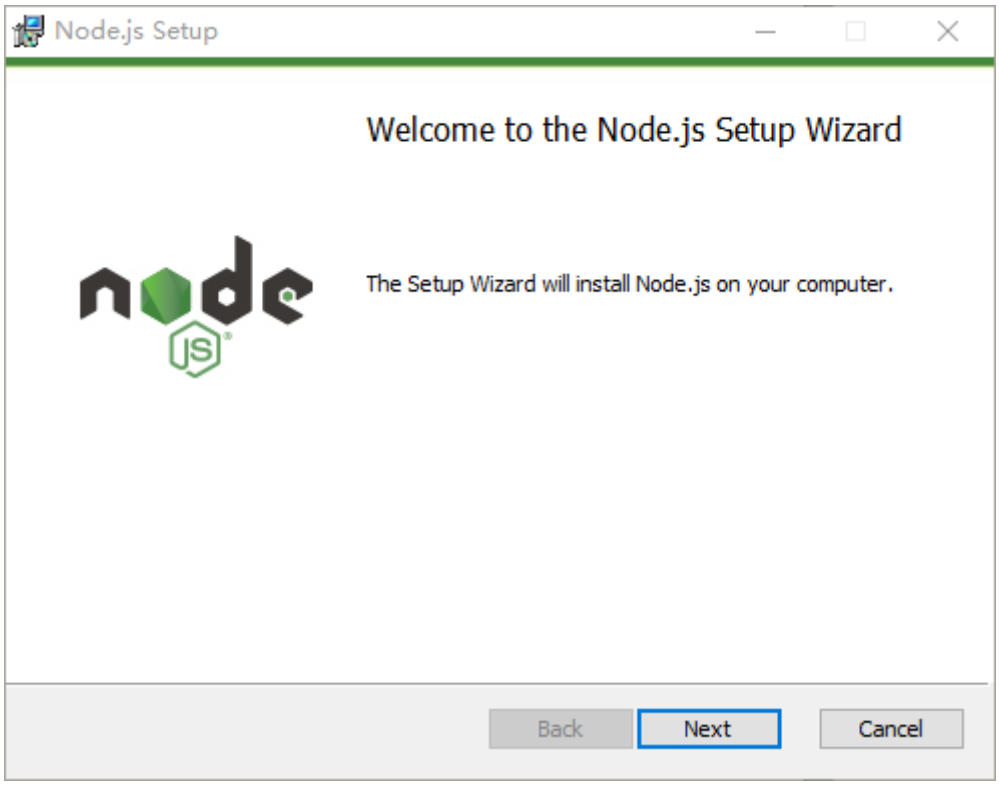
node.js图文安装

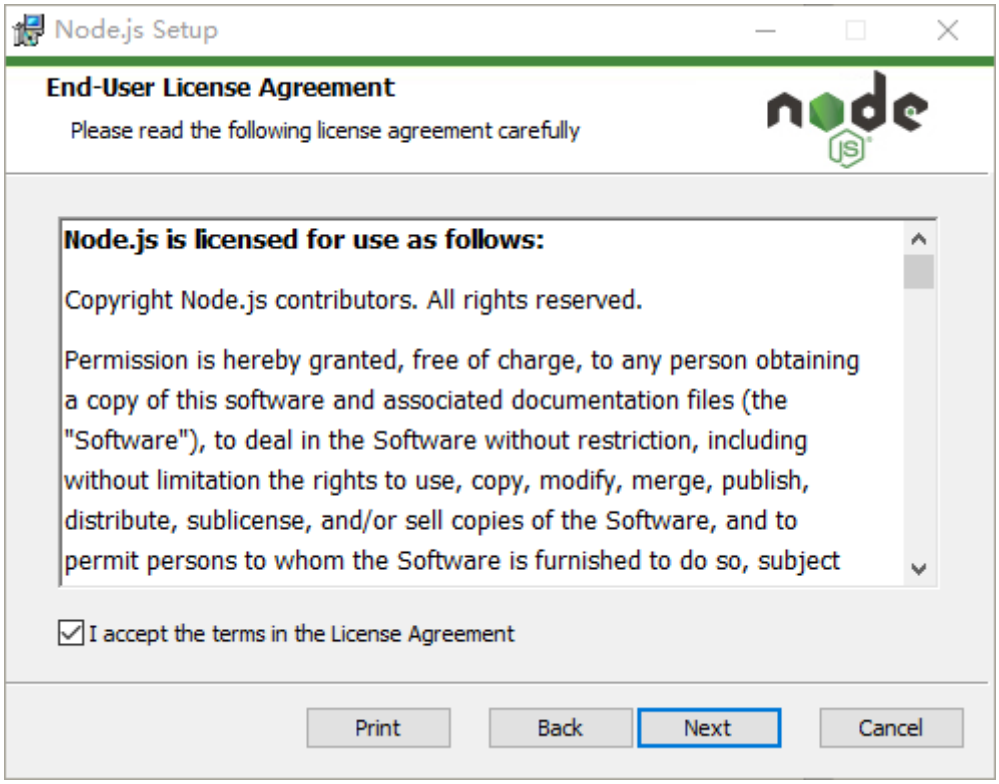
made by caowujun,2020.11.11

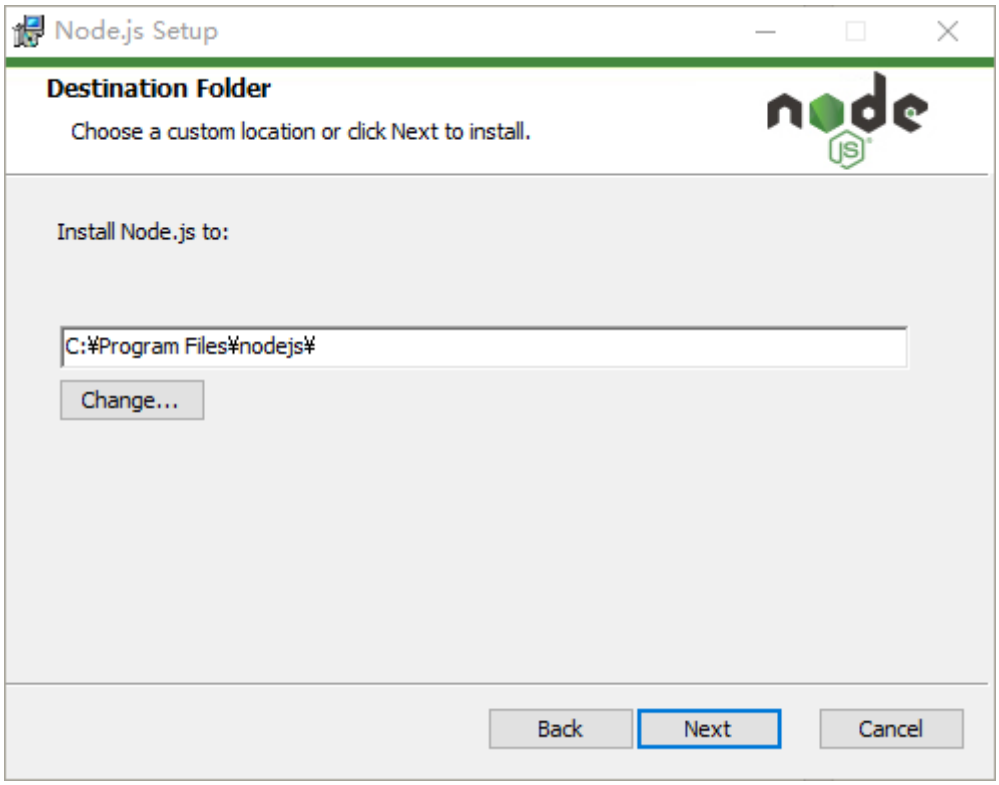
1.下载

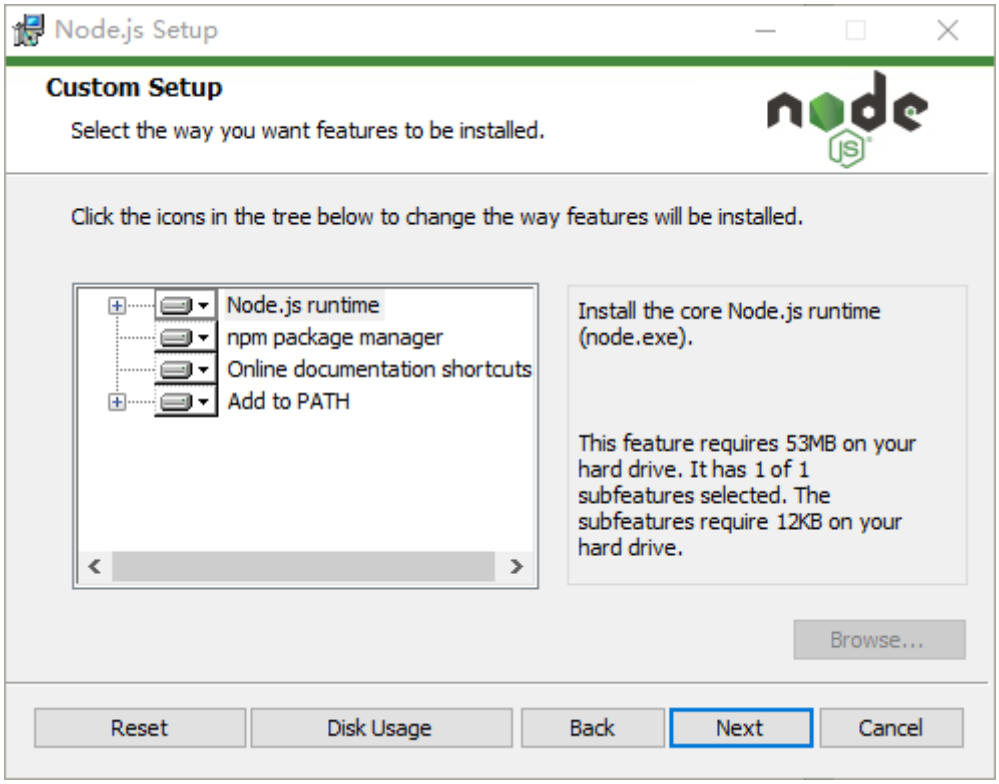
```
https://nodejs.org/zh-cn/
```

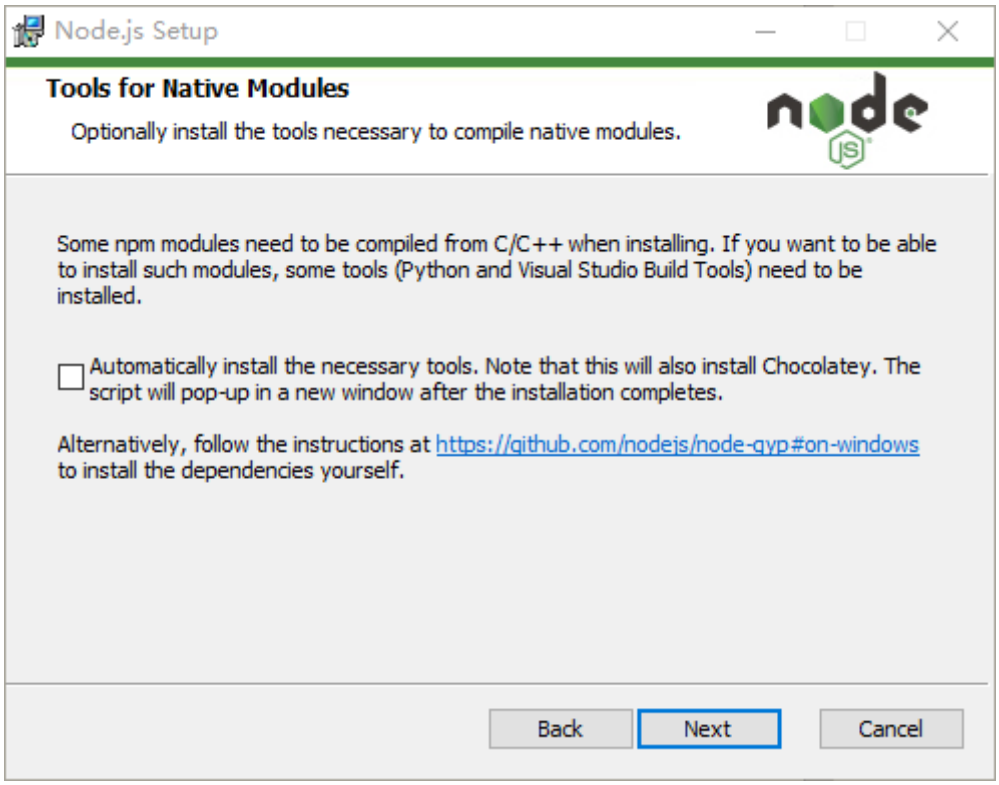
