

Node.js安装&Vue3安装

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一、安装Node.js

- (一) 下载安装包
- (二) 安装程序
 1. 点击Next
 2. 修改路径到D盘，点击Next
 3. 默认，点击Next
 4. 不选中，点击Next
 5. 点击Install
 6. 点击Finish
 7. 测试安装是否成功

二、配置环境

- (一) 配置默认安装目录和缓存日志目录
 1. 创建目录
 2. 配置目录
- (二) 配置环境变量
 1. 进入环境变量窗口
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三、配置淘宝镜像

1. 安装 cnpm
2. 测试安装是否成功

四、安装vue及相关包

1. 安装vue.js
2. 测试安装是否成功
3. 安装 webpack 模块
4. 安装vue-cli3.x

五、创建vue3项目

1. 安装Yarn
2. 测试安装是否成功
3. 创建项目
4. 测试创建是否成功

一、安装Node.js

(一) 下载安装包

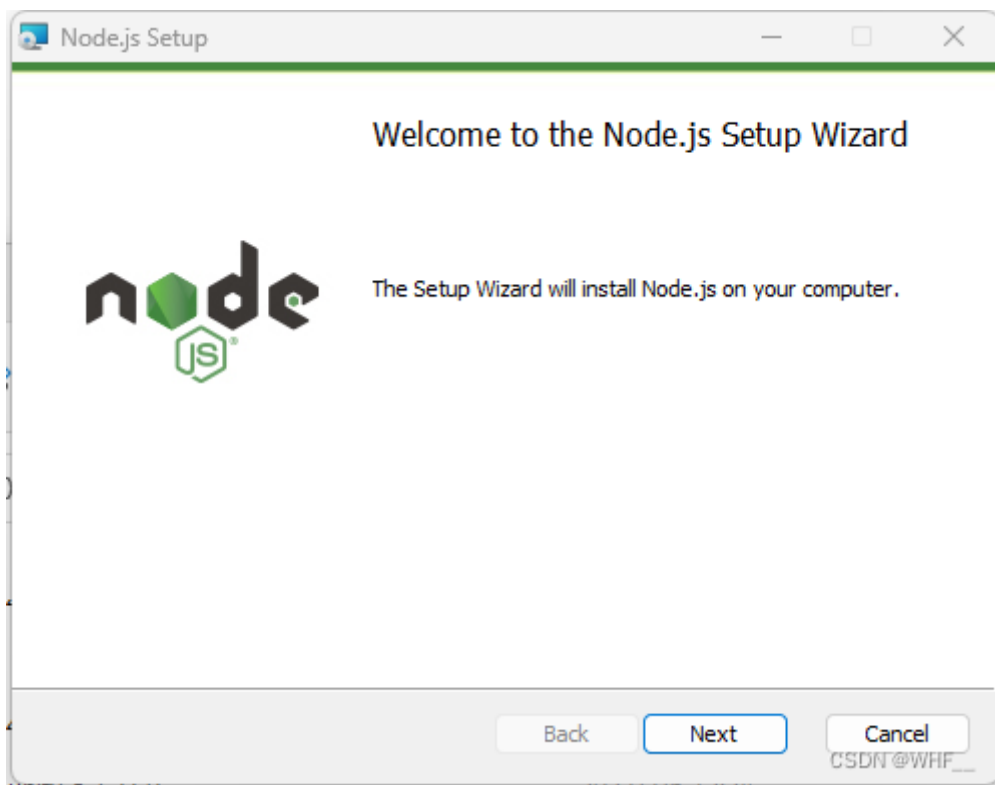
官网地址【英文】：[Node.js — Download Node.js® \(nodejs.org\)](https://nodejs.org/).

官网地址【中文】：[下载 | Node.js 中文网 \(nodejs.cn\)](https://nodejs.cn/).

