

mongodb guide

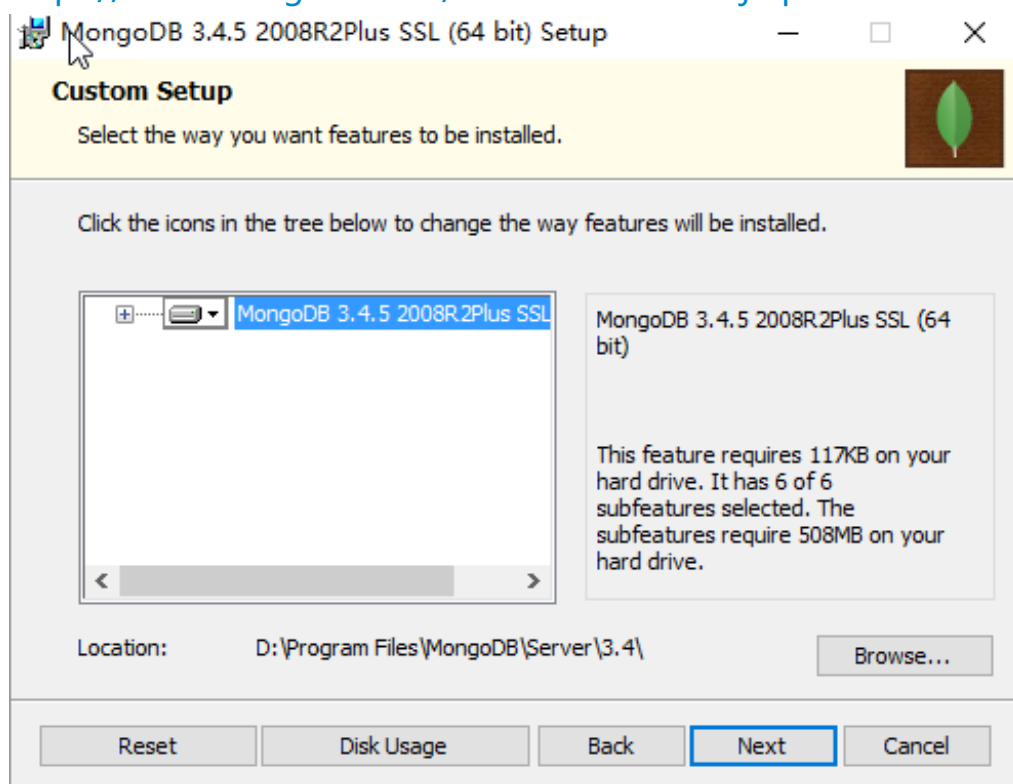
mongodb

官网网址

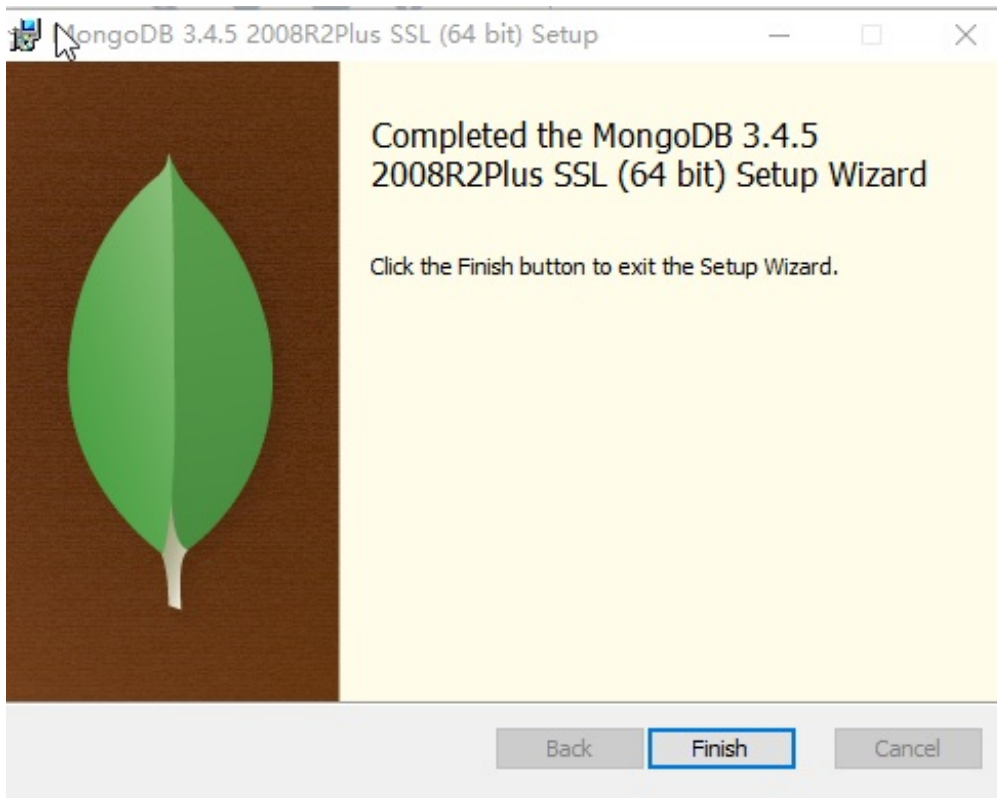
<https://www.mongodb.com/>

下载地址

<https://www.mongodb.com/download-center?jmp=nav#community>



点击finish 结束安装



mongodb 安装完成之后在桌面上没有任何显示

环境变量里面也没有自己加上
需要自己去加环境变量

我安装到了D:\Program Files\MongoDB\Server\3.4\bin

然后进入这个文件夹

按住shift 右键进 在此处进入命令行

如果想执行mongo 命令必须去 你安装的目录底下

D:\Program Files\MongoDB\Server\3.4\bin

执行

或者在其它地方

D:\Program Files\MongoDB\Server\3.4\bin\mongo

直接执行mongo.exe 是启动这个数据库

咱们想实现在任何地方都可以直接使用 mongo的命令

需要配置环境变量

第二步

<http://jingyan.baidu.com/article/6b97984dbeef881ca2b0bf3e.html?qq-pf-to=pcqq.group>

安装完成之后数据库默认不启动的

启动mongodb服务

第一步：先启动数据库

mongod 启动数据库

mongod --dbpath f:\data

```
D:\Program Files\MongoDB\Server\3.4\bin>mongod --dbpath f:\data
2017-07-06T10:08:37.466+0800 I CONTROL [initandlisten] MongoDB starting : pid=4500 port=27017 dbpath=f:\data 64-bit h
t=MrDong
2017-07-06T10:08:37.469+0800 I CONTROL [initandlisten] targetMinOS: Windows 7/Windows Server 2008 R2
2017-07-06T10:08:37.472+0800 I CONTROL [initandlisten] db version v3.4.5
2017-07-06T10:08:37.474+0800 I CONTROL [initandlisten] git version: 520b8f3092c48d934f0cd78ab5f40fe594f96863
2017-07-06T10:08:37.477+0800 I CONTROL [initandlisten] OpenSSL version: OpenSSL 1.0.1u-fips 22 Sep 2016
2017-07-06T10:08:37.479+0800 I CONTROL [initandlisten] allocator: tcmalloc
2017-07-06T10:08:37.482+0800 I CONTROL [initandlisten] modules: none
2017-07-06T10:08:37.484+0800 I CONTROL [initandlisten] build environment:
2017-07-06T10:08:37.487+0800 I CONTROL [initandlisten] distmod: 2008plus-ssl
