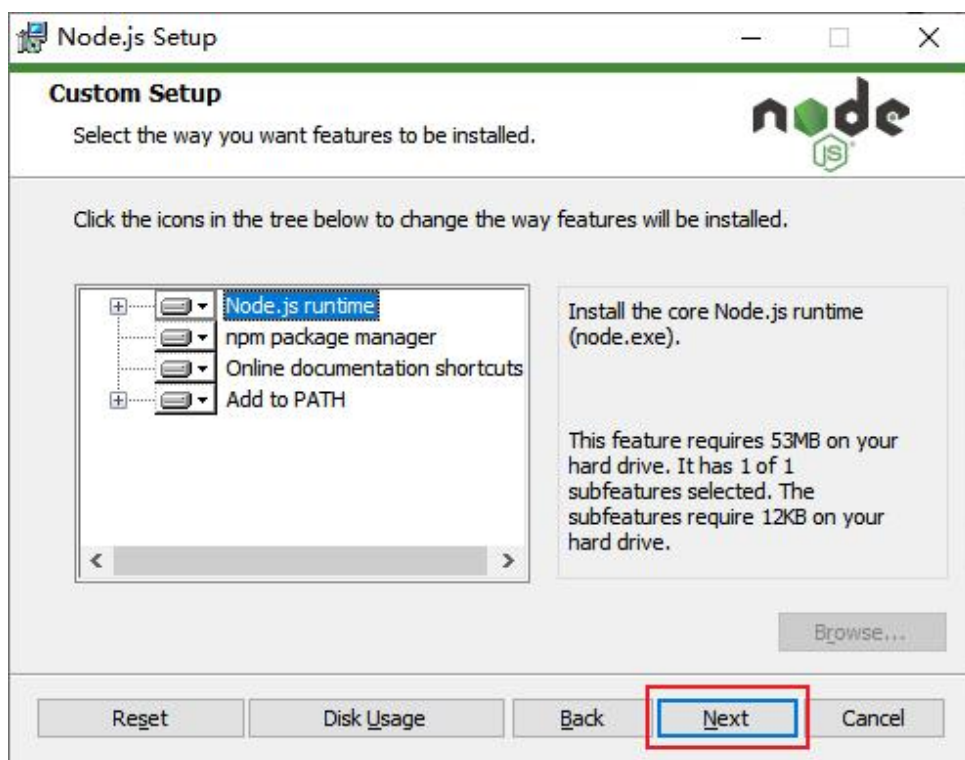
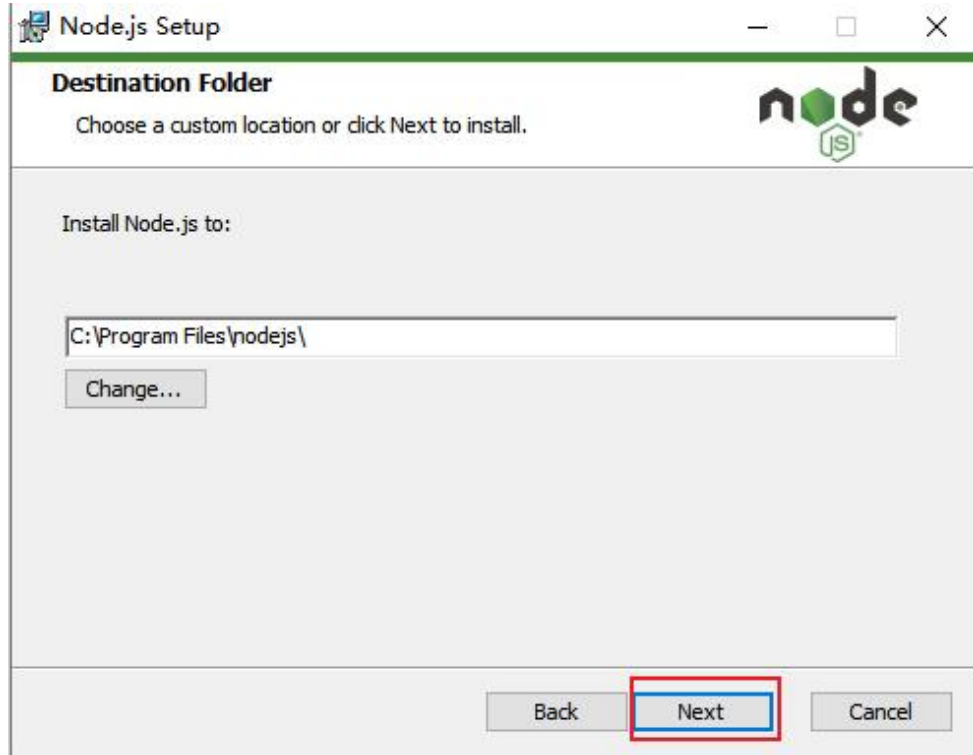


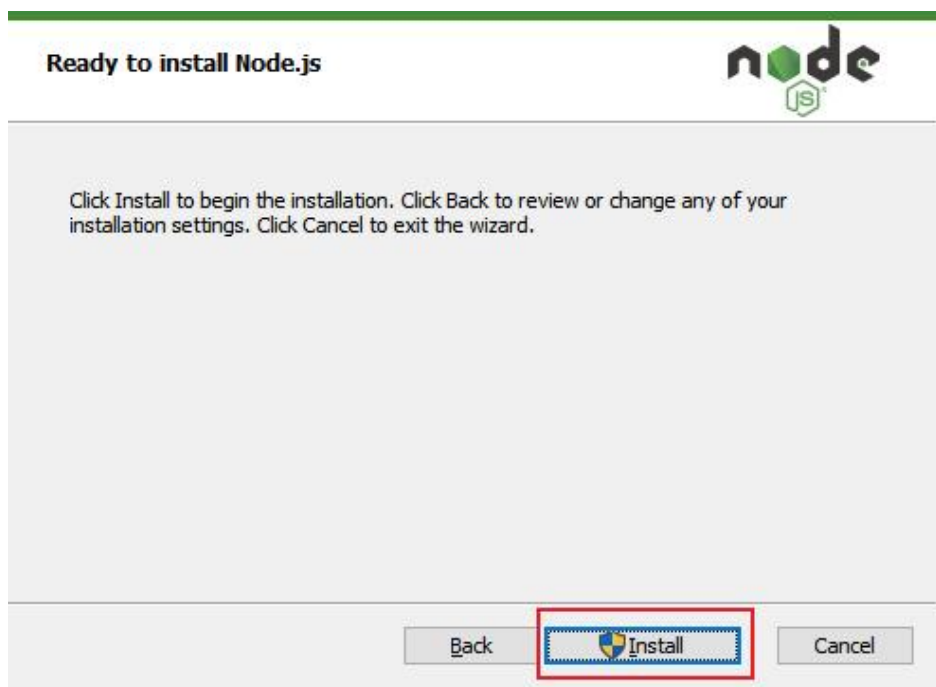
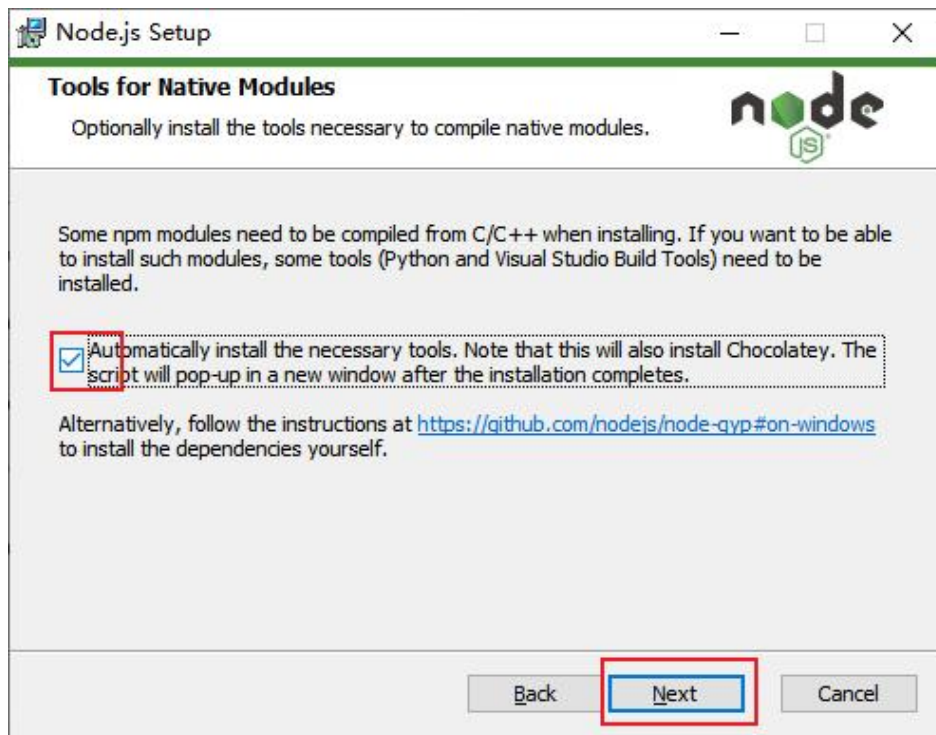
前言

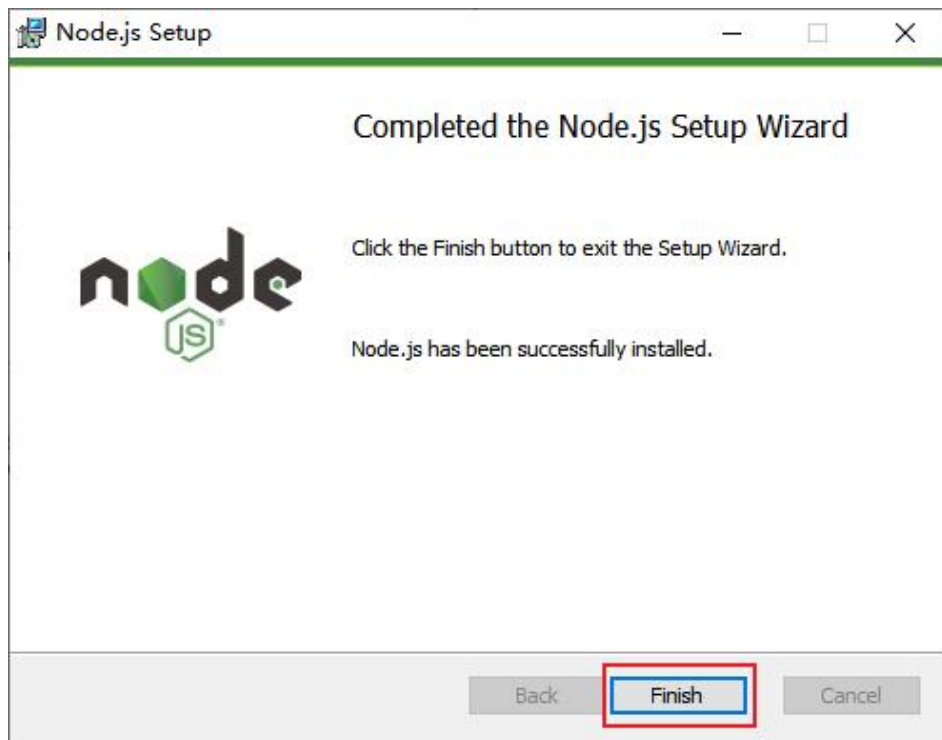
为了方便大家安装开发环境，所需要的软件（Windows 版）我都上传了一份到百度网盘，大家可以一键下载。链接：<https://pan.baidu.com/s/1-mYeUsTXKxrF1lH1m1Sszg> 提取码：kb5f

一、node.js 安装









```
=====
Tools for Node.js Native Modules Installation Script
=====

This script will install Python and the Visual Studio Build Tools, necessary
to compile Node.js native modules. Note that Chocolatey and required Windows
updates will also be installed.

This will require about 3 Gb of free disk space, plus any space necessary to
install Windows updates. This will take a while to run.

Please close all open programs for the duration of the installation. If the
installation fails, please ensure Windows is fully updated, reboot your
computer and try to run this again. This script can be found in the
Start menu under Node.js.

You can close this window to stop now. Detailed instructions to install these
tools manually are available at https://github.com/nodejs/node-gyp#on-windows

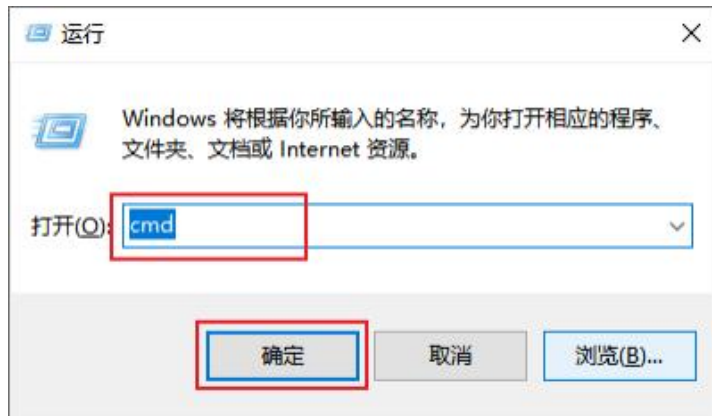
请按任意键继续. . .
```

可能会出现这一步，不用管它

```
管理员: Windows PowerShell

Forcing web requests to allow TLS v1.2 (Required for requests to Chocolatey.org)
Getting latest version of the Chocolatey package for download.
Not using proxy.
Getting Chocolatey from https://chocolatey.org/api/v2/package/chocolatey/0.10.15.
Downloading https://chocolatey.org/api/v2/package/chocolatey/0.10.15 to C:\Users\31430\AppData\Local\Temp\chocolatey\cho
coInstall\chocolatey.zip
Not using proxy.
```

