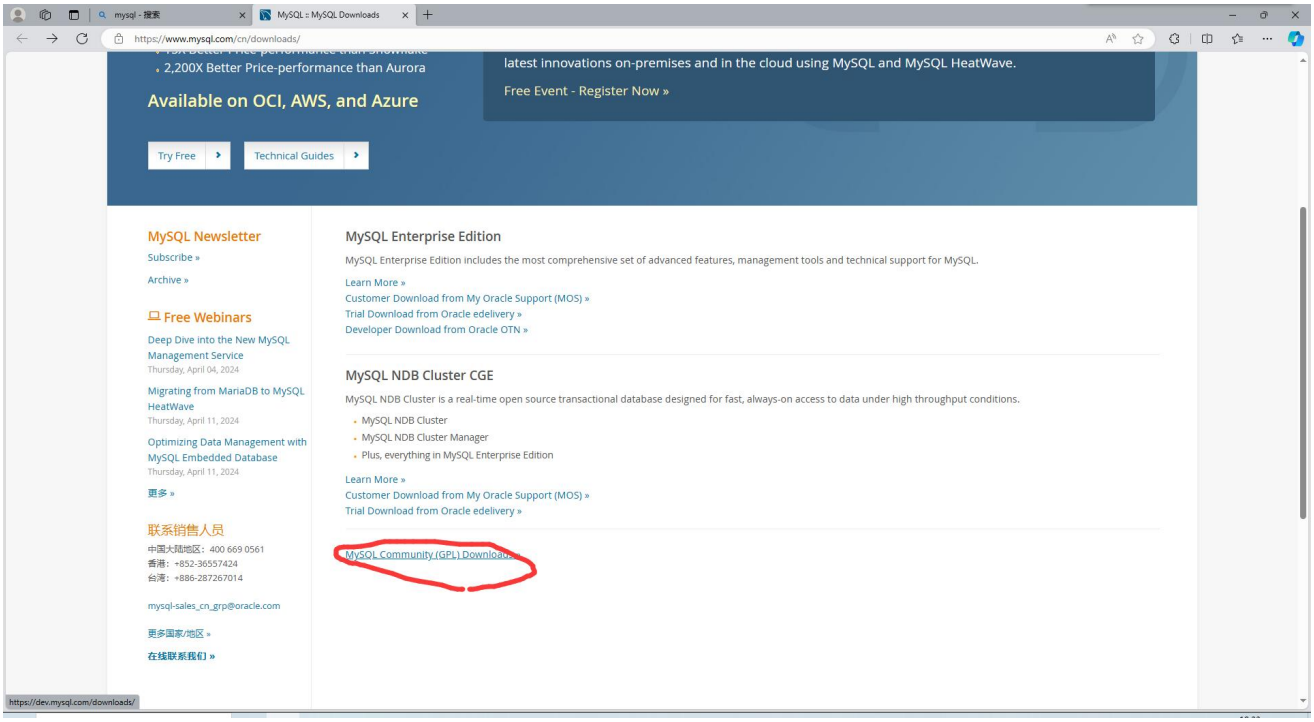
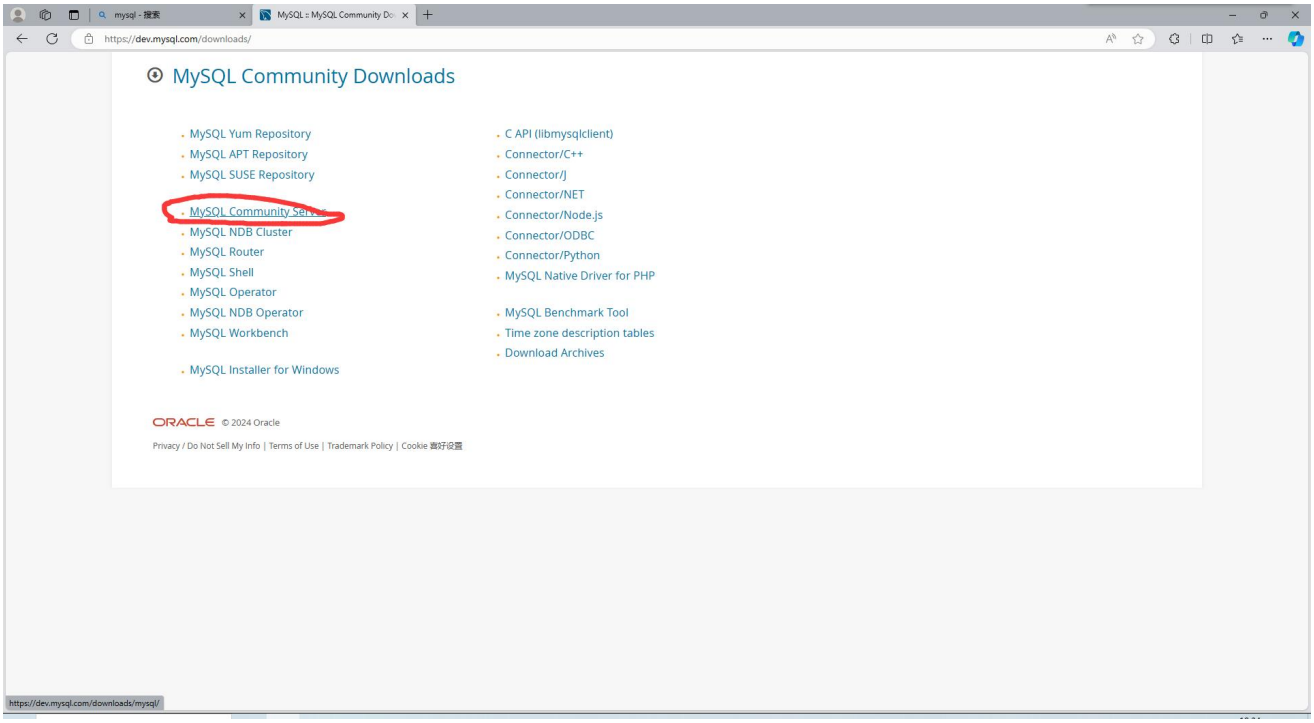
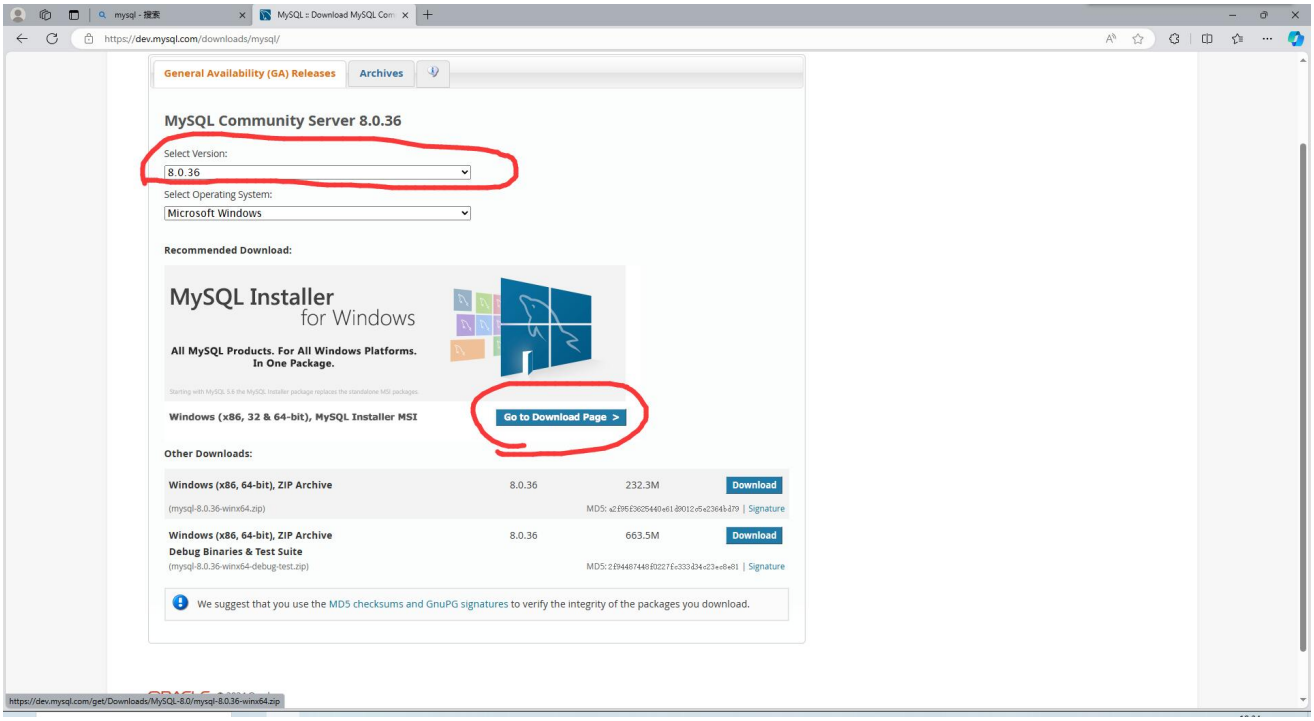
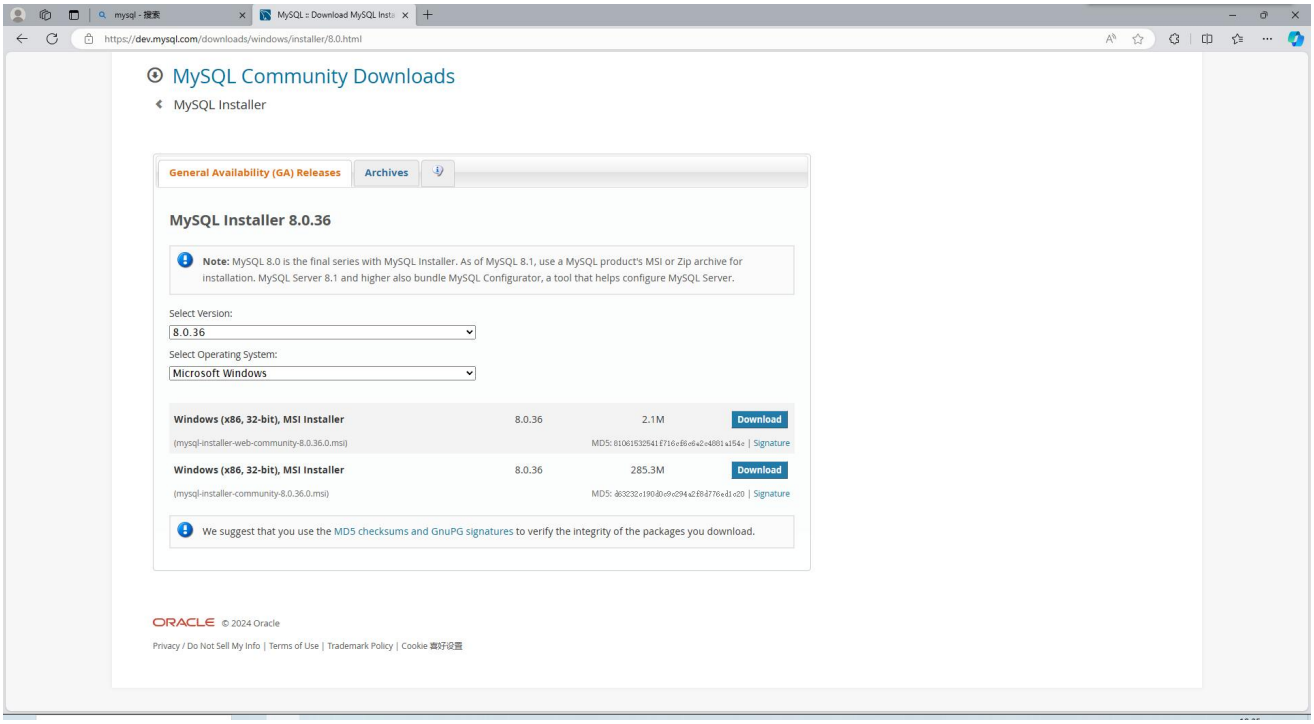
安装mysql：MySQL :: MySQL Downloads



