

12.23日志

关于nodejs和node的问题

1. node 和 npm 的安装问题

安装cnpm时出现如下问题

```
C:\Users\87626351>npm install -g cnpm --registry=https://registry.npm.taobao.org
npm ERR! code EPERM
npm ERR! syscall mkdir
npm ERR! path D:\nodejs\node_cache\node_modules
npm ERR! errno -4048
npm ERR! Error: EPERM: operation not permitted, mkdir 'D:\nodejs\node_cache\node_modules'
npm ERR! [Error: EPERM: operation not permitted, mkdir 'D:\nodejs\node_cache\node_modules'
npm ERR!   errno: -4048,
npm ERR!   code: 'EPERM',
npm ERR!   syscall: 'mkdir',
npm ERR!   path: 'D:\nodejs\node_cache\node_modules'
npm ERR! ]
npm ERR! The operation was rejected by your operating system.
npm ERR! It's possible that the file was already in use (by a text editor or antivirus),
npm ERR! or that you lack permissions to access it.
npm ERR! If you believe this might be a permissions issue, please double-check the
npm ERR! permissions of the file and its containing directories, or try running
npm ERR! the command again as root/Administrator.

npm ERR! A complete log of this run can be found in:
```

无法安装

按照查照方法一

设置缓存的文件夹和全局模块存放路径

设置缓存文件夹

```
npm config set cache "D:\nodejs\node_cache"
```

设置全局模块存放路径

```
npm config set prefix "D:\nodejs\node_global"
```

设置完成后，安装的全局模块就在D:\nodejs\node_global里

安装cnpm（淘宝镜像）

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

依然报错

```
C:\Windows\system32\cmd.exe

C:\Users\87626351>npm install -g cnpm --registry=https://registry.npm.taobao.org
npm ERR! code EPERM
npm ERR! syscall mkdir
npm ERR! path D:\nodejs\node_cache\_cacache
npm ERR! errno EPERM
npm ERR! FetchError: Invalid response body while trying to fetch https://registry.npm.taobao.org/cnpm: E
not permitted, mkdir 'D:\nodejs\node_cache\_cacache'
npm ERR!   at D:\nodejs\node_modules\npm\node_modules\minipass-fetch\lib\body.js:162:15
npm ERR!   at async Arborist.[nodeFromEdge] (D:\nodejs\node_modules\npm\node_modules\@npmcli\arborist\l
ld-ideal-tree.js:1061:19)
npm ERR!   at async Arborist.[buildDepStep] (D:\nodejs\node_modules\npm\node_modules\@npmcli\arborist\l
ld-ideal-tree.js:930:11)
npm ERR!   at async Arborist.buildIdealTree (D:\nodejs\node_modules\npm\node_modules\@npmcli\arborist\l
ld-ideal-tree.js:216:7)
npm ERR!   at async Arborist.reify (D:\nodejs\node_modules\npm\node_modules\@npmcli\arborist\lib\arbori
:5)
npm ERR!   at async Install.install (D:\nodejs\node_modules\npm\lib\install.js:170:5)
npm ERR! FetchError: Invalid response body while trying to fetch https://registry.npm.taobao.org/cnpm: E
not permitted, mkdir 'D:\nodejs\node_cache\_cacache'
npm ERR!   at D:\nodejs\node_modules\npm\node_modules\minipass-fetch\lib\body.js:162:15
npm ERR!   at async Arborist.[nodeFromEdge] (D:\nodejs\node_modules\npm\node_modules\@npmcli\arborist\l
ld-ideal-tree.js:1061:19)
npm ERR!   at async Arborist.[buildDepStep] (D:\nodejs\node_modules\npm\node_modules\@npmcli\arborist\l
ld-ideal-tree.js:930:11)
npm ERR!   at async Arborist.buildIdealTree (D:\nodejs\node_modules\npm\node_modules\@npmcli\arborist\l
ld-ideal-tree.js:216:7)
npm ERR!   at async Arborist.reify (D:\nodejs\node_modules\npm\node_modules\@npmcli\arborist\lib\arbori
:5)
npm ERR!   at async Install.install (D:\nodejs\node_modules\npm\lib\install.js:170:5) {
```

查照方法二

要求升级npm，发现npm升级也报错

```
C:\Users\87626351>npm install -g npm
npm ERR! code EPERM
npm ERR! syscall mkdir
npm ERR! path D:\nodejs\node_cache\_cacache
npm ERR! errno EPERM
npm ERR! FetchError: Invalid response body while trying to fetch https://registry.npmjs.org/npm: EPERM: operation n
mitted, mkdir 'D:\nodejs\node_cache\_cacache'
npm ERR!   at D:\nodejs\node_modules\npm\node_modules\minipass-fetch\lib\body.js:162:15
npm ERR!   at async Install.install (D:\nodejs\node_modules\npm\lib\install.js:139:27)
npm ERR! FetchError: Invalid response body while trying to fetch https://registry.npmjs.org/npm: EPERM: operation
mitted, mkdir 'D:\nodejs\node_cache\_cacache'
npm ERR!   at D:\nodejs\node_modules\npm\node_modules\minipass-fetch\lib\body.js:162:15
npm ERR!   at async Install.install (D:\nodejs\node_modules\npm\lib\install.js:139:27) {
npm ERR!   code: 'EPERM',
npm ERR!   errno: 'EPERM',
npm ERR!   syscall: 'mkdir',
npm ERR!   path: 'D:\\nodejs\\node_cache\\_cacache',
npm ERR!   type: 'system'
npm ERR! }
npm ERR! The operation was rejected by your operating system.
npm ERR! It's possible that the file was already in use (by a text editor or antivirus),
npm ERR! or that you lack permissions to access it.
npm ERR! If you believe this might be a permissions issue, please double-check the
npm ERR! permissions of the file and its containing directories, or try running
npm ERR! the command again as root/Administrator.
```