2017-07-06T10:08:37.491+0800 I CONTROL [initandlisten] distarch: x86_64
2017-07-06T10:08:37.493+0800 I CONTROL [initandlisten] target_arch: x86_64
2017-07-06T10:08:37.496+0800 I CONTROL [initandlisten] options: { storage: { dbPath: "f:\data" } }
2017-07-06T10:08:37.507+0800 I - [initandlisten] Detected data files in f:\data created by the 'wiredTiger' stor
ge engine, so setting the active storage engine to 'wiredTiger'.
2017-07-06T10:08:37.511+0800 I STORAGE [initandlisten] wiredtiger_open config: create,cache_size=3542M,session_max=20
0,eviction=(threads_min=4,threads_max=4),config_base=false,statistics=(fast),log=(enabled=true,archive=true,path=journ
,compressor=snappy),file_manager=(close_idle_time=100000),checkpoint=(wait=60,log_size=2GB),statistics_log=(wait=0),
2017-07-06T10:08:39.060+0800 I CONTROL [initandlisten]
搜狗拼音输入法 全 : 062+0800 I CONTROL [initandlisten] ** WARNING: Access control is not enabled for the database
```

第二步：

执行mongo进入数据库

mongo

```
D:\Program Files\MongoDB\Server\3.4\bin>mongo
MongoDB shell version v3.4.5
connecting to: mongodb://127.0.0.1:27017
MongoDB server version: 3.4.5
Welcome to the MongoDB shell.
For interactive help, type "help".
For more comprehensive documentation, see
    http://docs.mongodb.org/
Questions? Try the support group
    http://groups.google.com/group/mongodb-user
Server has startup warnings:
2017-07-06T10:08:39.060+0800 I CONTROL [initandlisten]
2017-07-06T10:08:39.062+0800 I CONTROL [initandlisten] ** WARNING:
2017-07-06T10:08:39.067+0800 I CONTROL [initandlisten] **
restricted.
2017-07-06T10:08:39.071+0800 I CONTROL [initandlisten]
>
```