此时 node.js 就安装完了，Win+r 键调出 cmd 命令行，我们 node -v 和 npm -v 查看版本，有版本显示则说明安装成功



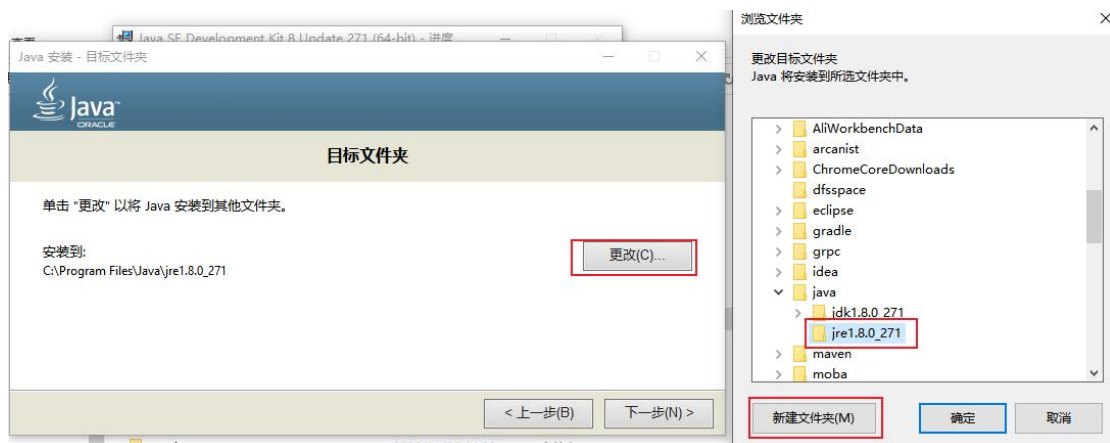
二、JDK1.8 安装与环境变量配置



这个安装路径是可以更改的, 默认是安装的 C 盘, 我是习惯把软件安装在 D 盘, 这样后面好找一些, 建议点击更改, 然后选下一步



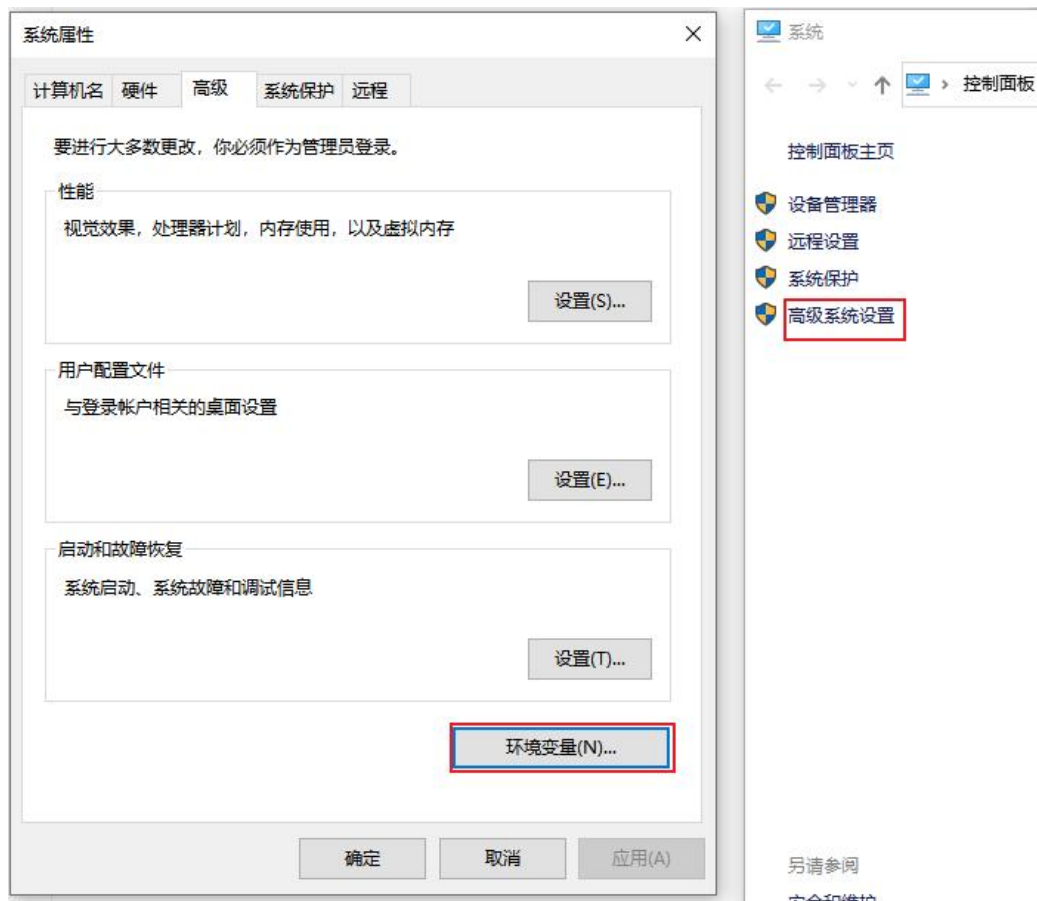
这里的 jre 同样安装在 D 盘，点击更改，在上面 jdk 的安装路径下新建一个 jre 的文件夹



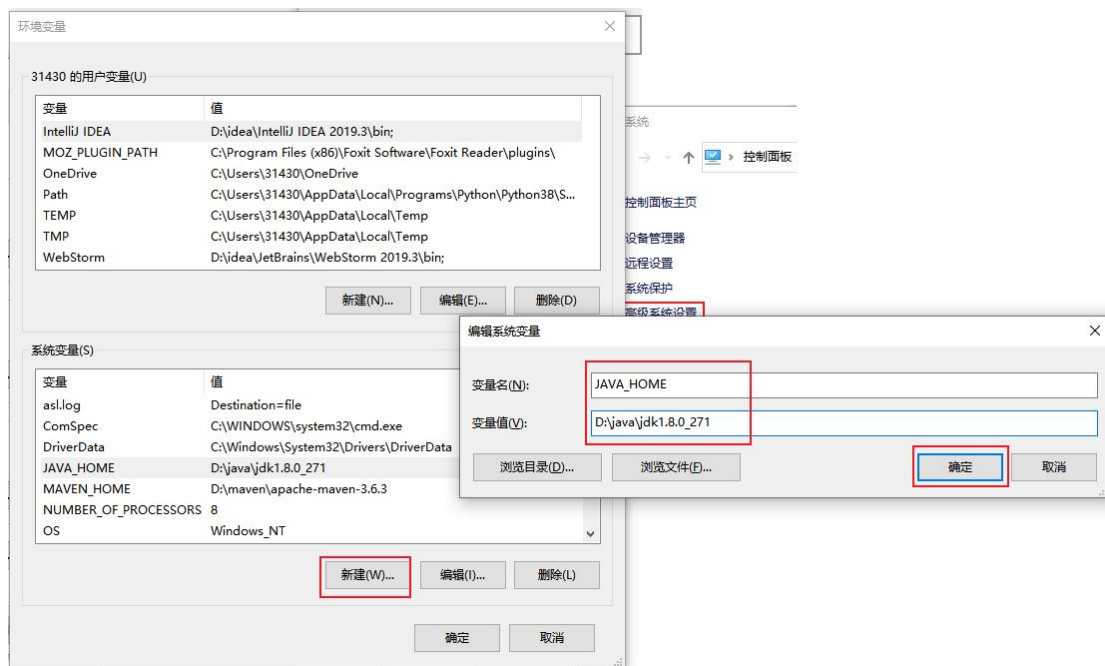


下面开始配置环境变量，打开我的电脑，鼠标右键->点击 属性

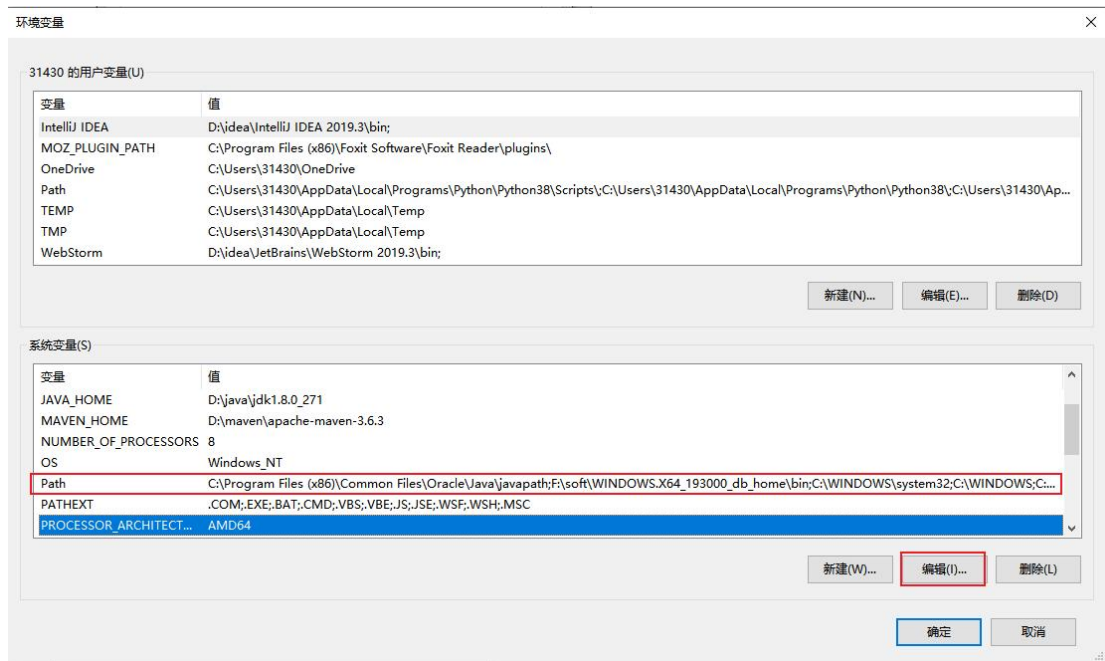




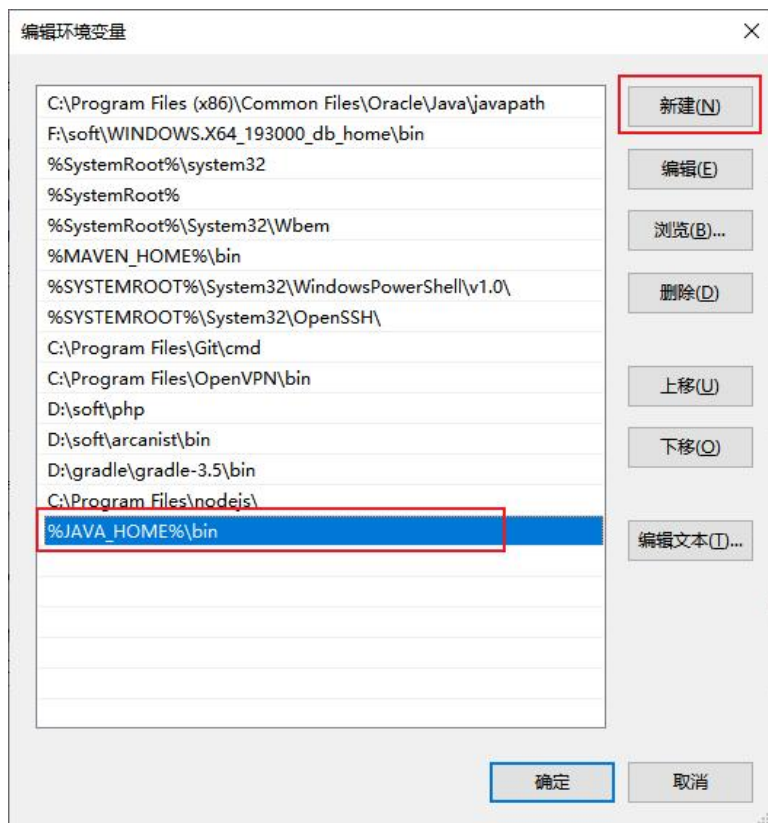
在环境变量窗口，点击新建，变量名为 `JAVA_HOME` 变量值为 `D:\java\jdk1.8.0_271` 这个变量值就是刚刚 jdk 的安装路径，建议大家跟我一样，免得后面出错找不到原因，编辑完之后点击确定



编辑 path 变量，选择 path 变量，点击编辑



接下来出现下面这个弹出框，部分同学的弹出框可能跟我是不一样的，我是 win10 专业版。如果跟我一样的，则选择新建，然后将刚刚配置的 java 环境变量配置进去 %JAVA_HOME%\bin 跟我一样也没关系，大家看我上面的截图，path 里面有很多环境变量，末尾是以英文封号结尾的，你只需要在在英文封号' ; ' 后面新增 %JAVA_HOME%\bin 即可

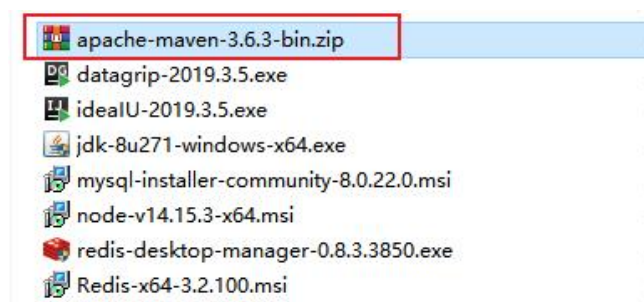


```
C:\WINDOWS\system32\cmd.exe
Microsoft Windows [版本 10.0.19041.804]
(c) 2020 Microsoft Corporation. 保留所有权利。

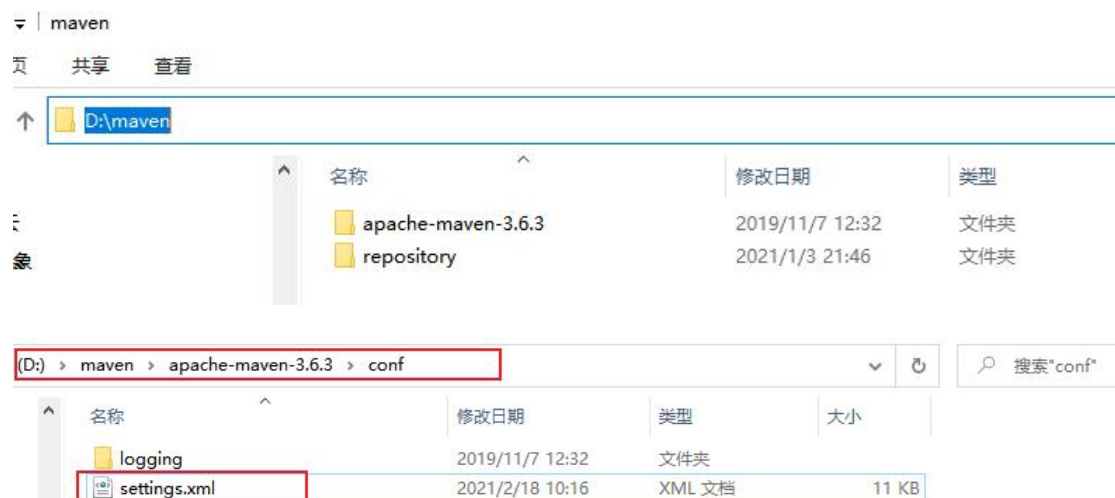
C:\Users\31430>java -version
java version "1.8.0_271"
Java(TM) SE Runtime Environment (build 1.8.0_271-b09)
Java HotSpot(TM) 64-Bit Server VM (build 25.271-b09, mixed mode)
```

配置完环境变量后，我们 win+r 打开 cmd，输入 `java -version` 看看 jdk 的版本，有版本则说明安装成功

三、Maven 安装与环境变量配置



将 `apache-maven-3.6.3-bin.zip` 拷贝到你的本地磁盘并解压，我是放在 D 盘，建议大家所有配置和路径都跟我一样，免得出问题找不到原因
在 D 盘新建一个 maven 文件夹，然后将 `apache-maven-3.6.3-bin.zip` 解压出来，同时在 D:\maven 下新建一个文件夹叫做 repository，这个就是 maven 的仓库，后面架包都会下载到 repository 这个目录下



大概在 55 行的样子，修改的本地仓库地址，将刚刚 repository 的路径贴进去 `D:\maven\repository`

```

37 | NOTE: This location can be overridden with the CLI option:
38 |
39 | -gs /path/to/global/settings.xml
40 |
41 | The sections in this sample file are intended to give you a running start at
42 | getting the most out of your Maven installation. Where appropriate, the default
43 | values (values used when the setting is not specified) are provided.
44 |
45 | -->
46 | <settings xmlns="http://maven.apache.org/SETTINGS/1.0.0"
47 |           xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
48 |           xsi:schemaLocation="http://maven.apache.org/SETTINGS/1.0.0 http://maven.apache.org/xsd/settings-1.0.0.xsd">
49 |   <!-- localRepository
50 |    | The path to the local repository maven will use to store artifacts.
51 |    |
52 |    | Default: ${user.home}/.m2/repository
53 |    |>
54 |   <localRepository>/path/to/local/repo</localRepository>
55 |   <localRepository>D:\maven\repository</localRepository>
56 |   <!-- interactiveMode
57 |    | This will determine whether maven prompts you when it needs input. If set to false,
58 |    | maven will use a sensible default value, perhaps based on some other setting, for
59 |    | the parameter in question.
60 |    |
61 |    | Default: true
62 |    |>
63 |   <interactiveMode>true</interactiveMode>
64 |   -->
65 |   <!-- offline