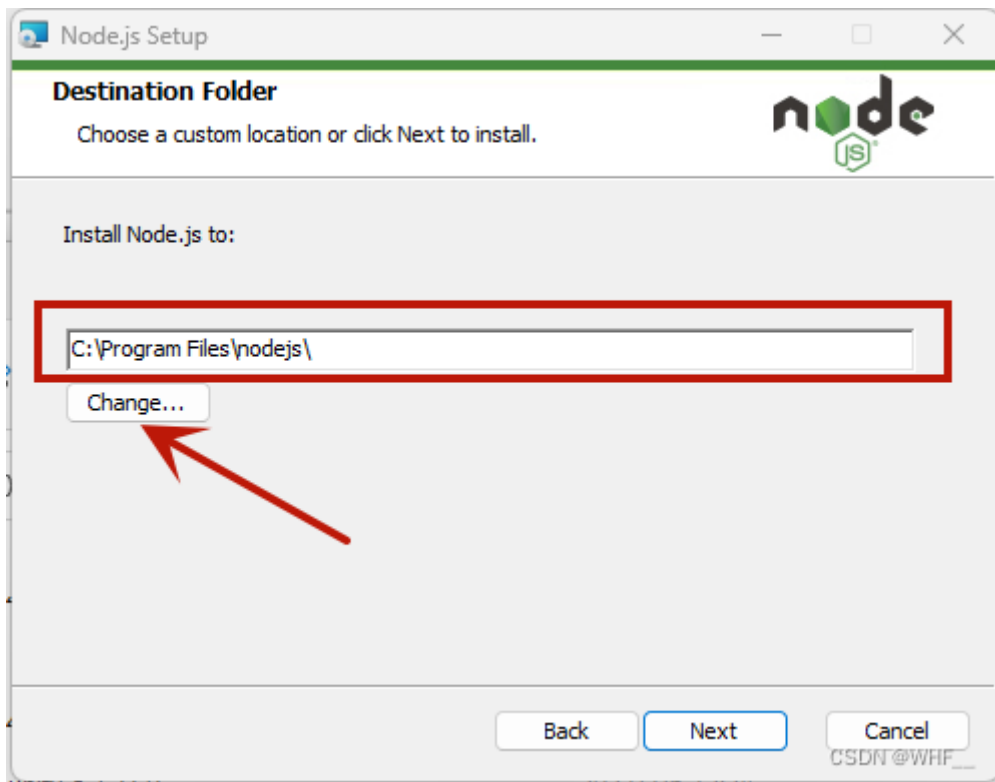
下载地址任选其一即可

(二) 安装程序

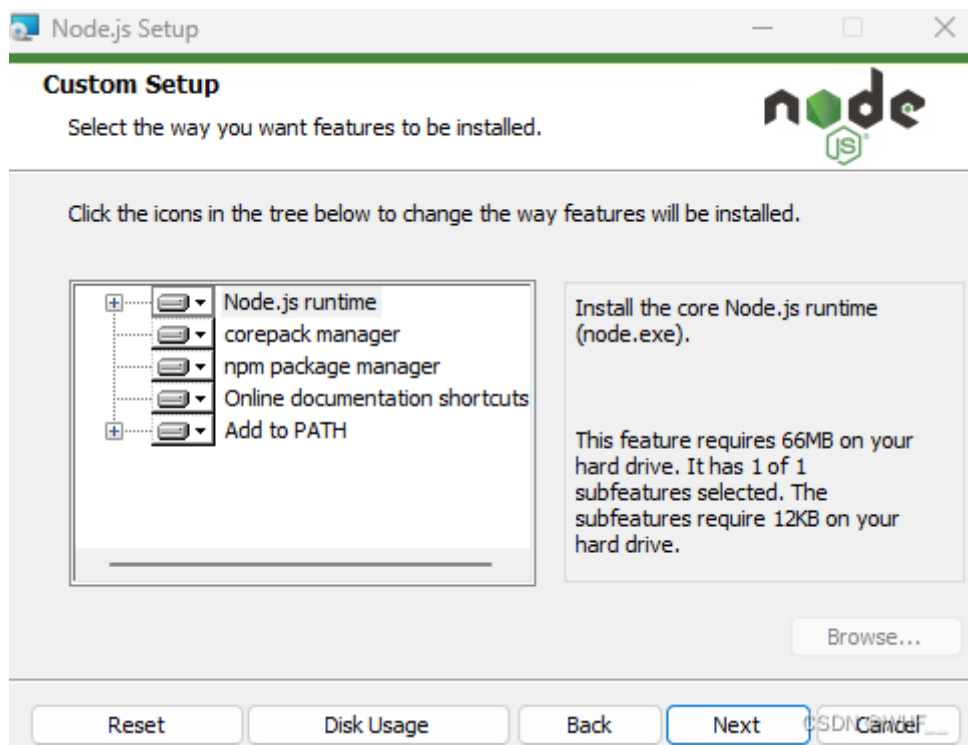
1. 点击Next



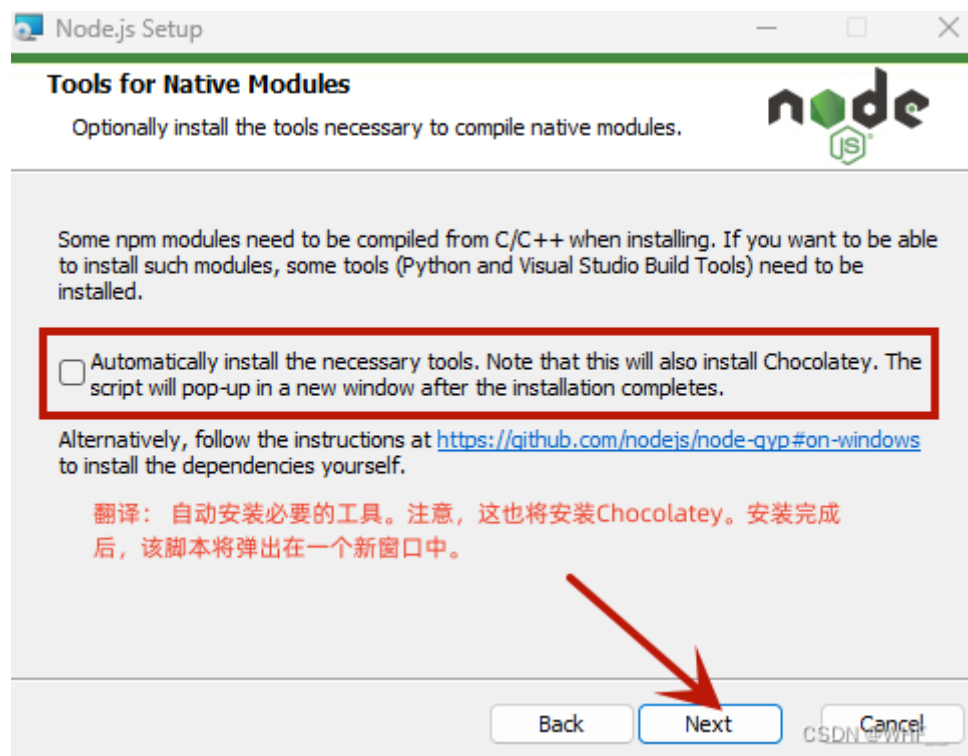
2. 修改路径到D盘， 点击Next



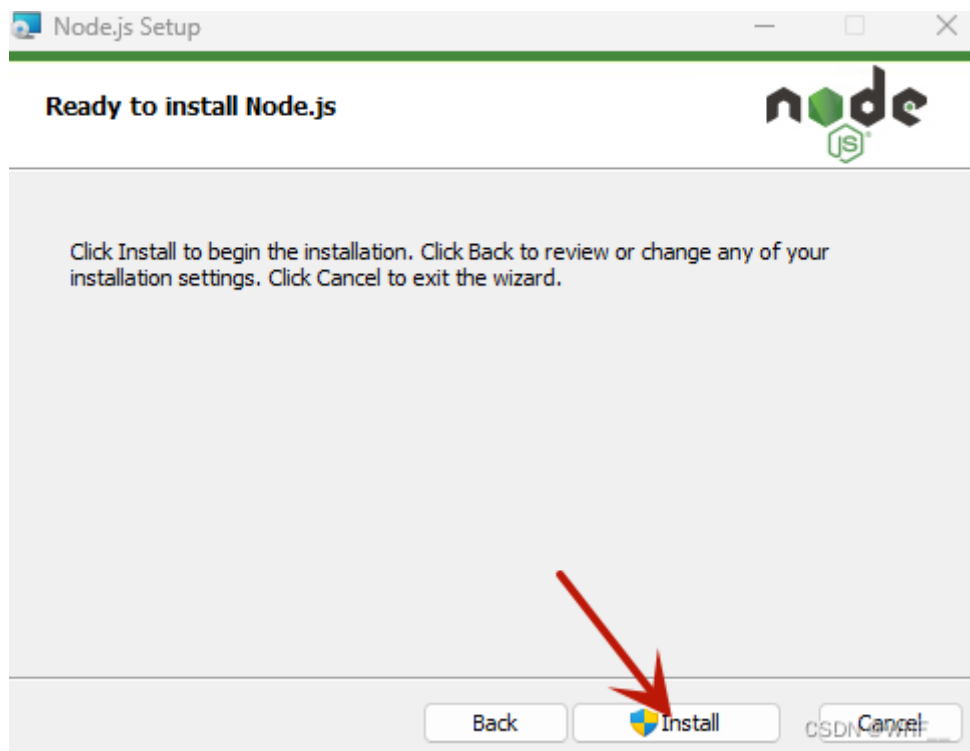
3. 默认，点击Next



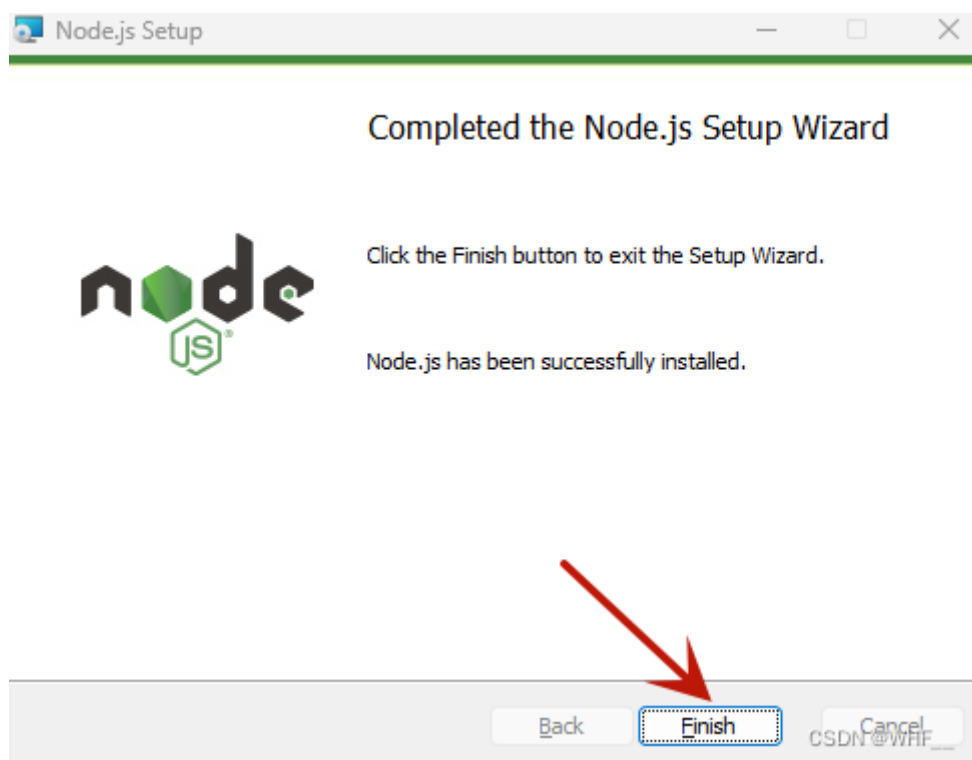
4. 不选中，点击Next



5. 点击Install



6. 点击Finish



7. 测试安装是否成功

在使用管理员身份打开命令行【在任务栏的搜索栏中搜索“命令提示符”，点击“以管理员身份运行”】中测试

```
node -v
// 显示node.js版本

npm -v
// 显示npm版本
```

```
C:\Users\DELL>node -v
v20.11.1













C:\Users\DELL>npm -v
10.2.4
```

二、配置环境

(一) 配置默认安装目录和缓存日志目录

1. 创建目录

找到安装的目录，在安装目录下新建两个文件夹【node_global】和【node_cache】

脑 > 本地磁盘 (D:) > Program Files > nodejs >		
名称		修改
 node_cache		202
 node_global		202
 node_modules		202
 corepack		202
 corepack.cmd		202
 install_tools.bat		202
 node.exe		202
 nodevars.bat		202
 npm		202
 npm.cmd		202
 npx		202
 npx.cmd		202