2.按顺序默认安装

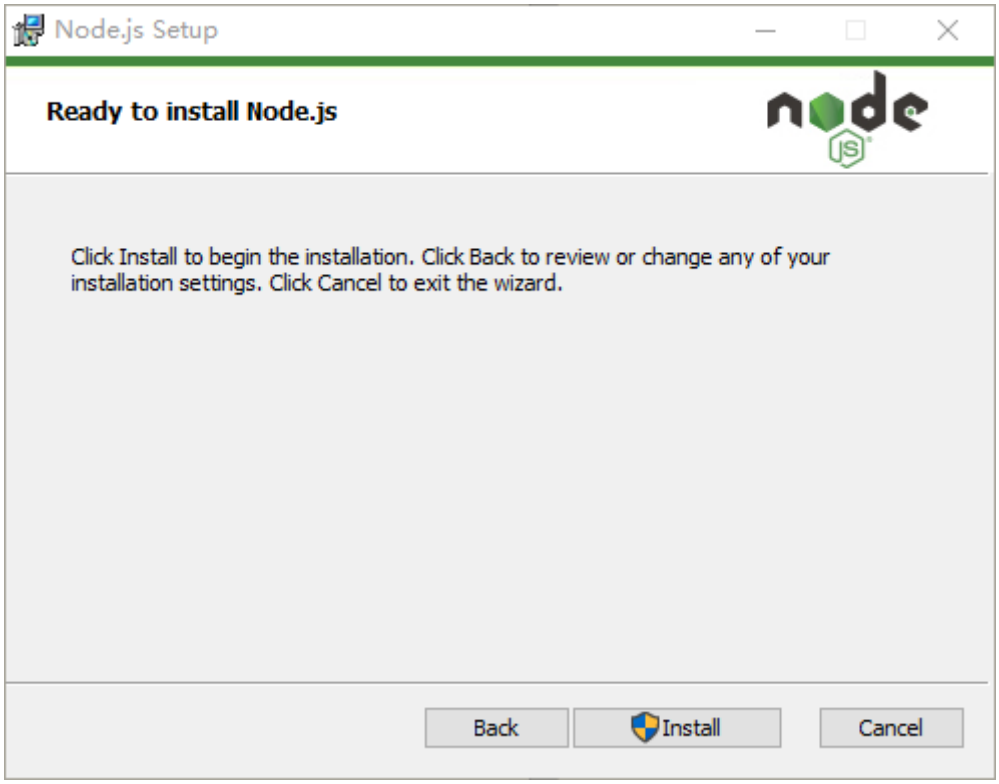

Node.js Setup
Welcome to the Node.js Setup Wizard
The Setup Wizard will install Node.js on your computer.
Back
Next
Cancel

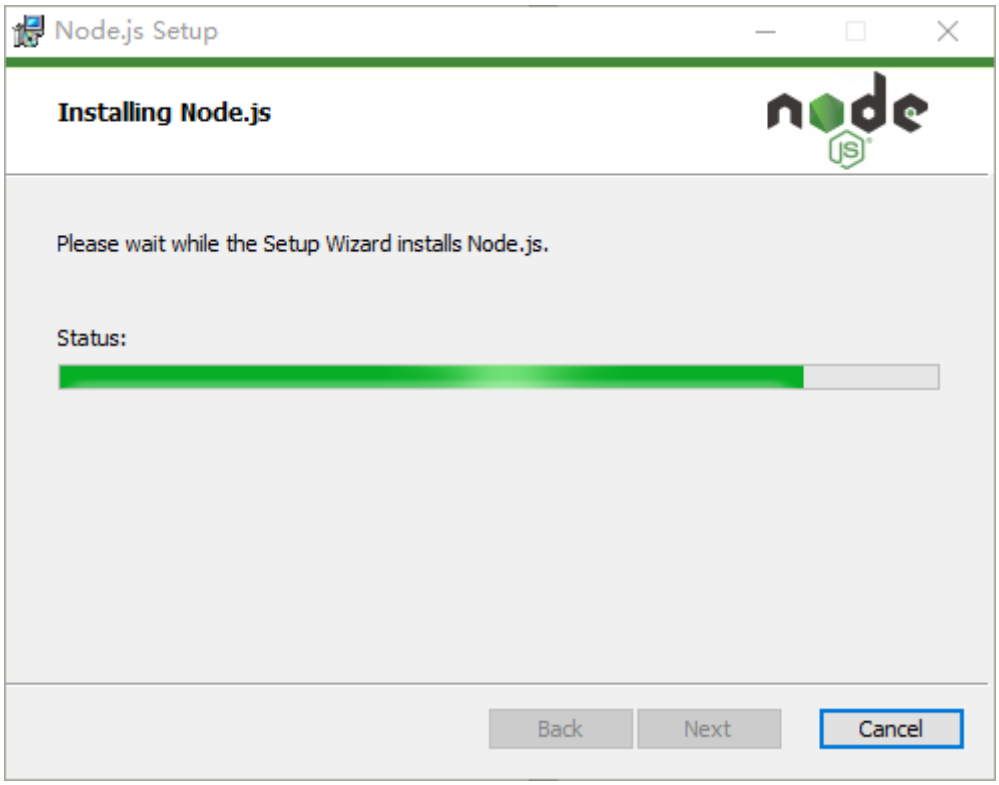

Node.js Setup
End-User License Agreement
Please read the following license agreement carefully
Node.js is licensed for use as follows:
Copyright Node.js contributors. All rights reserved.
Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject
I accept the terms in the License Agreement
Print
Back
Next
Cancel