```

配置阿里云镜像仓库，因为网络原因，国外的服务器下载架包会很慢，在节点下新增下面的配置

```

<mirror>
<id>alimaven</id>
<name>aliyun maven</name>
<url>https://maven.aliyun.com/repository/public/</url>
<mirrorOf>central</mirrorOf>
</mirror>
<mirror>
<id>repo2</id>
<mirrorOf>central</mirrorOf>
<name>Human Readable Name for this Mirror.</name>
<url>http://repo2.maven.org/maven2/</url>
</mirror>
<mirror>
<id>ui</id>
<mirrorOf>central</mirrorOf>
<name>Human Readable Name for this Mirror.</name>
<url>http://uk.maven.org/maven2/</url>
</mirror>

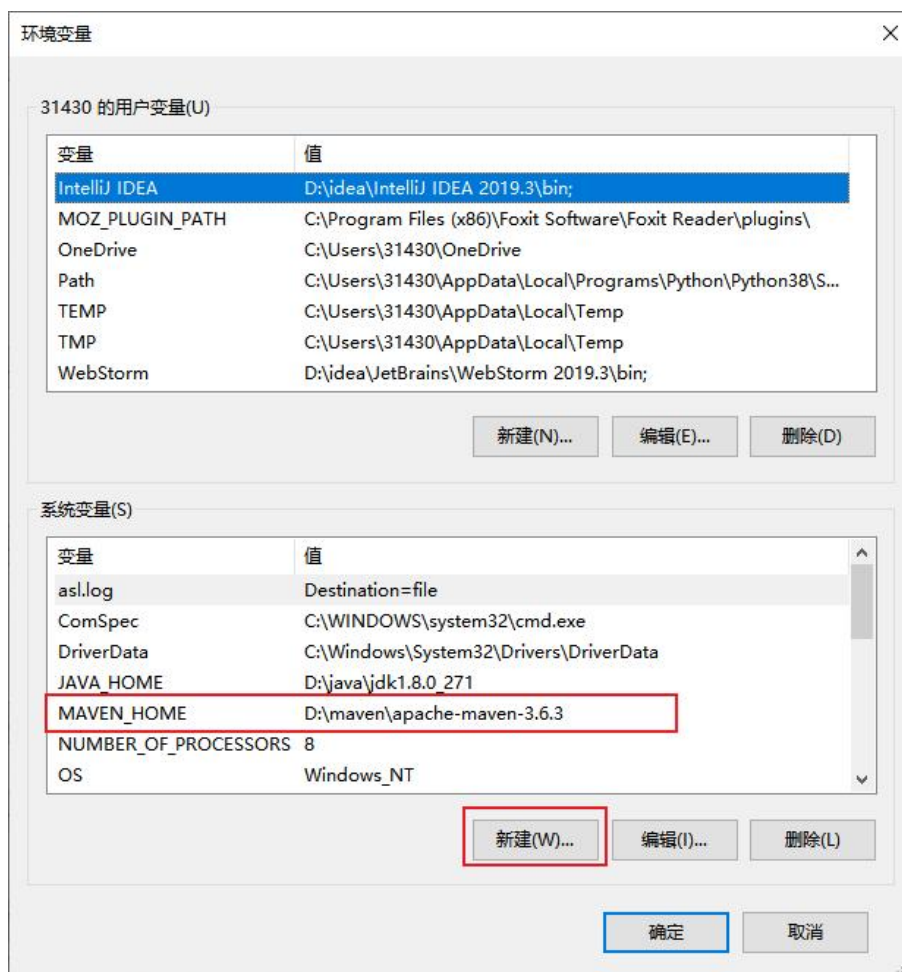
```

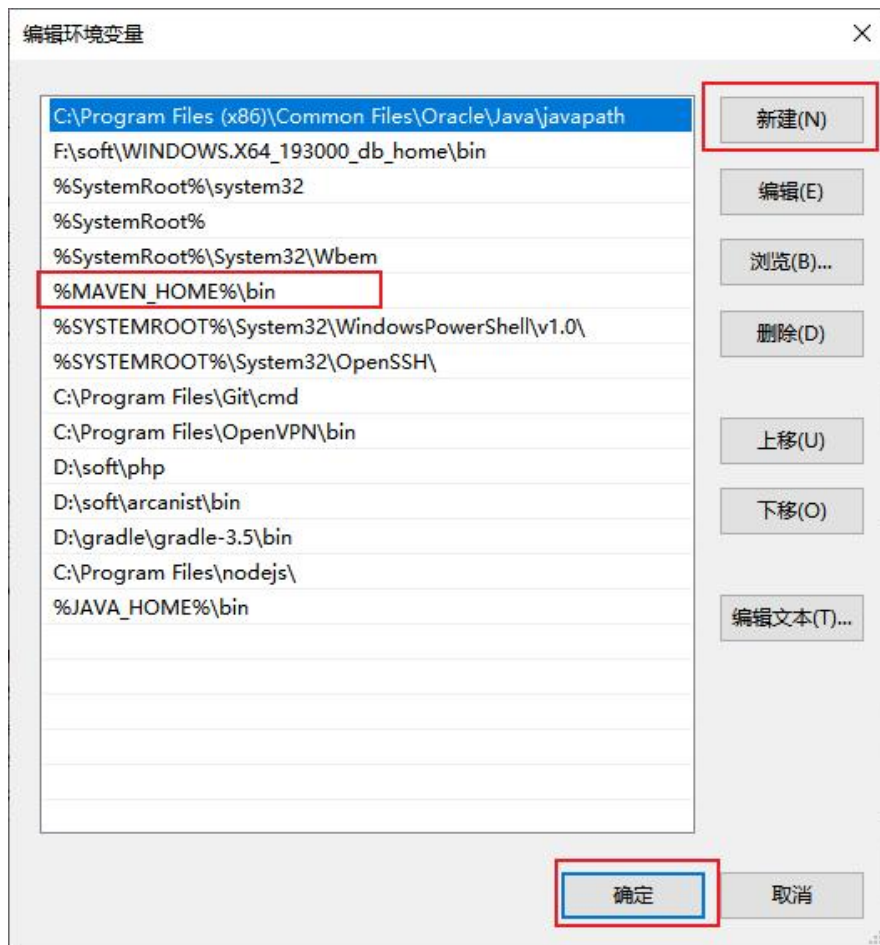
```

164 <!--
165 <mirror>
166 <id>alimaven</id>
167 <name>aliyun maven</name>
168 <url>http://maven.aliyun.com/nexus/content/groups/public/</url>
169 <mirrorOf>central</mirrorOf>
170 </mirror>
171 -->
172 <mirror>
173 <id>alimaven</id>
174 <name>aliyun maven</name>
175 <url>https://maven.aliyun.com/repository/public/</url>
176 <mirrorOf>central</mirrorOf>
177 </mirror>
178 <mirror>
179 <id>repo2</id>
180 <mirrorOf>central</mirrorOf>
181 <name>Human Readable Name for this Mirror.</name>
182 <url>http://repo2.maven.org/maven2/</url>
183 </mirror>
184 <mirror>
185 <id>ui</id>
186 <mirrorOf>central</mirrorOf>
187 <name>Human Readable Name for this Mirror.</name>
188 <url>http://uk.maven.org/maven2/</url>
189 </mirror>
190
191 </mirrors>
192
193 <!-- profiles -->

```

修改完配置文件后，我们设置下 maven 的环境变量，方式跟上面 java 的环境变量一样



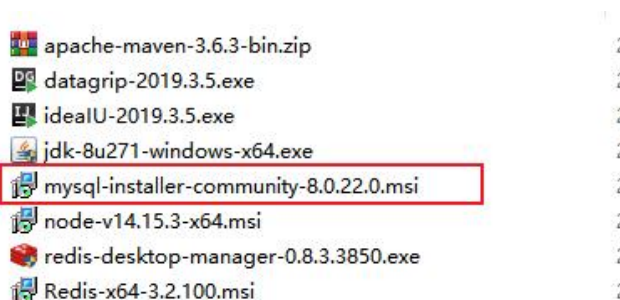


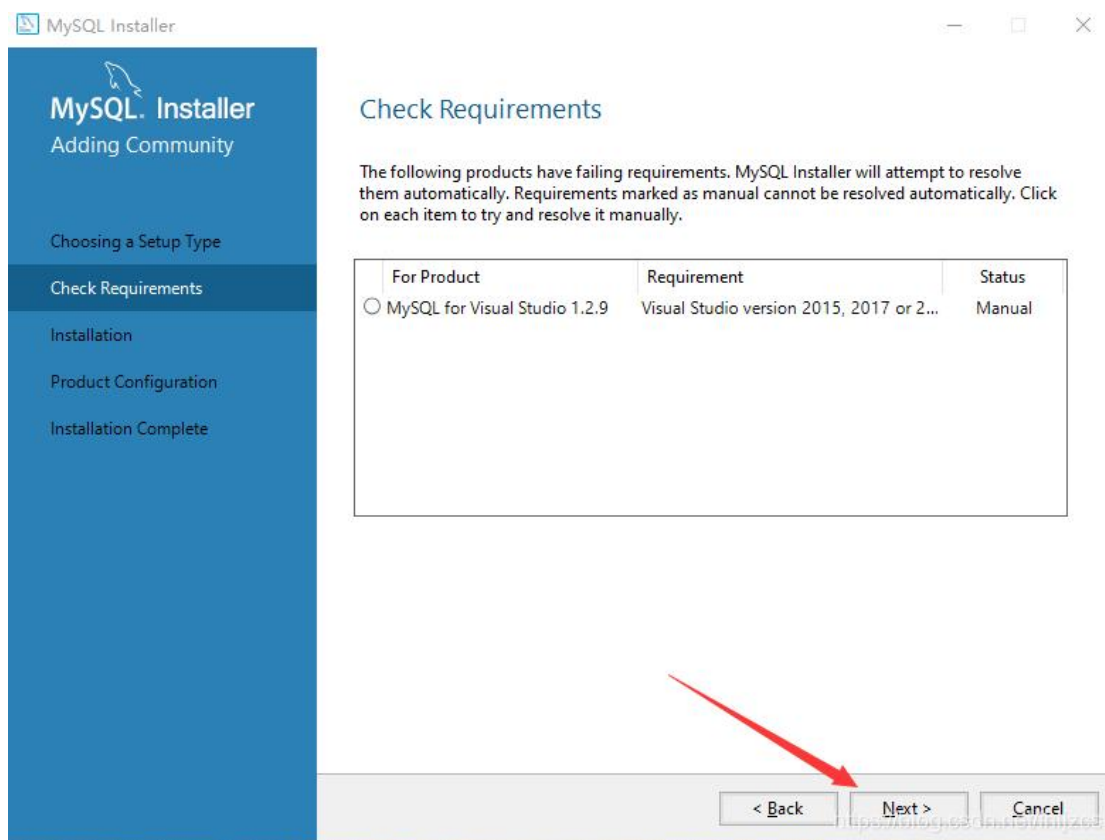
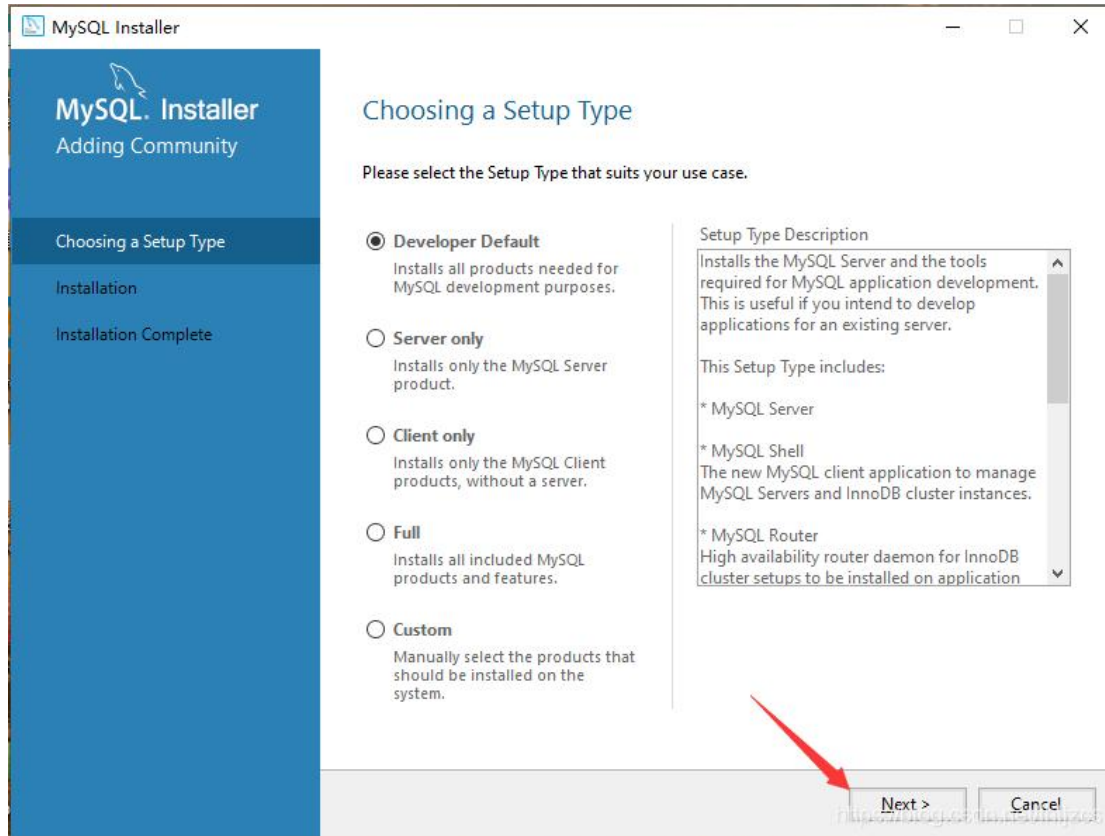
在 cmd 命令窗口，输入 `mvn -v` 查看 maven 的版本，有版本信息则说明 maven 安装成功了

