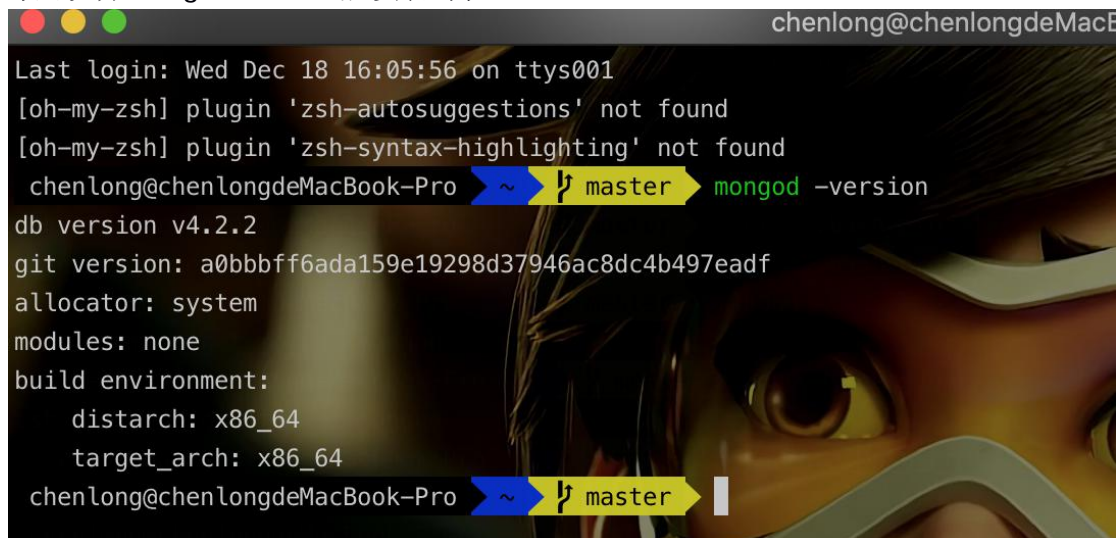
```
chenlong@chenlongdeMacBook-Pro ~ % cd /usr/local
chenlong@chenlongdeMacBook-Pro ~ % cd /usr
chenlong@chenlongdeMacBook-Pro ~ % ls
bin      lib      libexec  local    sbin     share    standalone
chenlong@chenlongdeMacBook-Pro ~ % open local
chenlong@chenlongdeMacBook-Pro ~ %
```



3.配置环境变量，打开终端，输入“open -e .bash\_profile”，在打开的文件中加入

```
export PATH=$PATH:/usr/local/mongodb-macos-x86_64-4.2.2/bin
```

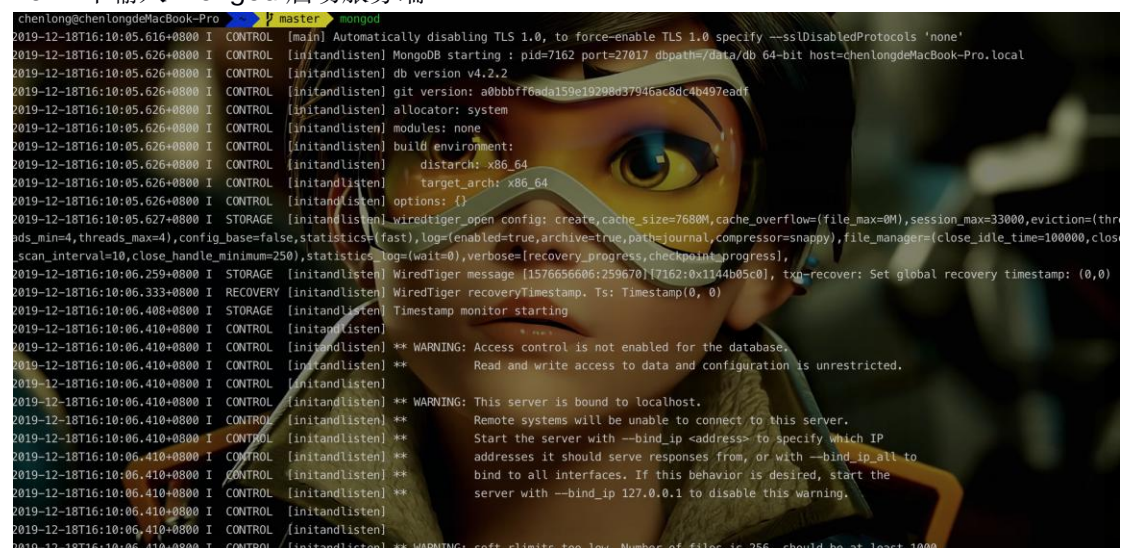
用 Command+S 保存配置，关闭上面的.bash\_profile 编辑窗口，然后在下图中输入"source .bash\_profile"使配置生效。输入"mongod -version"，回车后如果看到下面的版本号则说明 MongoDB 已经成功安装到了 Mac 上。



```
chenlong@chenlongdeMacBook-Pro ~ % source .bash_profile
Last login: Wed Dec 18 16:05:56 on ttys001
[oh-my-zsh] plugin 'zsh-autosuggestions' not found
[oh-my-zsh] plugin 'zsh-syntax-highlighting' not found
chenlong@chenlongdeMacBook-Pro ~ % mongod -version
db version v4.2.2
git version: a0bbbff6ada159e19298d37946ac8dc4b497eadf
allocator: system
modules: none
build environment:
  distarch: x86_64
  target_arch: x86_64
chenlong@chenlongdeMacBook-Pro ~ %
```

