

MYSQL 及 MYSQL workbench 安装指南 (windows)

1. MYSQL 安装

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

推荐使用最新版本

MySQL Community Server 8.0.28

Select Operating System: [Looking for previous GA versions?](#)

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:

Windows (x86, 64-bit), ZIP Archive (mysql-8.0.28-winx64.zip)	8.0.28	211.7M	Download
Windows (x86, 64-bit), ZIP Archive Debug Binaries & Test Suite (mysql-8.0.28-winx64-debug-test.zip)	8.0.28	506.3M	Download

We suggest that you use the MD5 checksums and GnuPG signatures to verify the integrity of the packages you download.

将下载的压缩包解压到一个目录

配置环境变量

右键桌面的电脑图标-属性-高级系统设置-环境变量-新建

系统

查看有关计算机的基本信息

Windows 版本

Windows 10 家庭中文版

© 2019 Microsoft Corporation. 保留所有权利。

系统

处理器: Intel(R) Core(TM) i7-8750H CPU @ 2.20GHz 2.21 GHz

已安装的内存(RAM): 8.00 GB (7.86 GB 可用)

系统类型: 64 位操作系统, 基于 x64 的处理器

笔和触控: 没有可用于此显示器的笔或触控输入

计算机名、域和工作组设置

计算机名: DESKTOP-U3VE9NI

计算机全名: DESKTOP-U3VE9NI

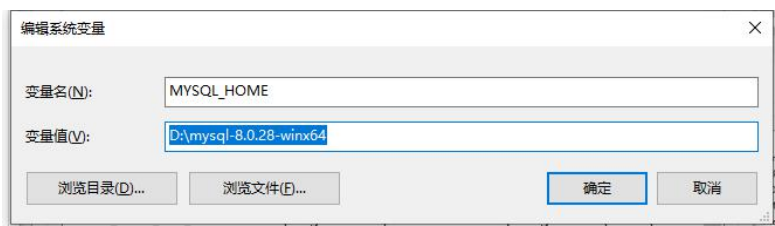
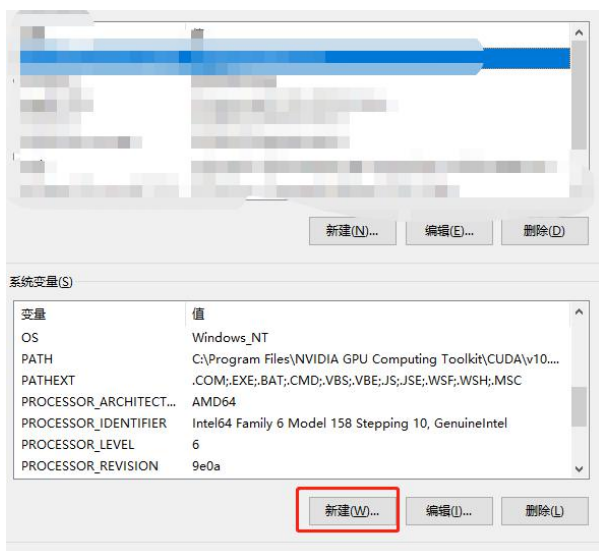
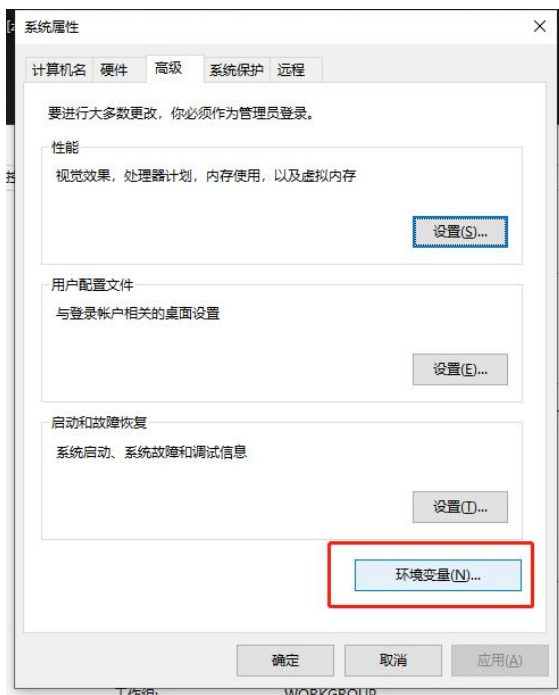
计算机描述:

工作组: WORKGROUP

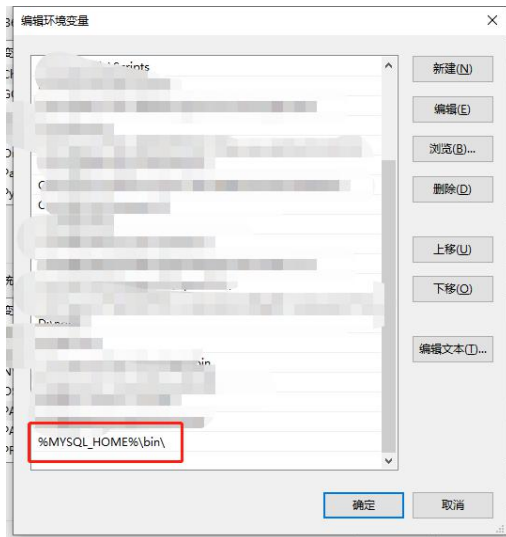
Windows 激活

Windows 已激活 [阅读 Microsoft 软件许可条款](#)

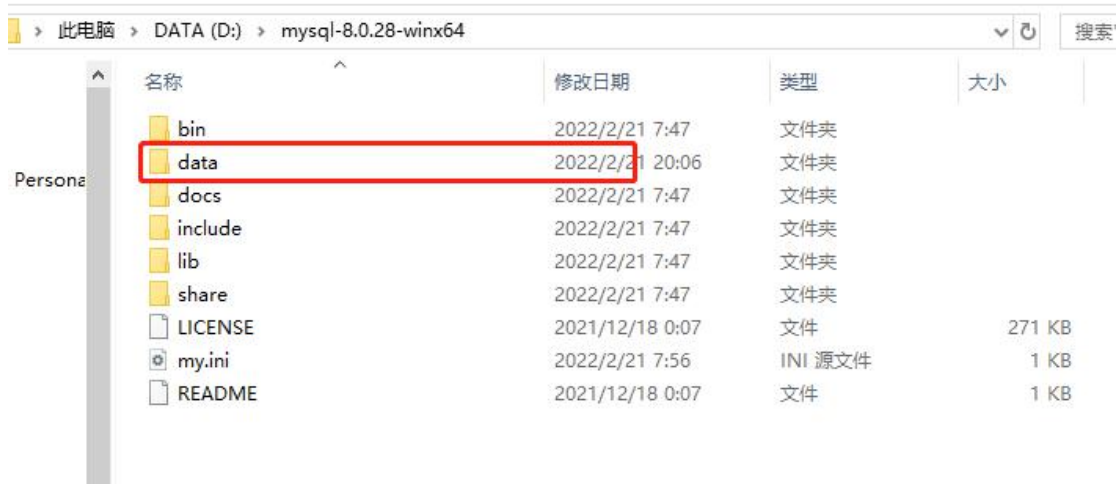
产品 ID: 00342-30262-00002-AAOEM



变量名为：MYSQL_HOME，路径是刚刚解压的路径。
在系统变量中找到 path，点击【编辑】添加%MYSQL_HOME%\bin\



新建一个存放数据库的文件夹 data



在安装根目录下生成一个 my.ini（用记事本创建，修改后缀名）
写入如下配置信息：

```
[mysqld]
# 设置 3306 端口
port=3306
# 设置 mysql 的安装目录
basedir=D:\mysql-8.0.28-winx64
# 设置 mysql 数据库的数据的存放目录
datadir=D:\mysql-8.0.28-winx64\data
# 允许最大连接数
max_connections=200
# 允许连接失败的次数。这是为了防止有人从该主机试图攻击数据库系统
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
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
```

搜索 cmd 右键 以管理员身份运行!