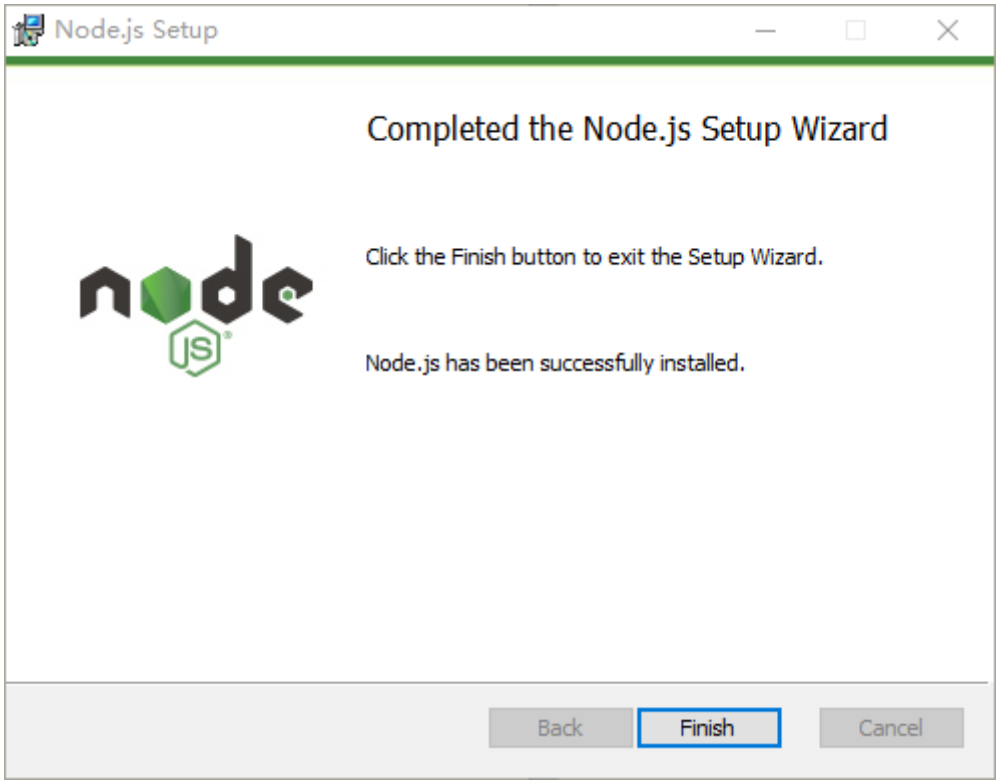

Node.js Setup
Destination Folder
Choose a custom location or click Next to install.
Install Node.js to:
C:¥Program Files¥nodejs¥
Change...
Back
Next
Cancel


Node.js Setup
Custom Setup
Select the way you want features to be installed.
Click the icons in the tree below to change the way features will be installed.
Node.js runtime
npm package manager
Online documentation shortcuts
Add to PATH
Install the core Node.js runtime (node.exe).
This feature requires 53MB on your hard drive. It has 1 of 1 subfeatures selected. The subfeatures require 12KB on your hard drive.
Browse...
Reset
Disk Usage
Back
Next
Cancel


Node.js Setup
Tools for Native Modules
Optionally install the tools necessary to compile native modules.
Some npm modules need to be compiled from C/C++ when installing. If you want to be able to install such modules, some tools (Python and Visual Studio Build Tools) need to be installed.
Automatically install the necessary tools. Note that this will also install Chocolatey. The script will pop-up in a new window after the installation completes.
Alternatively, follow the instructions at https://github.com/nodejs/node-gyp#on-windows to install the dependencies yourself.
Back
Next
Cancel

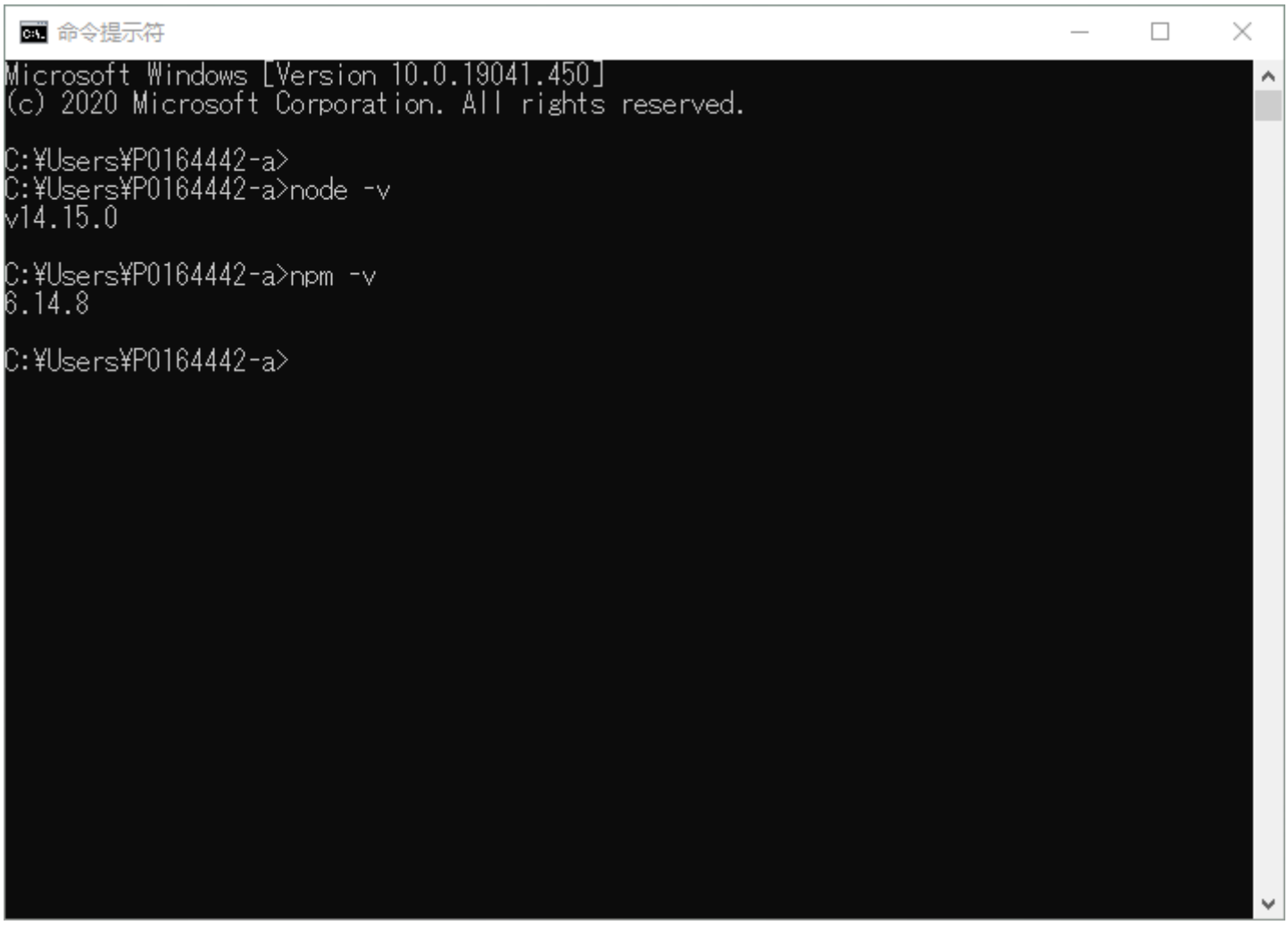

Node.js Setup
Ready to install Node.js
Click Install to begin the installation. Click Back to review or change any of your installation settings. Click Cancel to exit the wizard.
Back
Install
Cancel