2. 配置目录

此时仍然以管理员身份打开命令行

```
npm config set prefix "D:\Program Files\nodejs\node_global"
// npm config set prefix “你的路径\node_global”（复制你刚刚创建的“node_global”文件夹路径）

npm config set cache "D:\Program Files\nodejs\node_cache"
// npm config set cache “你的路径\node_cache”（复制你刚刚创建的“node_cache”文件夹路径）
```

（二）配置环境变量

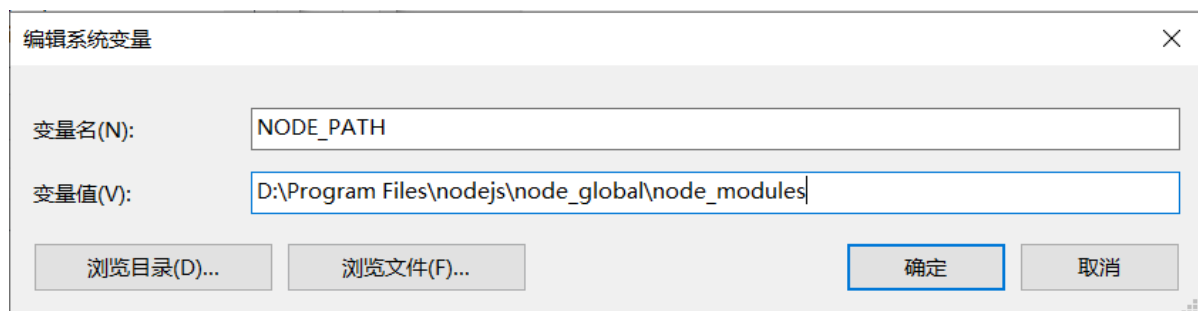
1. 进入环境变量窗口

- 右键“此电脑”
- 点击“属性”
- 点击“高级系统设置”
- 点击“环境变量”

2. 配置系统变量

在系统变量下新建 NODE_PATH 变量，输入默认安装目录 node_global 下的 node_modules 的路径

```
NODE_PATH
D:\Program Files\nodejs\node_global\node_modules
```



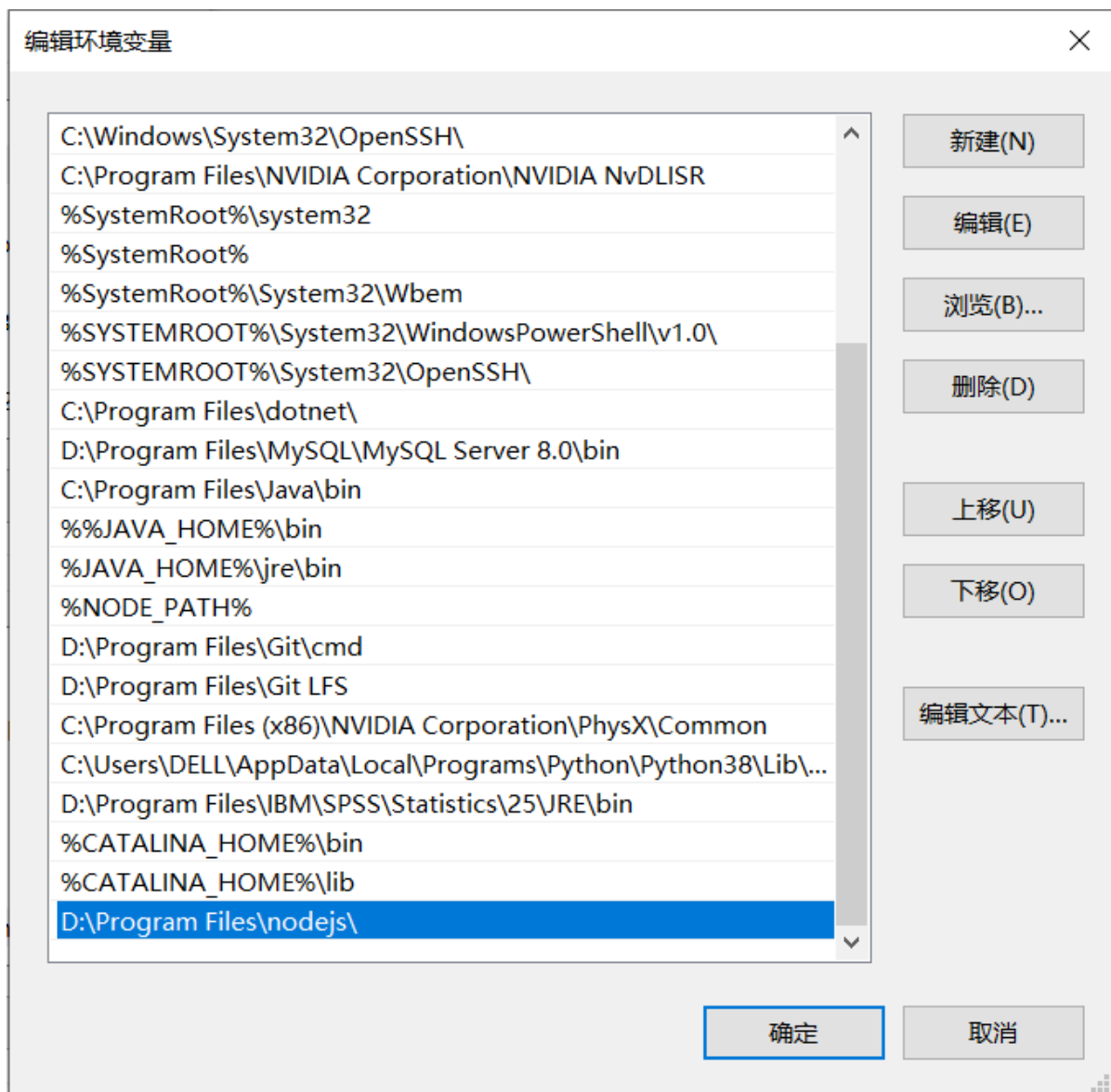
编辑系统变量

变量名(N):

变量值(V):