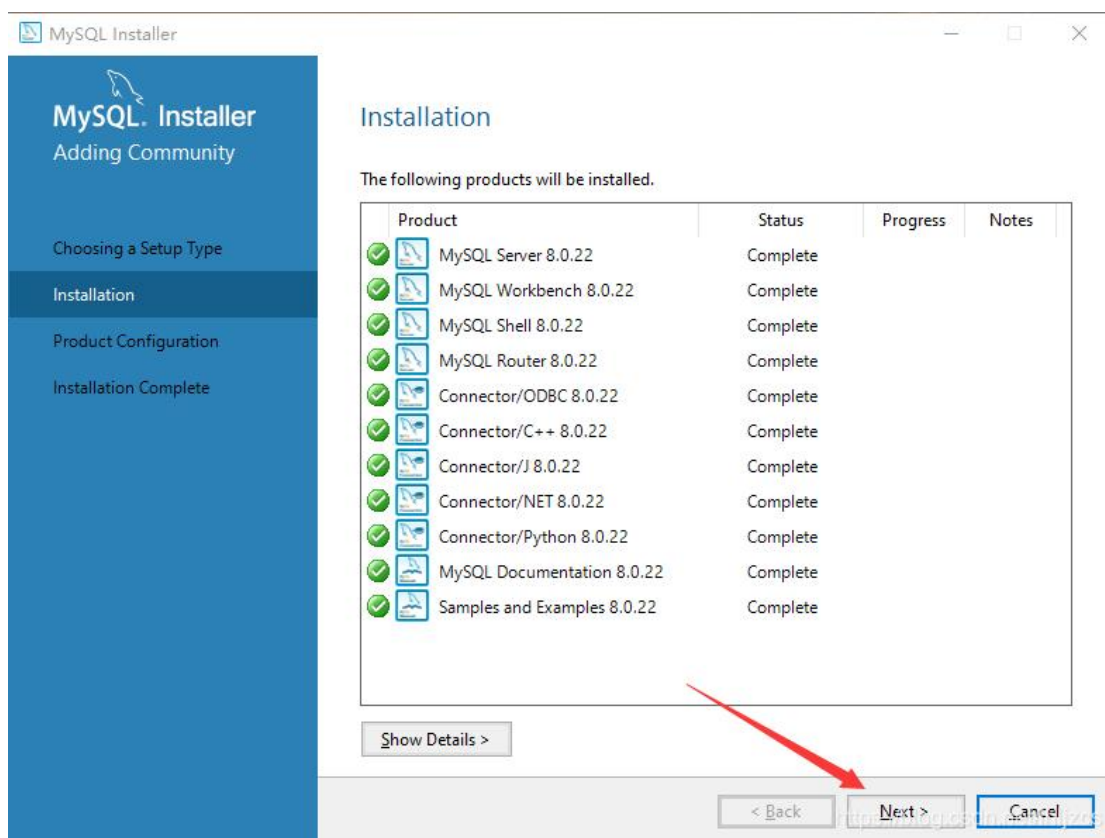
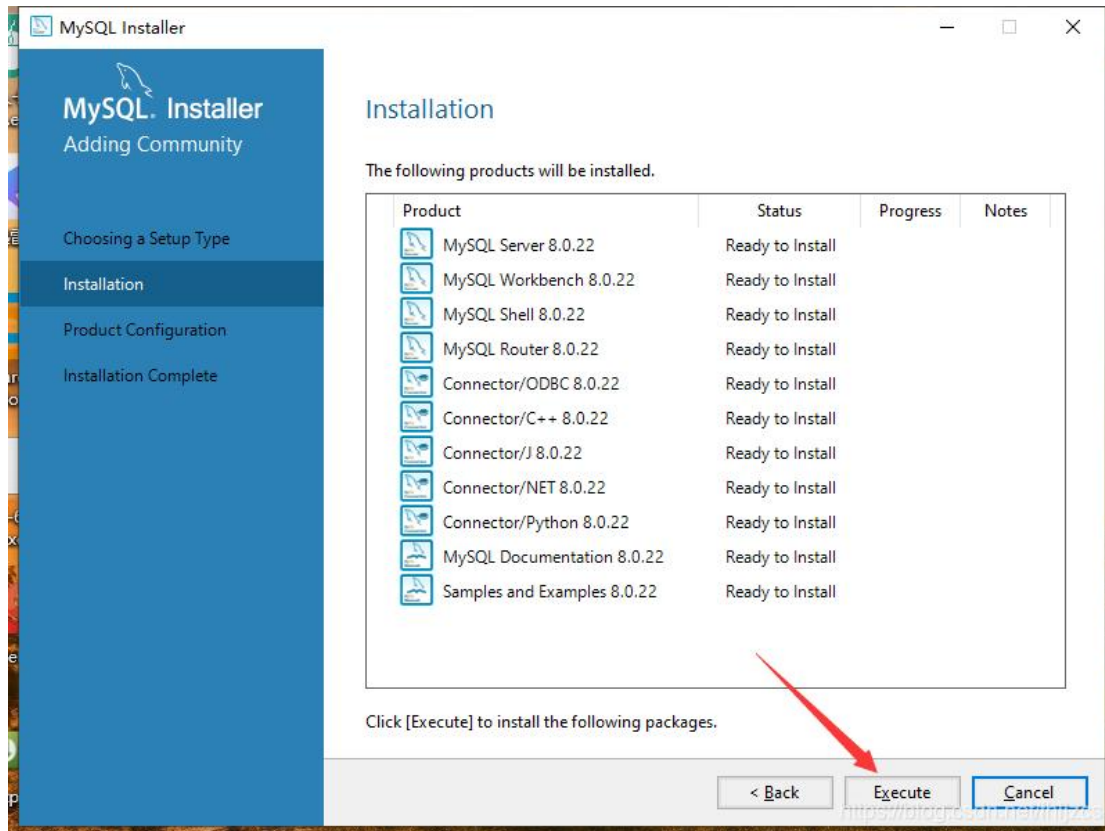
```
C:\WINDOWS\system32\cmd.exe
Microsoft Windows [版本 10.0.19041.804]
(c) 2020 Microsoft Corporation. 保留所有权利。

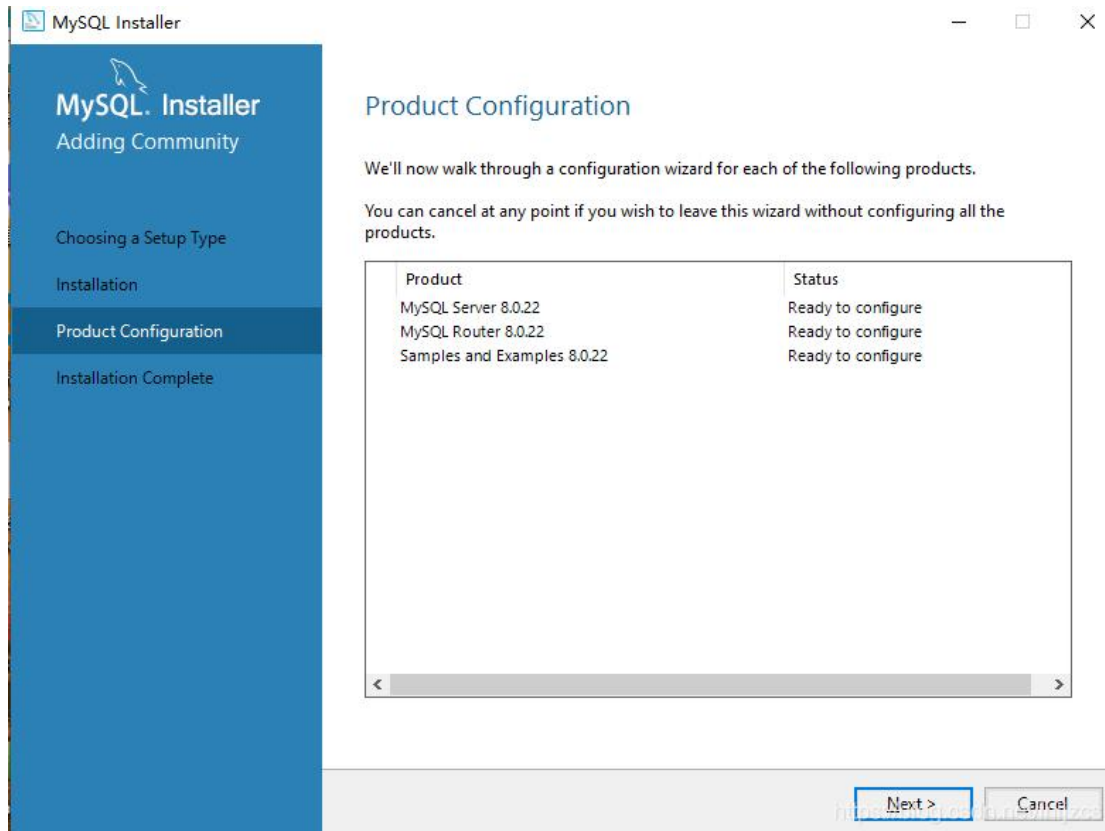
C:\Users\31430>mvn -v
Apache Maven 3.6.3 (cecedd343002696d0abb50b32b541b8a6ba2883f)
Maven home: D:\maven\apache-maven-3.6.3\bin\..
Java version: 1.8.0_271, vendor: Oracle Corporation, runtime: D:\java\jdk1.8.0_271\jre
Default locale: zh_CN, platform encoding: GBK
OS name: "windows 10", version: "10.0", arch: "amd64", family: "windows"
```