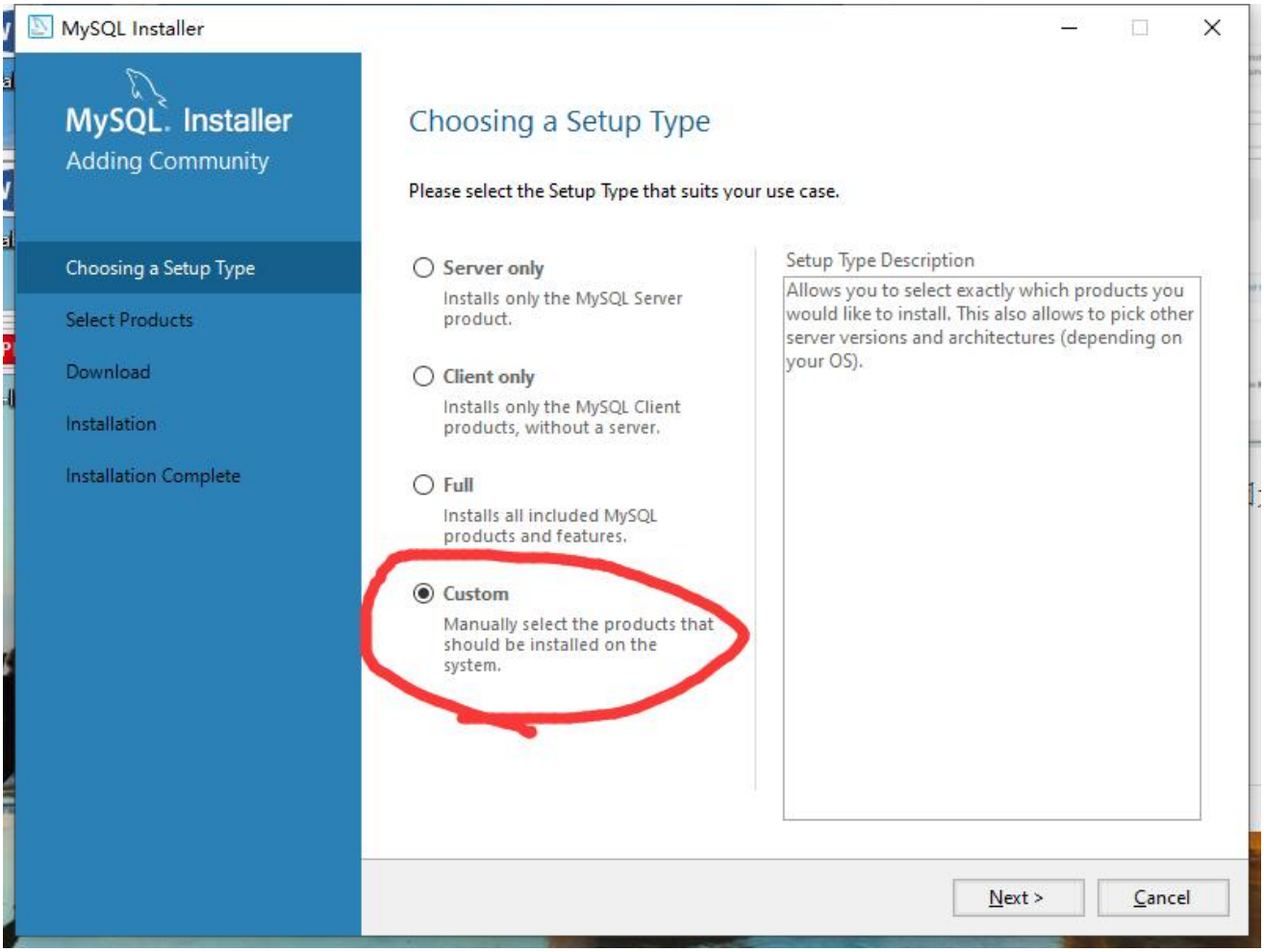


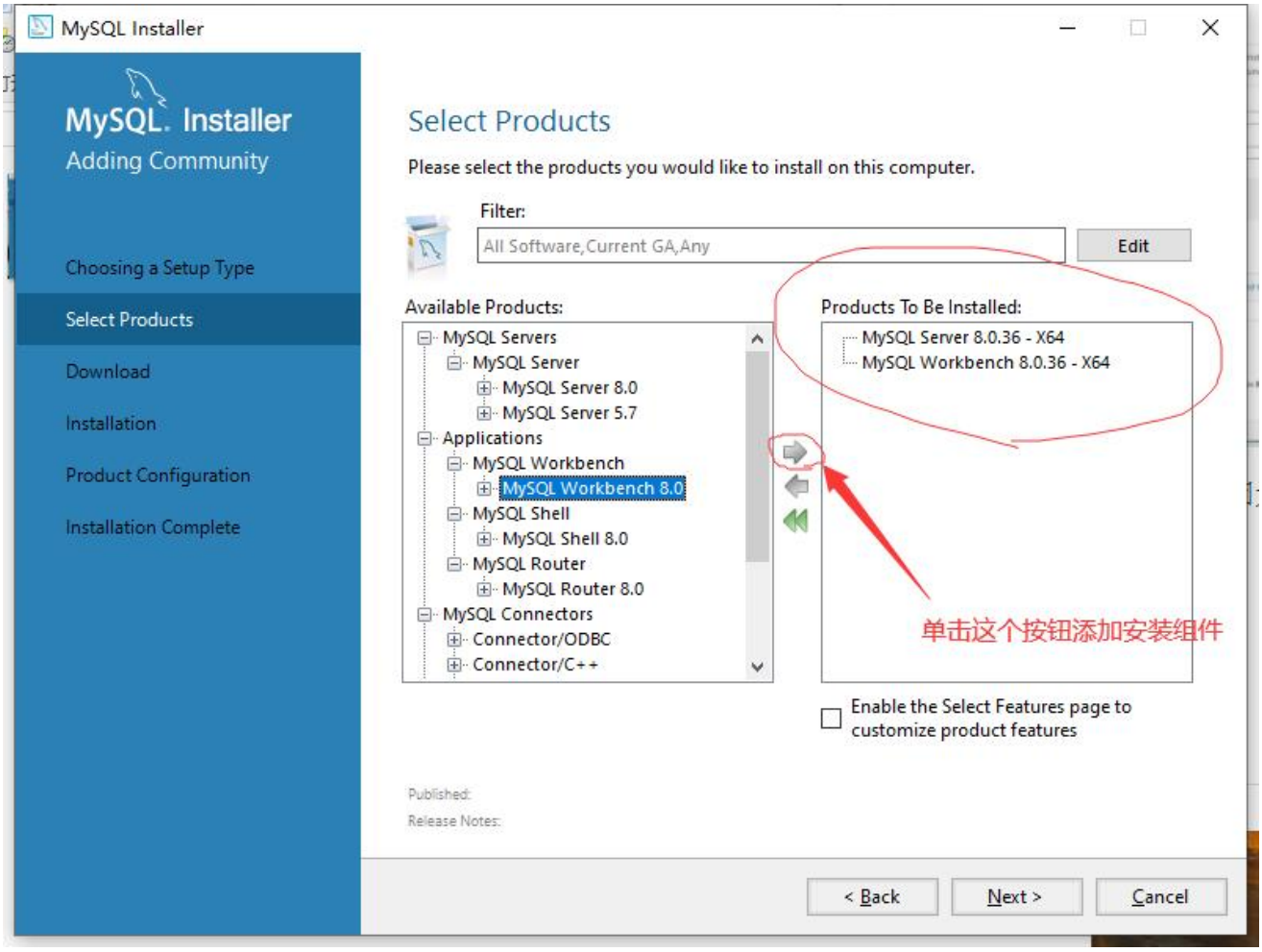


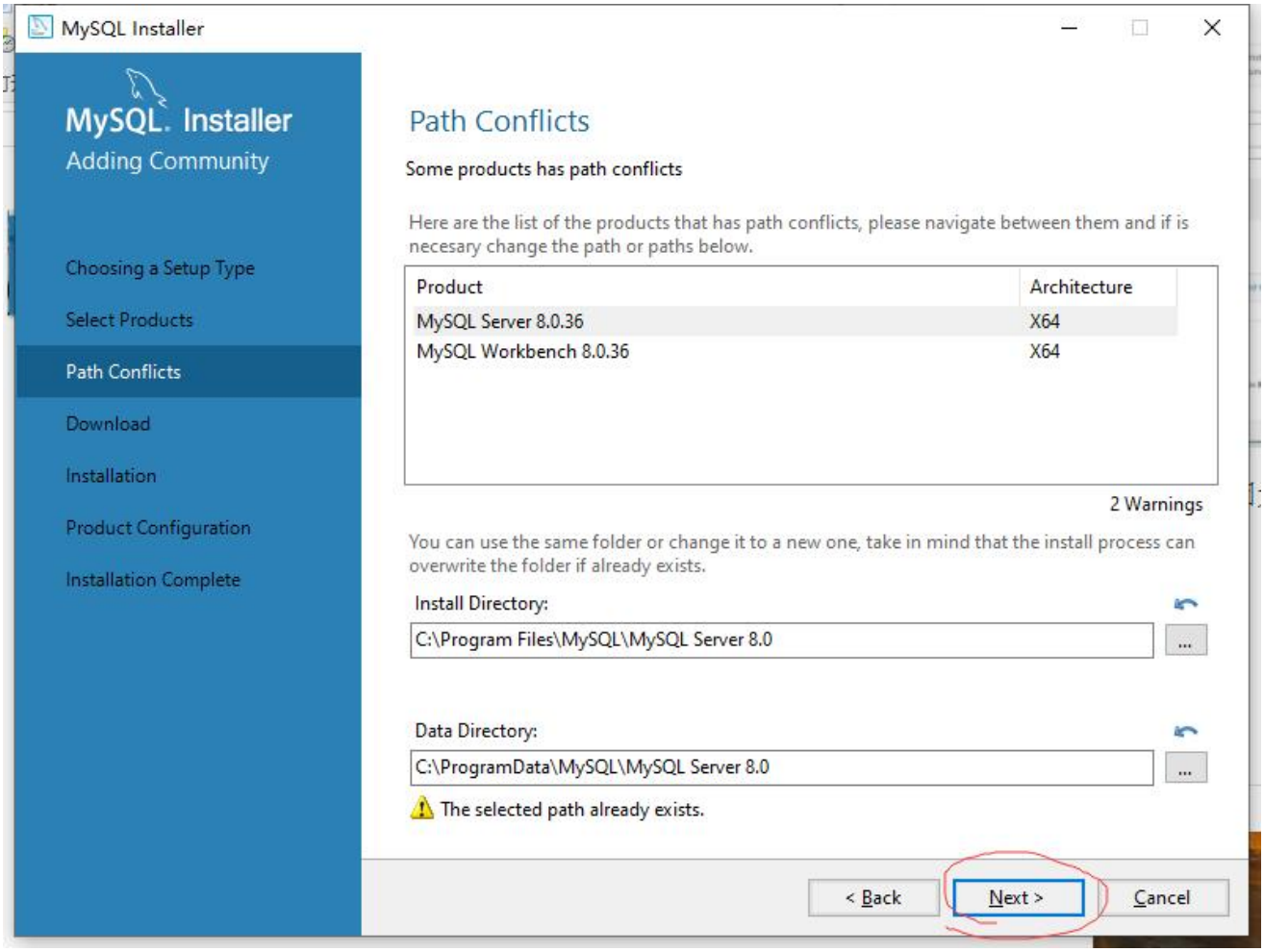


推荐下载web installer哈，因为另一个下载很慢

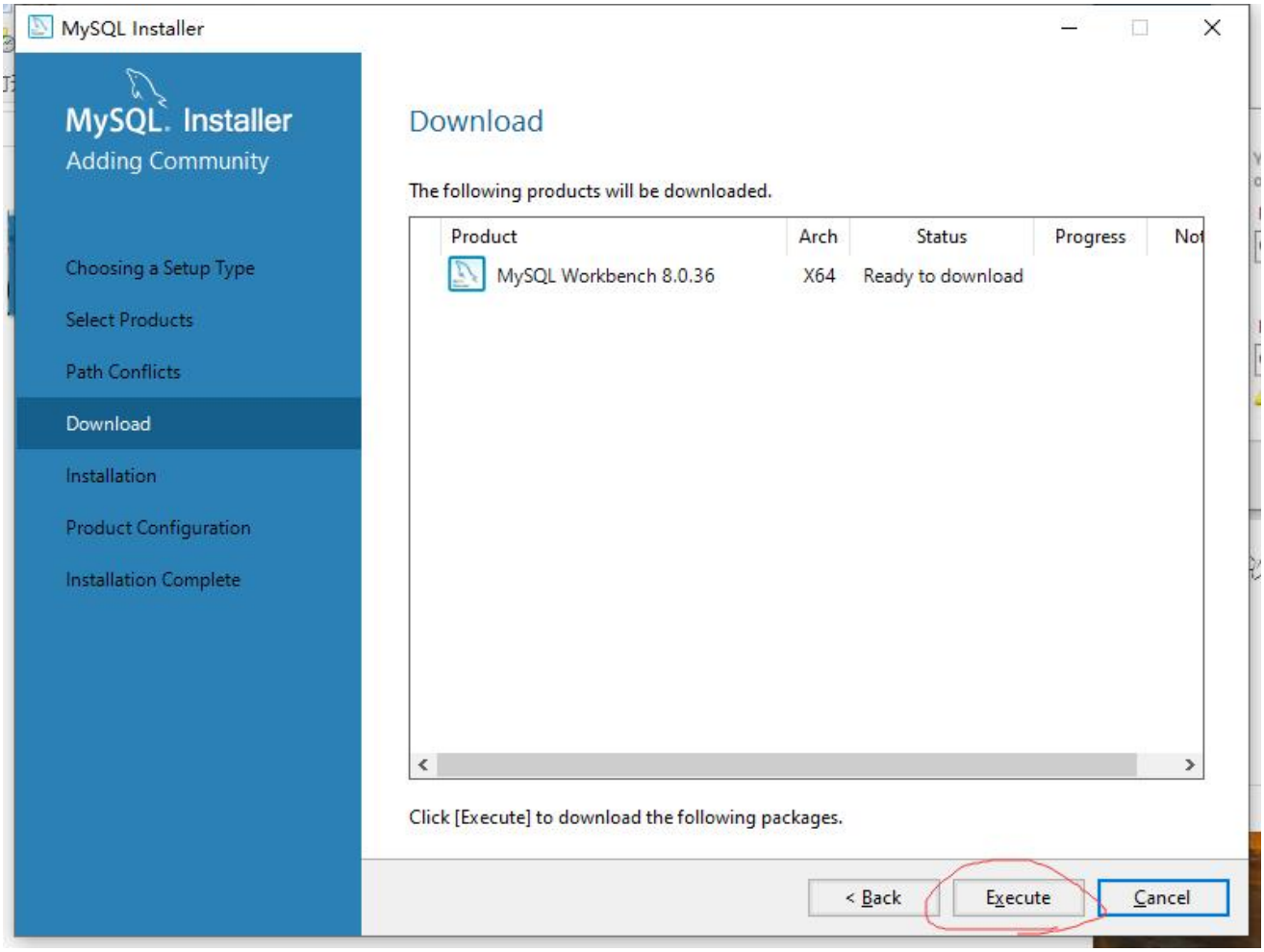
下载安装器后打开：


MySQL Installer
MySQL. Installer
Adding Community
Choosing a Setup Type
Select Products
Download
Installation
Installation Complete
Choosing a Setup Type
Please select the Setup Type that suits your use case.
Server only
Installs only the MySQL Server product.
Client only
Installs only the MySQL Client products, without a server.
Full
Installs all included MySQL products and features.
Custom
Manually select the products that should be installed on the system.
Setup Type Description
Allows you to select exactly which products you would like to install. This also allows to pick other server versions and architectures (depending on your OS).
Next >
Cancel

