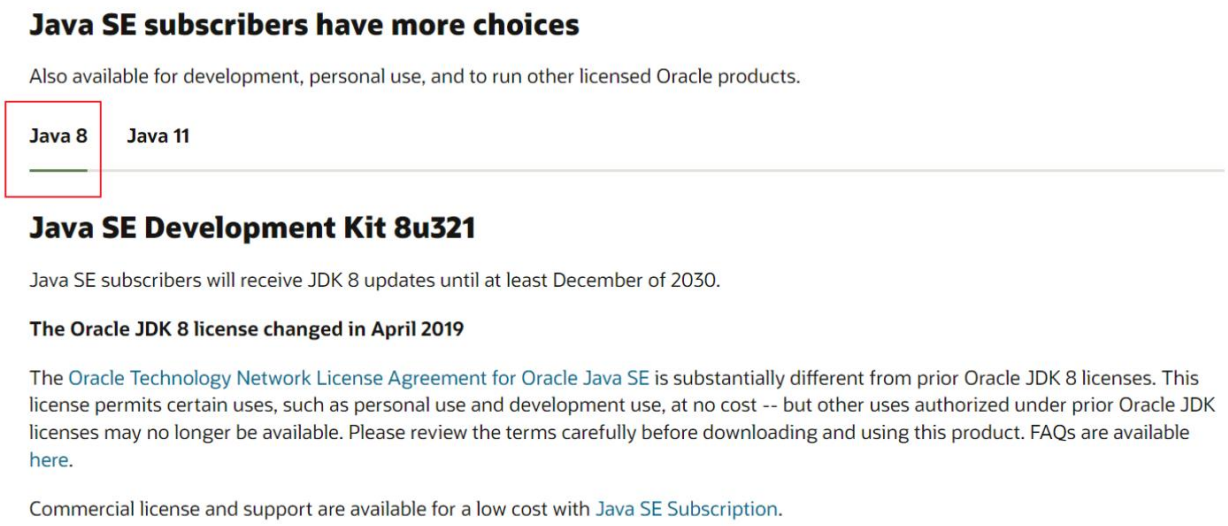
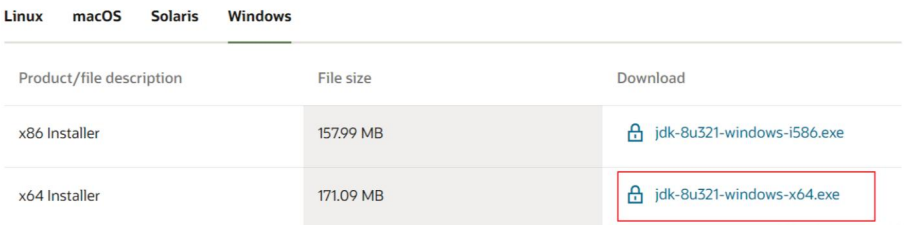
foreword
This tutorial is to install JDK 8 version on Windows 64-bit platform.

1. install JDK 8
Official website download address:
https://www.oracle.com/java/technologies/downloads/#java8-windows

Step1: Select the JDK version.
Select Java 8 version here:



Step2: Select the system platform



[Note] Download the account that needs to log in to oracle. If not, register one directly.

Step3: Download the installation package
Download completed installation package:

Step4: Start the installation

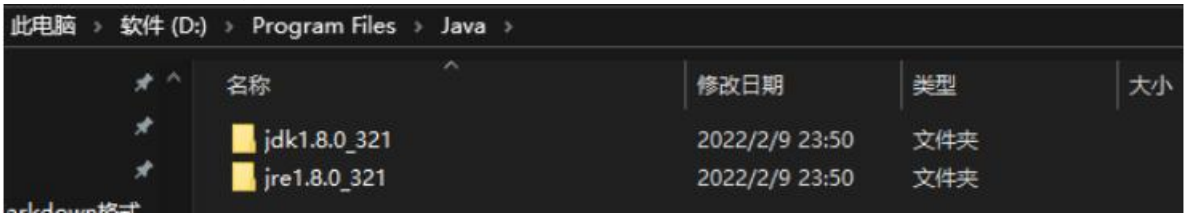
[Note] https://www.oracle.com/javase/jmc/

Set the installation path of public JRE: (It is recommended to install jdk1.8.0_321 in the same path as before, that is, under D:\Program Files\Java).