3.测试

打开命令窗口，输入node -v,npm -v ,如图

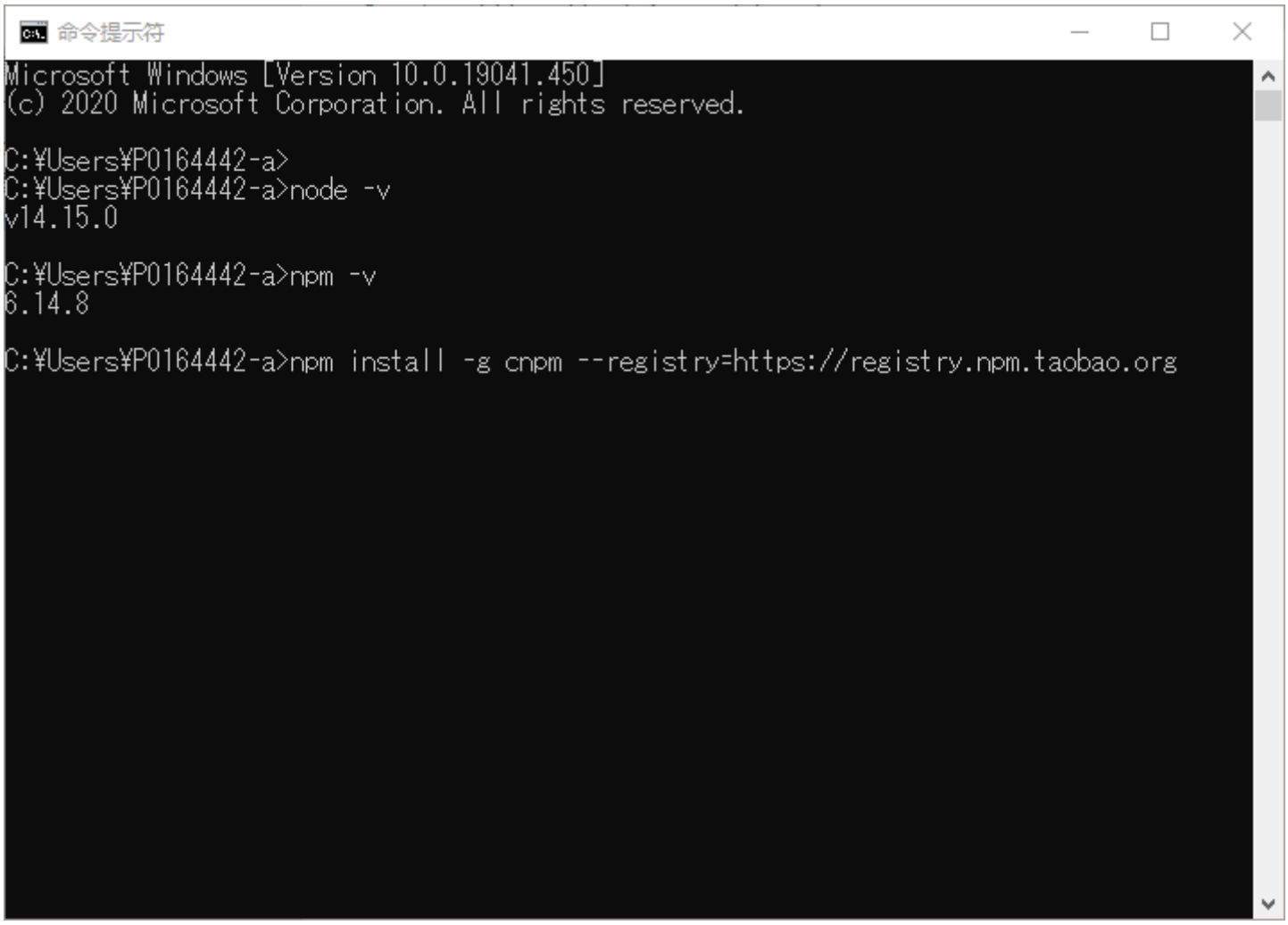


4.进阶

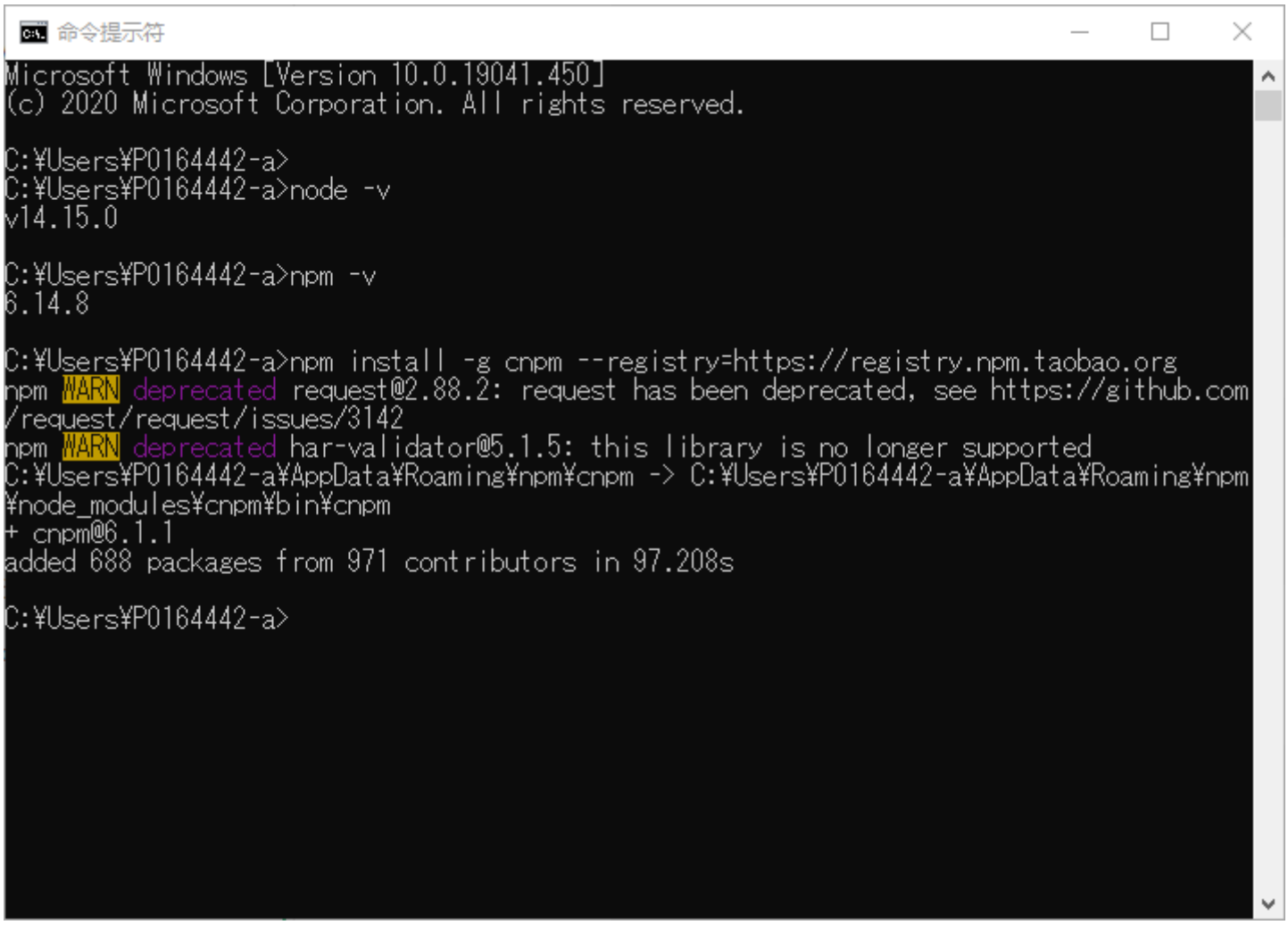
node.js安装自带的NPM下载速度慢，并且默认下载目录在C盘，需要我们处理一下。