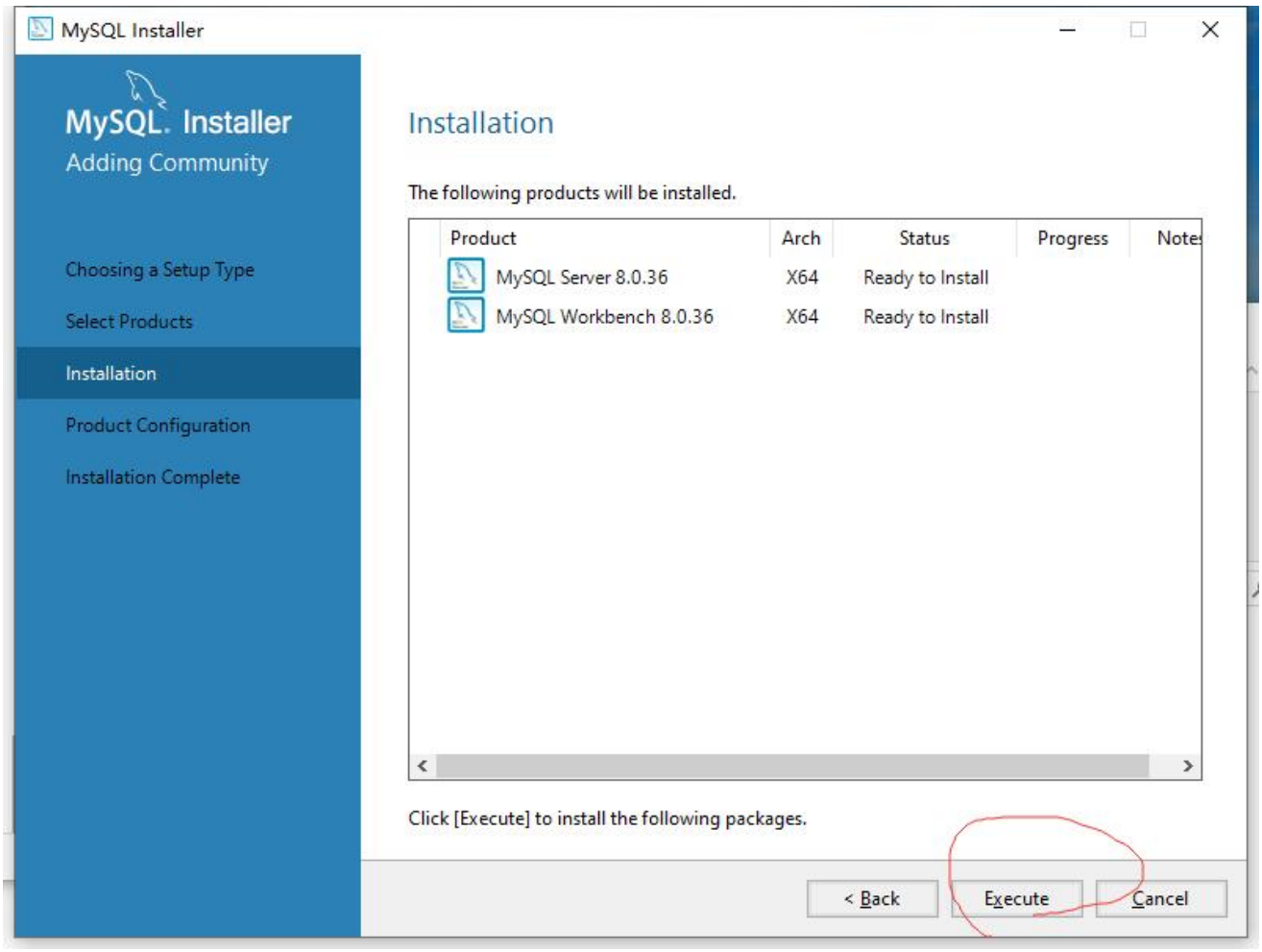

MySQL Installer
MySQL. Installer
Adding Community
Choosing a Setup Type
Select Products
Download
Installation
Product Configuration
Installation Complete
Select Products
Please select the products you would like to install on this computer.
Filter:
All Software,Current GA,Any
Edit
Available Products:
MySQL Servers
MySQL Server
MySQL Server 8.0
MySQL Server 5.7
Applications
MySQL Workbench
MySQL Workbench 8.0
MySQL Shell
MySQL Shell 8.0
MySQL Router
MySQL Router 8.0
MySQL Connectors
Connector/ODBC
Connector/C++
Products To Be Installed:
MySQL Server 8.0.36 - X64
MySQL Workbench 8.0.36 - X64
单击这个按钮添加安装组件
Enable the Select Features page to customize product features
Published:
Release Notes:
< Back
Next >
Cancel