进入系统变量的Path，输入nodejs安装路径【可能已经存在】

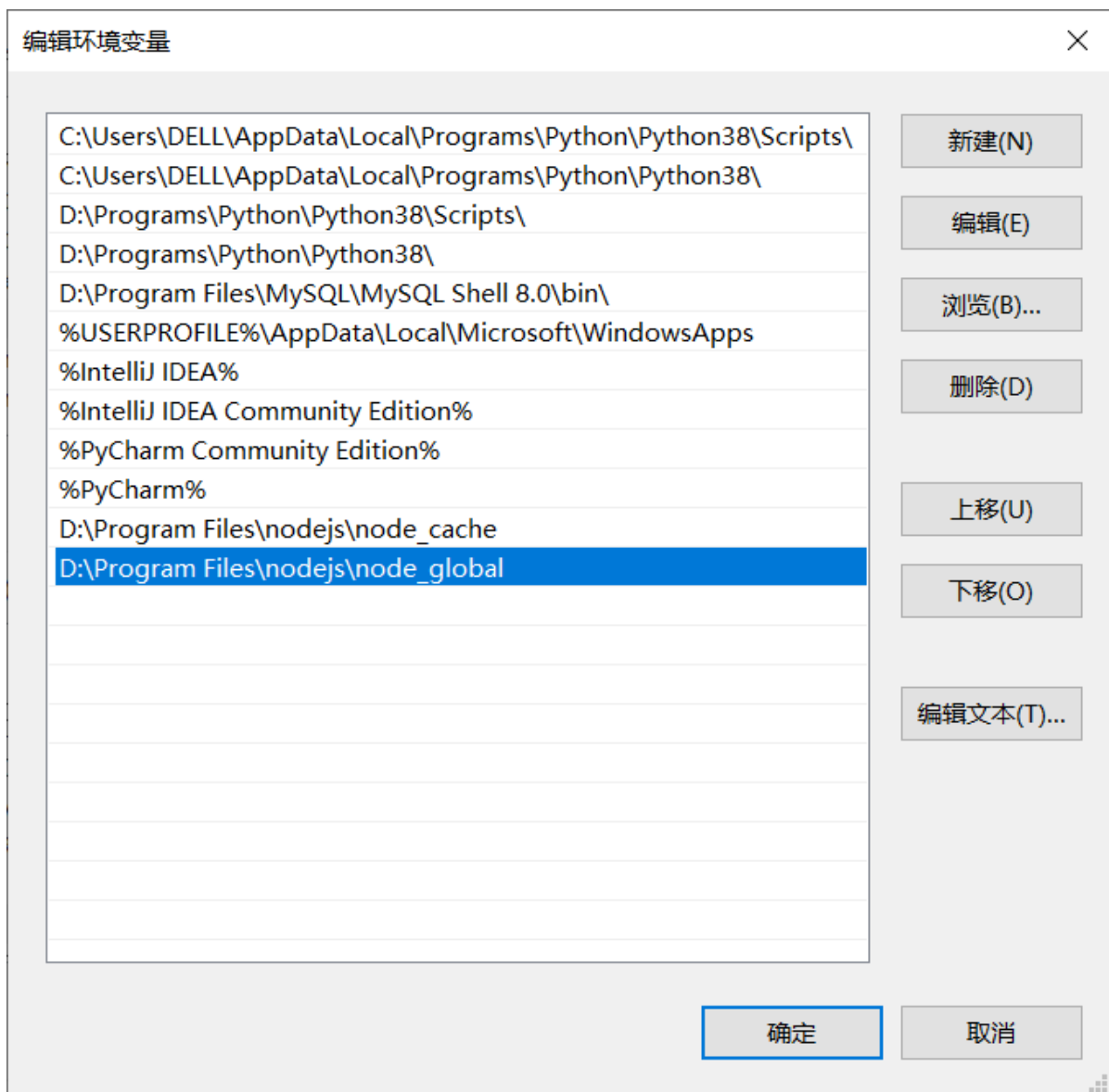
```
D:\Program Files\nodejs\
```



3. 配置用户变量

进入用户变量的Path，输入 nodejs 默认模块调用路径

```
D:\Program Files\nodejs\node_cache  
D:\Program Files\nodejs\node_global
```



【全部配置完后，别忘了点确定！】

三、配置淘宝镜像

此时仍然以管理员身份打开命令行

1. 安装 cnpm

请注意此处协议为**http**而不是**https**

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

```
C:\WINDOWS\system32>npm install -g cnpm --registry=http://registry.npm.taobao.org
changed 66 packages in 21s
59 packages are looking for funding
  run `npm fund` for details
```


2. 测试安装是否成功

```
cnpm config get registry
```

```
C:\WINDOWS\system32>cnpm config get registry
http://registry.npm.taobao.org/
```

四、安装vue及相关包

此时仍然以管理员身份打开命令行

1. 安装vue.js

```
cnpm install vue -g
```

```
C:\WINDOWS\system32>cnpm install vue -g
Downloading vue to D:\Program Files\nodejs\node_global\node_modules\vue_tmp
Copying D:\Program Files\nodejs\node_global\node_modules\vue_tmp\.store\vue@3.4.21\node_modules\vue to D:\Program Files\nodejs\node_global\node_modules\vue
Installing vue's dependencies to D:\Program Files\nodejs\node_global\node_modules\vue\node_modules
[1/5] @vue/shared@3.4.21 installed at node_modules\.store\@vue+shared@3.4.21\node_modules\@vue\shared
[2/5] @vue/server-renderer@3.4.21 installed at node_modules\.store\@vue+server-renderer@3.4.21\node_modules\@vue\server-renderer
[3/5] @vue/runtime-dom@3.4.21 installed at node_modules\.store\@vue+runtime-dom@3.4.21\node_modules\@vue\runtime-dom
[4/5] @vue/compiler-dom@3.4.21 installed at node_modules\.store\@vue+compiler-dom@3.4.21\node_modules\@vue\compiler-dom
[5/5] @vue/compiler-sfc@3.4.21 installed at node_modules\.store\@vue+compiler-sfc@3.4.21\node_modules\@vue\compiler-sfc
Recently updated (since 2024-03-16): 3 packages (detail see file D:\Program Files\nodejs\node_global\node_modules\vue\node_modules\recently_updates.txt)
2024-03-21
  → @vue/compiler-sfc@3.4.21 > postcss@8.4.35(8.4.38) (06:55:34)
2024-03-20
  → @vue/compiler-sfc@3.4.21 > source-map-js@1.0.2(1.2.0) (00:21:36)
2024-03-19
  → @vue/compiler-sfc@3.4.21 > @babel/parser@7.23.9(7.24.1) (17:48:00)
All packages installed (19 packages installed from npm registry, used 578ms(network 557ms), speed 0B/s, json 0(0B), tarball 0B, manifests cache hit 19, etag hit 19 / miss 0)
```

2. 测试安装是否成功

```
cnpm info vue
```

```
C:\WINDOWS\system32>cnpm info vue
vue@3.4.21 | MIT | deps: 5 | versions: 491
The progressive JavaScript framework for building modern web UI.
https://github.com/vuejs/core/tree/main/packages/vue#readme

keywords: vue

dist
tarball: https://registry.npmirror.com/vue/-/vue-3.4.21.tgz
shasum: 69ec30e267d358ee3a0ce16612ba89e00aaeb731
integrity: sha512-5hjyV/jLEIKD/jY14cavMcenzKwJMKohureP8ejn3hhEjwhWlhWeuzL2kJAjl/WyVsgPY56Sy4Z40C31VshxXA==
unpackedSize: 2.2 MB

dependencies:
@vue/compiler-dom: 3.4.21    @vue/runtime-dom: 3.4.21    @vue/shared: 3.4.21
@vue/compiler-sfc: 3.4.21    @vue/server-renderer: 3.4.21

maintainers:
- posva <posval3@gmail.com>
- yyy990803 <yyy990803@gmail.com>
- soda <npm@haoqun.me>

dist-tags:
alpha: 3.4.0-alpha.4    csp: 1.0.28-csp    legacy: 2.7.16    v2-latest: 2.7.16
beta: 3.4.0-beta.4    latest: 3.4.21    rc: 3.4.0-rc.3

published 3 weeks ago by yyy990803 <yyy990803@gmail.com>
```

```
npm list vue
```

// 输出有内容最好，但是输出为空也没关系

```
C:\WINDOWS\system32>npm list vue
C:\WINDOWS\system32
--(empty)
```

