

如何搭建 VUE 框架

1.安装 node

- 安装 node.js 安装 vue 前电脑中必须已经安装成功 node.js
 - node.js 链接: <https://nodejs.org/en/download/>
 - 下载完成后, 执行安装程序, 直接进行安装即可
 - 安装完成后, 打开命令行窗口 (cmd)
 - 输入 node -v 和 npm -v 可查看安装的 node.js 和 npm 的版本号

2.安装编辑器

- 链接: <https://code.visualstudio.com/Download/>

3.安装 vue

- 使用 npm 进行安装
 - 缺点安装速度慢, 因为资源在国外, 可以使用国内镜像
- 使用国内镜像资源安装
- 首先切换淘宝镜像

```
1 npm config set registry https://registry.npmmirror.com
```

- 安装 vue
 - 使用 npm 安装 vue 的脚手架

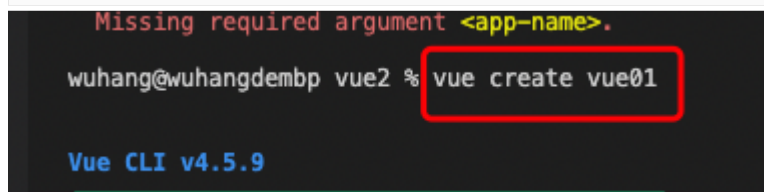
```
1 npm install -g @vue/cli
```

4.创建 Vue 项目

4.1 创建文件

创建文件夹用 vscode 打开, 点击终端按钮, cd 进入到你要创建的文件夹里
输入命令

```
1 vue create vue01
```



4.2 选择配置信息

- 通过上下方向键选择,然后回车确认
选择 Manually select features 自定义配置

```
Vue CLI v4.5.9

New version available 4.5.9 → 5.0.4
Run npm i -g @vue/cli to update!

? Please pick a preset:
  wiki ([Vue 3] typescript, router, vuex, eslint)
  Default ([Vue 2] babel, eslint)
  Default (Vue 3 Preview) ([Vue 3] babel, eslint)
> Manually select features
```

- 之后按空格键选择要安装的资源配置,带*号说明选中啦

```
? Please pick a preset: Manually select features
? Check the features needed for your project:
  ● Choose Vue version
  ● Babel
  ○ TypeScript
  ○ Progressive Web App (PWA) Support
  ● Router
  ● Vuex
> ● CSS Pre-processors
  ○ Linter / Formatter
  ○ Unit Testing
  ○ E2E Testing
```

我一般选择 Babel Router Vuex CssPre...选完直接回车

4.3 选择版本


上下方向键选择版本,这里我们选择 vue2,直接回车

```
? Please pick a preset: Manually select features
? Check the features needed for your project: Choose Vue version, Babel, Router, Vuex, CSS Pre-p
ors
? Choose a version of Vue.js that you want to start the project with (Use arrow keys)
> 2.x
  3.x (Preview)
```

4.4 路径模式选择

- 是否使用 history router? 我选 n


```
? Please pick a preset: Manually select features
? Check the features needed for your project: Choose Vue version, Babel, Router, Vuex, CSS Pre-processors
? Choose a version of Vue.js that you want to start the project with 2.x
? Use history mode for router? (Requires proper server setup for index fallback in production) (Y/n) n
```



4.5 请选择 Css 预处理语言 选择 Less

主要为 css 解决浏览器兼容,简化 css 代码等问题


```
? Use history mode for router? (Requires proper server setup for index fallback in production) No
? Pick a CSS pre-processor (PostCSS, Autoprefixer and CSS Modules are supported by default):
  Sass/SCSS (with dart-sass)
  Sass/SCSS (with node-sass)
> Less
  Stylus
```



4.6 如何存放配置选择 in package.json

我都会统一集成在 package.json 文件

```
? Choose a version of Vue.js that you want to start the project with 2.x
? Use history mode for router? (Requires proper server setup for index fallback in production) No
? Pick a CSS pre-processor (PostCSS, Autoprefixer and CSS Modules are supported by default):
? Where do you prefer placing config for Babel, ESLint, etc.?
  In dedicated config files
> In package.json
```



4.7 是否保存本地配置?我选 N

这里选择 yes 会保存一个模版,以后创建项目可以直接选择,但是大家都是刚学习应该多练手,不建议保存

```
? Please pick a preset: Manually select features
? Check the features needed for your project: Choose Vue version, Babel, Router, Vuex, CSS Pre-processors
? Choose a version of Vue.js that you want to start the project with 2.x
? Use history mode for router? (Requires proper server setup for index fallback in production) No
? Pick a CSS pre-processor (PostCSS, Autoprefixer and CSS Modules are supported by default): Less
? Where do you prefer placing config for Babel, ESLint, etc.? In package.json
? Save this as a preset for future projects? (y/N) N
```

4.8 搭建完毕

```
? Save this as a preset for future projects? No

Vue CLI v4.5.9
🌟 Creating project in /Users/wuhang/Desktop/cshtml/vue2/vue01.
📁 Initializing git repository...
⦿ Installing CLI plugins. This might take a while...

added 1261 packages in 28s
🚀 Invoking generators...
📦 Installing additional dependencies...

added 18 packages in 2s
⚙ Running completion hooks...

📄 Generating README.md...

🎉 Successfully created project vue01.
👉 Get started with the following commands:

$ cd vue01
$ npm run serve

wuhang@wuhangdembp vue2 %
```

到这里 VUE 项目就搭建完毕啦

输入命令 进入 vue01 的路径里

```
1 cd vue01
```

执行启动命令

```
1 npm run serve
```

复制访问

```
DONE Compiled successfully in 1157ms

App running at:
- Local:   http://localhost:8080/
- Network: http://192.168.1.3:8080/

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

浏览器打开