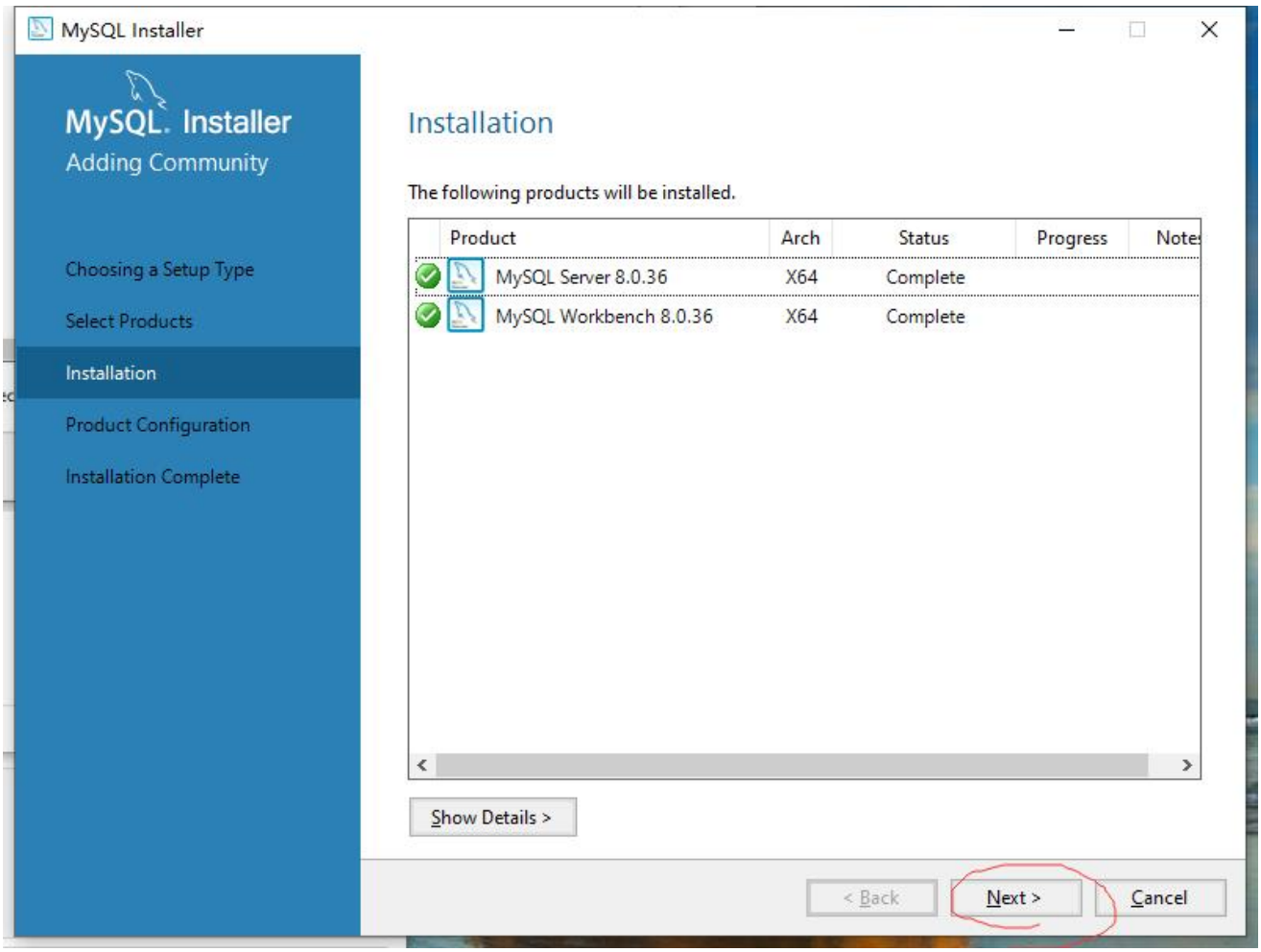


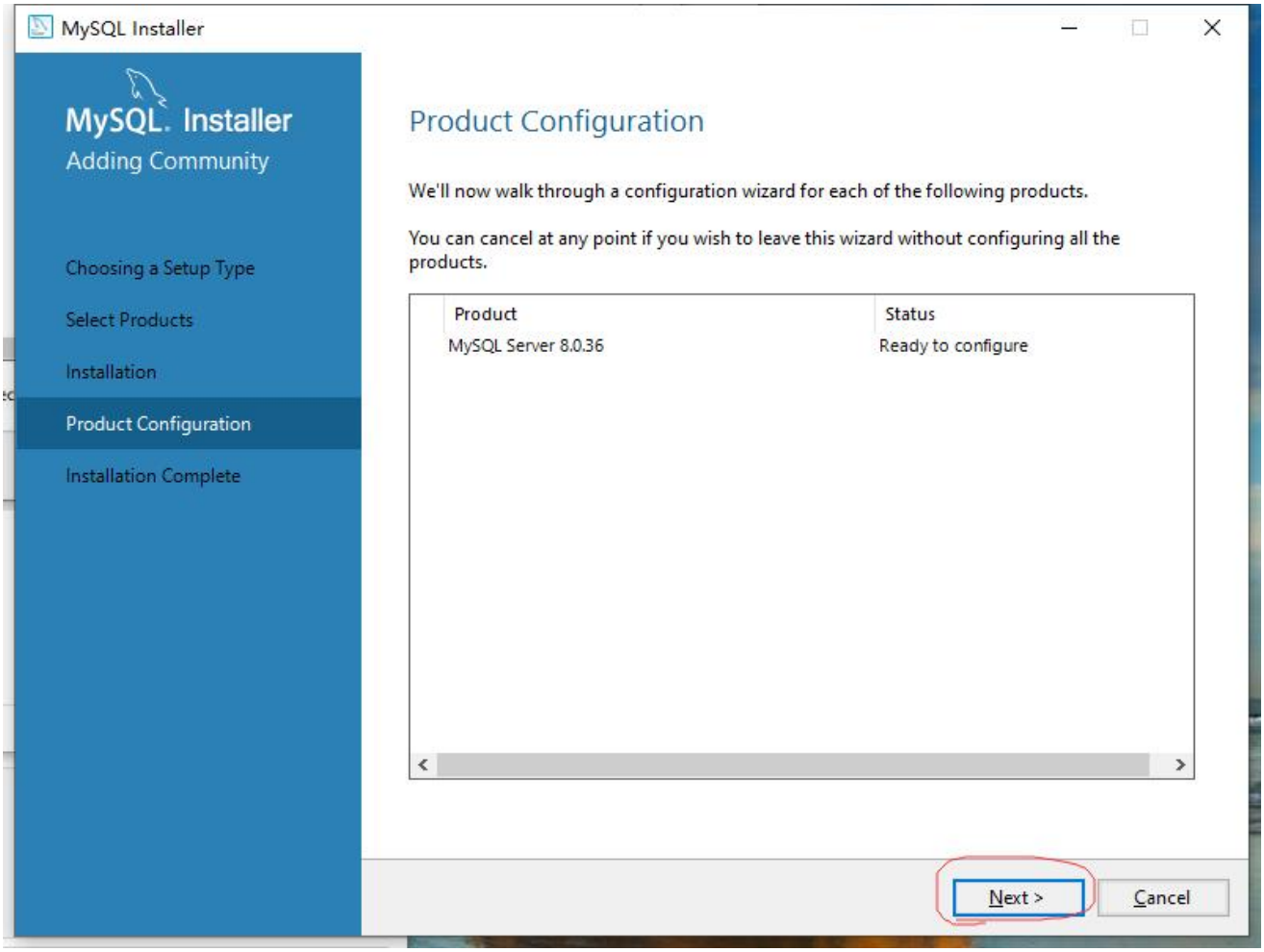
感叹号是因为助教之前装过一次，请忽略(∪.∪)...zzz

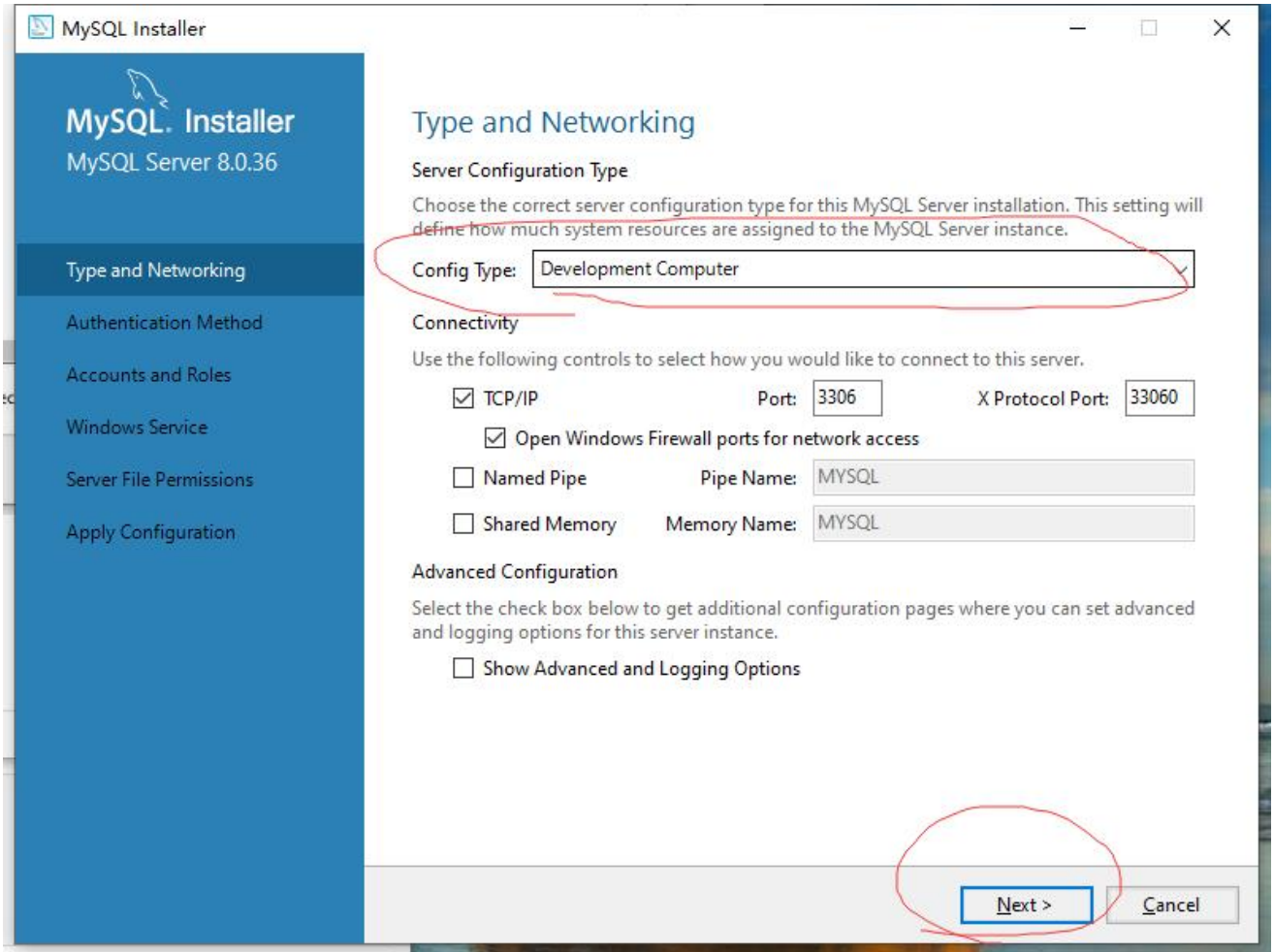


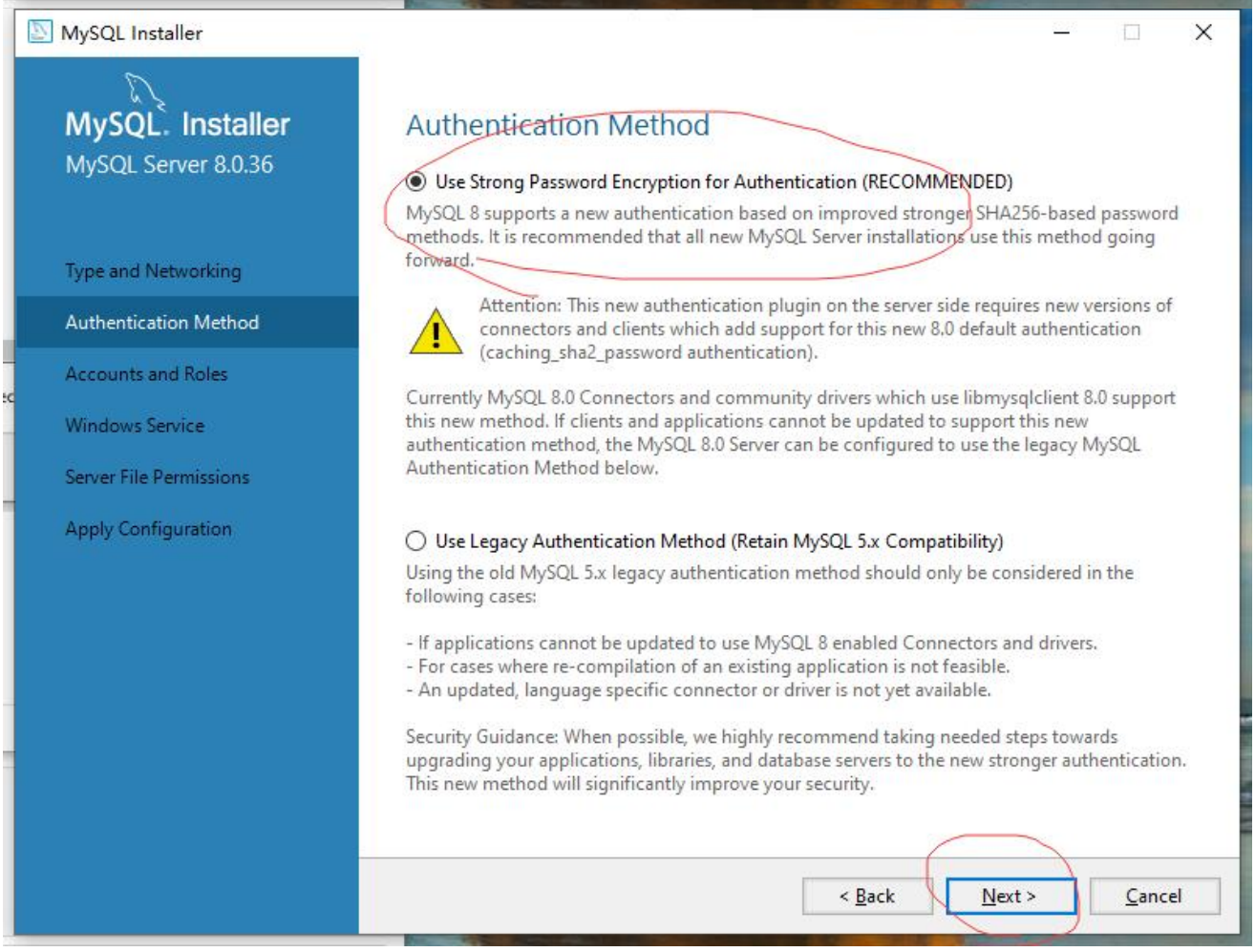
只有一个是正常的，执行完点击next

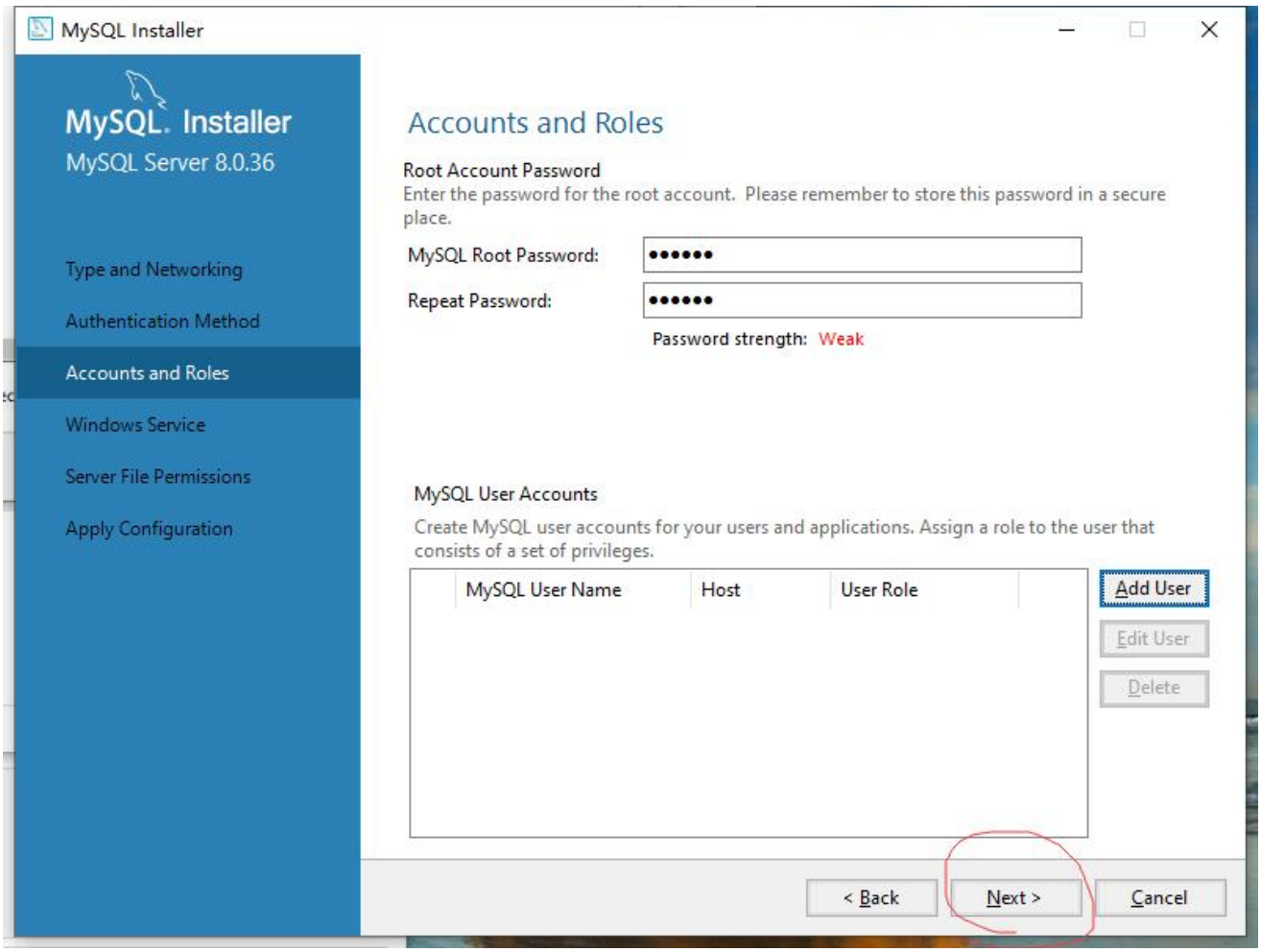


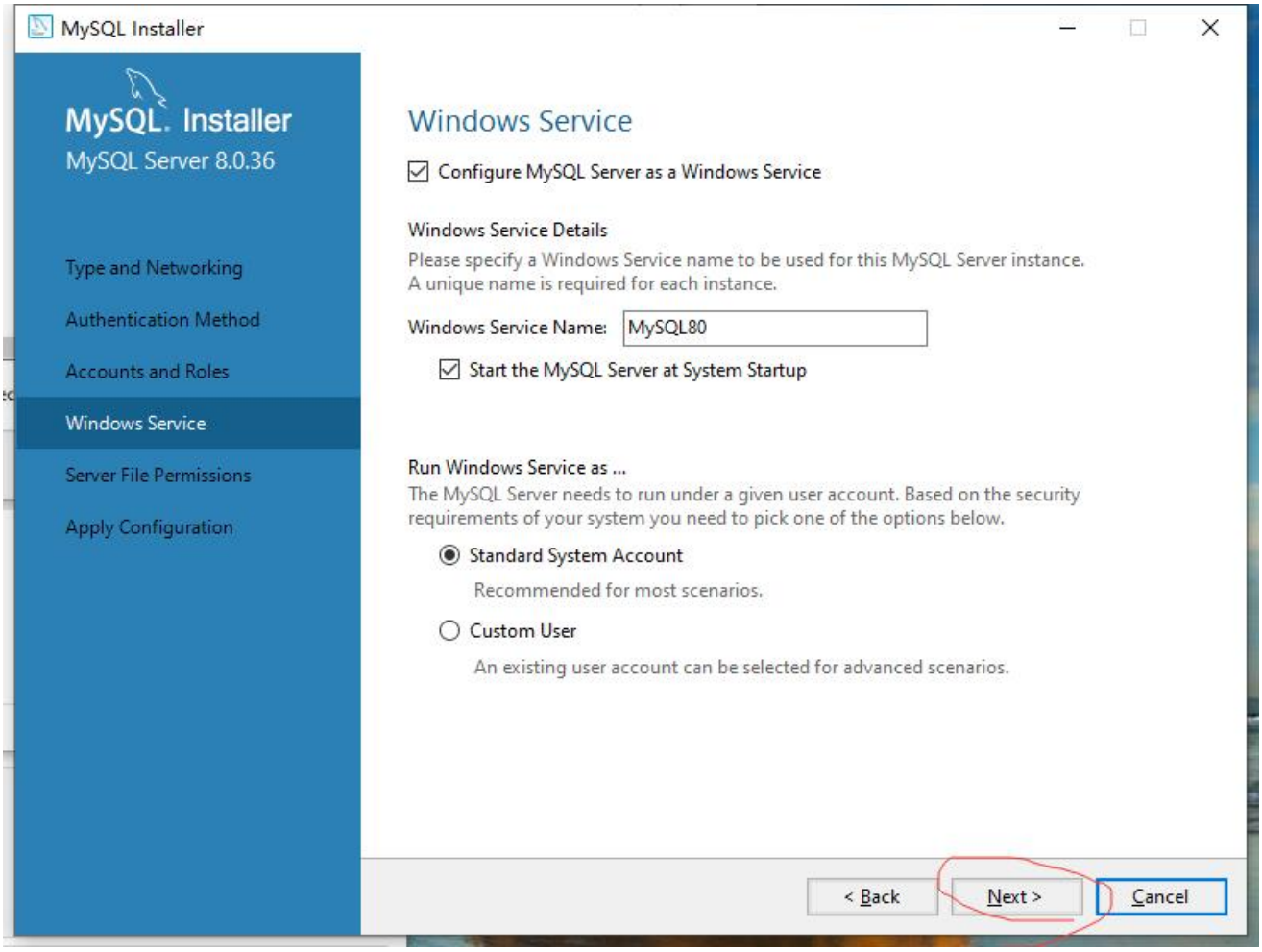


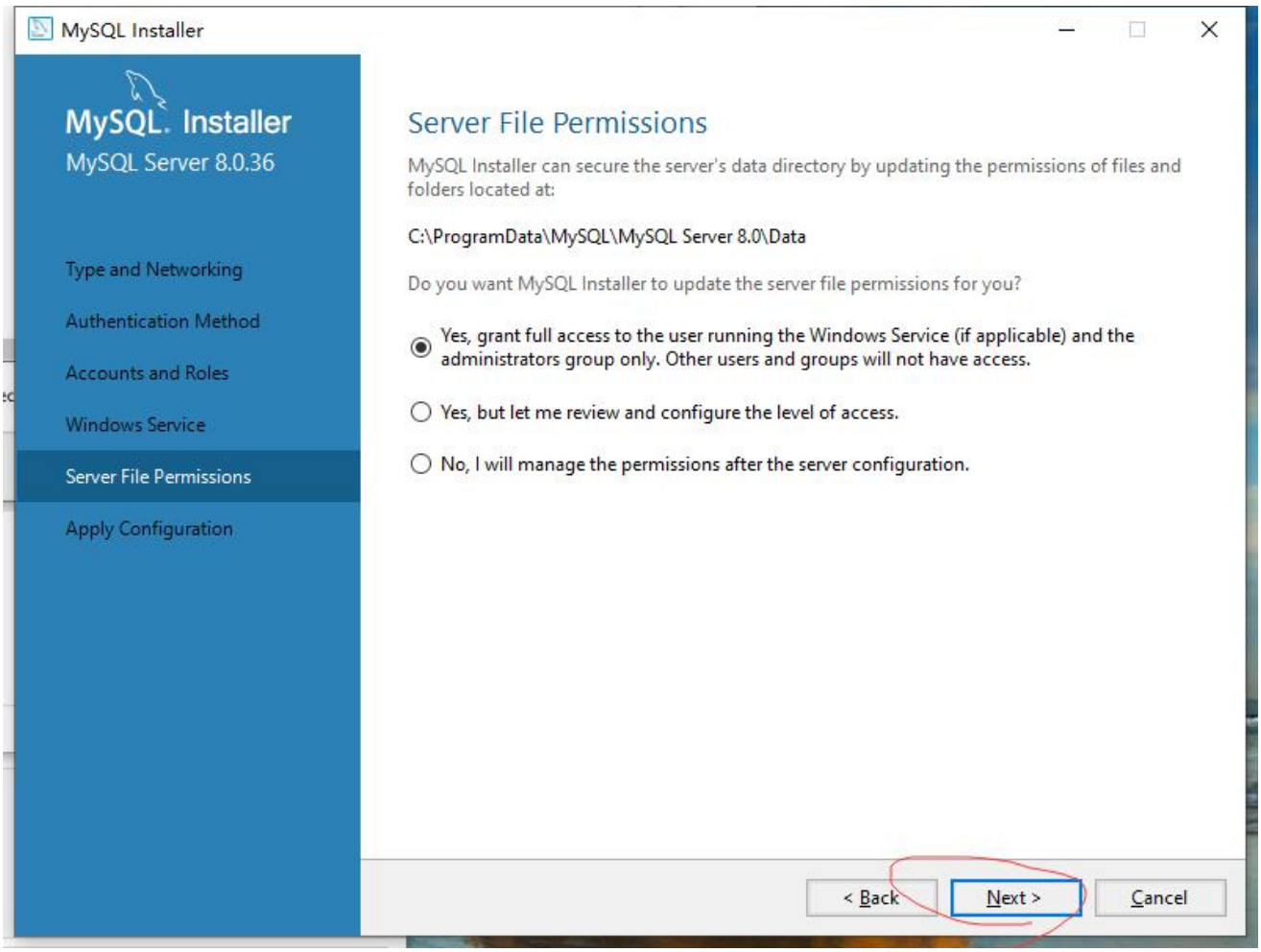

MySQL Installer
MySQL. Installer
Adding Community
Choosing a Setup Type
Select Products
Installation
Product Configuration
Installation Complete
Product Configuration
We'll now walk through a configuration wizard for each of the following products.
You can cancel at any point if you wish to leave this wizard without configuring all the products.
Product
Status
MySQL Server 8.0.36
Ready to configure
Next >
Cancel

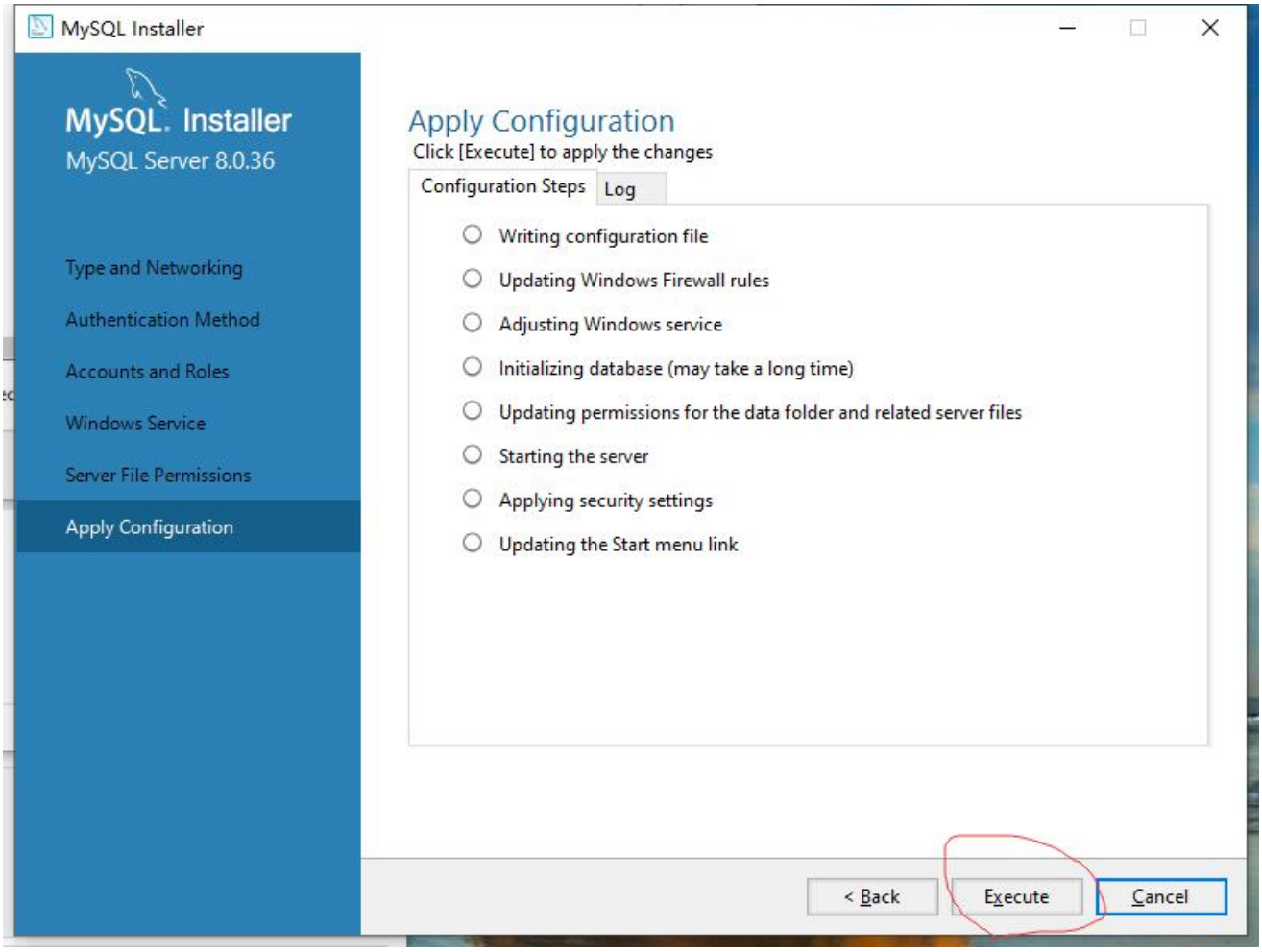

MySQL Installer
MySQL. Installer
MySQL Server 8.0.36
Type and Networking
Authentication Method
Accounts and Roles
Windows Service
Server File Permissions
Apply Configuration
Type and Networking
Server Configuration Type
Choose the correct server configuration type for this MySQL Server installation. This setting will define how much system resources are assigned to the MySQL Server instance.
Config Type: Development Computer
Connectivity
Use the following controls to select how you would like to connect to this server.
TCP/IP
Port: 3306
X Protocol Port: 33060
Open Windows Firewall ports for network access
Named Pipe
Pipe Name: MYSQL
Shared Memory
Memory Name: MYSQL
Advanced Configuration
Select the check box below to get additional configuration pages where you can set advanced and logging options for this server instance.
Show Advanced and Logging Options
Next >
Cancel

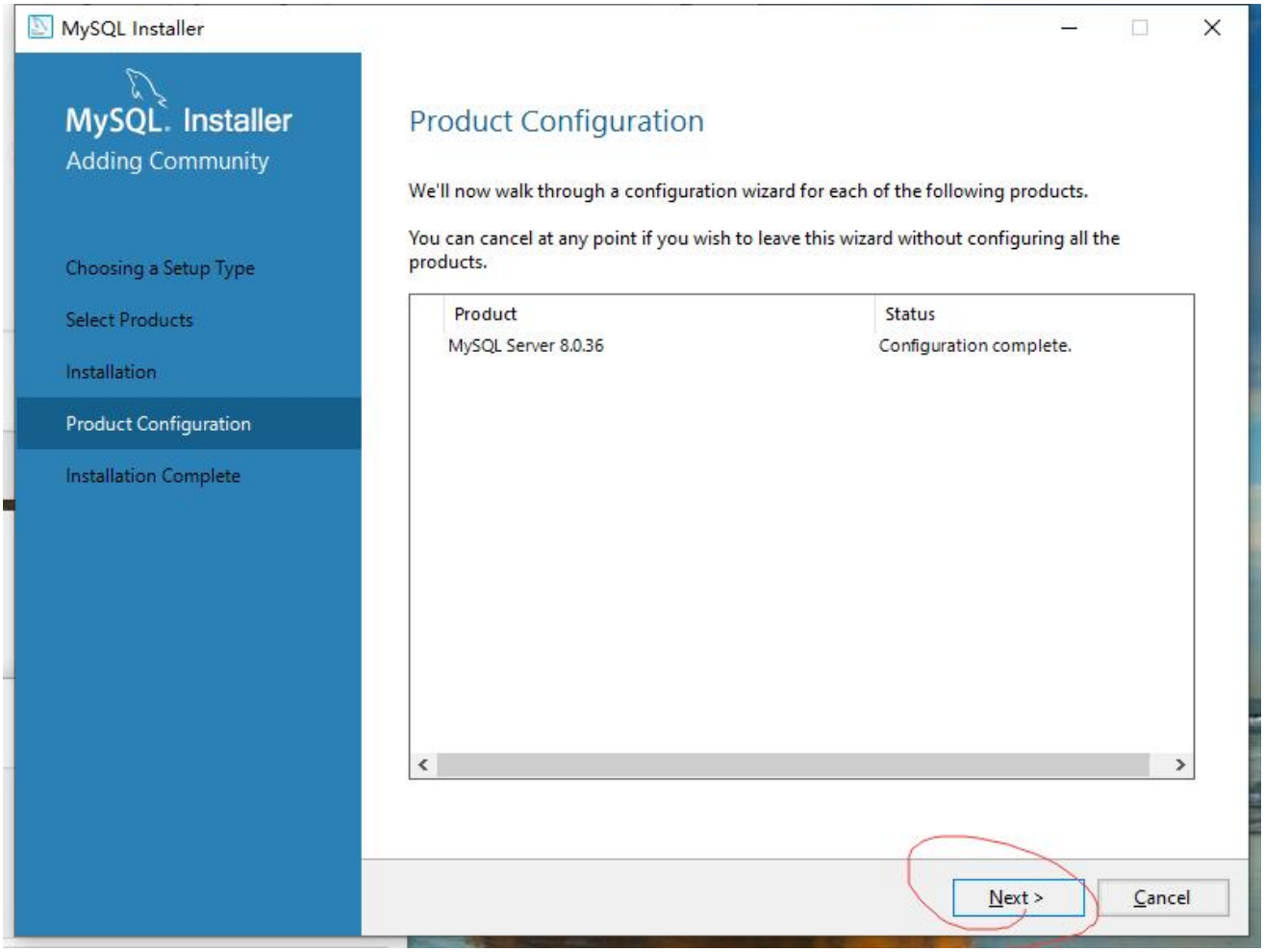

MySQL Installer
MySQL. Installer
MySQL Server 8.0.36
Type and Networking
Authentication Method
Accounts and Roles
Windows Service
Server File Permissions
Apply Configuration
Authentication Method
Use Strong Password Encryption for Authentication (RECOMMENDED)
