

java高薪实战项目前端项目本地部署流程

1.简介

目前在线教育系统是前后端分离，为了让学员拿到前端项目代码可以在本地部署并且访问本地的java项目。前端项目分为edu-course-fed和edu-boss-fed两个。edu-course-fed为前台系统的前端项目，访问的是后端的lagou-edu-front,edu-boss-fed为后台管理系统的前端项目，访问的是后端的lagou-edu-boss项目。

2.安装Node.js

Node.js官网：<https://nodejs.org/zh-cn/>



下载node10以上版本。

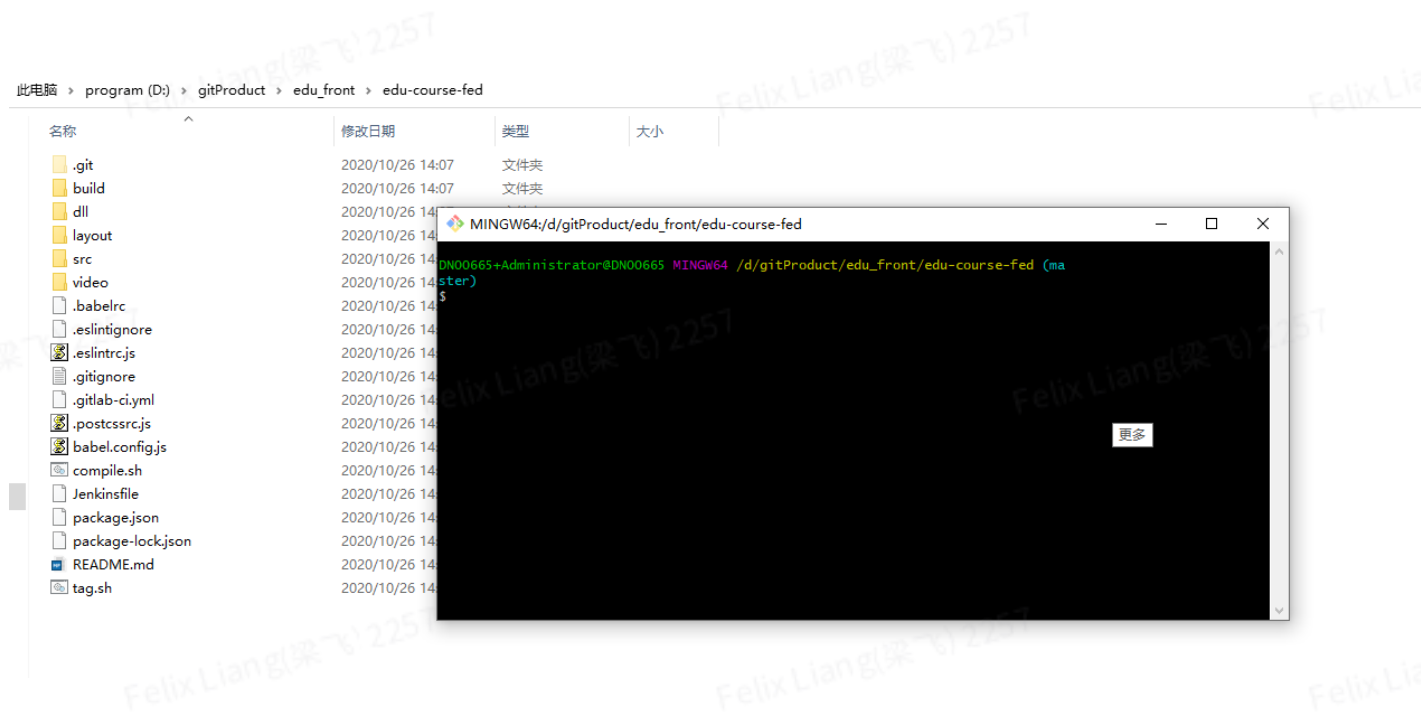
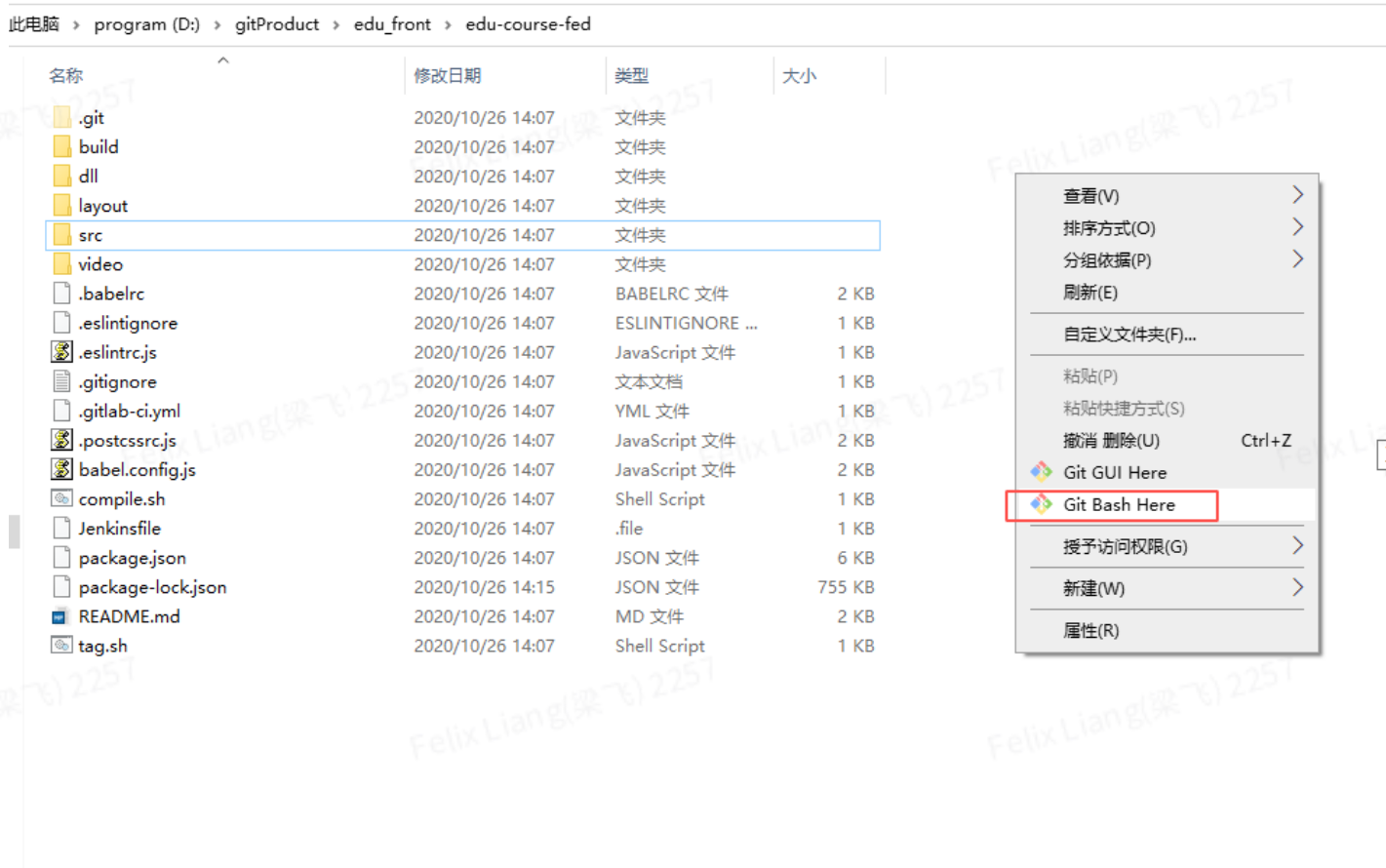
下载后按照引导安装即可。