4.1复制一下代码在命令窗口执行，切换到国内淘宝镜像

```
npm install -g cnpm --registry=https://registry.npm.taobao.org
```


命令提示符
Microsoft Windows [Version 10.0.19041.450]
(c) 2020 Microsoft Corporation. All rights reserved.
C:¥Users¥P0164442-a>
C:¥Users¥P0164442-a>node -v
v14.15.0
C:¥Users¥P0164442-a>npm -v
6.14.8
C:¥Users¥P0164442-a>npm install -g cnpm --registry=https://registry.npm.taobao.org

安装后如图所示

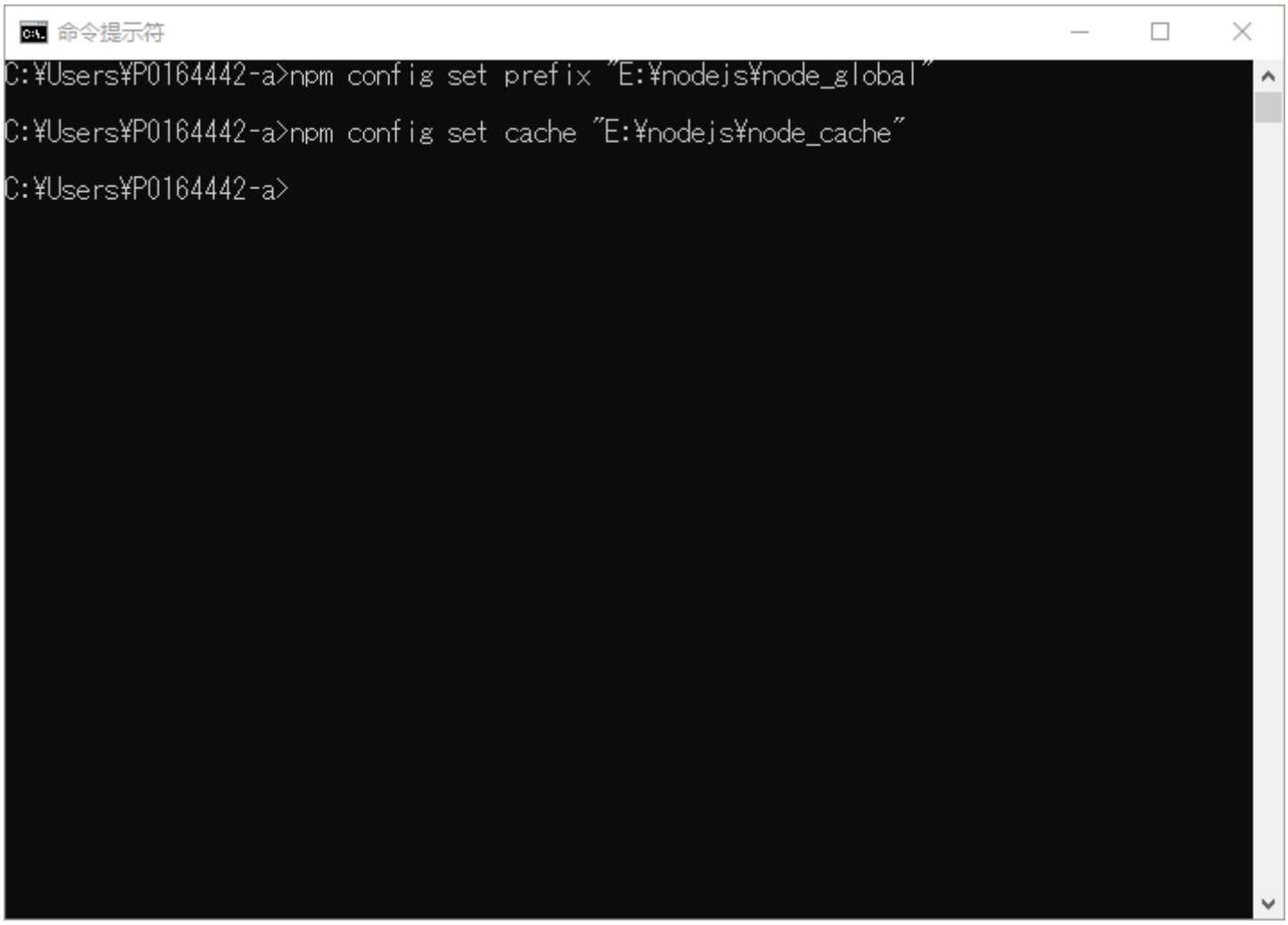


4.2在硬盘中新建2个文件夹如下

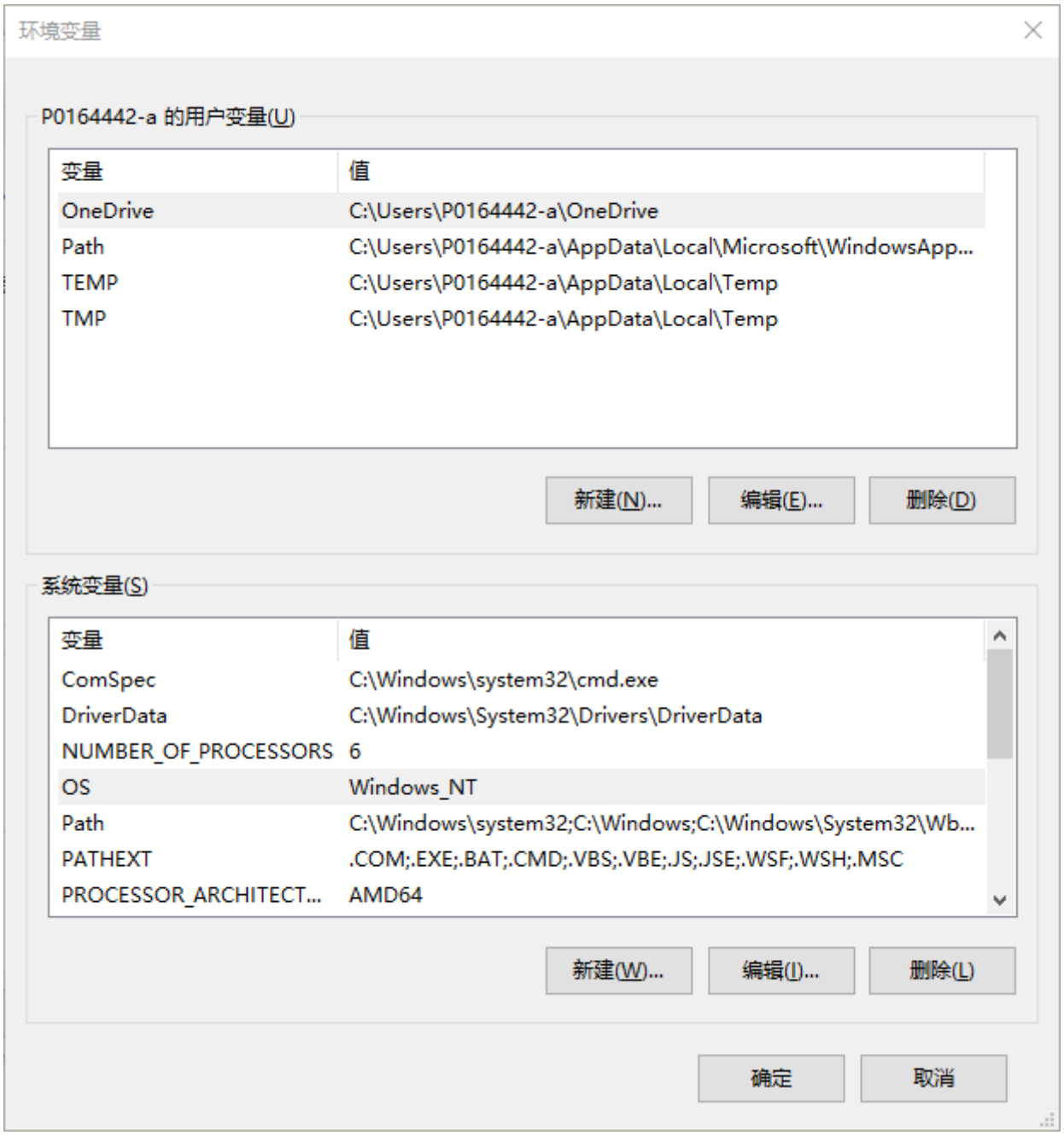
```
E:\nodejs\node_cache
E:\nodejs\node_global
```

4.3在命令窗口执行以下2个命令

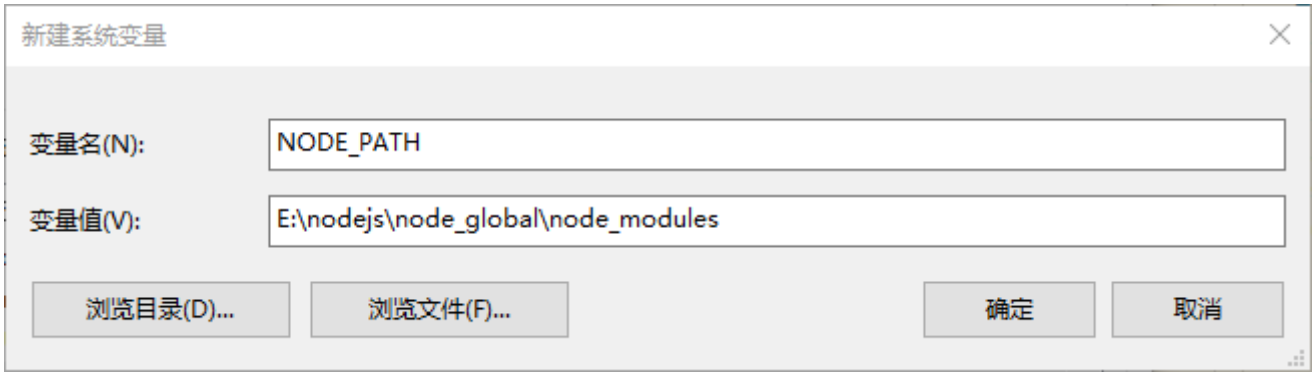
```
npm config set prefix "E:\nodejs\node_global"
npm config set cache "E:\nodejs\node_cache"
```