#### 4.运行

term 中输入 mongod 启动服务端

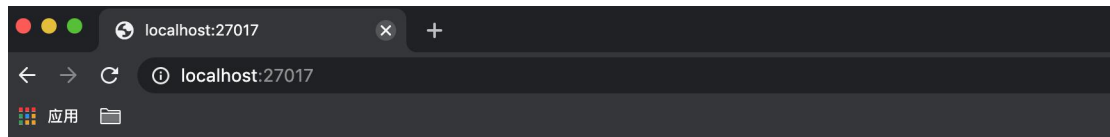


```
chenlong@chenlongdeMacBook-Pro ~ % mongod
2019-12-18T16:10:05.616+0800 I CONTROL [main] Automatically disabling TLS 1.0, to force-enable TLS 1.0 specify --sslDisabledProtocols 'none'
2019-12-18T16:10:05.626+0800 I CONTROL [initandlisten] MongoDB starting : pid=7162 port=27017 dbpath=/data/db 64-bit host=chenlongdeMacBook-Pro.local
2019-12-18T16:10:05.626+0800 I CONTROL [initandlisten] db version v4.2.2
2019-12-18T16:10:05.626+0800 I CONTROL [initandlisten] git version: a0bbbff6ada159e19298d37946ac8dc4b497eadf
2019-12-18T16:10:05.626+0800 I CONTROL [initandlisten] allocator: system
2019-12-18T16:10:05.626+0800 I CONTROL [initandlisten] modules: none
2019-12-18T16:10:05.626+0800 I CONTROL [initandlisten] build environment:
2019-12-18T16:10:05.626+0800 I CONTROL [initandlisten]   distarch: x86_64
2019-12-18T16:10:05.626+0800 I CONTROL [initandlisten]   target_arch: x86_64
2019-12-18T16:10:05.626+0800 I CONTROL [initandlisten] options: {}
2019-12-18T16:10:05.627+0800 I STORAGE [initandlisten] wiredtiger_open config: create,cache_size=7680M,cache_overflow=(file_max=0M),session_max=33000,eviction=(thr
ads_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,close
_scan_interval=10,close_handle_minimum=250),statistics_log=(wait=0),verbose=[recovery_progress,checkpoint_progress],
2019-12-18T16:10:06.259+0800 I STORAGE [initandlisten] WiredTiger message [1576656606:259670][7162:0x1144b05c0], txn-recover: Set global recovery timestamp: (0,0)
2019-12-18T16:10:06.333+0800 I RECOVERY [initandlisten] WiredTiger recoveryTimestamp. Ts: Timestamp(0, 0)
2019-12-18T16:10:06.408+0800 I STORAGE [initandlisten] Timestamp monitor starting
2019-12-18T16:10:06.410+0800 I CONTROL [initandlisten]
2019-12-18T16:10:06.410+0800 I CONTROL [initandlisten] ** WARNING: Access control is not enabled for the database.
2019-12-18T16:10:06.410+0800 I CONTROL [initandlisten] **      Read and write access to data and configuration is unrestricted.
2019-12-18T16:10:06.410+0800 I CONTROL [initandlisten]
2019-12-18T16:10:06.410+0800 I CONTROL [initandlisten] ** WARNING: This server is bound to localhost.
2019-12-18T16:10:06.410+0800 I CONTROL [initandlisten] **      Remote systems will be unable to connect to this server.
2019-12-18T16:10:06.410+0800 I CONTROL [initandlisten] **      Start the server with --bind_ip <address> to specify which IP
2019-12-18T16:10:06.410+0800 I CONTROL [initandlisten] **      addresses it should serve responses from, or with --bind_ip_all to
2019-12-18T16:10:06.410+0800 I CONTROL [initandlisten] **      bind to all interfaces. If this behavior is desired, start the
2019-12-18T16:10:06.410+0800 I CONTROL [initandlisten] **      server with --bind_ip 127.0.0.1 to disable this warning.
2019-12-18T16:10:06.410+0800 I CONTROL [initandlisten]
2019-12-18T16:10:06.410+0800 I CONTROL [initandlisten]
2019-12-18T16:10:06.410+0800 I CONTROL [initandlisten] ** WARNING: soft limits too low. Number of files is 256, should be at least 1000
```

5.我们需要在根目录下建一个文件夹

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

6.显示等候客户端连接的界面就代表启动成功了，如果不成功就检查下 /data/db 文件夹位置对不对，不行就重新删掉建一个， 打开浏览器，输入 localhost:27017 ， 会出现这样一行文字。



It looks like you are trying to access MongoDB over HTTP on the native driver port.

## 7.重新打开命令行输入 mongo

可以对数据库进行操作，要停止 **MongoDB** 的时候一定要正确的退出，不然下次再次连接数据库会出现问题，使用下面的两行代码可以完成这一操作。

```
use admin;  
db.shutdownServer();
```