[Note] The public JRE may not be installed.

At this point, JDK8 was successfully installed.

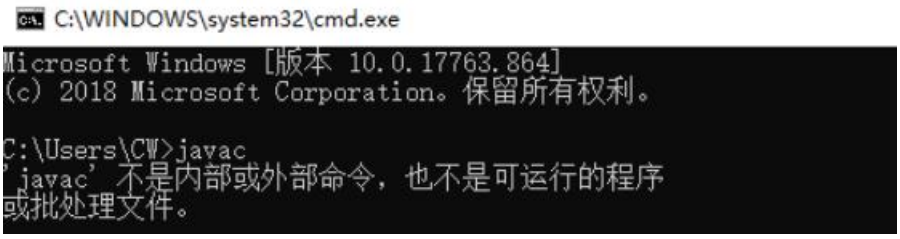
The installed directory is as follows:



Next, you need to configure it.

2. Configure JDK 8

Step1: Configure "environment variable path"

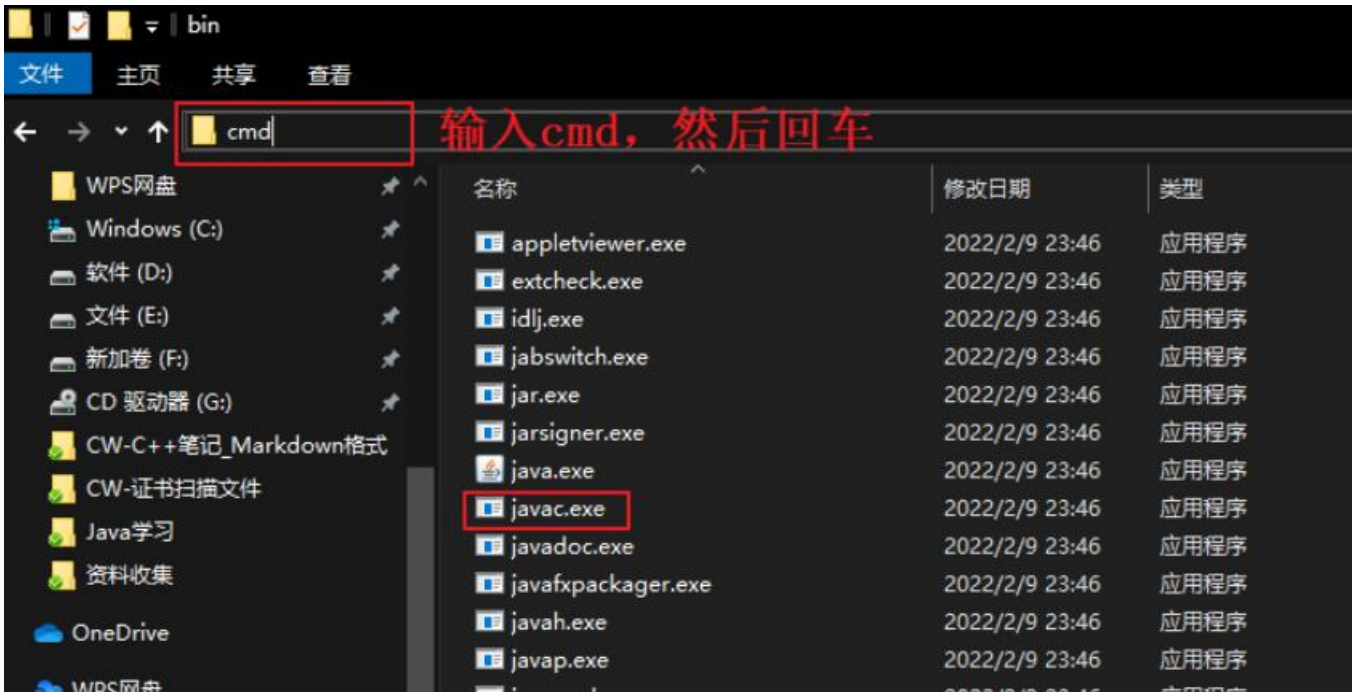


[reason for configuring path]