查照原因，未开启管理员

打开管理员模式

```
C:\Windows\system32>npm -g install npm

added 2 packages, and audited 39 packages in 11s

1 moderate severity vulnerability

To address all issues, run:
  npm audit fix

Run `npm audit` for details.
```

仍然报错

重新检查node和npm安装问题

node和npm安装正确

```
C:\Windows\system32>node -v
v16.13.1

C:\Windows\system32>npm -v
8.3.0
```

再下载cnpm。

```
C:\Windows\system32> npm install -g cnpm --registry=http://registry.npm.taobao.org
npm WARN deprecated har-validator@5.1.5: this library is no longer supported
npm WARN deprecated uuid@3.4.0: Please upgrade to version 7 or higher. Older versions may use random
circumstances, which is known to be problematic. See https://v8.dev/blog/math-random for details.
npm WARN deprecated request@2.88.2: request has been deprecated, see https://github.com/request/request/issues/3142
added 380 packages in 8m

3 packages are looking for funding
run `npm fund` for details
```

安装成功

2.安装vue-cli

输入npm install -g vue-cli部分地方报错

查询原因npm版本过高

修改npm版本

将其改为 npm install npm@6.14.10 -g

重新输入npm install -g vue-cli

安装成功

3.搭建前端项目

搭建前端输入vue init webpack wj-vue

报错

```
New major version of npm available! 6.14.10 -> 8.3.0
Changelog: https://github.com/npm/cli/releases/tag/v8.3.0
Run npm install -g npm to update!
```

查询问题npm版本低

更新版本

运行npm run dev

报错，查照问题：找不到package.json

进入wj-vue文件，输入npm run dev

运行成功

```
DONE Compiled successfully in 3673ms
```

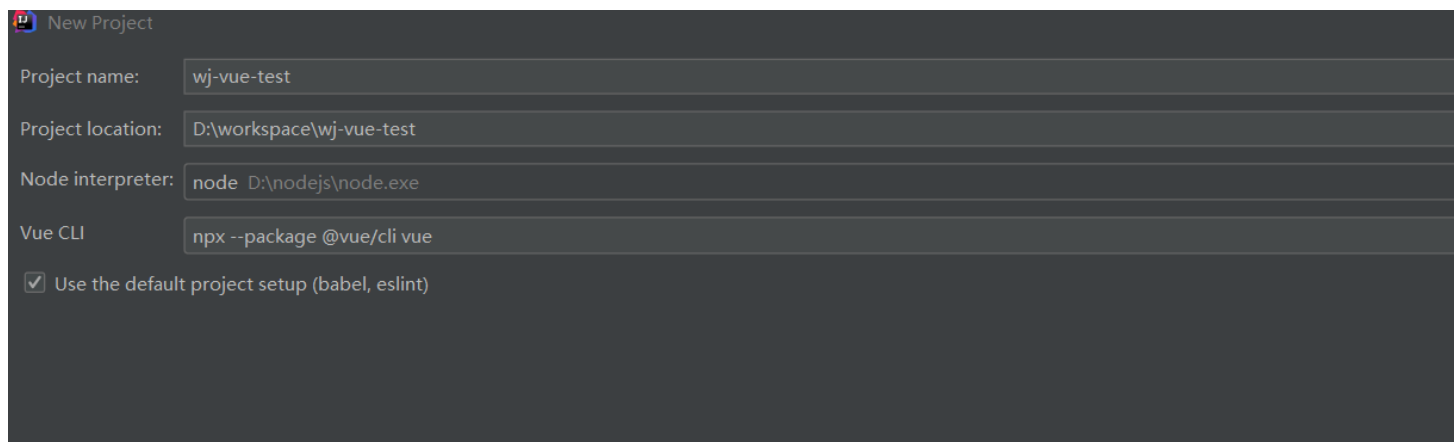
```
I Your application is running here: http://localhost:8080
```



4.使用idea

然后选择 Static Web -> Vue.js, 点击 next, 输入相关参数

选择 CLI 的版本



调出终端, 执行 npm install

执行出错

```
D:\workspace\wj-vue-test>npm install
npm ERR! code ENOENT
npm ERR! syscall open
npm ERR! path D:\workspace\wj-vue-test/package.json
npm ERR! errno -4058
npm ERR! enoent ENOENT: no such file or directory, open 'D:\workspace\wj-vue-test\package.json'
npm ERR! enoent This is related to npm not being able to find a file.
npm ERR! enoent

npm ERR! A complete log of this run can be found in:
```

设置镜像

```
D:\workspace\wj-vue-test>npm config set registry https://registry.npm.taobao.org

D:\workspace\wj-vue-test>npm install
npm ERR! code ENOENT
npm ERR! syscall open
npm ERR! path D:\workspace\wj-vue-test/package.json
npm ERR! errno -4058
npm ERR! enoent ENOENT: no such file or directory, open 'D:\workspace\wj-vue-test\package.json'
npm ERR! enoent This is related to npm not being able to find a file.
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npm ERR! A complete log of this run can be found in:
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依然报错