3. 安装 webpack 模块

```
cnpm install webpack -g
```

```
C:\WINDOWS\system32>cnpm install webpack -g
Downloading webpack to D:\Program Files\nodejs\node_global\node_modules\webpack_tmp
Copying D:\Program Files\nodejs\node_global\node_modules\webpack_tmp\store\webpack@5.91.0\node_modules\webpack to D:\Program Files\nodejs\node_global\node_modules\webpack
Installing webpack's dependencies to D:\Program Files\nodejs\node_global\node_modules\webpack\node_modules
11/24 json-parse-even-better-errors@2.3.1 installed at node_modules\store\json-parse-even-better-errors@2.3.1\node_modules\json-parse-even-better-errors
22/24 loader-runner@4.2.0 installed at node_modules\store\loader-runner@4.3.0\node_modules\loader-runner
3/24 chrome-trace-event@1.0.2 installed at node_modules\store\chrome-trace-event@1.0.3\node_modules\chrome-trace-event
4/24 graceful-fs@4.2.11 installed at node_modules\store\graceful-fs@4.2.1\node_modules\graceful-fs
5/24 tapable@2.1.1 installed at node_modules\store\tapable@2.2.1\node_modules\tapable
6/24 glob-to-regexp@0.4.1 installed at node_modules\store\glob-to-regexp@0.4.1\node_modules\glob-to-regexp
7/24 acorn@8.7.1 installed at node_modules\store\acorn@8.11.3\node_modules\acorn
8/24 watchpack@2.4.1 installed at node_modules\store\watchpack@2.4.1\node_modules\watchpack
9/24 @types\estree@1.0.5 installed at node_modules\store\@types\estree@1.0.5\node_modules\@types\estree
10/24 acorn-import-assertions@1.9.0 installed at node_modules\store\acorn-import-assertions@1.9.0\node_modules\acorn-import-assertions
11/24 es-module-lexer@0.12.1 installed at node_modules\store\es-module-lexer@0.14.2\node_modules\es-module-lexer
12/24 events@3.2.0 installed at node_modules\store\events@3.3.0\node_modules\events
13/24 mime-types@2.1.27 installed at node_modules\store\mime-types@2.1.35\node_modules\mime-types
14/24 webpack-sources@3.2.3 installed at node_modules\store\webpack-sources@3.2.3\node_modules\webpack-sources
15/24 @types\eslint-scope@3.7.3 installed at node_modules\store\@types\eslint-scope@3.7.7\node_modules\@types\eslint-scope
16/24 eslint-scope@5.1.1 installed at node_modules\store\eslint-scope@5.1.1\node_modules\eslint-scope
17/24 enhanced-resolve@5.16.0 installed at node_modules\store\enhanced-resolve@5.16.0\node_modules\enhanced-resolve
18/24 @webassemblyjs\wasm-edit@1.12.1 installed at node_modules\store\@webassemblyjs\wasm-edit@1.12.1\node_modules\@webassemblyjs\wasm-edit
19/24 @webassemblyjs\wasm-parser@1.12.1 installed at node_modules\store\@webassemblyjs\wasm-parser@1.12.1\node_modules\@webassemblyjs\wasm-parser
20/24 neo-async@2.6.2 installed at node_modules\store\neo-async@2.6.2\node_modules\neo-async
22/24 @webassemblyjs\ast@1.12.1 installed at node_modules\store\@webassemblyjs\ast@1.12.1\node_modules\@webassemblyjs\ast
23/24 schema-utils@3.2.0 installed at node_modules\store\schema-utils@3.3.0\node_modules\schema-utils
23/24 terser-webpack-plugin@5.3.10 installed at node_modules\store\terser-webpack-plugin@5.3.10\node_modules\terser-webpack-plugin
24/24 browserslist@4.21.10 installed at node_modules\store\browserslist@4.23.0\node_modules\browserslist
Recently updated (since 2024-03-16): 5 packages (detail see file D:\Program Files\nodejs\node_global\node_modules\webpack\node_modules\recently_updates.txt)
2024-03-22
  → browserslist@4.23.0 > electron-to-chromium@1.4.668(1.4.715) (11:02:24)
  → browserslist@4.23.0 > caniuse-lite@1.0.30001587(1.0.30001600) (11:47:23)
2024-03-19
  → es-module-lexer@0.12.1(1.4.2) (12:18:28)
  → @types\eslint-scope@3.7.7 > @types\eslint@*(8.56.6) (17:36:07)
  → terser-webpack-plugin@5.3.10 > jest-worker@27.5.1 > @types\node@*(20.11.30) (20:41:32)
All packages installed (77 packages installed from npm registry, used 25(network 2s), speed 1016.9KB/s, json 74(1.92MB), tarball 0B, manifests cache hit 2, etag hit 0 / miss 0)
[webpack@5.91.0] link D:\Program Files\nodejs\node_global\webpack@ -> D:\Program Files\nodejs\node_global\node_modules\webpack\bin\webpack.js
```

```
cnpm install --global webpack-cli
```

```
C:\WINDOWS\system32>cnpm install --global webpack-cli
Downloading webpack-cli to D:\Program Files\nodejs\node_global\node_modules\webpack-cli_tmp
Copying D:\Program Files\nodejs\node_global\node_modules\webpack-cli_tmp\store\webpack-cli@5.1.4\node_modules\webpack-cli to D:\Program Files\nodejs\node_global\node_modules\webpack-cli
Installing webpack-cli's dependencies to D:\Program Files\nodejs\node_global\node_modules\webpack-cli\node_modules
11/13 commander@10.0.1 installed at node_modules\store\commander@10.0.1\node_modules\commander
2/13 @webpack-cli\serve@2.0.5 installed at node_modules\store\@webpack-cli\serve@2.0.5\node_modules\@webpack-cli\serve
3/13 @webpack-cli\configtest@2.1.1 installed at node_modules\store\@webpack-cli\configtest@2.1.1\node_modules\@webpack-cli\configtest
4/13 interpret@3.1.1 installed at node_modules\store\interpret@3.1.1\node_modules\interpret
6/13 colorset@2.0.14 installed at node_modules\store\colorset@2.0.20\node_modules\colorset
6/13 @webpack-cli\info@2.0.2 installed at node_modules\store\@webpack-cli\info@2.0.2\node_modules\@webpack-cli\info
7/13 envinfo@7.7.3 installed at node_modules\store\envinfo@7.11.1\node_modules\envinfo
8/13 fastest-levenstein@1.0.12 installed at node_modules\store\fastest-levenstein@1.0.16\node_modules\fastest-levenstein
9/13 @discoveryjs\json-ext@0.5.0 installed at node_modules\store\@discoveryjs\json-ext@0.5.7\node_modules\@discoveryjs\json-ext
10/13 cross-spawn@7.0.3 installed at node_modules\store\cross-spawn@7.0.3\node_modules\cross-spawn
11/13 webpack-merge@5.7.3 installed at node_modules\store\webpack-merge@5.10.0\node_modules\webpack-merge
12/13 import-local@3.0.2 installed at node_modules\store\import-local@3.1.0\node_modules\import-local
13/13 rechoir@0.8.0 installed at node_modules\store\rechoir@0.8.0\node_modules\rechoir
All packages installed (40 packages installed from npm registry, used 32(network 90ms), speed 184.8KB/s, json 39(166.37KB), tarball 0B, manifests cache hit 1, etag hit 0 / miss 0)
[webpack-cli@5.1.4] link D:\Program Files\nodejs\node_global\webpack-cli@ -> D:\Program Files\nodejs\node_global\node_modules\webpack-cli\bin\cli.js
```