四、MySQL 数据库安装

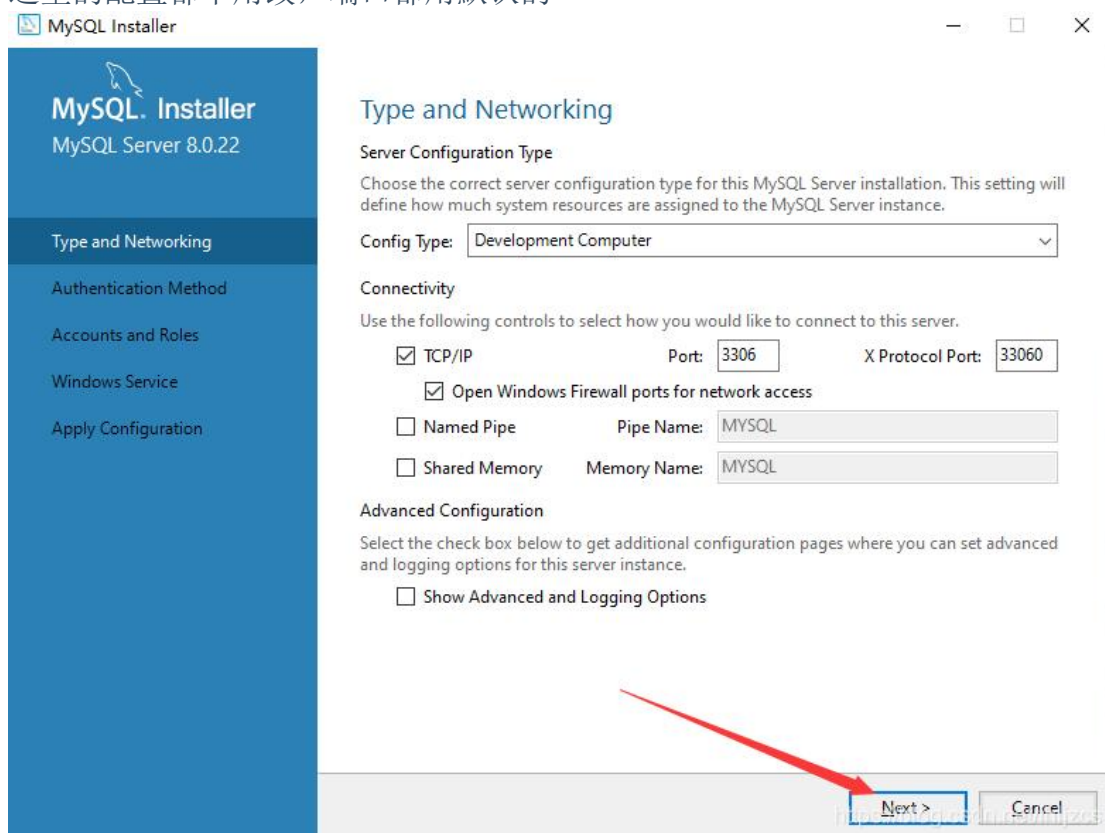


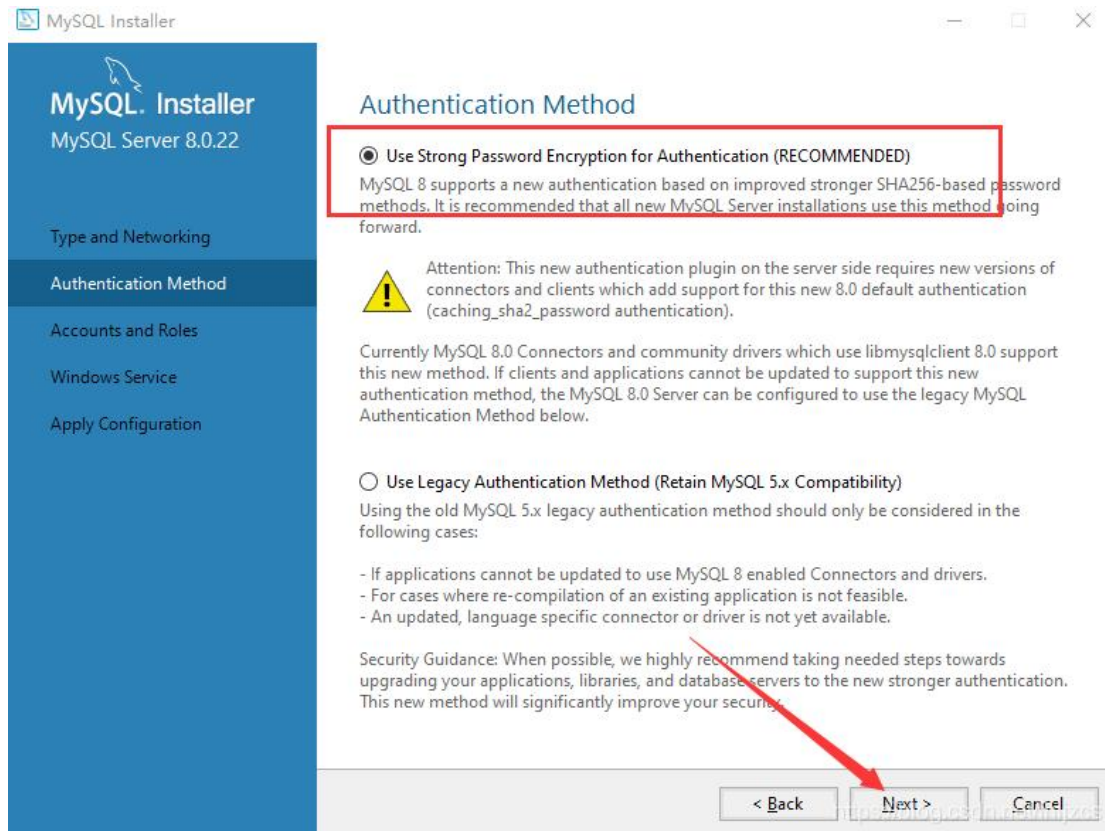




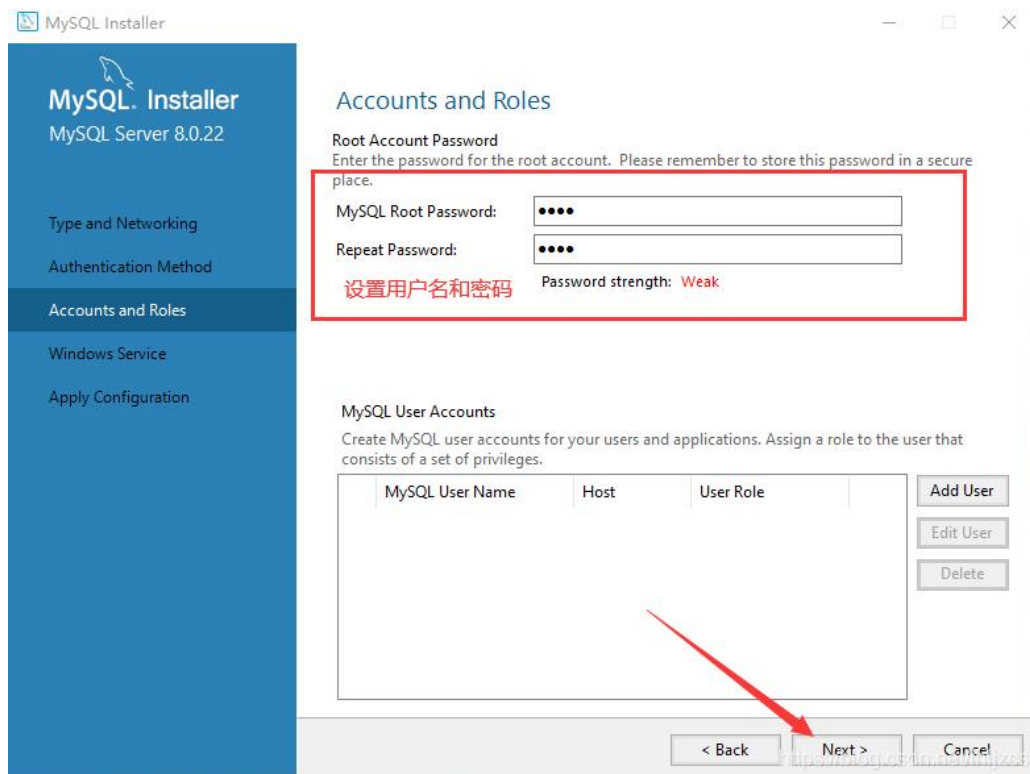


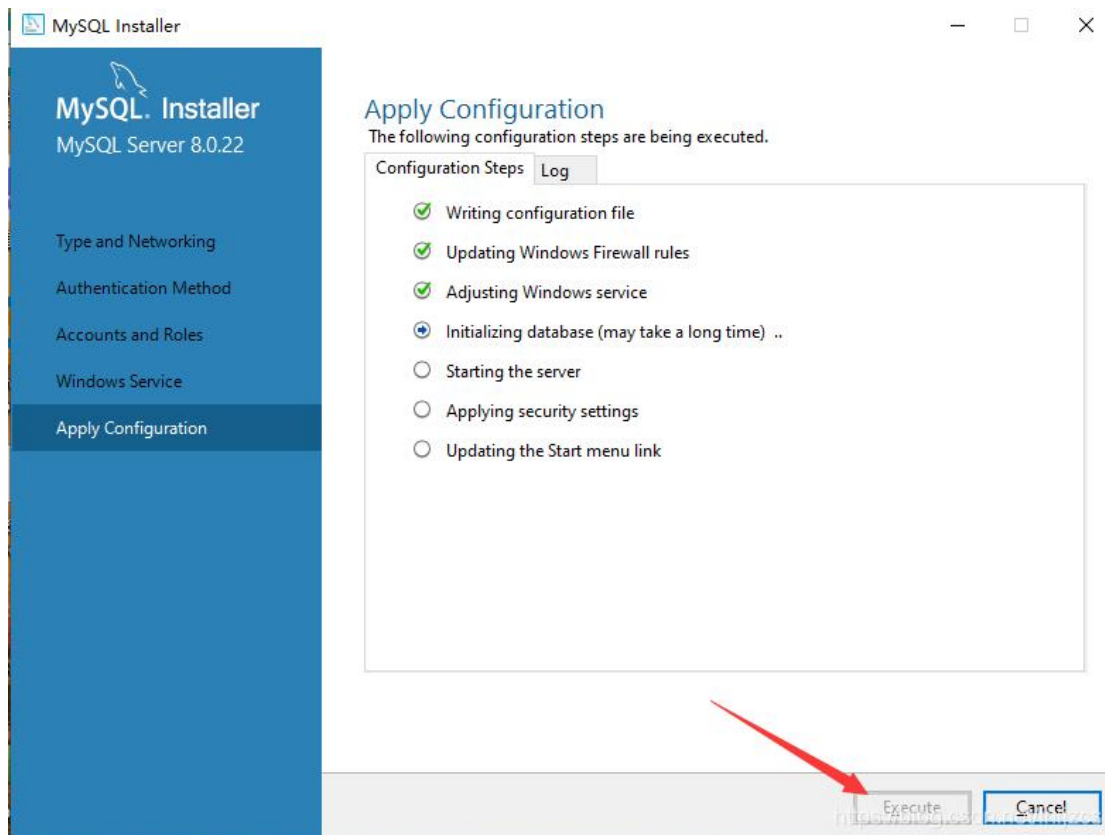
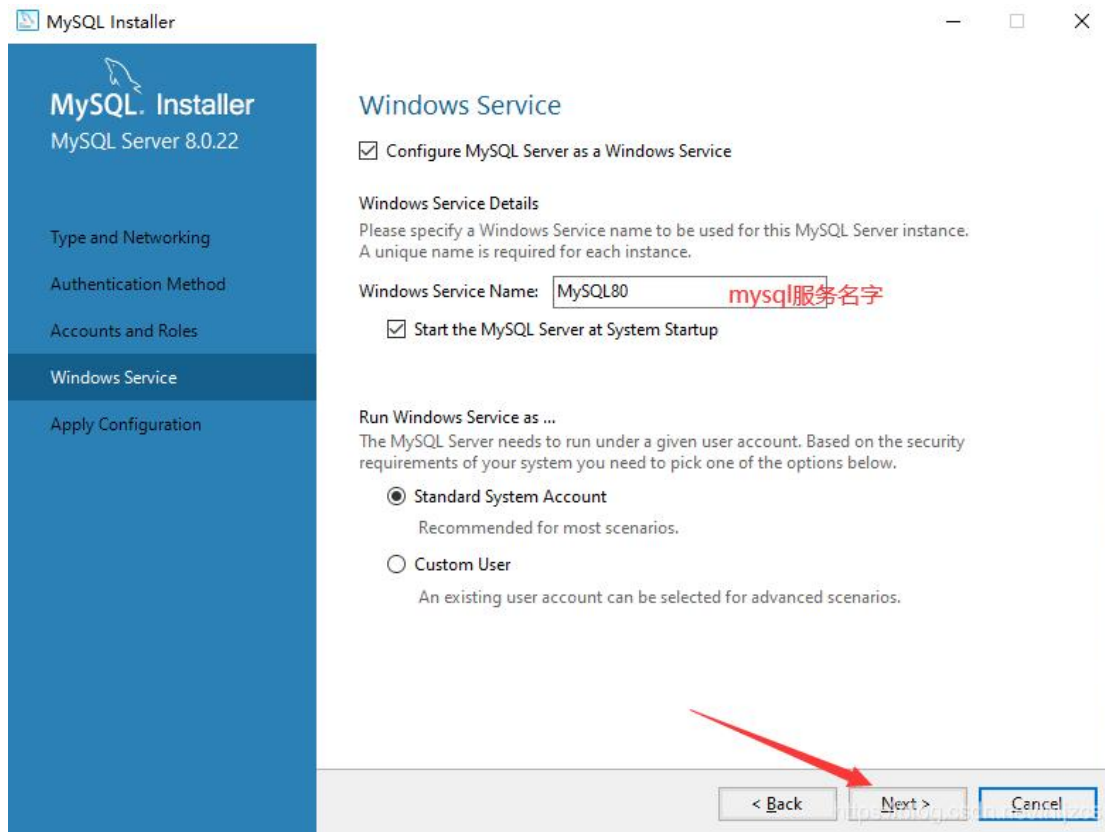
这里的配置都不用改，端口都用默认的

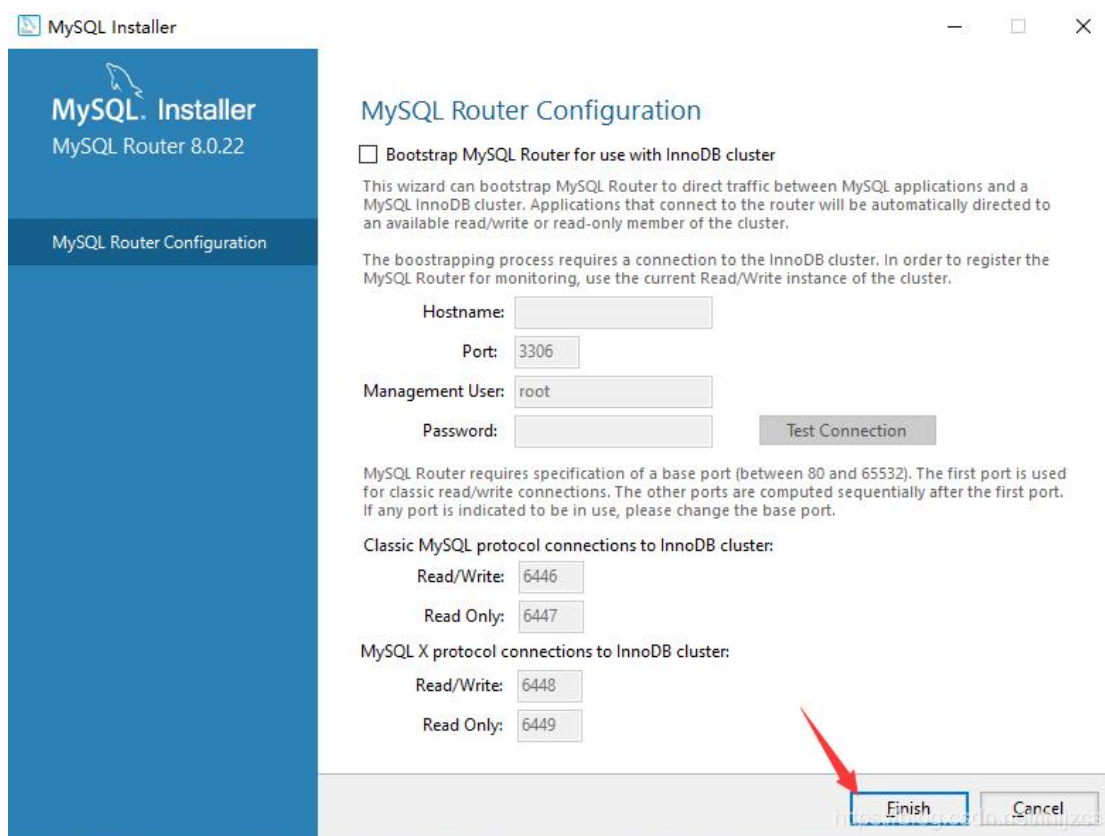
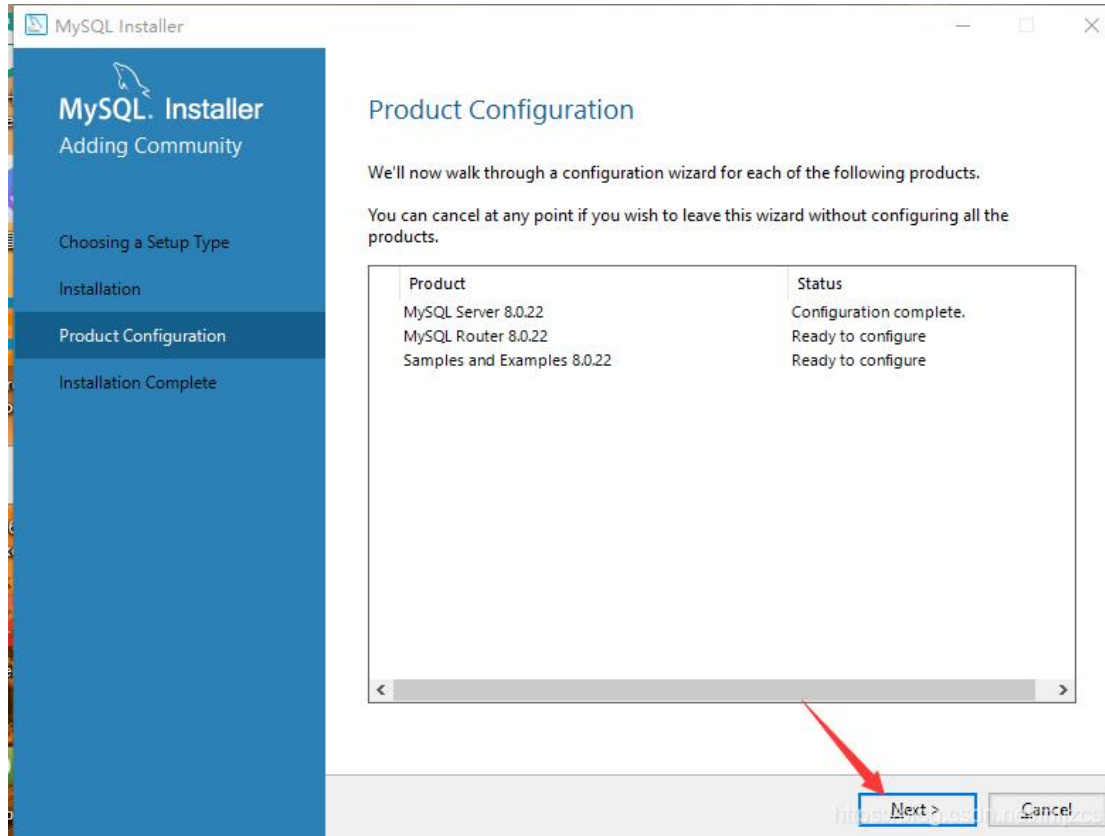