输入: `mysqld install` 命令

当出现 `Service successfully installed` 时表示 mysql 服务安装完成

```
C:\WINDOWS\system32>mysqld install
Service successfully installed.

C:\WINDOWS\system32>_
```

2. Mysql 初始化

在 cmd 执行命令: `mysqld --initialize --console`

执行完成后, 会打印 root 用户的初始默认密码

其中 `root@localhost:`后面的字符串就是初始密码 (不含首位空格)。在没有更改密码前, 需要记住这个密码, 后续登录需要用到。

安装完成之后, 即可以通过命令 `net start mysql` 启动 MySQL 的服务

执行 `mysql -u root -p` 命令, 然后输入之前保存的密码, 即可进入 mysql 界面

```
C:\WINDOWS\system32>mysql -u root -p
Enter password: *****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 10
Server version: 8.0.28 MySQL Community Server - GPL

Copyright (c) 2000, 2022, Oracle and/or its affiliates.

Oracle is a registered trademark of Oracle Corporation and/or its
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> _
```

执行如下命令即可更改数据库密码 (将密码更新为 123456)

```
alter user user() identified by "123456";
```

输入 `exit;`即可退出 mysql

```
C:\WINDOWS\system32>mysql -u root -p
Enter password: *****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 11
Server version: 8.0.28 MySQL Community Server - GPL

Copyright (c) 2000, 2022, Oracle and/or its affiliates.

Oracle is a registered trademark of Oracle Corporation and/or its
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> exit;
Bye
```

3. MySQL workbench 安装

下载链接: <https://dev.mysql.com/downloads/workbench/>


建议用与 mysql 相配的版本

General Availability (GA) Releases Archives

MySQL Workbench 8.0.28

Select Operating System:
Microsoft Windows

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:

Windows (x86, 64-bit), MSI Installer	8.0.28	42.7M	Download
<small>(mysql-workbench-community-8.0.28-win64.msi) MD5: e3d54e81094283082134f021349 Signature</small>			

 We suggest that you use the MD5 checksums and GnuPG signatures to verify the integrity of the packages you download.

ORACLE © 2022, Oracle Corporation and/or its affiliates

MySQL Workbench 8.0 CE - Setup Wizard



Welcome to the Setup Wizard for MySQL Workbench 8.0 CE


The Setup Wizard will allow you to modify, repair, or remove MySQL Workbench 8.0 CE. To continue, click Next.

