

一. mysql 8 本地安装教程

<https://dev.mysql.com/downloads/mysql/>

1. 官网下载

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Generally Available (GA) Releases

MySQL Community Server 8.0.15

Select Operating System:
Microsoft Windows

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Recommended Download:

MySQL Installer
for Windows

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

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

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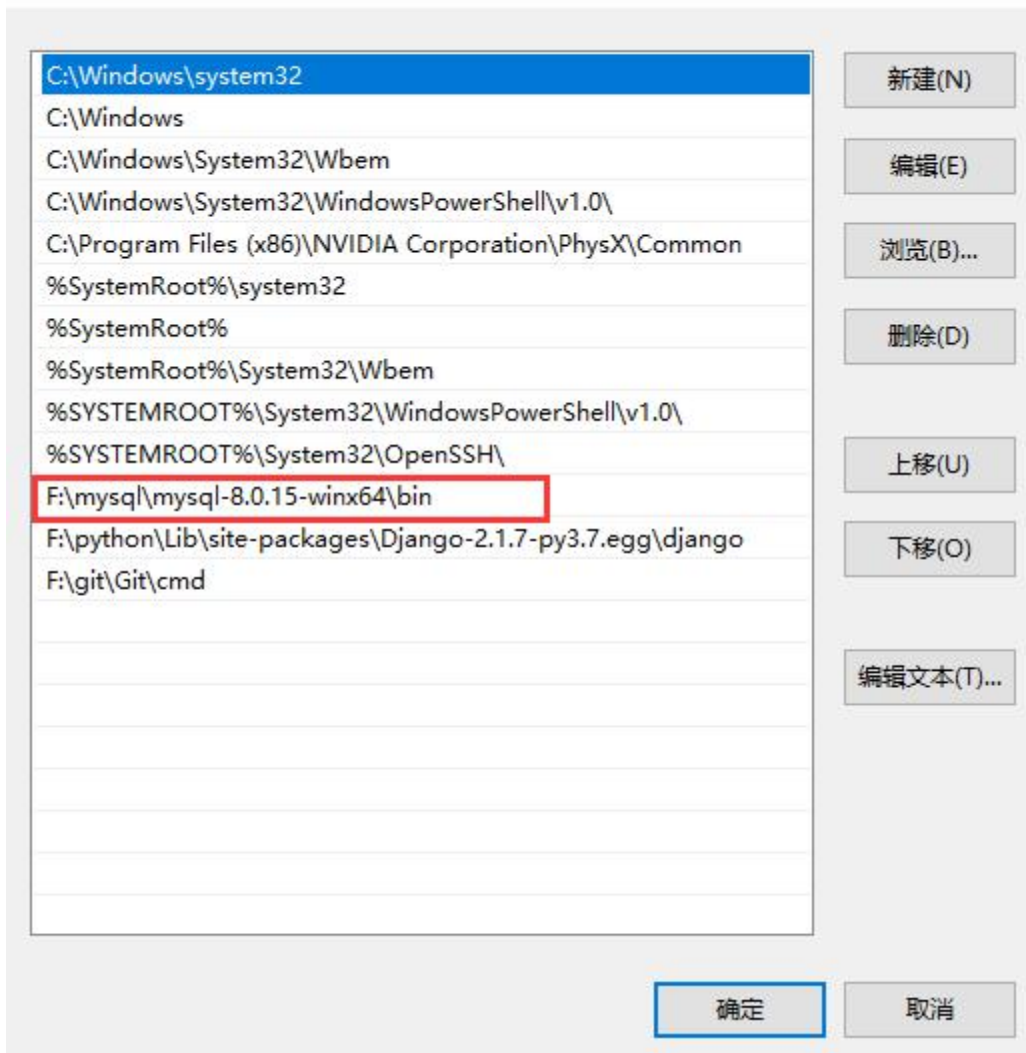
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下载完成后解压
解压完是这个样子

此电脑 > 本地磁盘 (F:) > mysql > mysql-8.0.15-winx64 >			
名称	修改日期	类型	大小
bin	2019/1/26 9:29	文件夹	
Data	2019/3/18 23:09	文件夹	
docs	2019/1/26 9:28	文件夹	
etc	2019/1/26 9:28	文件夹	
include	2019/1/26 9:28	文件夹	
lib	2019/1/26 9:29	文件夹	
run	2019/1/26 9:28	文件夹	
share	2019/1/26 9:28	文件夹	
var	2019/1/26 9:28	文件夹	
LICENSE	2019/1/26 6:33	文件	328 KB
LICENSE.router	2019/1/26 6:33	ROUTER 文件	100 KB
README	2019/1/26 6:33	文件	1 KB
README.router	2019/1/26 6:33	ROUTER 文件	1 KB

2.配置系统环境变量



3.配置初始化的 my.ini 文件的文件

解压后的目录并没有的 my.ini 文件，没关系可以自行创建在安装根目录下添加的 my.ini（新建文本文件，将文件类型改为了.ini），写入基本配置(复制进去就行)：

```
[mysqld]
```

```
# 设置 3306 端口
```

```
port=3306
```

```
# 设置 mysql 的安装目录
```

```
basedir=C:\Program Files\MySQL
```

```
# 设置 mysql 数据库的数据的存放目录
```

```
datadir=C:\Program Files\MySQL\Data
```

```
# 允许最大连接数
```

```
max_connections=200
```

```
# 允许连接失败的次数。
```

