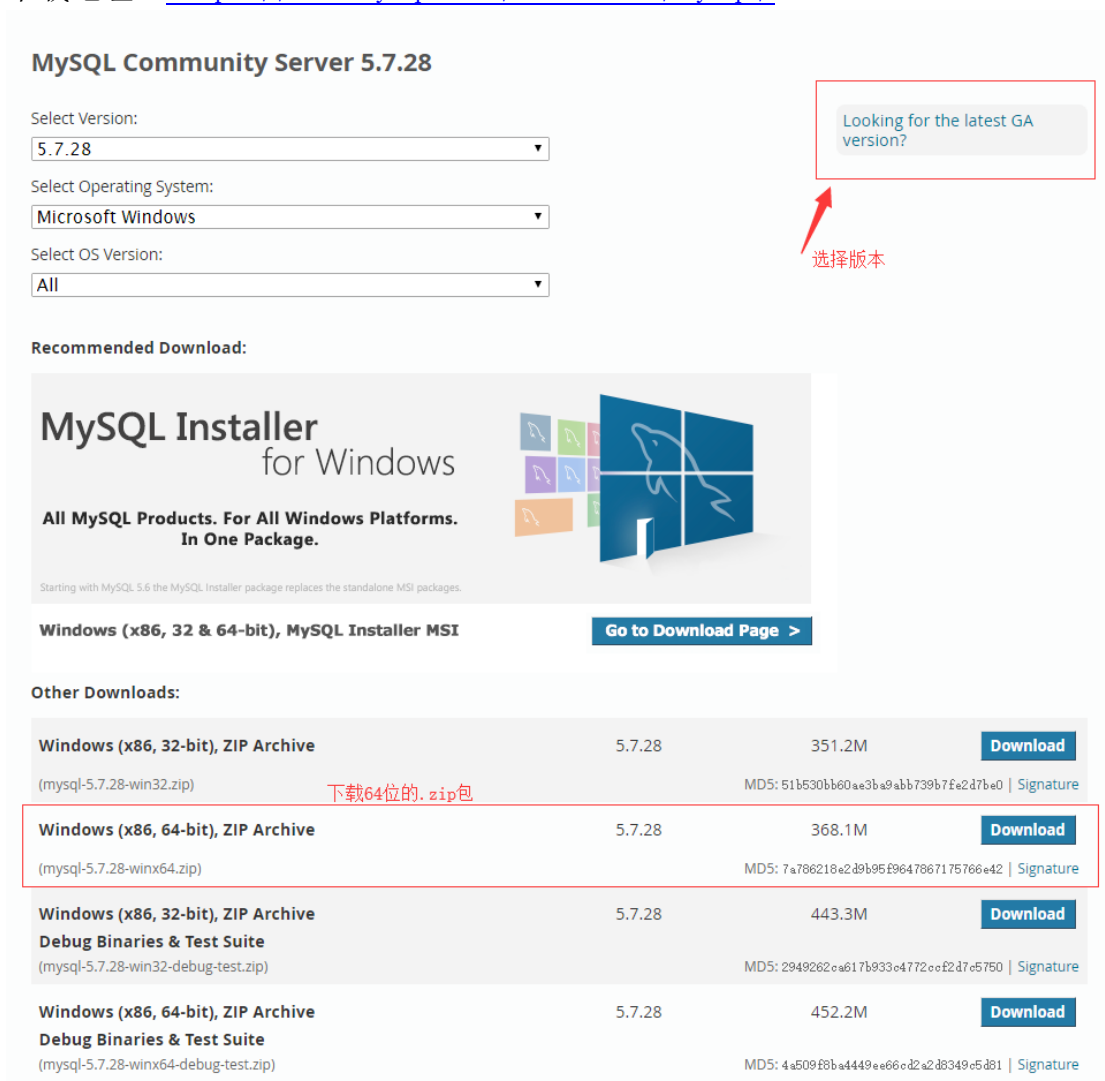


## Windows mysql5.7 安装教程

### 1. 下载

下载地址: <https://dev.mysql.com/downloads/mysql/>



**MySQL Community Server 5.7.28**

Select Version:  
5.7.28

Select Operating System:  
Microsoft Windows

Select OS Version:  
All

Looking for the latest GA version?

选择版本

**Recommended Download:**

**MySQL Installer for Windows**

All MySQL Products. For All Windows Platforms. In One Package.

Starting with MySQL 5.6 the MySQL Installer package replaces the standalone MSI packages.