MySQL 8 supports a new authentication based on improved stronger SHA256-based password methods. It is recommended that all new MySQL Server installations use this method going forward.
Attention: This new authentication plugin on the server side requires new versions of connectors and clients which add support for this new 8.0 default authentication (caching_sha2_password authentication).
Currently MySQL 8.0 Connectors and community drivers which use libmysqlclient 8.0 support this new method. If clients and applications cannot be updated to support this new authentication method, the MySQL 8.0 Server can be configured to use the legacy MySQL Authentication Method below.
Use Legacy Authentication Method (Retain MySQL 5.x Compatibility)
Using the old MySQL 5.x legacy authentication method should only be considered in the following cases:
- If applications cannot be updated to use MySQL 8 enabled Connectors and drivers.
- For cases where re-compilation of an existing application is not feasible.
- An updated, language specific connector or driver is not yet available.
Security Guidance: When possible, we highly recommend taking needed steps towards upgrading your applications, libraries, and database servers to the new stronger authentication. This new method will significantly improve your security.
< Back
Next >
Cancel


MySQL Installer
MySQL. Installer
MySQL Server 8.0.36
Type and Networking
Authentication Method
Accounts and Roles
Windows Service
Server File Permissions
Apply Configuration
Accounts and Roles
Root Account Password
Enter the password for the root account. Please remember to store this password in a secure place.
MySQL Root Password:
Repeat Password:
Password strength: Weak
MySQL User Accounts
Create MySQL user accounts for your users and applications. Assign a role to the user that consists of a set of privileges.
MySQL User Name
Host
User Role
Add User
Edit User
Delete
< Back
Next >
Cancel