4.4打开环境变量配置窗口

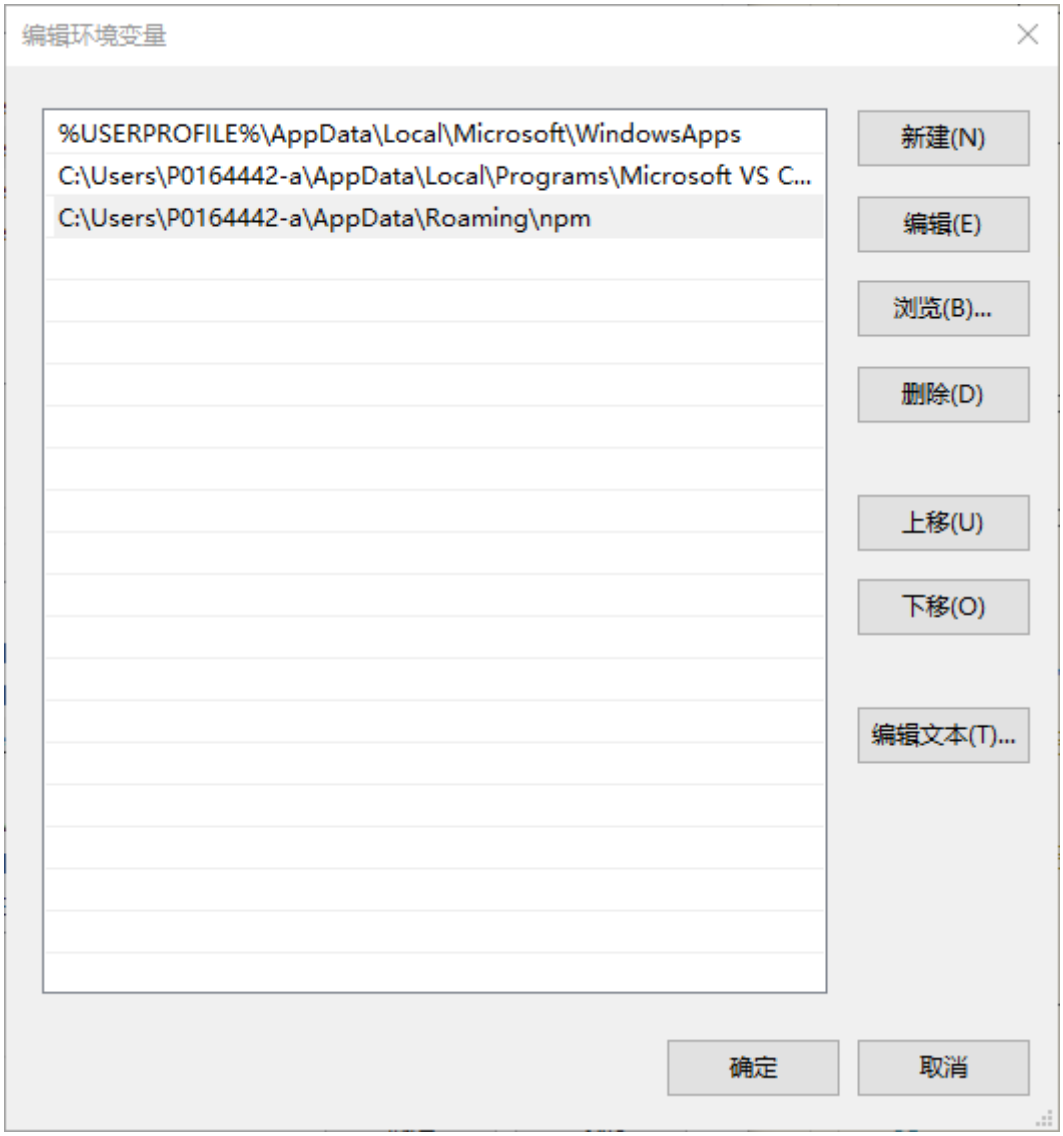


4.4.1 增加系统变量NODE_PATH，值E:\nodejs\node_global\node_modules

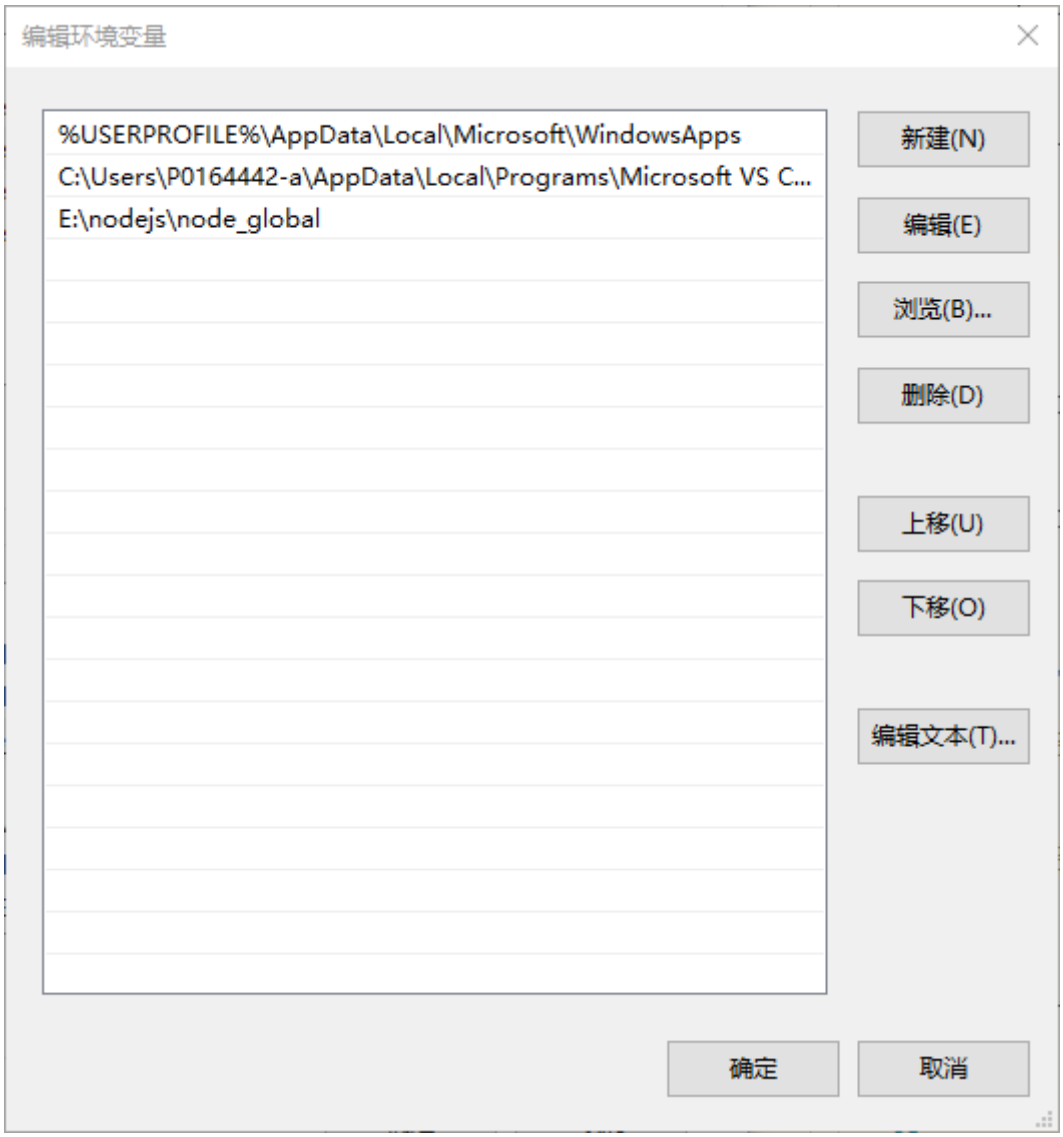


4.4.2 修改用户变量PATH，将C:\Users\用户名\AppData\Roaming\npm的值改为E:\nodejs\node_global

修改前


编辑环境变量
%USERPROFILE%\AppData\Local\Microsoft\WindowsApps
C:\Users\P0164442-a\AppData\Local\Programs\Microsoft VS C...
C:\Users\P0164442-a\AppData\Roaming\npm
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

修改后


编辑环境变量
%USERPROFILE%\AppData\Local\Microsoft\WindowsApps
C:\Users\P0164442-a\AppData\Local\Programs\Microsoft VS C...
E:\nodejs\node_global
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

This is end!