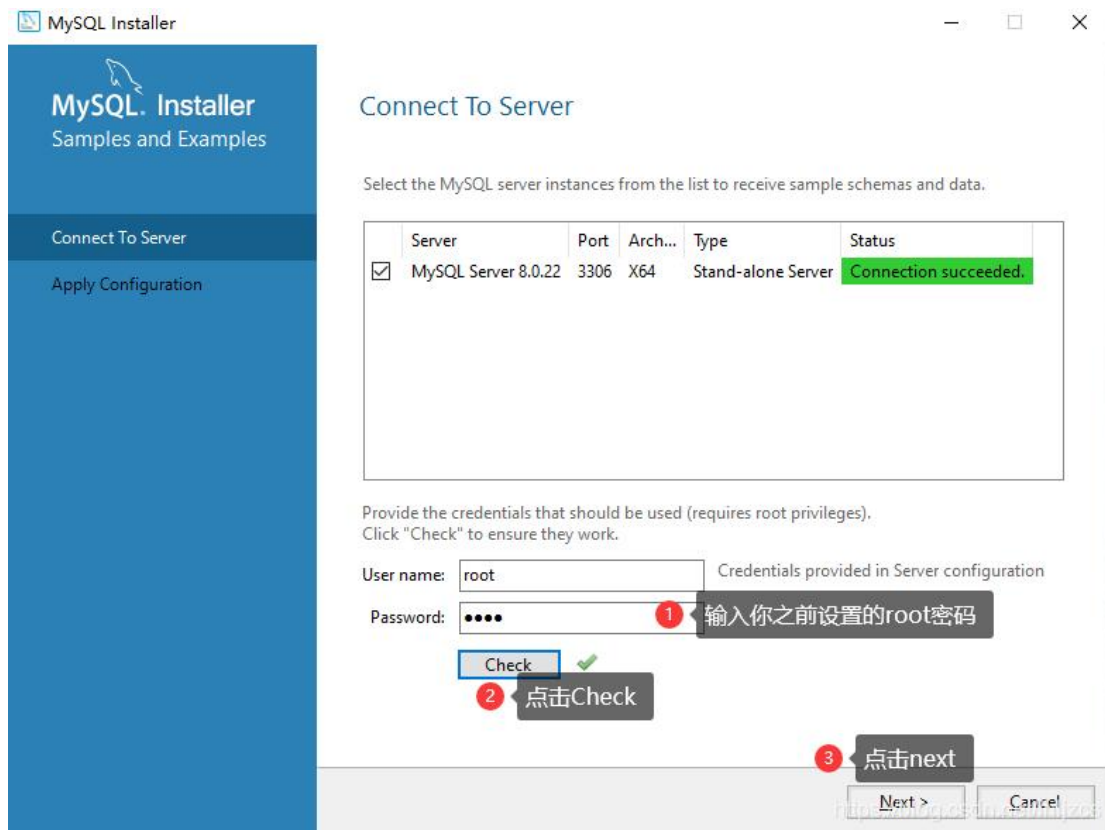
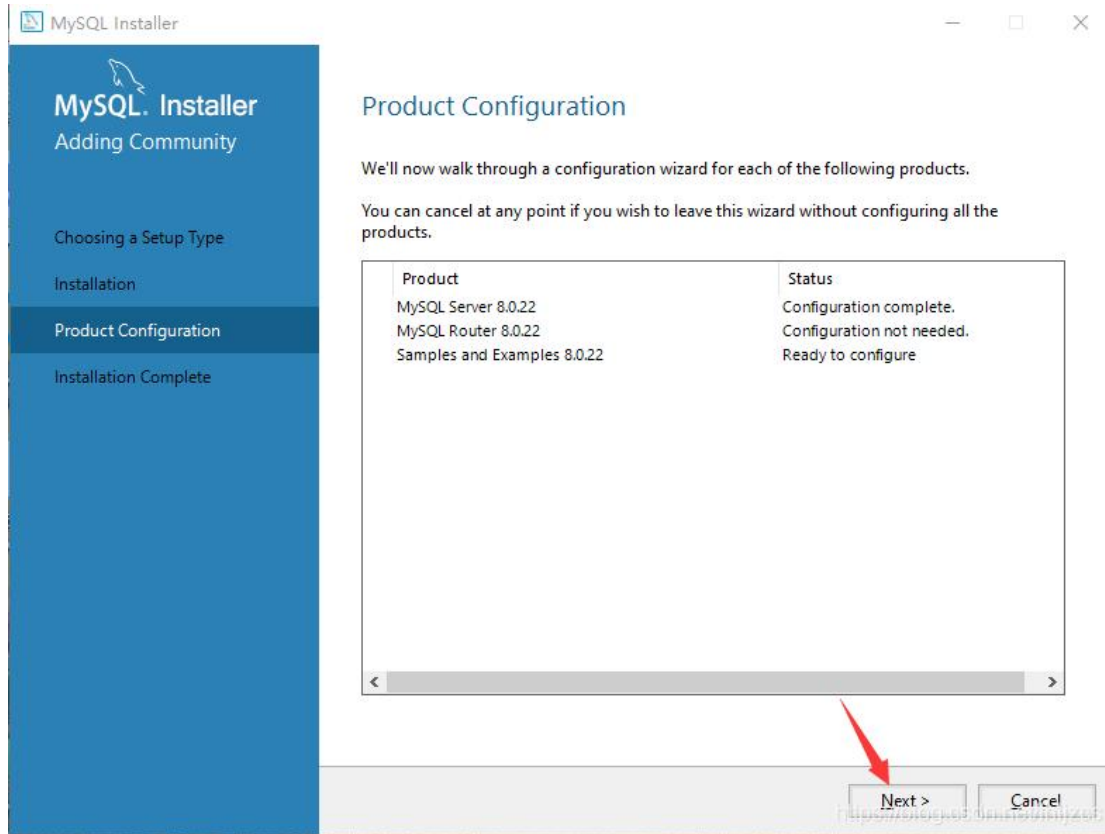


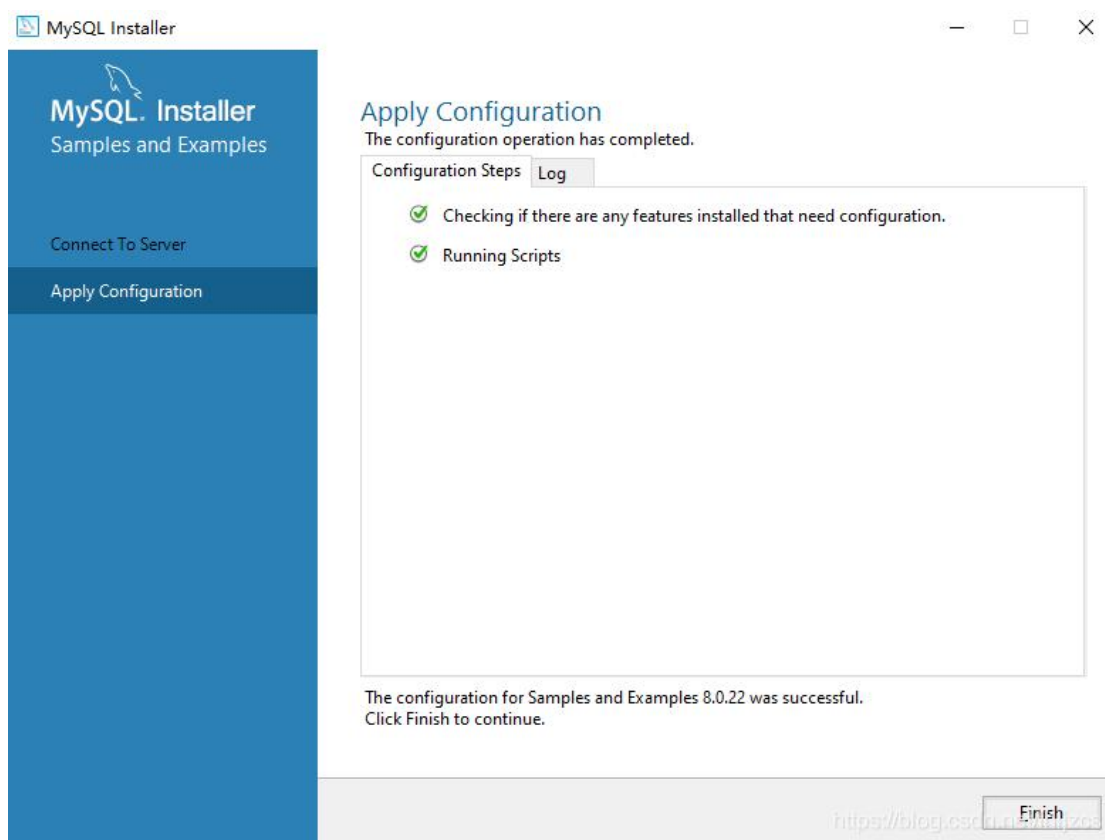
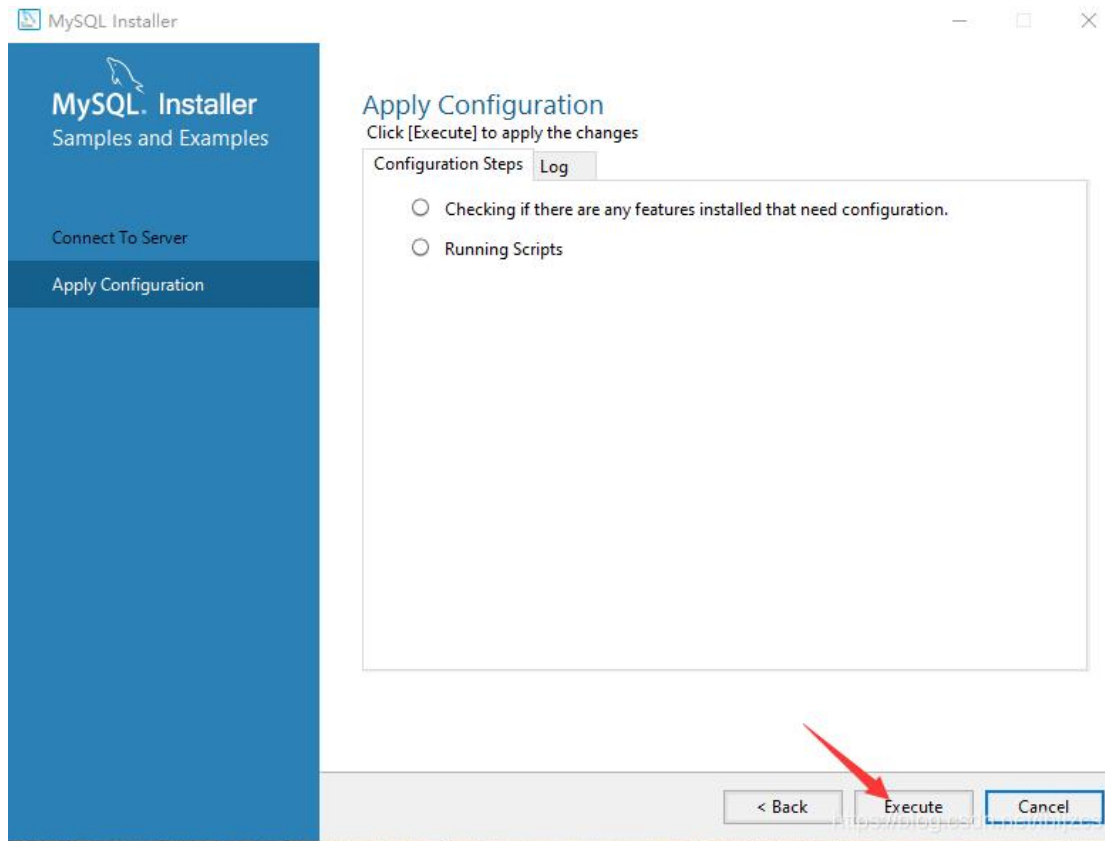
这里的密码强烈建议用 6807234，因为我本地的数据库账号是 root，密码就是 6807234，这样你后面运行项目就不用去改配置文件的数据库密码了

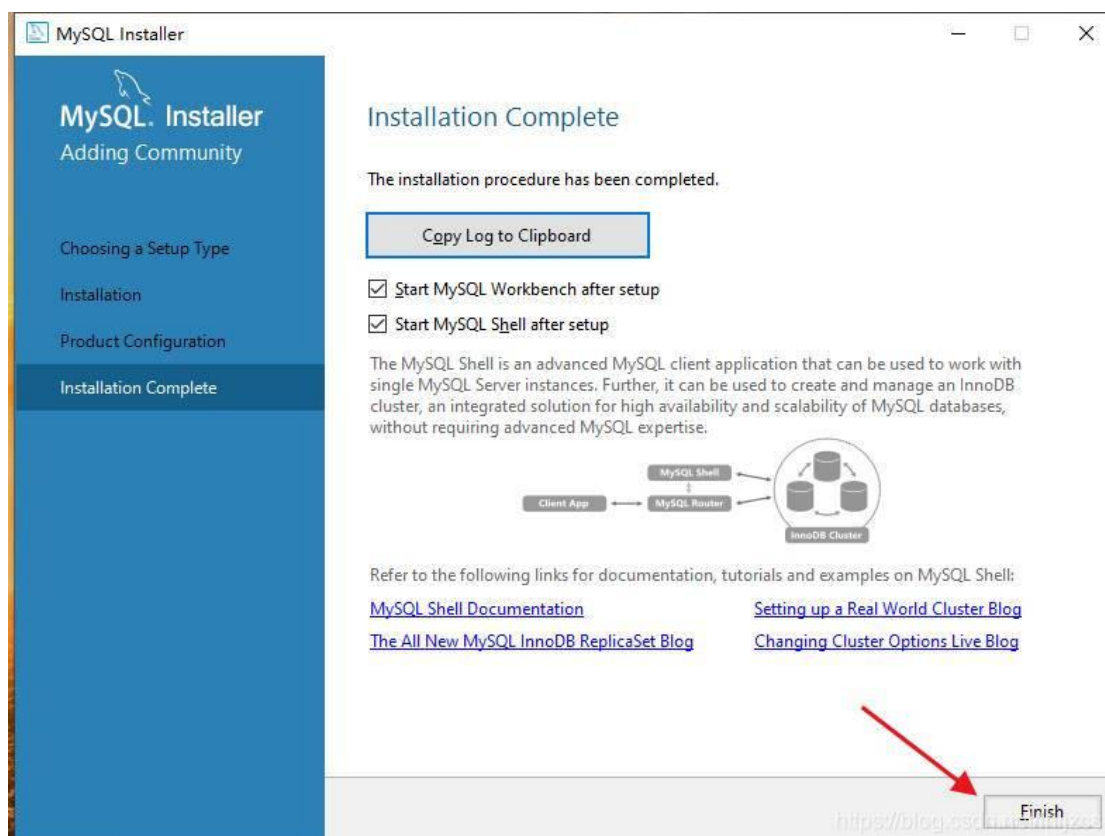
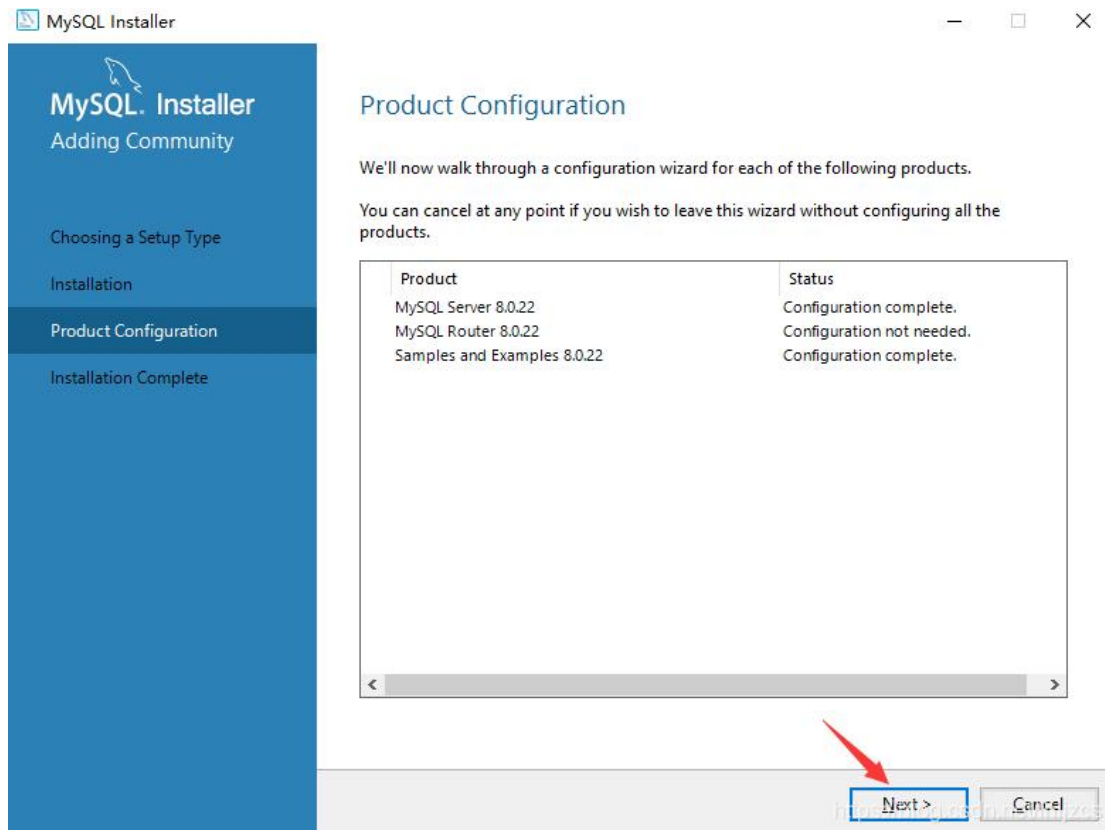
