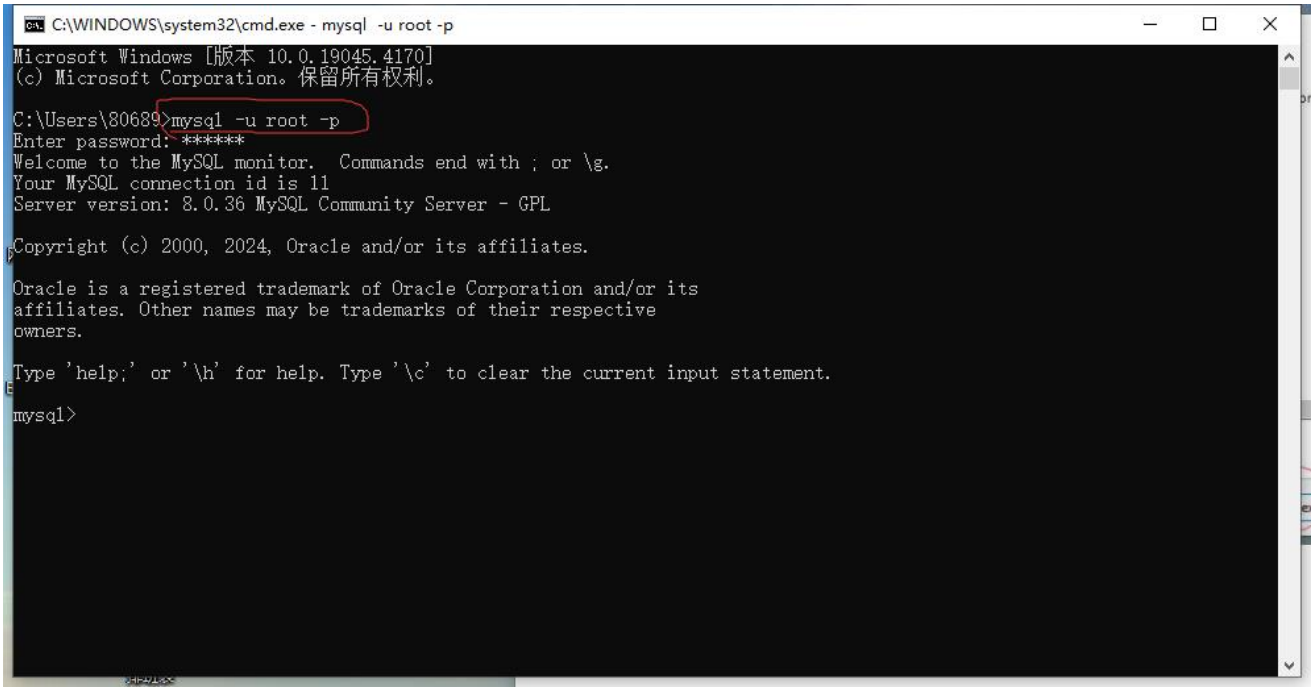

MySQL Installer
MySQL. Installer
MySQL Server 8.0.36
Type and Networking
Authentication Method
Accounts and Roles
Windows Service
Server File Permissions
Apply Configuration
Windows Service
Configure MySQL Server as a Windows Service
Windows Service Details
Please specify a Windows Service name to be used for this MySQL Server instance.
A unique name is required for each instance.
Windows Service Name:
MySQL80
Start the MySQL Server at System Startup
Run Windows Service as ...
The MySQL Server needs to run under a given user account. Based on the security requirements of your system you need to pick one of the options below.
Standard System Account
Recommended for most scenarios.
Custom User
An existing user account can be selected for advanced scenarios.
< Back
Next >
Cancel


MySQL Installer
MySQL. Installer
MySQL Server 8.0.36
Type and Networking
Authentication Method
Accounts and Roles
Windows Service
Server File Permissions
Apply Configuration
Server File Permissions
MySQL Installer can secure the server's data directory by updating the permissions of files and folders located at:
C:\ProgramData\MySQL\MySQL Server 8.0\Data
Do you want MySQL Installer to update the server file permissions for you?
Yes, grant full access to the user running the Windows Service (if applicable) and the administrators group only. Other users and groups will not have access.
Yes, but let me review and configure the level of access.
No, I will manage the permissions after the server configuration.
< Back
Next >
Cancel

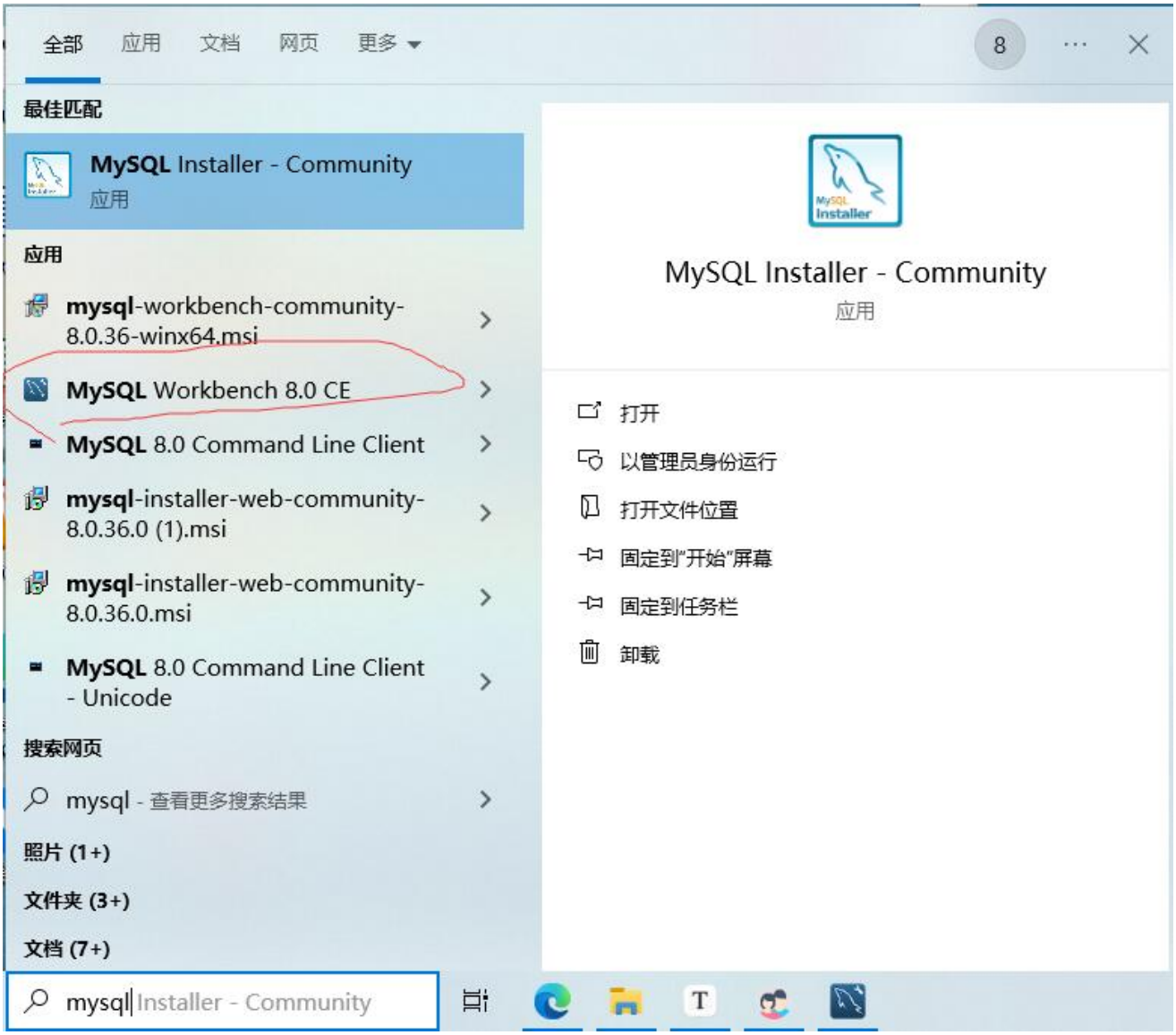

MySQL Installer
MySQL. Installer
MySQL Server 8.0.36
Type and Networking
Authentication Method
Accounts and Roles
Windows Service
Server File Permissions
Apply Configuration
Apply Configuration
Click [Execute] to apply the changes
Configuration Steps
Log
Writing configuration file
Updating Windows Firewall rules
Adjusting Windows service
Initializing database (may take a long time)
Updating permissions for the data folder and related server files
Starting the server
Applying security settings
Updating the Start menu link
< Back
Execute
Cancel