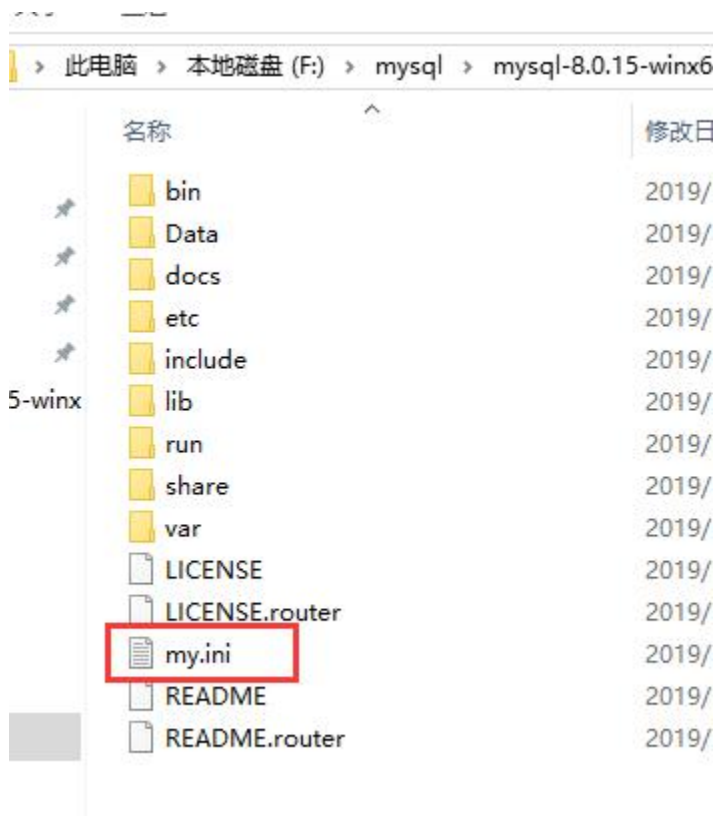
```
max_connect_errors=10
```

```
# 服务端使用的字符集默认为 UTF8
```

```
character-set-server=utf8
```

```
# 创建新表时将使用的默认存储引擎
```

```
default-storage-engine=INNODB
# 默认使用“mysql_native_password”插件认证
#mysql_native_password
default_authentication_plugin=mysql_native_password
[mysql]
# 设置mysql客户端默认字符集
default-character-set=utf8
[client]
# 设置mysql客户端连接服务端时默认使用的端口
port=3306
default-character-set=utf8
```



4.管理员权限 CMD

在 MySQL 的安装目录的根目录下执行命令：

```
mysqld --initialize --console
```

```
C:\Windows\System32\cmd.exe
Microsoft Windows [版本 10.0.17134.165]
(c) 2018 Microsoft Corporation。保留所有权利。

C:\Program Files\MySQL>cd bin

C:\Program Files\MySQL\bin>mysqld --initialize --console
2018-08-15T09:39:48.251781Z 0 [System] [MY-013169] [Server] C:\Program Files\MySQL\bin\mysqld.exe (mysqld 8.0.12) initializing of server in progress as process 18992
2018-08-15T09:39:52.253051Z 5 [Note] [MY-010454] [Server] A temporary password is generated for root@localhost: 9P0gYk-70,kT
2018-08-15T09:39:54.829040Z 0 [System] [MY-013170] [Server] C:\Program Files\MySQL\bin\mysqld.exe (mysqld 8.0.12) initializing of server has completed

C:\Program Files\MySQL\bin>_
```

红框为初始密码

5. 安装服务

mysqld --install [服务名]（服务名可以不加默认为 mysql）

```
C:\Program Files\MySQL\bin>mysqld --install
Service successfully installed.

C:\Program Files\MySQL\bin>
```

6. 服务安装成功之后通过命令 net start mysql 启动 MySQL 的服务

```
C:\Program Files\MySQL\bin>net start mysql
MySQL 服务正在启动。
MySQL 服务已经启动成功。

C:\Program Files\MySQL\bin>_
```

7.navicat

新建的MySQL的连接



出现密码字符错误如下

8.如果 Navicat Premium 12 连接 MySQL 数据库出现 Authentication plugin 'caching_sha2_password' cannot be loaded 的解决方案(密码错误)

1. 管理员权限运行命令提示符，登陆 MySQL
mysql -u root -p

```
C:\WINDOWS\system32>mysql -u root -p
Enter password: ****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 90
Server version: 8.0.11 MySQL Community Server - GPL

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```

2.修改账户密码加密规则并更新用户密码

ALTER USER 'root'@'localhost' IDENTIFIED BY 'password' PASSWORD EXPIRE NEVER; #修改加密规则

ALTER USER 'root'@'localhost' IDENTIFIED WITH mysql_native_password BY 'password'; #更新一下用户的密码

```
mysql> ALTER USER 'root'@'localhost' IDENTIFIED BY 'password' PASSWORD EXPIRE NEVER;
Query OK, 0 rows affected (0.09 sec)

mysql> ALTER USER 'root'@'localhost' IDENTIFIED WITH mysql_native_password BY 'password';
Query OK, 0 rows affected (0.08 sec)
https://blog.csdn.net/u011182575
```

3.刷新权限并重置密码

FLUSH PRIVILEGES; #刷新权限

```
mysql> FLUSH PRIVILEGES;
Query OK, 0 rows affected (0.01 sec)
```

再重置下密码: alter user 'root'@'localhost' identified by '111111';

```
mysql> alter user 'root'@'localhost' identified by '111111';
Query OK, 0 rows affected (0.07 sec)
sdn.net/u011182575
```