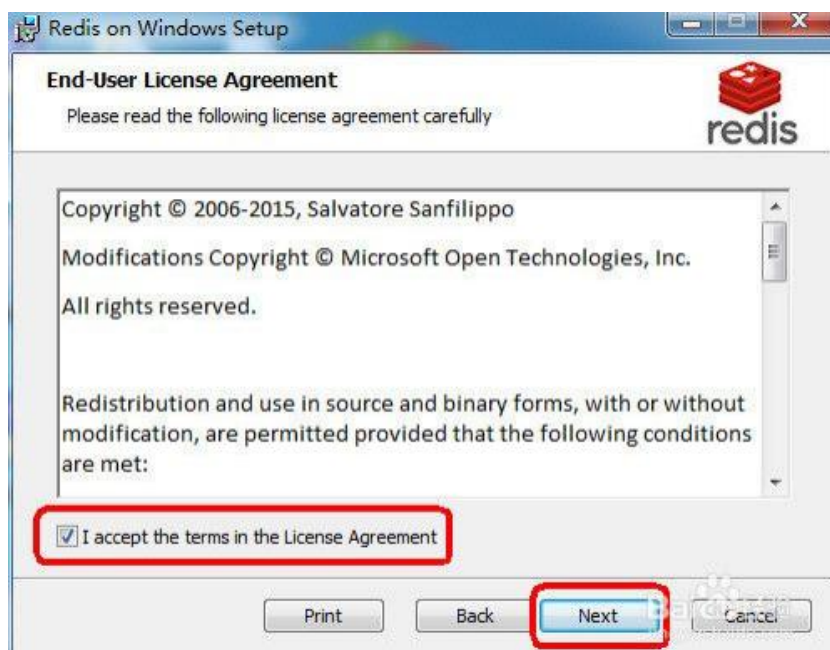


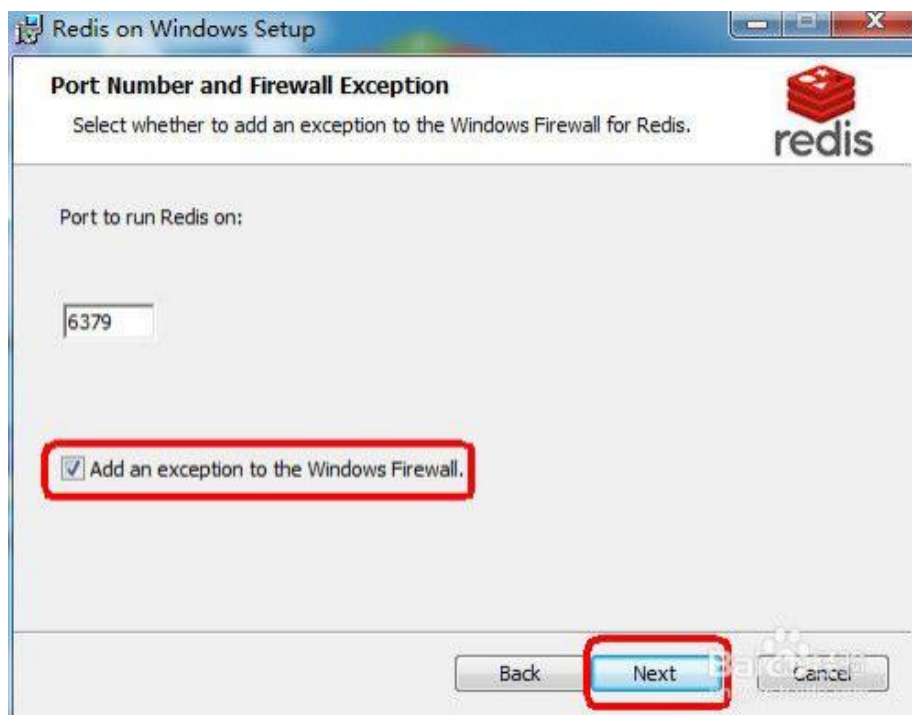
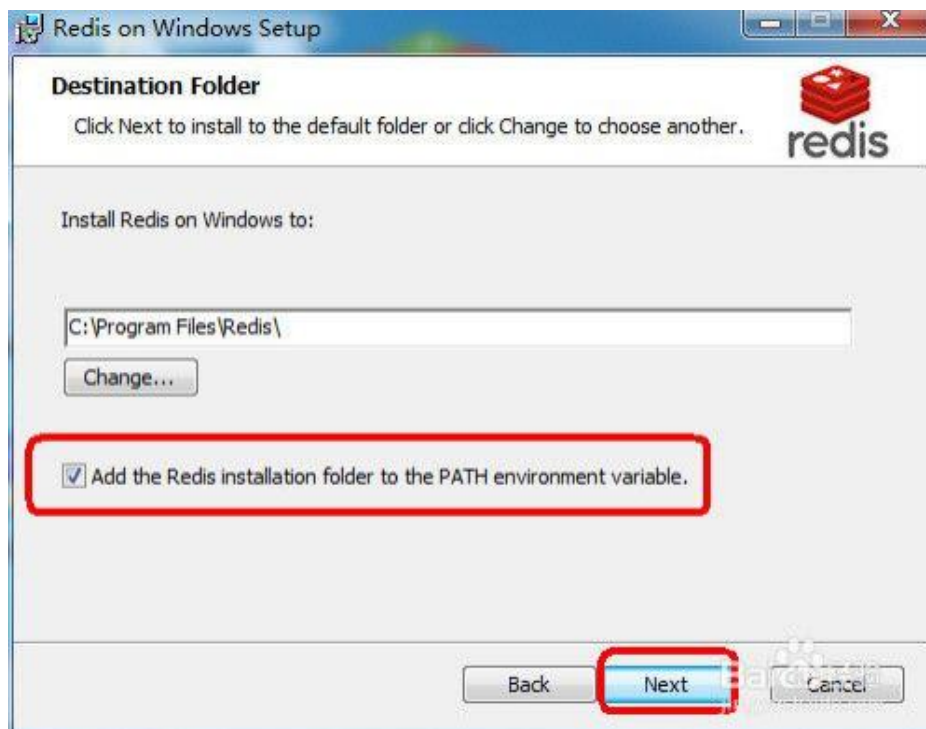




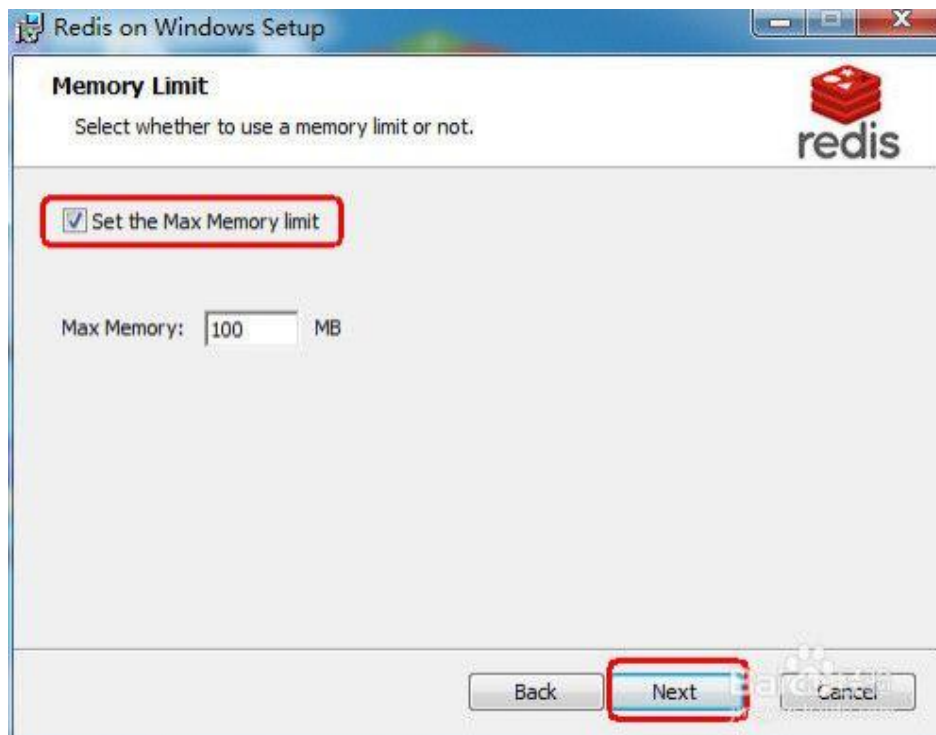
五、Redis 安装

 apache-maven-3.6.3-bin.zip	2020/12/27 10:59
 datagrip-2019.3.5.exe	2021/3/5 20:22
 idealU-2019.3.5.exe	2021/3/5 20:25
 important.txt	2021/2/9 12:58
 jdk-8u271-windows-x64.exe	2020/12/27 10:58
 jetbrains-agent.jar	2020/1/31 10:24
 mysql-installer-community-8.0.22.0.msi	2020/12/27 10:57
 node-v14.15.3-x64.msi	2020/12/27 11:10
 redis-desktop-manager-0.8.3.3850.exe	2020/5/17 10:29
 Redis-x64-3.2.100.msi	2020/5/17 10:25





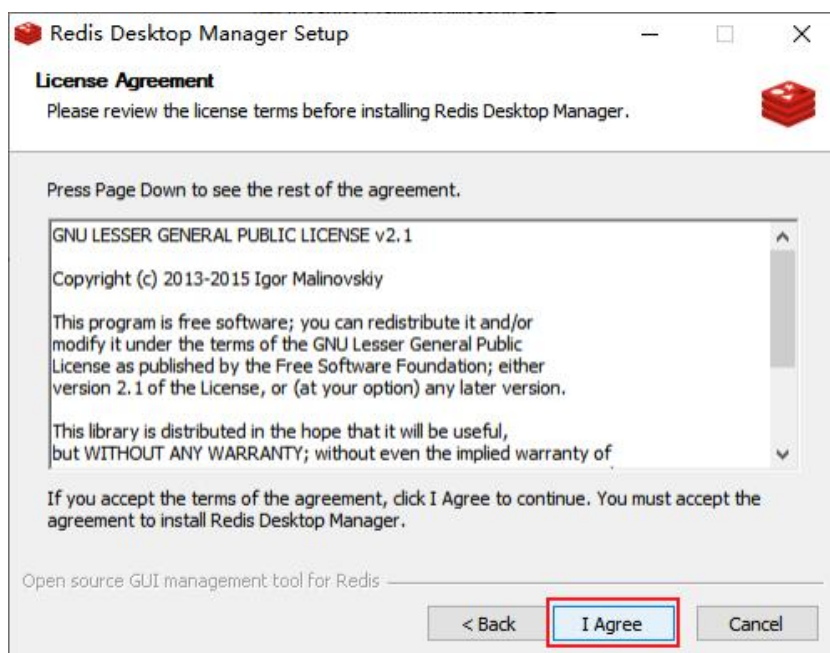
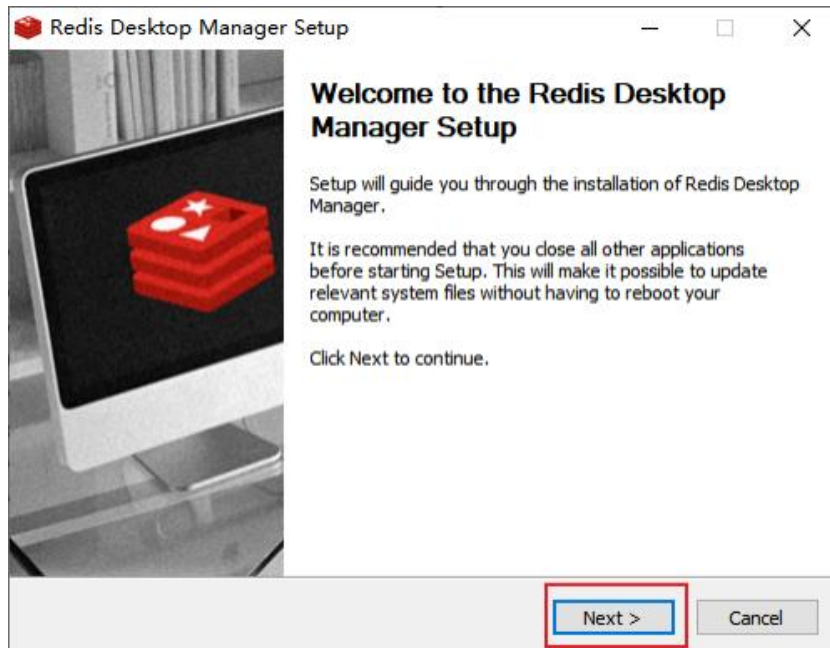
这里的 redis 内存大小配置，如果你电脑内存有 8G 及以上，建议配置成 500MB，免得后面 100MB 不够用

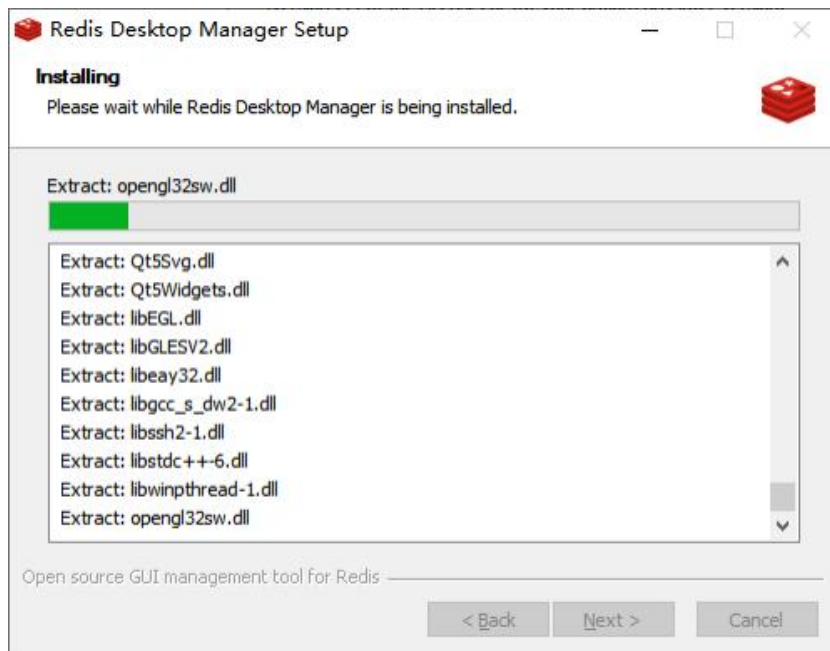
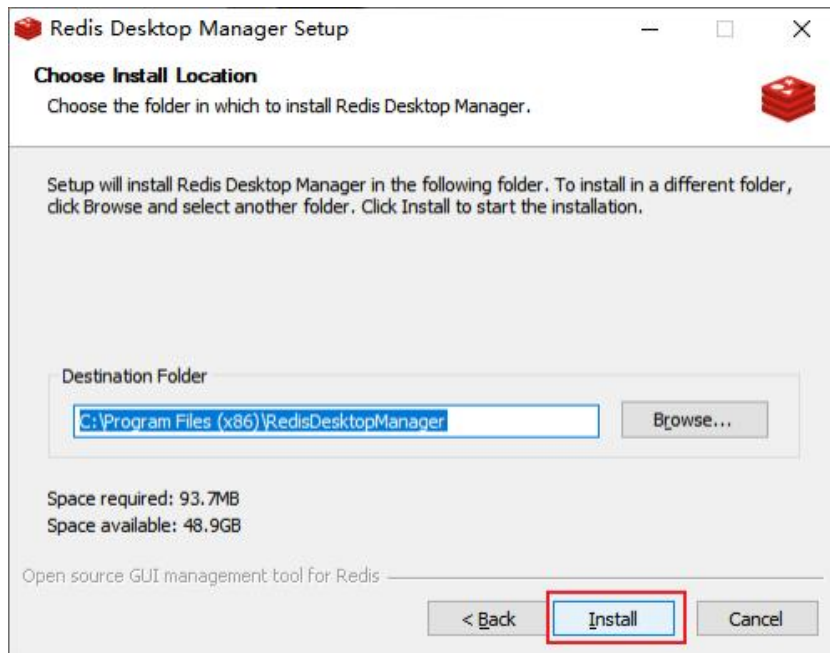