此时就是mongo的 shell 环境了

最后出现一个 >

在这个> 后面输入mongo shell 命令

db 是查看你当前选择了哪个数据库，默认是test

use fe7 切换你当前的数据库，如果这个数据库不存在，就创建这个数据库

db.qianduan 使用这个集合，如果这个集合不存在，就创建这个集合

show collections 查看集合

下面这个命令是往这个集合插入数据

```
db.qianduan.insert({"name":"效荣","age":18,"sex":"man"});
```

查询所有数据

```
db.find({});
```

按照条件查询关于 name 为 xiaorong的所有数据

```
db.qianduan.find({"name":"xiaorong"});
```

也可以在可视化工具里面执行 shell 命令

```
use fe7
```

switched to db fe7

```
db
fe7
db.qianduan
fe7.qianduan
db.qianduan.insert({"name":"效荣","age":18,"sex":"man"})
```

```
2017-07-06T10:16:33.104+0800 I CONTROL [initandlisten]
> db
test
> use fe7
switched to db fe7
> db
fe7
> show collections
qianduan
> db.qianduan.insert({"name":"xiaorong","age":18});
WriteResult({ "nInserted" : 1 })
> db.qianduan.find({})
{ "_id" : ObjectId("595d9cb9ef318df15dbe8dcf"), "name" : "效荣", "age" : 18, "sex" : "man" }
{ "_id" : ObjectId("595d9ddec4cbd30bcc1e2c46"), "name" : "xiaorong", "age" : 18 }
>
> db.qianduan.find({"name":"xiaorong"});
2017-07-06T10:24:31.326+0800 E QUERY [thread1] SyntaxError: missing ) after argument list @(shell):1:18
> db.qianduan.find({"name":"xiaorong"});
{ "_id" : ObjectId("595d9ddec4cbd30bcc1e2c46"), "name" : "xiaorong", "age" : 18 }
> db
fe7
> show collections
qianduan
```

D:\Program Files\MongoDB\Server\3.4\bin 的目录

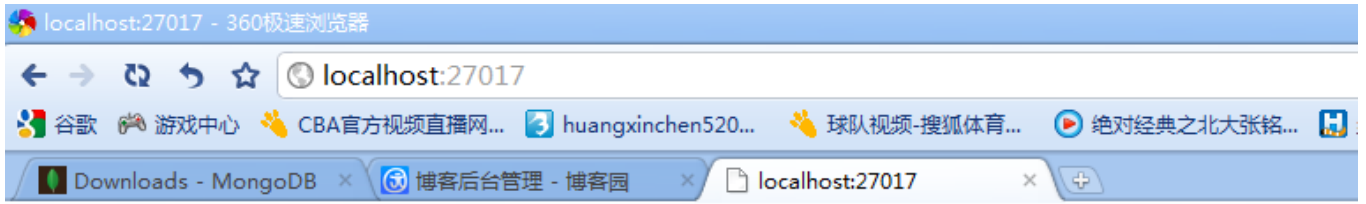
```
2017/07/06 09:40 <DIR> .
2017/07/06 09:40 <DIR> ..
2017/06/13 21:40      7,349,759 bsondump.exe
2016/12/19 18:30      2,000,384 libeay32.dll
2017/06/13 21:52     11,289,088 mongo.exe
2017/06/13 21:56     27,119,104 mongod.exe
2017/06/13 21:56    255,356,928 mongod.pdb
2017/06/13 21:42      9,459,782 mongodump.exe
2017/06/13 21:41      7,612,020 mongoexport.exe
2017/06/13 21:41      7,524,964 mongofiles.exe
2017/06/13 21:41      7,706,790 mongoimport.exe
2017/06/13 21:43      7,349,831 mongooplog.exe
2017/06/13 21:57     23,397,376 mongoperf.exe
2017/06/13 21:42     10,803,428 mongorestore.exe
2017/06/13 21:56     13,963,264 mongos.exe
2017/06/13 21:56    126,545,920 mongos.pdb
2017/06/13 21:40      7,679,843 mongostat.exe
2017/06/13 21:43      7,483,725 mongotop.exe
2016/12/19 18:30      325,120 ssleay32.dll
      17 个文件      532,967,326 字节
      2 个目录 12,510,367,744 可用字节
```

D:\Program Files\MongoDB\Server\3.4\bin>

D:\Program Files\MongoDB\Server\3.4\bin>mongo.exe

MongoDB shell version v3.4.5

connecting to: mongodb://127.0.0.1:27017



You are trying to access MongoDB on the native driver port. For http diagnostic access, add 100



可视化工具

mongodbbootster

<https://mongobooster.com/downloads>