4. 安装vue-cli3.x

```
cnpm install @vue/cli -g
```

```
C:\WINDOWS\system32>cnpm install @vue/cli -g
Downloading @vue/cli to D:\Program Files\nodejs\node_global\node_modules\@vue\cli_tmp
Copying D:\Program Files\nodejs\node_global\node_modules\@vue\cli_tmp\store\@vue\cli@5.0.8\node_modules\@vue\cli to D:\Program Files\nodejs\node_global\node_modules\@vue\cli
Installing @vue/cli's dependencies to D:\Program Files\nodejs\node_global\node_modules\@vue\cli\node_modules
11/35 commander@7.1.0 installed at node_modules\store\commander@7.2.0\node_modules\commander
2/35 envinfo@7.7.4 installed at node_modules\store\envinfo@7.11.1\node_modules\envinfo
3/35 @types\ejs@3.0.6 installed at node_modules\store\@types\ejs@3.1.5\node_modules\@types\ejs
4/35 ini@2.0.0 installed at node_modules\store\ini@2.0.0\node_modules\ini
6/35 lodash.clonedeep@4.5.0 installed at node_modules\store\lodash.clonedeep@4.5.0\node_modules\lodash.clonedeep
7/35 deepmerge@4.2.2 installed at node_modules\store\deepmerge@4.3.1\node_modules\deepmerge
7/35 slash@3.0.0 installed at node_modules\store\slash@3.0.0\node_modules\slash
8/35 leven@3.1.0 installed at node_modules\store\leven@3.1.0\node_modules\leven
9/35 isbinaryfile@4.0.6 installed at node_modules\store\isbinaryfile@4.0.10\node_modules\isbinaryfile
10/35 javascript-stringify@2.0.1 installed at node_modules\store\javascript-stringify@2.1.0\node_modules\javascript-stringify
11/35 strip-ansi@6.0.0 installed at node_modules\store\strip-ansi@6.0.1\node_modules\strip-ansi
12/35 lru-cache@6.0.0 installed at node_modules\store\lru-cache@6.0.0\node_modules\lru-cache
13/35 minimist@1.2.5 installed at node_modules\store\minimist@1.2.8\node_modules\minimist
14/35 @vue/cli-ui-addon-widgets@5.0.8 installed at node_modules\store\@vue/cli-ui-addon-widgets@5.0.8\node_modules\@vue/cli-ui-addon-widgets
15/35 debug@4.1.0 installed at node_modules\store\debug@4.3.4\node_modules\debug
16/35 @vue/cli-ui-addon-webpack@5.0.8 installed at node_modules\store\@vue/cli-ui-addon-webpack@5.0.8\node_modules\@vue/cli-ui-addon-webpack
17/35 import-global@0.1.0 installed at node_modules\store\import-global@0.1.0\node_modules\import-global
18/35 validate-npm-package-name@3.0.0 installed at node_modules\store\validate-npm-package-name@3.0.0\node_modules\validate-npm-package-name
19/35 pkg-dir@5.0.0 installed at node_modules\store\pkg-dir@5.0.0\node_modules\pkg-dir
20/35 shortid@2.2.15 installed at node_modules\store\shortid@2.2.16\node_modules\shortid
21/35 js-yaml@4.0.0 installed at node_modules\store\js-yaml@4.1.0\node_modules\js-yaml
22/35 fs-extra@9.1.0 installed at node_modules\store\fs-extra@9.1.0\node_modules\fs-extra
23/35 boxen@5.0.0 installed at node_modules\store\boxen@5.1.2\node_modules\boxen
24/35 recast@0.20.2 installed at node_modules\store\recast@0.20.5\node_modules\recast
25/35 resolve@1.20.0 installed at node_modules\store\resolve@1.22.8\node_modules\resolve
26/35 @vue/cli-shared-utils@5.0.8 installed at node_modules\store\@vue/cli-shared-utils@5.0.8\node_modules\@vue/cli-shared-utils
27/35 yaml-front-matter@4.1.0 installed at node_modules\store\yaml-front-matter@4.1.1\node_modules\yaml-front-matter[28/35] globby@11.0.2 installed at node_modules\store\globby@11.1.0\node_modules\globby
29/35 download-git-repo@3.0.2 installed at node_modules\store\download-git-repo@3.0.2\node_modules\download-git-repo[30/35] ejs@3.1.6 installed at node_modules\store\ejs@3.1.9\node_modules\ejs
31/35 vue@2.6.14 installed at node_modules\store\vue@2.7.16\node_modules\vue
32/35 @vue/cli-ui@5.0.8 installed at node_modules\store\@vue/cli-ui@5.0.8\node_modules\@vue/cli-ui
33/35 @vue/cli-inquirer@5.0.8 installed at node_modules\store\@vue/cli-inquirer@5.2.6\node_modules\@vue/cli-inquirer
34/35 @types\inquirer@8.1.3 installed at node_modules\store\@types\inquirer@8.2.10\node_modules\@types\inquirer
35/35 vue-codemod@0.0.5 installed at node_modules\store\vue-codemod@0.0.5\node_modules\vue-codemod
deprecate shortid@2.2.15 Package no longer supported. Contact Support at https://www.npmjs.com/support for more info.
deprecate vue-codemod@0.0.5 > jscodeshift@0.11.0 > @babel/plugin-proposal-class-properties@7.1.0 This proposal has been merged to the ECMAScript standard and thus this plugin is no longer maintained. Please use @babel/plugin-transform-class-properties instead.
deprecate vue-codemod@0.0.5 > jscodeshift@0.11.0 > @babel/plugin-proposal-nullish-coalescing-operator@7.1.0 This proposal has been merged to the ECMAScript standard and thus this plugin is no longer maintained. Please use @babel/plugin-transform-nullish-coalescing-operator instead.
deprecate vue-codemod@0.0.5 > jscodeshift@0.11.0 > @babel/plugin-proposal-optional-chaining@7.1.0 This proposal has been merged to the ECMAScript standard and thus this plugin is no longer maintained. Please use @babel/plugin-transform-optional-chaining instead.
deprecate vue-codemod@0.0.5 > jscodeshift@0.11.0 > micromatch@3.1.0 > snapdragon@0.8.2 > source-map-resolve@0.5.0 See https://github.com/lydell/source-map-resolve#deprecated
deprecate vue-codemod@0.0.5 > jscodeshift@0.11.0 > micromatch@3.1.0 > snapdragon@0.8.2 > source-map-resolve@0.5.3 > source-map-url@0.4.0 See https://github.com/lydell/source-map-url#depre
```

```
deprecate vue-codemod@0.5.0 > jscodeshift@0.11.0 > micromatch@3.1.10 > snappy@0.8.2 > source-map-resolve@0.5.3 > urix@0.1.0 Please see https://github.com/lydell/urix#deprecated
deprecate vue-codemod@0.5.0 > jscodeshift@0.11.0 > micromatch@3.1.10 > snappy@0.8.2 > source-map-resolve@0.5.3 > resolve-url@0.2.1 https://github.com/lydell/resolve-url#deprecated
deprecate vue@2.6.14 Vue 2 has reached EOL and is no longer actively maintained. See https://v2.vuejs.org/eol/ for more details.
anti_server @vue/cli-ui@5.0.8 > apollo-server-express@3.13.0 > @types/express@4.17.14 > @types/express-serve-static-core@4.17.18 declares @types/express-serve-static-core@4.17.18(resolved
as 4.17.43) but using ancestor(apollo-server-express)'s dependency @types/express-serve-static-core@4.17.31(resolved as 4.17.31)
deprecate @vue/cli-ui@5.0.8 > apollo-server-express@3.13.0 > apollo-server-types@3.8.0 The 'apollo-server-types' package is part of Apollo Server v2 and v3, which are now deprecated (end-o
f-life October 22nd 2023 and October 22nd 2024, respectively). This package's functionality is now found in the 'apollo/server' package. See https://www.apollographql.com/docs/apollo-se
r/previous-versions/ for more details.
deprecate @vue/cli-ui@5.0.8 > subscriptions-transport-ws@0.11.0 The 'subscriptions-transport-ws' package is no longer maintained. We recommend you use 'graphql-ws' instead. For help migrat
ing Apollo software to 'graphql-ws', see https://www.apollographql.com/docs/apollo-server/data/subscriptions/#switching-from-subscriptions-transport-ws For general help using 'graphql-ws'
, see https://github.com/enisdenjo/graphql-ws/blob/master/README.md
deprecate @vue/cli-ui@5.0.8 > apollo-server-express@3.13.0 > apollo-server-types@3.8.0 > apollo-reporting-protobuf@3.4.0 The 'apollo-reporting-protobuf' package is part of Apollo Server v2
and v3, which are now deprecated (end-of-life October 22nd 2023 and October 22nd 2024, respectively). This package's functionality is now found in the 'apollo/usage-reporting-protobuf' pa
ckage. See https://www.apollographql.com/docs/apollo-server/previous-versions/ for more details.
deprecate @vue/cli-ui@5.0.8 > apollo-server-express@3.13.0 > apollo-server-env@4.2.1 The 'apollo-server-env' package is part of Apollo Server v2 and v3, which are now deprecated (end-o
f-life October 22nd 2023 and October 22nd 2024, respectively). This package's functionality is now found in the 'apollo/usage-reporting-protobuf' package. See https://www.apollographql
.com/docs/apollo-server/previous-versions/ for more details.
deprecate @vue/cli-ui@5.0.8 > apollo-server-express@3.13.0 > apollo-datasource@3.3.2 The 'apollo-datasource' package is part of Apollo Server v2 and v3, which are now deprecated (end-of-l
ife October 22nd 2023 and October 22nd 2024, respectively). See https://www.apollographql.com/docs/apollo-server/previous-versions/ for more details.
deprecate @vue/cli-ui@5.0.8 > apollo-server-express@3.13.0 > apollo-server-core@3.13.0 > apollo-server-plugin-base@3.7.2 The 'apollo-server-plugin-base' package is part of Apollo Server v2
and v3, which are now deprecated (end-of-life October 22nd 2023 and October 22nd 2024, respectively). This package's functionality is now found in the 'apollo/server' package. See https://
www.apollographql.com/docs/apollo-server/previous-versions/ for more details.
deprecate @vue/cli-ui@5.0.8 > apollo-server-express@3.13.0 > apollo-server-core@3.13.0 > apollo-server-plugin-base@3.7.2 The 'apollo-server-plugin-base' package is part of Apollo Server v2
and v3, which are now deprecated (end-of-life October 22nd 2023 and October 22nd 2024, respectively). This package's functionality is now found in the 'apollo/server' package. See https://
www.apollographql.com/docs/apollo-server/previous-versions/ for more details.
Recently updated (since 2024-03-16): 82 packages (detail see file D:\Program Files\nodejs\node_global\node_modules\@vue/cli\node_modules\recently_updates.txt)
2024-03-22