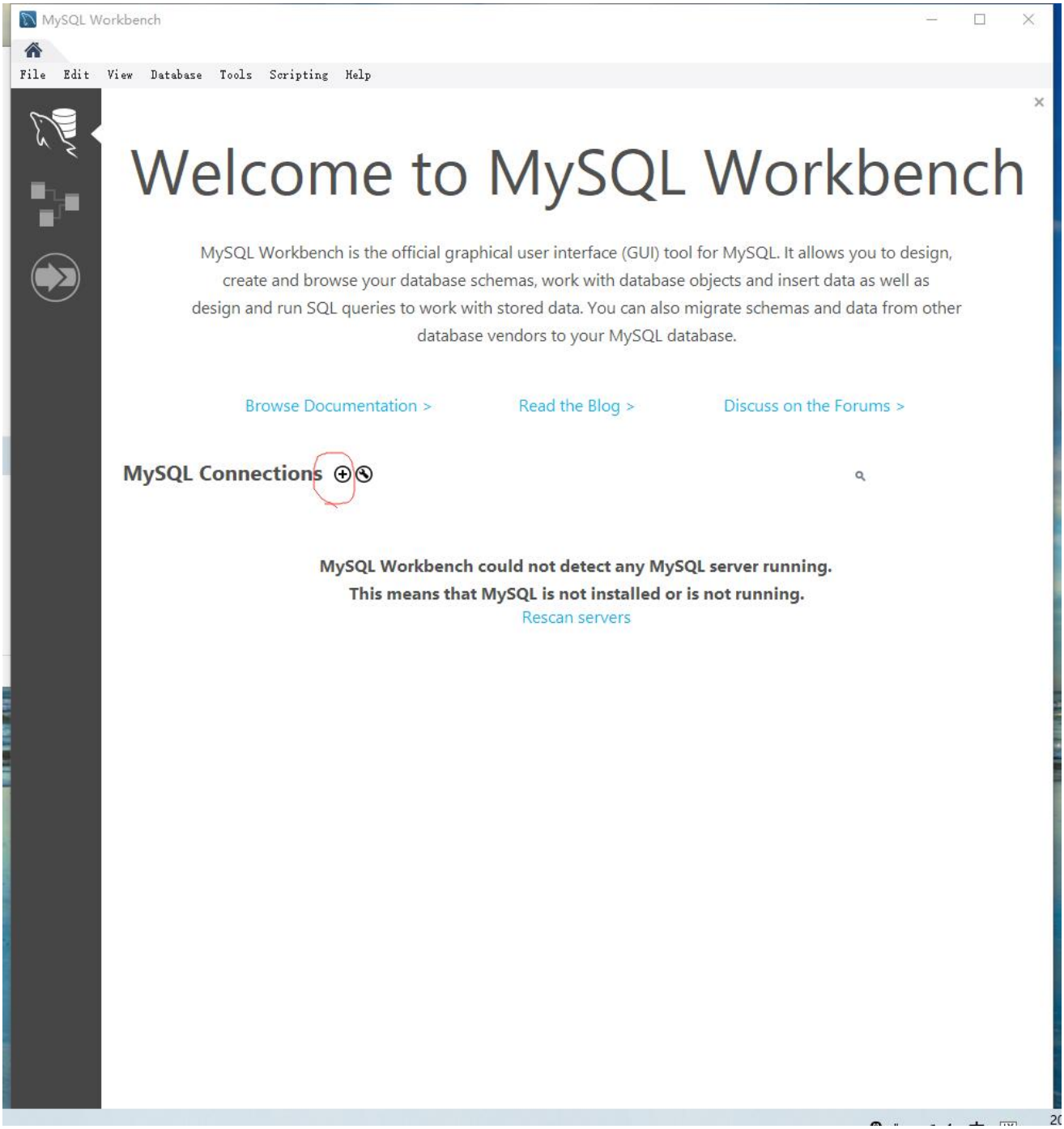
安装完成！可以进入命令行检测一下：

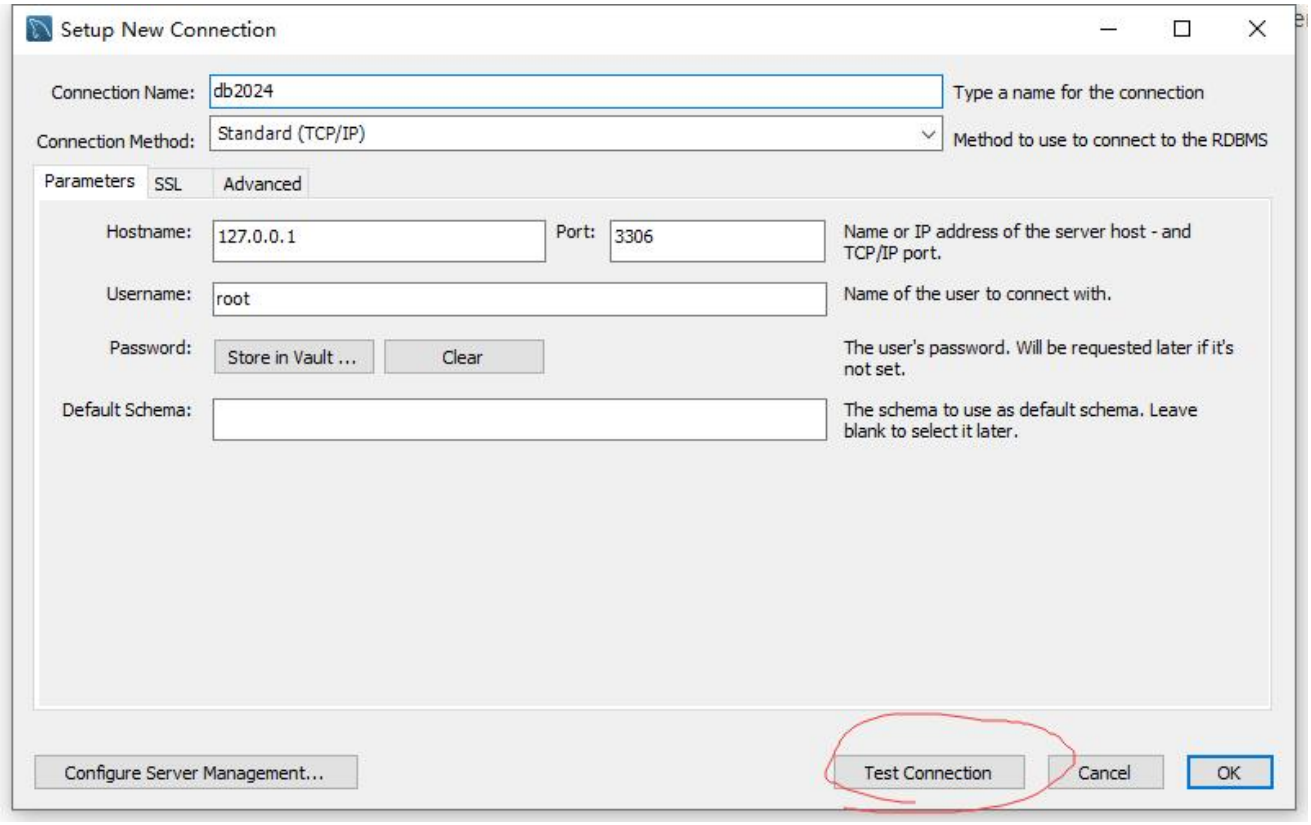


如果桌面找不到mysql workbench的快捷方式就搜一下罢

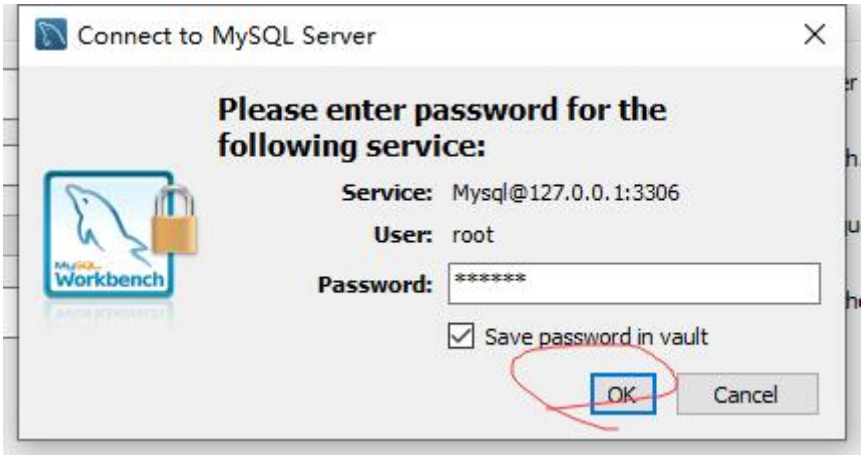


mysql workbench，启动！

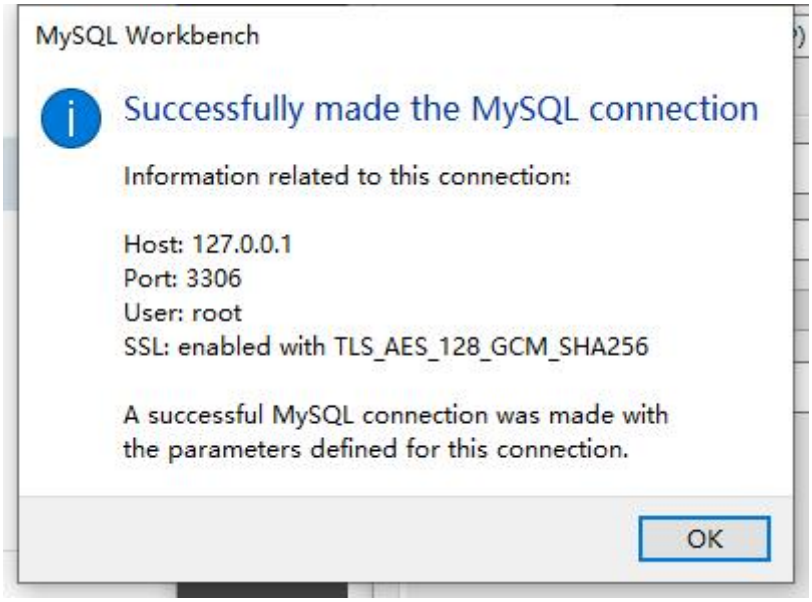

MySQL Workbench
File Edit View Database Tools Scripting Help
Welcome to MySQL Workbench
MySQL Workbench is the official graphical user interface (GUI) tool for MySQL. It allows you to design, create and browse your database schemas, work with database objects and insert data as well as design and run SQL queries to work with stored data. You can also migrate schemas and data from other database vendors to your MySQL database.
Browse Documentation >
Read the Blog >
Discuss on the Forums >
MySQL Connections
MySQL Workbench could not detect any MySQL server running.
This means that MySQL is not installed or is not running.
Rescan servers