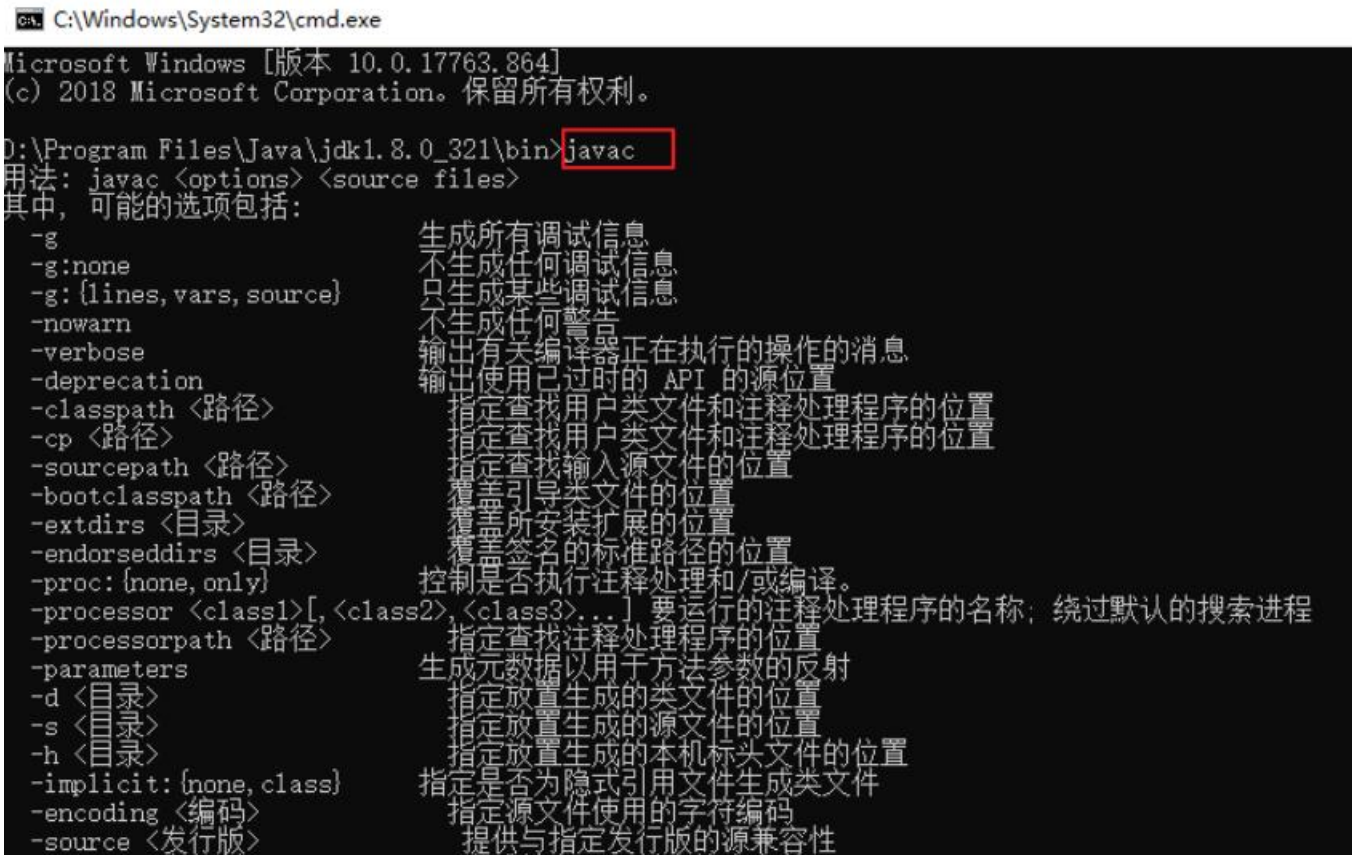
Use win+R shortcut key, open the running window, enter cmd, and enter the cmd program window. If you enter javac, the system prompts that you do not recognize this command.
The reason is that when the input command (program) is executed in the cmd window, the system will first look for the program in the current directory. If it cannot be found, the system will go to the directory specified in an existing environment variable named path in the system to look for the program. If you still can't find it at this step, the error indicated in the above figure will appear.