  -> vue-codemod@0.5.0 > @babel/preset-env@7.24.3 > @babel/helper-compilation-targets@7.23.6 > browserslist@4.23.0 > electron-to-chromium@1.4.668(1.4.715) (11:02:24)
  -> vue-codemod@0.5.0 > @babel/preset-env@7.24.3 > @babel/helper-compilation-targets@7.23.6 > browserslist@4.23.0 > caniuse-lite@1.0.30001587(1.0.30001600) (11:47:23)
2024-03-21
  -> vue@2.7.16 > @vue/compiler-sfc@2.7.16 > postcss@8.4.14(8.4.38) (06:55:34)
  -> @vue/cli-ui@5.0.8 > express@4.17.1(4.19.1) (06:19:45)
  -> @vue/cli-ui@5.0.8 > apollo-server-express@3.13.0 > @types/express@4.17.14 > @types/qs@6(6.9.14) (00:08:36)
2024-03-20
  -> @vue/cli-shared-utils@5.0.8 > read-pkg@5.2.0 > parse-json@5.2.0 > @babel/code-frame@7.0.0(7.24.2) (02:07:35)
  -> @vue/cli-shared-utils@5.0.8 > read-pkg@5.2.0 > parse-json@5.2.0 > @babel/code-frame@7.24.2 > @babel/highlight@7.24.2(7.24.2) (02:07:31)
  -> vue-codemod@0.5.0 > @vue/compiler-core@3.4.21 > source-map-js@1.0.2(1.2.0) (00:21:36)
  -> vue-codemod@0.5.0 > @babel/preset-env@7.24.3 > @babel/plugin-transform-async-generator-functions@7.24.3(7.24.3) (20:09:01)
  -> vue-codemod@0.5.0 > @babel/preset-env@7.24.3 > @babel/plugin-transform-async-generator-functions@7.24.3(7.24.3) (20:08:55)
  -> vue-codemod@0.5.0 > @babel/preset-env@7.24.3 > babel-plugin-polyfill-corejs3@0.10.4(0.10.4) (19:37:39)
  -> vue-codemod@0.5.0 > @babel/preset-env@7.24.3 > babel-plugin-transform-async-to-generator@7.24.1 > @babel/helper-module-imports@7.24.1(7.24.3) (20:08:55)
  -> vue-codemod@0.5.0 > @babel/core@7.10.3(7.24.3) (20:08:55)
2024-03-19
  -> @types/inquirer@3.2.10 > @types/through@0.0.33 > @types/node@8(20.11.30) (20:41:32)
  -> vue-codemod@0.5.0 > @vue/compiler-core@3.4.21 > @babel/parser@7.23.9(7.24.1) (17:48:00)
  -> vue-codemod@0.5.0 > @babel/preset-env@7.24.3 > @babel/plugin-syntax-import-assertions@7.24.1(7.24.1) (17:48:19)
  -> vue-codemod@0.5.0 > @babel/preset-env@7.24.3 > @babel/plugin-transform-class-static-block@7.24.1(7.24.1) (17:49:35)
  -> vue-codemod@0.5.0 > @babel/preset-env@7.24.3 > @babel/plugin-transform-dynamic-import@7.24.1(7.24.1) (17:48:34)
  -> vue-codemod@0.5.0 > @babel/preset-env@7.24.3 > @babel/plugin-transform-class-properties@7.24.1(7.24.1) (17:49:33)
  -> vue-codemod@0.5.0 > @babel/preset-env@7.24.3 > @babel/plugin-transform-block-scoped-functions@7.24.1(7.24.1) (17:48:31)
  -> vue-codemod@0.5.0 > @babel/preset-env@7.24.3 > @babel/plugin-transform-private-methods@7.24.1(7.24.1) (17:49:35) -> vue-codemod@0.5.0 > @babel/preset-env@7.24.3 > @babel/plugin-t
ransform-property-literals@7.24.1(7.24.1) (17:48:56)
  -> vue-codemod@0.5.0 > @babel/preset-env@7.24.3 > @babel/plugin-transform-logical-assignment-operators@7.24.1(7.24.1) (17:48:39)
  -> vue-codemod@0.5.0 > @babel/preset-env@7.24.3 > @babel/plugin-transform-export-namespace-from@7.24.1(7.24.1) (17:48:36)
  -> vue-codemod@0.5.0 > @babel/preset-env@7.24.3 > @babel/plugin-transform-optional-chaining@7.24.1(7.24.1) (17:48:54)
  -> vue-codemod@0.5.0 > @babel/preset-env@7.24.3 > @babel/plugin-transform-modules-umd@7.24.1(7.24.1) (17:48:44)
  -> vue-codemod@0.5.0 > @babel/preset-env@7.24.3 > @babel/plugin-transform-nullish-coalescing-operator@7.24.1(7.24.1) (17:48:51)
  -> vue-codemod@0.5.0 > @babel/preset-env@7.24.3 > @babel/plugin-transform-modules-amd@7.24.1(7.24.1) (17:48:41)
  -> vue-codemod@0.5.0 > @babel/preset-env@7.24.3 > @babel/plugin-transform-member-expression-literals@7.24.1(7.24.1) (17:48:40)
  -> vue-codemod@0.5.0 > @babel/preset-env@7.24.3 > @babel/plugin-transform-new-target@7.24.1(7.24.1) (17:48:31)
  -> vue-codemod@0.5.0 > @babel/preset-env@7.24.3 > @babel/plugin-transform-optional-catch-binding@7.24.1(7.24.1) (17:48:54)
  -> vue-codemod@0.5.0 > @babel/preset-env@7.24.3 > @babel/plugin-transform-sticky-regex@7.24.1(7.24.1) (17:49:05)
  -> vue-codemod@0.5.0 > @babel/preset-env@7.24.3 > @babel/plugin-transform-numeric-separator@7.24.1(7.24.1) (17:48:51)
  -> vue-codemod@0.5.0 > @babel/preset-env@7.24.3 > @babel/plugin-transform-function-name@7.24.1(7.24.1) (17:48:37)
  -> vue-codemod@0.5.0 > @babel/preset-env@7.24.3 > @babel/plugin-transform-unicode-regex@7.24.1(7.24.1) (17:49:11)
  -> vue-codemod@0.5.0 > @babel/preset-env@7.24.3 > @babel/plugin-transform-literals@7.24.1(7.24.1) (17:48:39)
  -> vue-codemod@0.5.0 > @babel/preset-env@7.24.3 > @babel/plugin-transform-spread@7.24.1(7.24.1) (17:49:04)
  -> vue-codemod@0.5.0 > @babel/preset-env@7.24.3 > @babel/plugin-transform-private-property-in-object@7.24.1(7.24.1) (17:49:35)
  -> vue-codemod@0.5.0 > @babel/preset-env@7.24.3 > @babel/plugin-transform-object-super@7.24.1(7.24.1) (17:49:29)
  -> vue-codemod@0.5.0 > @babel/preset-env@7.24.3 > @babel/plugin-bugfix-v8-static-class-fields-redefine-readonly@7.24.1(7.24.1) (17:48:00)
  -> vue-codemod@0.5.0 > @babel/preset-env@7.24.3 > @babel/plugin-transform-unicode-escapes@7.24.1(7.24.1) (17:49:07) -> vue-codemod@0.5.0 > @babel/preset-env@7.24.3 > @babel/plugin-t
ransform-unicode-property-regex@7.24.1(7.24.1) (17:49:09)
  -> vue-codemod@0.5.0 > @babel/preset-env@7.24.3 > @babel/plugin-transform-duplicate-keys@7.24.1(7.24.1) (17:48:33)
  -> vue-codemod@0.5.0 > @babel/preset-env@7.24.3 > @babel/plugin-transform-computed-properties@7.24.1(7.24.1) (17:48:32)
  -> vue-codemod@0.5.0 > @babel/preset-env@7.24.3 > @babel/plugin-transform-type-of-symbol@7.24.1(7.24.1) (17:49:06)
  -> vue-codemod@0.5.0 > @babel/preset-env@7.24.3 > @babel/plugin-transform-dotall-regex@7.24.1(7.24.1) (17:48:34)
  -> vue-codemod@0.5.0 > @babel/preset-env@7.24.3 > @babel/plugin-transform-reserved-words@7.24.1(7.24.1) (17:49:00)
  -> vue-codemod@0.5.0 > @babel/preset-env@7.24.3 > @babel/plugin-transform-exponentiation-operator@7.24.1(7.24.1) (17:48:34)
  -> vue-codemod@0.5.0 > @babel/preset-env@7.24.3 > @babel/plugin-transform-safari-id destructuring-collision-in-function-expression@7.24.1(7.24.1) (17:48:00)
  -> vue-codemod@0.5.0 > @babel/preset-env@7.24.3 > @babel/plugin-transform-modules-systemjs@7.24.1(7.24.1) (17:48:42)
  -> vue-codemod@0.5.0 > @babel/preset-env@7.24.3 > @babel/plugin-transform-object-rest-spread@7.24.1(7.24.1) (17:49:28)
  -> vue-codemod@0.5.0 > @babel/preset-env@7.24.3 > @babel/plugin-transform-json-strings@7.24.1(7.24.1) (17:48:38)
  -> vue-codemod@0.5.0 > @babel/preset-env@7.24.3 > @babel/plugin-transform-destructuring@7.24.1(7.24.1) (17:48:32)
  -> vue-codemod@0.5.0 > @babel/preset-env@7.24.3 > @babel/plugin-transform-for-of@7.24.1(7.24.1) (17:48:36)
  -> vue-codemod@0.5.0 > @babel/preset-env@7.24.3 > @babel/plugin-transform-template-literals@7.24.1(7.24.1) (17:49:06)
  -> vue-codemod@0.5.0 > @babel/preset-env@7.24.3 > @babel/plugin-transform-classes@7.24.1(7.24.1) (17:49:27)
  -> vue-codemod@0.5.0 > @babel/preset-env@7.24.3 > @babel/plugin-transform-modules-commonjs@7.24.1(7.24.1) (17:48:42)
  -> vue-codemod@0.5.0 > @babel/preset-env@7.24.3 > @babel/plugin-transform-block-scoping@7.24.1(7.24.1) (17:48:31)
  -> vue-codemod@0.5.0 > @babel/preset-env@7.24.3 > @babel/plugin-transform-parameters@7.24.1(7.24.1) (17:48:54)
  -> vue-codemod@0.5.0 > @babel/preset-env@7.24.3 > @babel/compat-data@7.24.1(7.24.1) (17:47:31)
  -> vue-codemod@0.5.0 > jscodeshift@0.11.0 > @babel/preset-typescript@7.1.0(7.24.1) (17:49:41)
  -> vue-codemod@0.5.0 > jscodeshift@0.11.0 > @babel/preset-flow@7.0.0(7.24.1) (17:49:38)
  -> vue-codemod@0.5.0 > @babel/preset-env@7.24.3 > @babel/plugin-transform-object-super@7.24.1 > @babel/helper-replace-supers@7.24.1(7.24.1) (17:47:26)
  -> vue-codemod@0.5.0 > @babel/preset-env@7.24.3 > core-js-compat@3.31.0(3.36.1) (09:43:14)
  -> vue-codemod@0.5.0 > @babel/preset-env@7.24.3 > @babel/plugin-syntax-jsx@7.24.1(7.24.1) (17:48:21)
  -> vue-codemod@0.5.0 > @babel/preset-env@7.24.3 > @babel/plugin-transform-class-static-block@7.24.1 > @babel/helper-create-class-features-plugin@7.24.1(7.24.1) (17:49:17)
  -> vue-codemod@0.5.0 > jscodeshift@0.11.0 > @babel/preset-flow@7.24.1 > @babel/plugin-transform-flow-strip-types@7.24.1(7.24.1) (17:49:28)
  -> vue-codemod@0.5.0 > jscodeshift@0.11.0 > @babel/preset-typescript@7.24.1 > @babel/plugin-transform-typescript@7.24.1(7.24.1) (17:49:36)
  -> vue-codemod@0.5.0 > jscodeshift@0.11.0 > @babel/preset-flow@7.24.1 > @babel/plugin-transform-flow-strip-types@7.24.1 > @babel/plugin-syntax-flow@7.24.1(7.24.1) (17:48:15)
  -> vue-codemod@0.5.0 > @babel/core@7.24.3 > @babel/generator@7.24.1(7.24.1) (17:47:31)
  -> vue-codemod@0.5.0 > @babel/core@7.24.3 > @babel/traverse@7.24.1(7.24.1) (17:49:38)
  -> vue-codemod@0.5.0 > @babel/core@7.24.3 > @babel/helpers@7.24.1(7.24.1) (17:49:41)
  -> vue-codemod@0.5.0 > @babel/types@7.24.0 > @babel/helper-string-parser@7.23.4(7.24.1) > regenerator-transform@0.15.2 > @babel/runtime@7.8.4(7.24.1) (17:49:11)
  -> vue-codemod@0.5.0 > @babel/preset-env@7.24.3 > @babel/plugin-transform-regenerator@7.24.1 > regenerator-transform@0.15.2 > @babel/runtime@7.8.4(7.24.1) (17:49:11)
Run 2 script(s) in 600ms.
All packages installed (783 packages installed from npm registry, used 13s(network 13s), speed 582.02KB/s, json 624(7.53MB), tarball 0B, manifests cache hit 65, etag hit 0 / miss 0)
[Vue/cli@5.0.8] link D:\Program Files\nodejs\node_global\vue -> D:\Program Files\nodejs\node_global\node_modules\@vue/cli\bin\vue.js
```