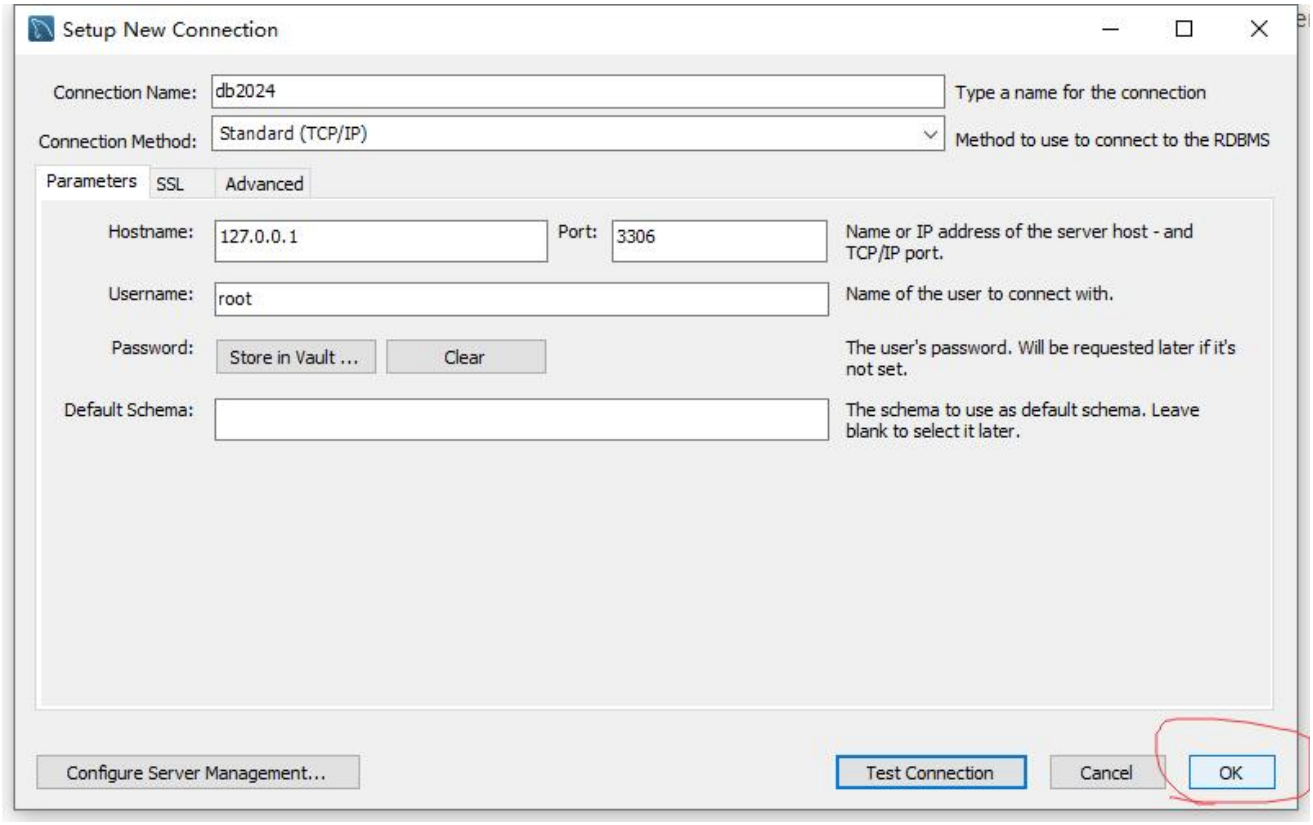


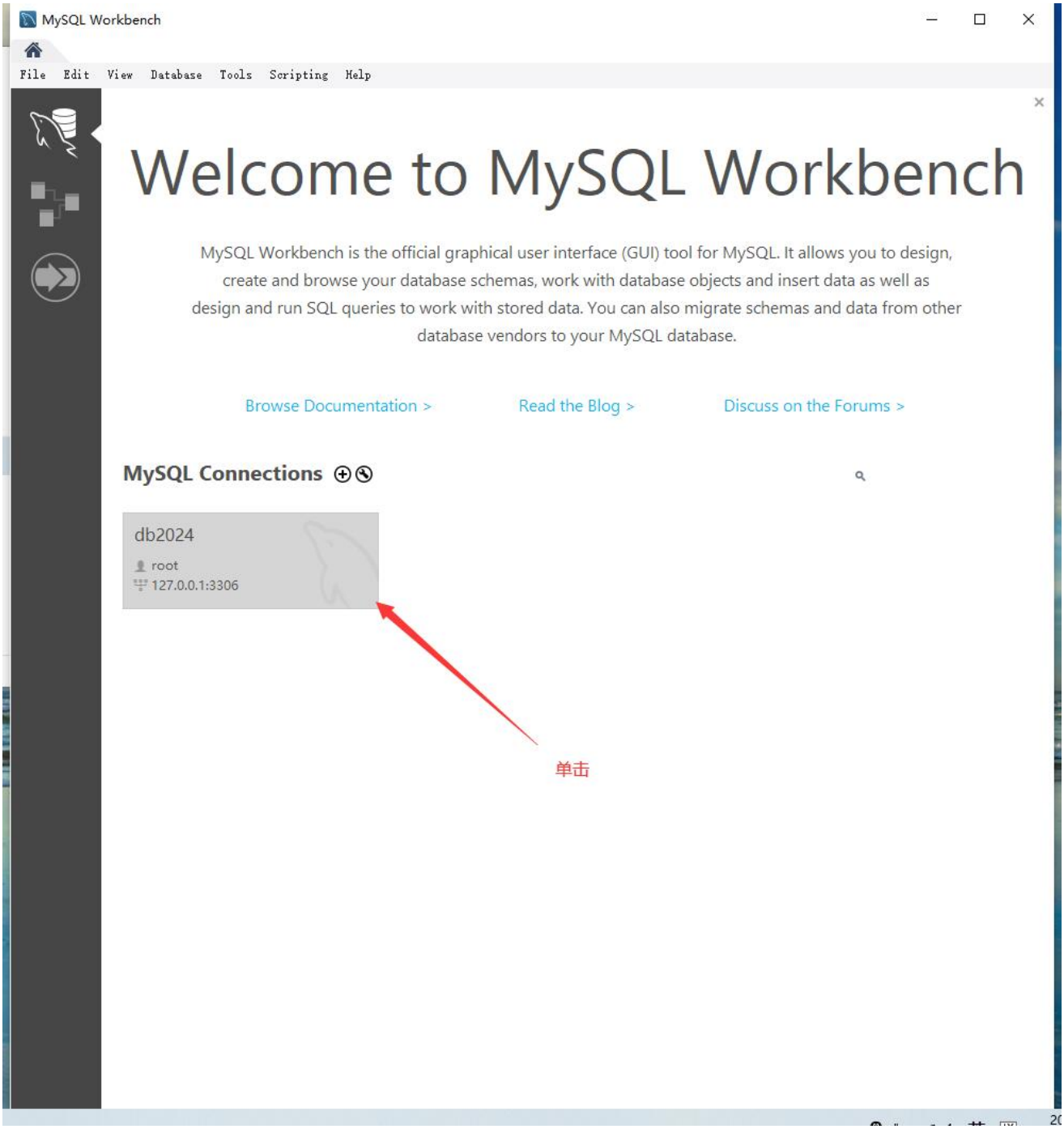
测试一下数据库连接：



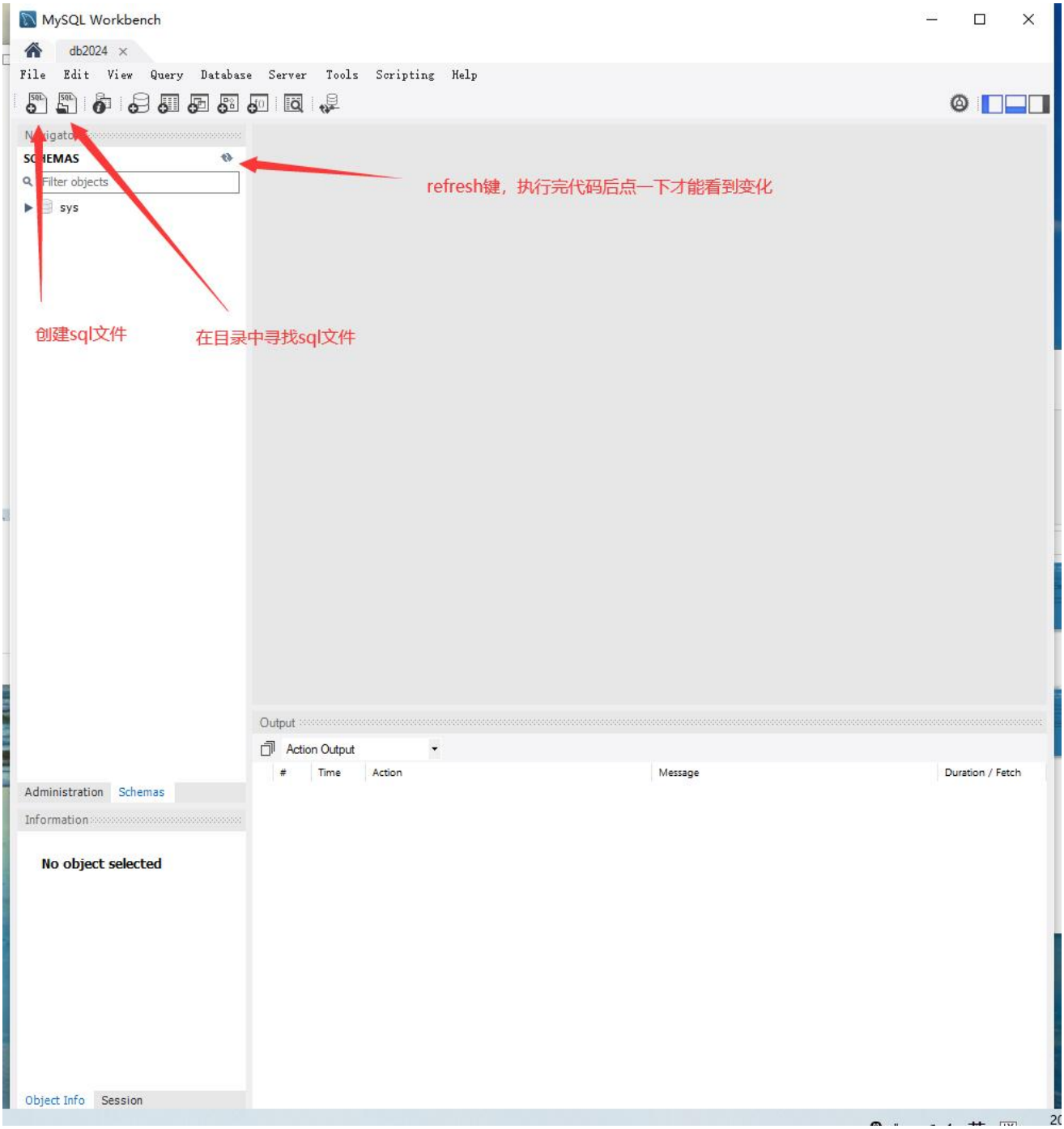
连接成功，说明mysql server已经正确安装且在运行。

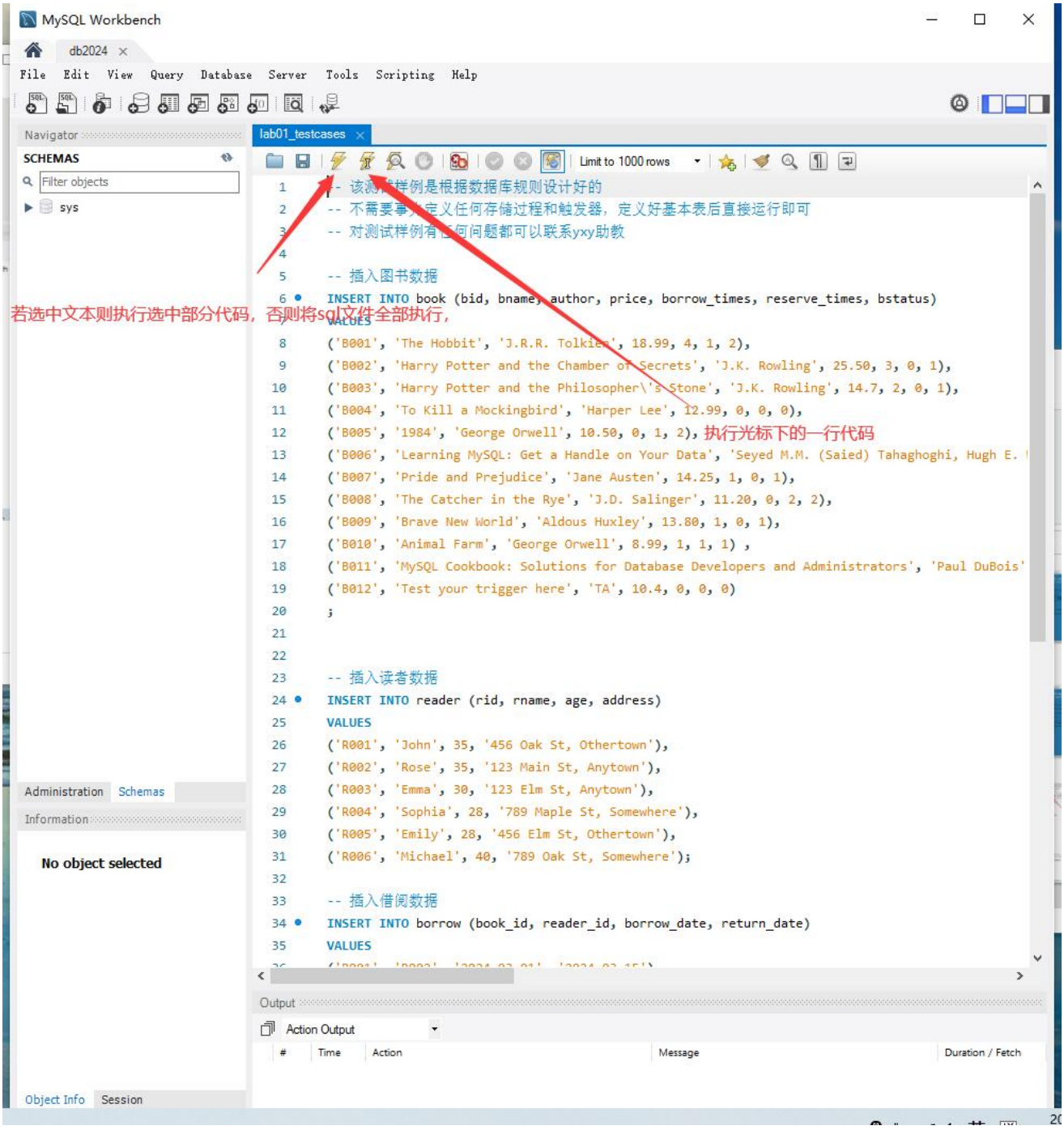


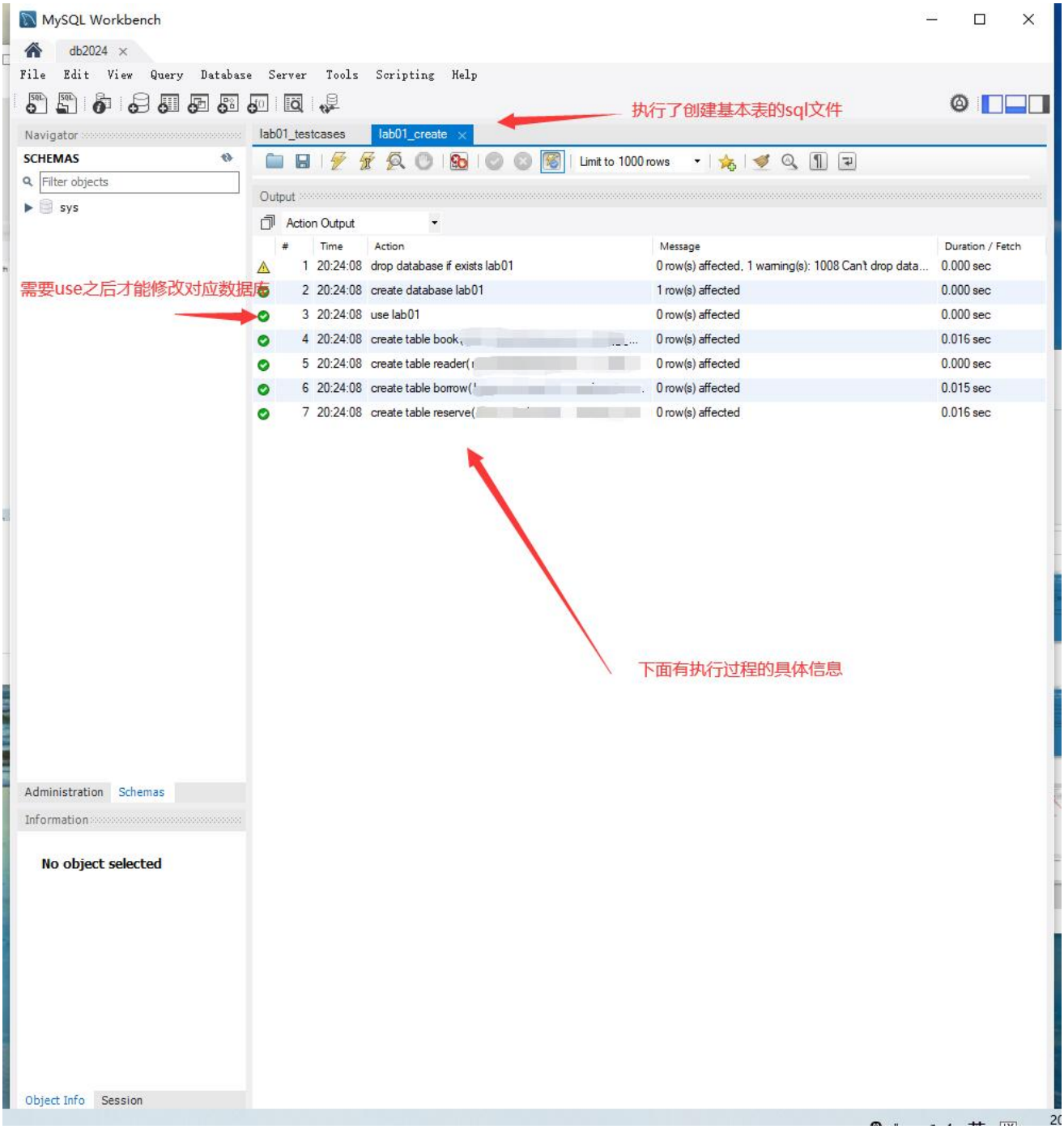

Setup New Connection
Connection Name:
db2024
Type a name for the connection
Connection Method:
Standard (TCP/IP)
Method to use to connect to the RDBMS
Parameters
SSL
Advanced
Hostname:
127.0.0.1
Port:
3306
Name or IP address of the server host - and TCP/IP port.
Username:
root
Name of the user to connect with.
Password:
Store in Vault ...
Clear
The user's password. Will be requested later if it's not set.
Default Schema:
The schema to use as default schema. Leave blank to select it later.
Configure Server Management...
Test Connection
Cancel
OK


MySQL Workbench
File Edit View Database Tools Scripting Help
Welcome to MySQL Workbench
MySQL Workbench is the official graphical user interface (GUI) tool for MySQL. It allows you to design, create and browse your database schemas, work with database objects and insert data as well as design and run SQL queries to work with stored data. You can also migrate schemas and data from other database vendors to your MySQL database.
Browse Documentation >
Read the Blog >
Discuss on the Forums >
MySQL Connections
db2024
root
127.0.0.1:3306
单击

进入sql编程界面!


MySQL Workbench
db2024
File Edit View Query Database Server Tools Scripting Help
SCHEMAS
Filter objects
sys
refresh键，执行完代码后点一下才能看到变化
创建sql文件
在目录中寻找sql文件
Output
Action Output
Time Action Message Duration / Fetch
Administration Schemas
Information
No object selected
Object Info Session


MySQL Workbench
db2024
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
Filter objects
sys
lab01_testcases
Limit to 1000 rows
若选中文本则执行选中部分代码，否则将sql文件全部执行，
执行光标下的一行代码
-- 该测试样例是根据数据库规则设计好的
-- 不需要事先定义任何存储过程和触发器，定义好基本表后直接运行即可
-- 对测试样例有任何问题都可以联系yxy助教
-- 插入图书数据
INSERT INTO book (bid, bname, author, price, borrow_times, reserve_times, bstatus)
VALUES
('B001', 'The Hobbit', 'J.R.R. Tolkien', 18.99, 4, 1, 2),
('B002', 'Harry Potter and the Chamber of Secrets', 'J.K. Rowling', 25.50, 3, 0, 1),
('B003', 'Harry Potter and the Philosopher\'s Stone', 'J.K. Rowling', 14.7, 2, 0, 1),
('B004', 'To Kill a Mockingbird', 'Harper Lee', 12.99, 0, 0, 0),
('B005', '1984', 'George Orwell', 10.50, 0, 1, 2),
('B006', 'Learning MySQL: Get a Handle on Your Data', 'Seyed M.M. (Saied) Tahaghoghi, Hugh E.
('B007', 'Pride and Prejudice', 'Jane Austen', 14.25, 1, 0, 1),
('B008', 'The Catcher in the Rye', 'J.D. Salinger', 11.20, 0, 2, 2),
('B009', 'Brave New World', 'Aldous Huxley', 13.80, 1, 0, 1),
('B010', 'Animal Farm', 'George Orwell', 8.99, 1, 1, 1) ,
('B011', 'MySQL Cookbook: Solutions for Database Developers and Administrators', 'Paul DuBois'
('B012', 'Test your trigger here', 'TA', 10.4, 0, 0, 0)
;
-- 插入读者数据
INSERT INTO reader (rid, rname, age, address)
VALUES
('R001', 'John', 35, '456 Oak St, Othertown'),
('R002', 'Rose', 35, '123 Main St, Anytown'),
('R003', 'Emma', 30, '123 Elm St, Anytown'),
('R004', 'Sophia', 28, '789 Maple St, Somewhere'),
('R005', 'Emily', 28, '456 Elm St, Othertown'),
('R006', 'Michael', 40, '789 Oak St, Somewhere');
-- 插入借阅数据
INSERT INTO borrow (book_id, reader_id, borrow_date, return_date)
VALUES
Administration Schemas
Information
No object selected
Object Info Session
Output
Action Output
Time Action Message Duration / Fetch



安装全部完成！开始快乐的sql编程吧（