Therefore, if the directory we are in is the directory where the javac program is located, the javac command (program) will be executed in the cmd window, so that no error will be reported and the program can be executed normally.

For example:



Successfully execute javac program:

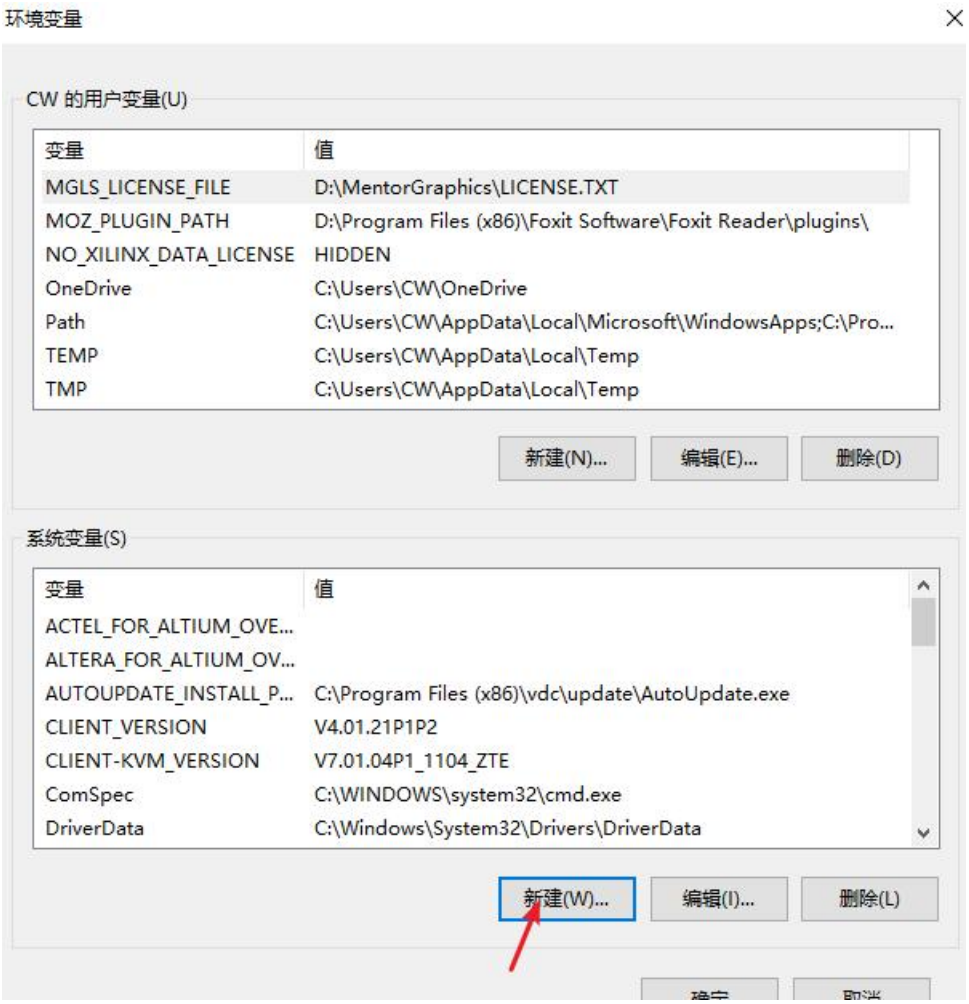


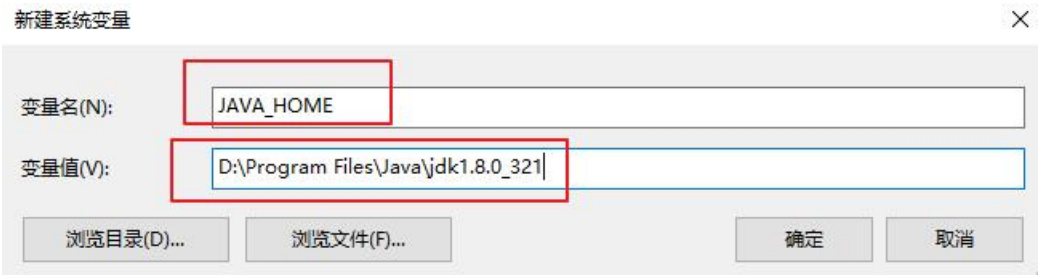
Therefore, in order to execute programs such as javac in any path, it is necessary to configure "environment variable path".

Configuration process:

My computer-properties-advanced system settings-environment variables;

Under system variable: create a new environment variable named "JAVA_HOME".