Windows (x86, 32 & 64-bit), MySQL Installer MSI

Go to Download Page >

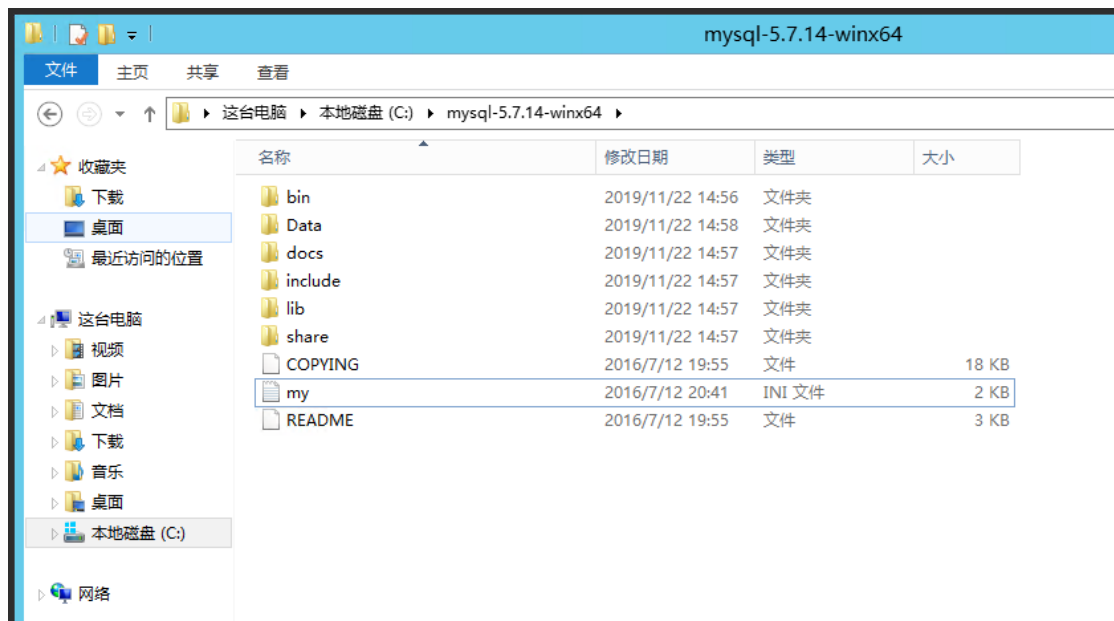
**Other Downloads:**

Download	Version	Size	Action
Windows (x86, 32-bit), ZIP Archive (mysql-5.7.28-win32.zip)	5.7.28	351.2M	Download
Windows (x86, 64-bit), ZIP Archive (mysql-5.7.28-winx64.zip)	5.7.28	368.1M	Download
Windows (x86, 32-bit), ZIP Archive Debug Binaries & Test Suite (mysql-5.7.28-win32-debug-test.zip)	5.7.28	443.3M	Download
Windows (x86, 64-bit), ZIP Archive Debug Binaries & Test Suite (mysql-5.7.28-winx64-debug-test.zip)	5.7.28	452.2M	Download

下载64位的.zip包

### 2. 解压

将下好的压缩包解压到某一个目录, 这里是 C:\mysql-5.7.14-winx64, 并创建 data 文件夹, 将 my-default.ini 重命名为 my.ini, 如图:



### 3. my.ini 配置修改

[mysqld]