< Back **Next >** Cancel

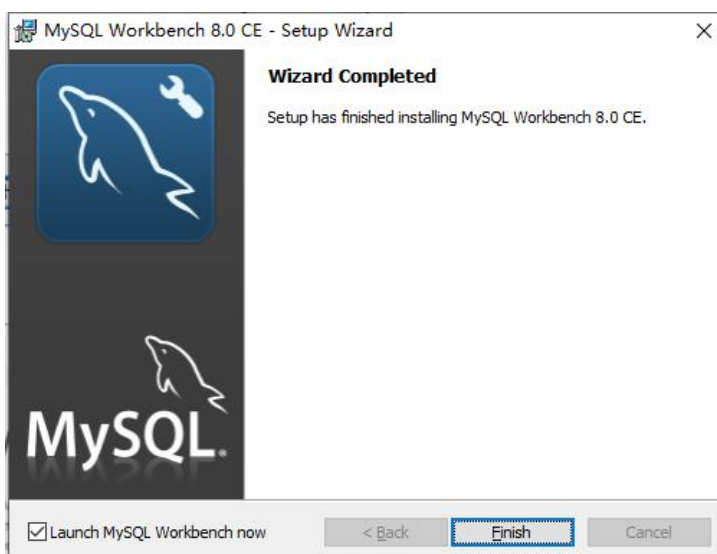
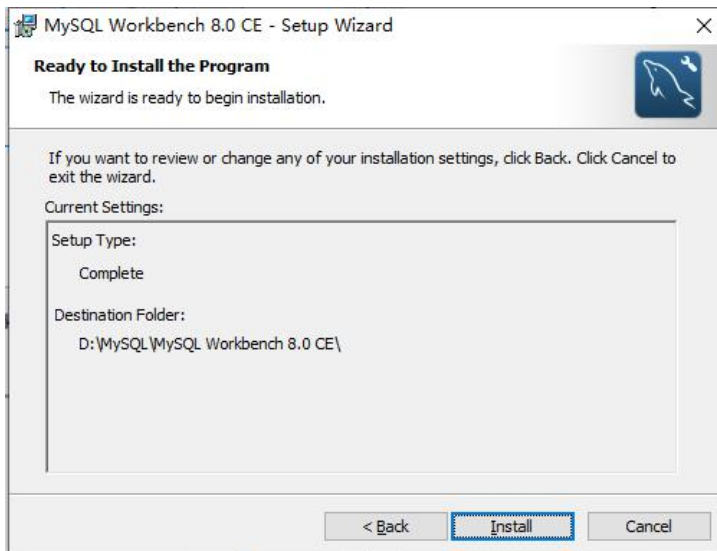
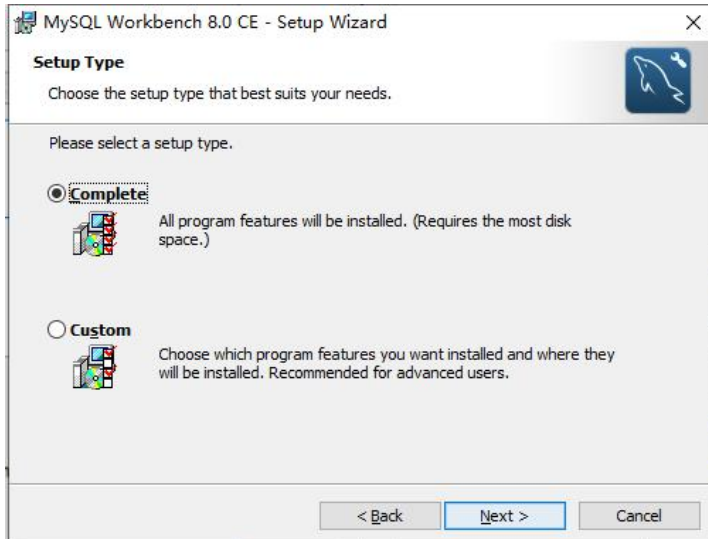
MySQL Workbench 8.0 CE - Setup Wizard

Destination Folder

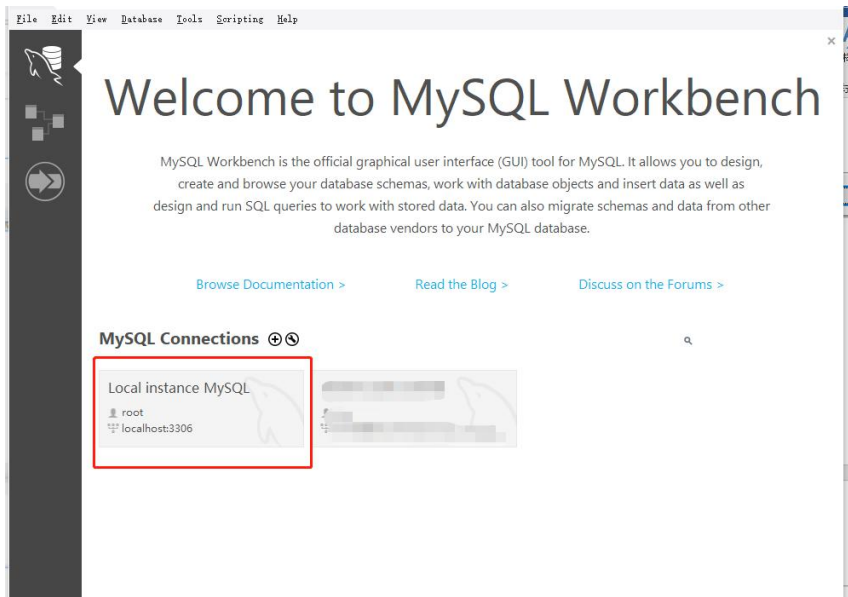
Click Next to install to this folder, or click Change to install to a different folder.

 Install MySQL Workbench 8.0 CE to:
D:\MySQL\MySQL Workbench 8.0 CE\ [Change...](#)

< Back **Next >** Cancel



至此 MySQL workbench 安装完成。
通过 workbench 即可连接 mysql，对 mysql 进行操作。



比如通过如下操作即可创建 test 数据库。