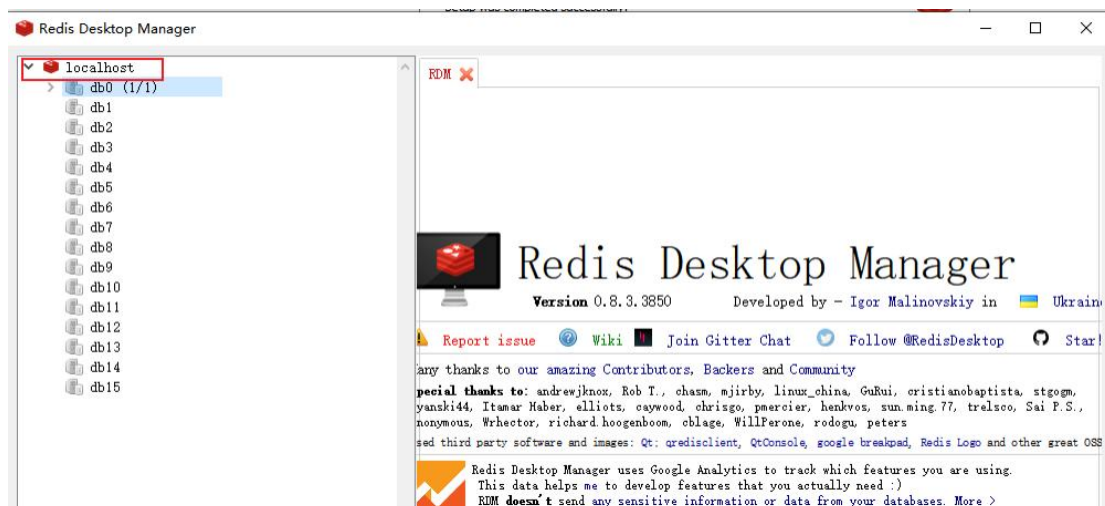
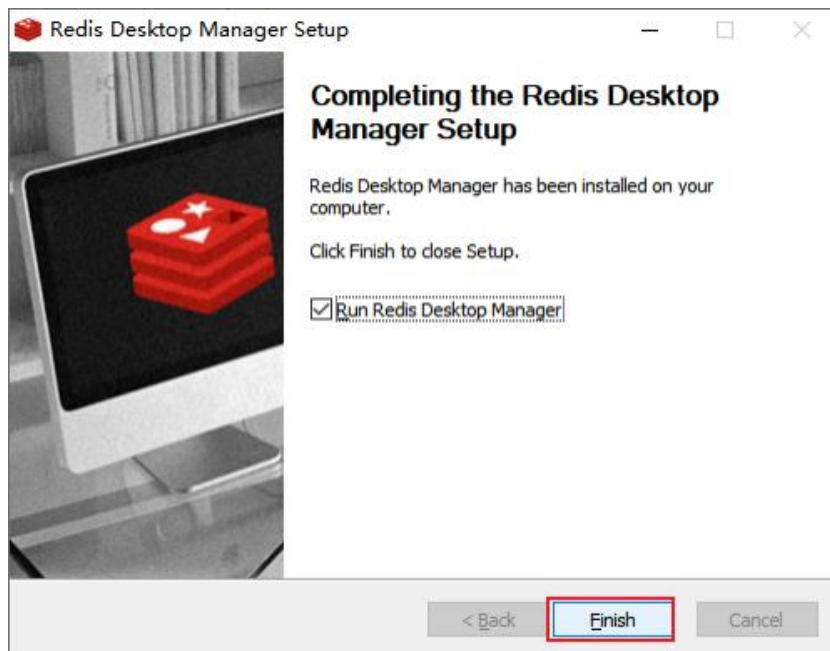
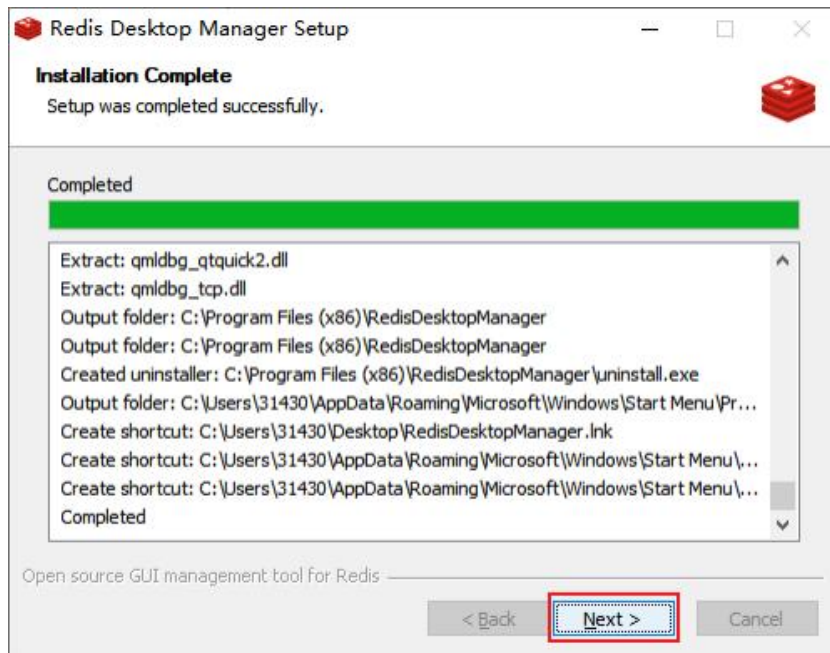


apache-maven-3.6.3-bin.zip	2020/12/27 10:59
datagrip-2019.3.5.exe	2021/3/5 20:22
idealU-2019.3.5.exe	2021/3/5 20:25
important.txt	2021/2/9 12:58
jdk-8u271-windows-x64.exe	2020/12/27 10:58
jetbrains-agent.jar	2020/1/31 10:24
mysql-installer-community-8.0.22.0.msi	2020/12/27 10:57
node-v14.15.3-x64.msi	2020/12/27 11:10
redis-desktop-manager-0.8.3.3850.exe	2020/5/17 10:29
Redis-x64-3.2.100.msi	2020/5/17 10:25









这个软件是 redis 的可视化工具，如果你想看下 redis 的数据结构以及自己练习下 redis 语法，你可以安装

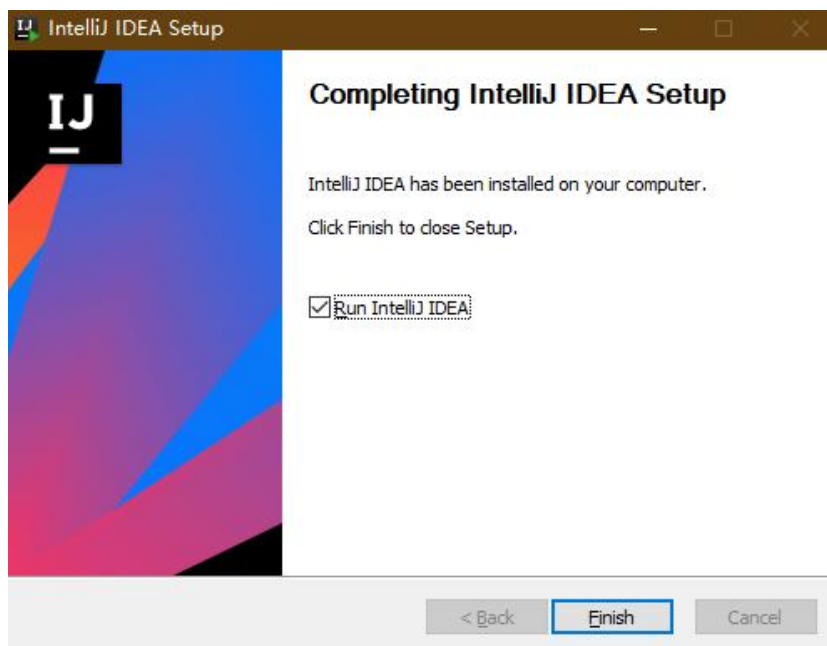
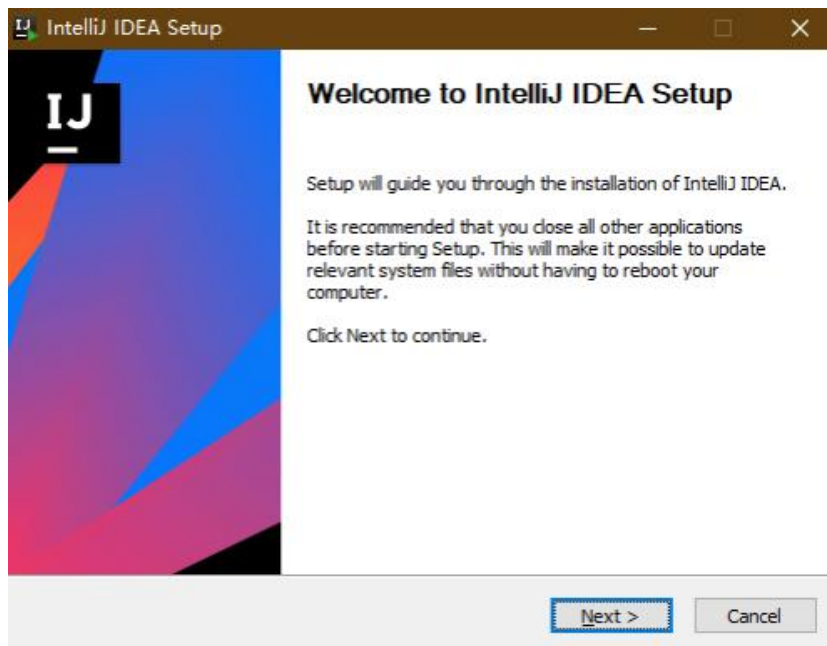


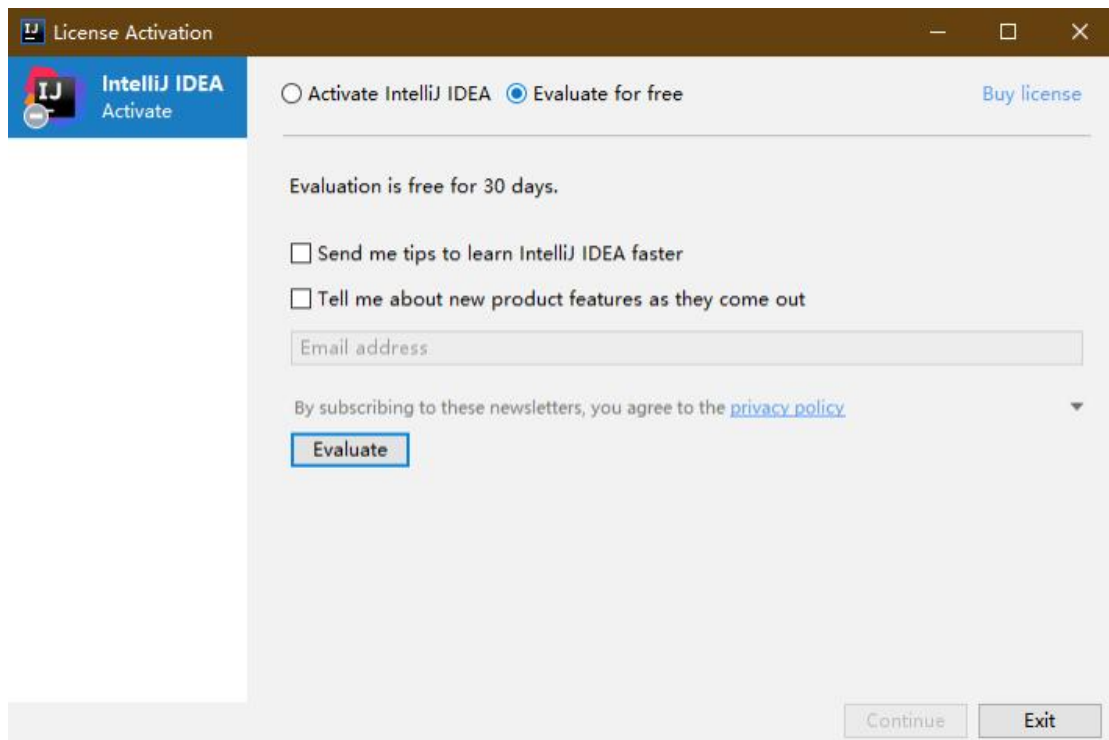




六、IntelliJ IDEA 安装

 apache-maven-3.6.3-bin.zip	2020/12/27 10:59
 datagrip-2019.3.5.exe	2021/3/5 20:22
 ideaIU-2019.3.5.exe	2021/3/5 20:25
 jdk-8u271-windows-x64.exe	2020/12/27 10:58
 mysql-installer-community-8.0.22.0.msi	2020/12/27 10:57
 node-v14.15.3-x64.msi	2020/12/27 11:10
 redis-desktop-manager-0.8.3.3850.exe	2020/5/17 10:29
 Redis-x64-3.2.100.msi	2020/5/17 10:25





七、安装 webpack

- 1、输入命令：npm install webpack-cli -g
- 2、检查是否安装成功 webpack -v

```
C:\Users\jun Ding>npm install webpack-cli -g
D:\nodejs\node_cache\webpack-cli -> D:\nodejs\node_cache\node_modules\webpack-cli\bin\cli.js
npm WARN webpack-cli@4.9.2 requires a peer of webpack@4.x.x || 5.x.x but none is installed. You must install peer dependencies yourself.
npm WARN @webpack-cli/configtest@1.1.1 requires a peer of webpack@4.x.x || 5.x.x but none is installed. You must install peer dependencies yourself.
+ webpack-cli@4.9.2
added 50 packages from 39 contributors in 13.924s
C:\Users\jun Ding>webpack -v
webpack: 5.37.1
webpack-cli: 4.9.2
webpack-dev-server not installed
C:\Users\jun Ding>
```

八、安装 vue-cli 脚手架工具

- 1、输入命令：npm install vue-cli -g
- 2、检查是否安装成功：vue -V