basedir = C:\mysql-5.7.14-winx64

datadir = C:\mysql-5.7.14-winx64\data

port = 3306

bind-address= 127.0.0.1

# 允许最大连接数

max\_connections = 200

# 服务端使用的字符集默认为 8 比特编码的 latin1 字符集

character-set-server = utf8

# 创建新表时将使用的默认存储引擎

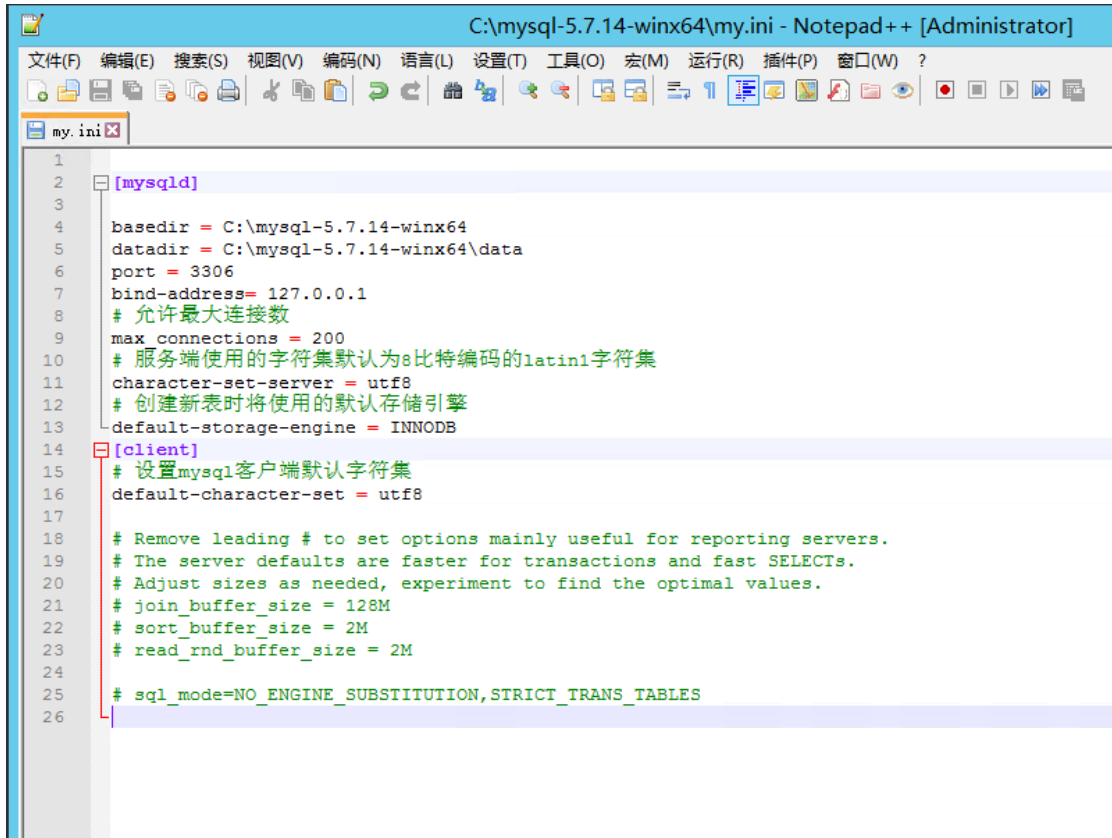
default-storage-engine = INNODB

[client]

# 设置 mysql 客户端默认字符集

default-character-set = utf8

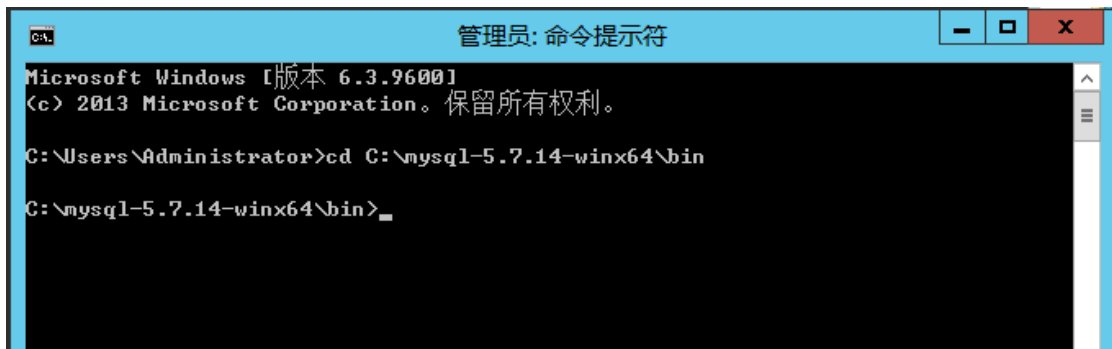
如图：



```
1
2 [mysqld]
3
4 basedir = C:\mysql-5.7.14-winx64
5 datadir = C:\mysql-5.7.14-winx64\data
6 port = 3306
7 bind-address = 127.0.0.1
8 # 允许最大连接数
9 max_connections = 200
10 # 服务端使用的字符集默认为8比特编码的latin1字符集
11 character-set-server = utf8
12 # 创建新表时将使用的默认存储引擎
13 default-storage-engine = INNODB
14 [client]
15 # 设置mysql客户端默认字符集
16 default-character-set = utf8
17
18 # Remove leading # to set options mainly useful for reporting servers.
19 # The server defaults are faster for transactions and fast SELECTs.
20 # Adjust sizes as needed, experiment to find the optimal values.
21 # join_buffer_size = 128M
22 # sort_buffer_size = 2M
23 # read_rnd_buffer_size = 2M
24
25 # sql_mode=NO_ENGINE_SUBSTITUTION,STRICT_TRANS_TABLES
26
```