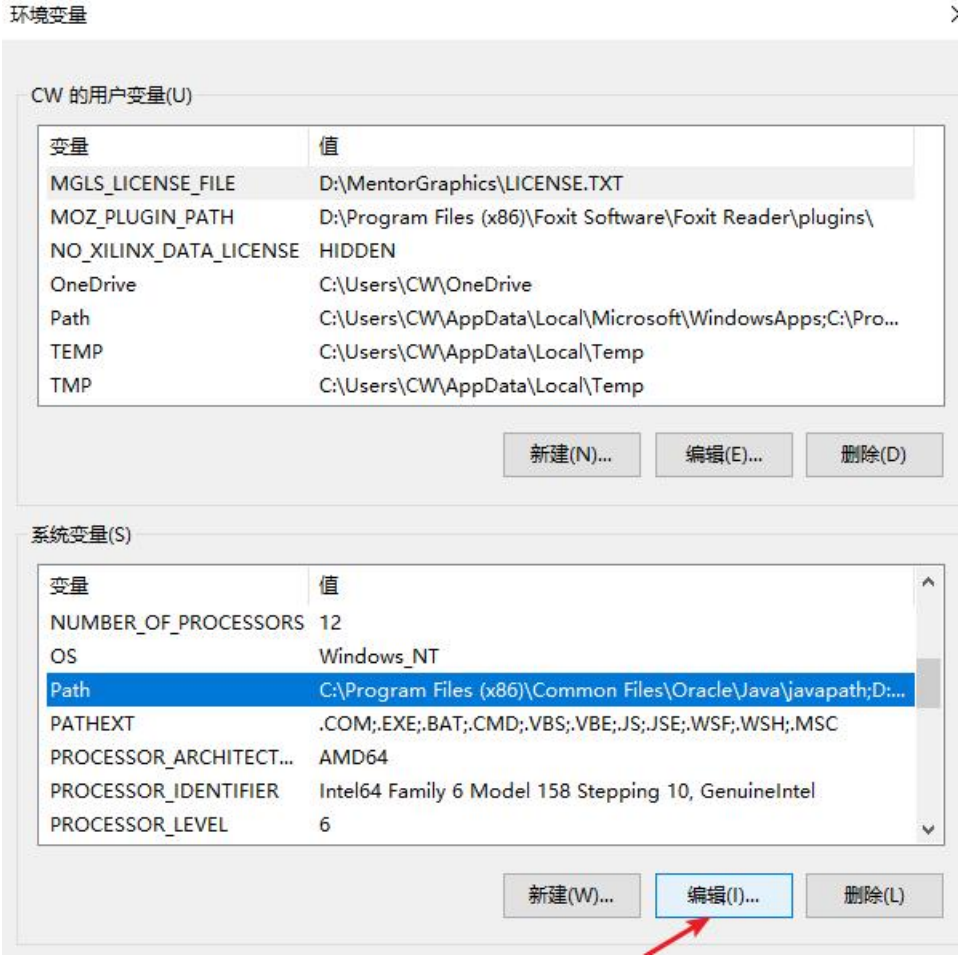


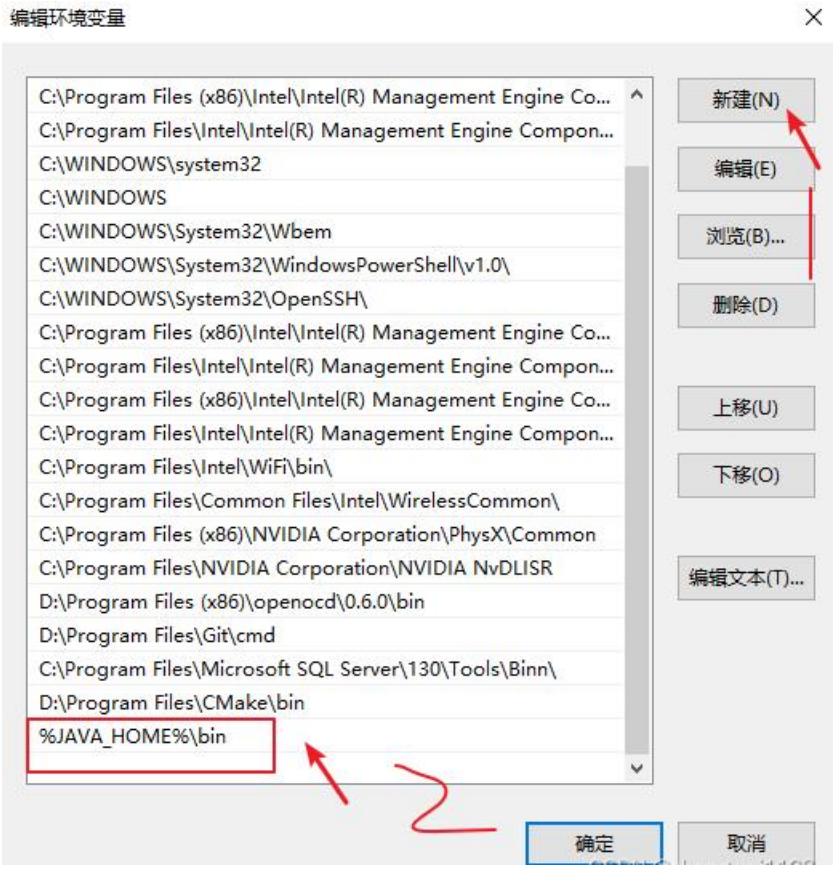


[Note] The path D: \ program files \ Java \ JDK1.8.0 _ 321 is the path where I installed JDK8 before.

3. Click to select the Path environment variable, click Edit, and add "%JAVA_HOME%\bin".

[Note] Note that there are Path environment variables in both user variables and system variables. The difference between them is that the user variable is only for the currently logged-in user, while the system variable is applicable to all users. Therefore, when modifying the Path environment variable, it is recommended to modify the Path in the system variable directly.




编辑环境变量
C:\Program Files (x86)\Intel\Intel(R) Management Engine Co...
C:\Program Files\Intel\Intel(R) Management Engine Compon...
C:\WINDOWS\system32
C:\WINDOWS
C:\WINDOWS\System32\Wbem
C:\WINDOWS\System32\WindowsPowerShell\v1.0\
C:\WINDOWS\System32\OpenSSH\
C:\Program Files (x86)\Intel\Intel(R) Management Engine Co...
C:\Program Files\Intel\Intel(R) Management Engine Compon...
C:\Program Files (x86)\Intel\Intel(R) Management Engine Co...
C:\Program Files\Intel\Intel(R) Management Engine Compon...
C:\Program Files\Intel\WiFi\bin\
C:\Program Files\Common Files\Intel\WirelessCommon\
C:\Program Files (x86)\NVIDIA Corporation\PhysX\Common
C:\Program Files\NVIDIA Corporation\NVIDIA NvDLISR
D:\Program Files (x86)\openocd\0.6.0\bin
D:\Program Files\Git\cmd
C:\Program Files\Microsoft SQL Server\130\Tools\Binn\
D:\Program Files\CMake\bin
%JAVA_HOME%\bin
新建(N)
编辑(E)
浏览(B)...
删除(D)
上移(U)
下移(O)
编辑文本(T)...
确定
取消