五、创建vue3项目

此时仍然以管理员身份打开命令行

1. 安装Yarn

```
cnpm install -g yarn
```

```
C:\WINDOWS\system32>cnpm install -g yarn
Downloading yarn to D:\Program Files\nodejs\node_global\node_modules\yarn_tmp
Copying D:\Program Files\nodejs\node_global\node_modules\yarn_tmp\store\yarn@1.22.22\node_modules\yarn to D:\Program Files\nodejs\node_global\node_modules\yarn
Installing yarn's dependencies to D:\Program Files\nodejs\node_global\node_modules\yarn\node_modules
Run 1 script(s) in 46ms.
All packages installed (used 50ms(network 2ms), speed 0B/s, json 0(0B), tarball 0B, manifests cache hit 0, etag hit 0 / miss 0)
[yarn@1.22.22] link D:\Program Files\nodejs\node_global\yarn@ -> D:\Program Files\nodejs\node_global\node_modules\yarn\bin\yarn.js
[yarn@1.22.22] link D:\Program Files\nodejs\node_global\yarnpkg@ -> D:\Program Files\nodejs\node_global\node_modules\yarn\bin\yarn.js
```

2. 测试安装是否成功

```
yarn -v
```

```
C:\WINDOWS\system32>yarn -v
1.22.22
```

3. 创建项目

进入想要创建项目的目录（可不进入）

```
cd 目录
```

创建项目

```
vue create demo
// vue create [项目名称]
```

```
C:\WINDOWS\system32>vue create demo

Vue CLI v5.0.8
? Target directory C:\WINDOWS\system32\demo already exists. Pick an action: Overwrite

Removing C:\WINDOWS\system32\demo...

Vue CLI v5.0.8
? Please pick a preset: Default ([Vue 3] babel, eslint)

Vue CLI v5.0.8
☐ Creating project in C:\WINDOWS\system32\demo.
 $\diamond$  Initializing git repository...
☐ Installing CLI plugins. This might take a while...

yarn install v1.22.22
info No lockfile found.
[1/4] Resolving packages...
[2/4] Fetching packages...
[3/4] Linking dependencies...

success Saved lockfile.
Done in 74.75s.
 $\diamond$  Invoking generators...
 $\diamond$  Installing additional dependencies...

yarn install v1.22.22
[1/4] Resolving packages...
[2/4] Fetching packages...
[3/4] Linking dependencies...
[4/4] Building fresh packages...

success Saved lockfile.
Done in 14.61s.
☐ Running completion hooks...

 $\diamond$  Generating README.md...

 $\diamond$  Successfully created project demo.
 $\diamond$  Get started with the following commands:

$ cd demo
$ yarn serve
```

根据给出的提示进入项目目录，运行项目

```
cd demo
yarn serve
```



```
C:\WINDOWS\system32>cd demo

C:\Windows\System32\demo>yarn serve
yarn run v1.22.22
$ vue-cli-service serve
INFO Starting development server...

DONE Compiled successfully in 6031ms

App running at:
- Local: http://localhost:8080/
- Network: http://10.202.227.170:8080/

Note that the development build is not optimized.
To create a production build, run yarn build.
```

4. 测试创建是否成功

根据给出的提示在浏览器打开 <http://localhost:8080/> 或 <http://10.202.227.170:8080/>，出现以下界面即为成功