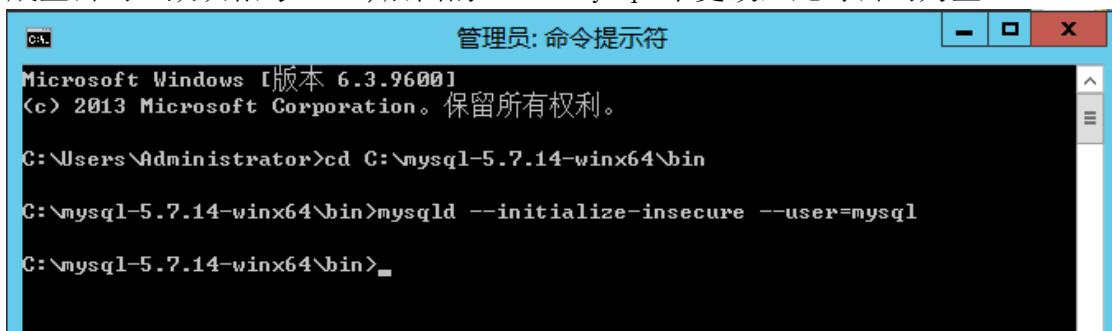
#### 4. 安装 mysql 服务

1. 以管理员身份命令 cmd，进入 bin 目录



```
C:\Users\Administrator>cd C:\mysql-5.7.14-winx64\bin
C:\mysql-5.7.14-winx64\bin>
```

2. 输入 `mysql --initialize-insecure --user=mysql` 回车，使用 `--initialize` 生成随机密码，由于自己学习，使用 `--initialize-insecure` 生成空密码。默认帐号 `root`，后面的 `--user=mysql` 不更改，此时密码为空。



```
C:\Users\Administrator>cd C:\mysql-5.7.14-winx64\bin
C:\mysql-5.7.14-winx64\bin>mysql --initialize-insecure --user=mysql
C:\mysql-5.7.14-winx64\bin>
```

3. 再输入 `mysql install`，回车。

```
管理员: 命令提示符
Microsoft Windows [版本 6.3.9600]
(c) 2013 Microsoft Corporation。保留所有权利。

C:\Users\Administrator>cd C:\mysql-5.7.14-winx64\bin

C:\mysql-5.7.14-winx64\bin>mysqld --initialize-insecure --user=mysql

C:\mysql-5.7.14-winx64\bin>mysqld install
Service successfully installed.

C:\mysql-5.7.14-winx64\bin>
```

4. 再输入 net start mysql，回车启动服务

```
管理员: 命令提示符
Microsoft Windows [版本 6.3.9600]
(c) 2013 Microsoft Corporation。保留所有权利。

C:\Users\Administrator>cd C:\mysql-5.7.14-winx64\bin

C:\mysql-5.7.14-winx64\bin>mysqld --initialize-insecure --user=mysql

C:\mysql-5.7.14-winx64\bin>mysqld install
Service successfully installed.

C:\mysql-5.7.14-winx64\bin>net start mysql
MySQL 服务正在启动。
MySQL 服务已经启动成功。

C:\mysql-5.7.14-winx64\bin>
```

5. 再输入 mysql -uroot -p，回车，再回车。由于刚才设置了没有密码，所以第二下不用输密码，直接回车。

```
管理员: 命令提示符 - mysql -uroot -p
C:\mysql-5.7.14-winx64\bin>mysqld --initialize-insecure --user=mysql

C:\mysql-5.7.14-winx64\bin>mysqld install
Service successfully installed.

C:\mysql-5.7.14-winx64\bin>net start mysql
MySQL 服务正在启动 .
MySQL 服务已经启动成功。

C:\mysql-5.7.14-winx64\bin>mysql -uroot -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 2
Server version: 5.7.14 MySQL Community Server (GPL)

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affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql>
```

5. 配置系统变量

控制面板->系统和安全->系统->高级系统设置->环境变量->系统变量->Path->编辑, 将 mysql 下的 bin 目录的全路径放在后面。再打开 cmd, 输入 mysql -uroot -p。

```
管理员: C:\Windows\system32\cmd.exe - mysql -uroot -p
Microsoft Windows [版本 6.3.9600]
(c) 2013 Microsoft Corporation。保留所有权利。

C:\Users\Administrator>mysql -uroot -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 3
Server version: 5.7.14 MySQL Community Server (GPL)

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affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql>
```

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