3.安装git bash

自己百度搜索安装步骤安装即可

4.前端项目之edu-course-fed本地部署

1.进入到前端项目根目录，鼠标右键选择Git Bash



2.执行npm install命令

此电脑 > program (D:) > gitProduct > edu_front > edu-course-fed

名称	修改日期	类型	大小
.git	2020/10/26 14:07	文件夹	
build	2020/10/26 14:07	文件夹	
dll	2020/10/26 14:07	文件夹	
layout	2020/10/26 14:07	文件夹	
src	2020/10/26 14:07	文件夹	
video	2020/10/26 14:07	文件夹	
.babelrc	2020/10/26 14:07	文件	
.eslintignore	2020/10/26 14:07	文件	
.eslintrc.js	2020/10/26 14:07	文件	
.gitignore	2020/10/26 14:07	文件	
.gitlab-ci.yml	2020/10/26 14:07	文件	
.postcssrc.js	2020/10/26 14:07	文件	
babel.config.js	2020/10/26 14:07	文件	
compile.sh	2020/10/26 14:07	文件	
Jenkinsfile	2020/10/26 14:07	文件	
package.json	2020/10/26 14:07	文件	
package-lock.json	2020/10/26 14:07	文件	
README.md	2020/10/26 14:07	文件	
tag.sh	2020/10/26 14:07	文件	

MINGW64/d/gitProduct/edu_front/edu-course-fed

```
DN00665+Administrator@DN00665 MINGW64 /d/gitProduct/edu_front/edu-course-fed (master)
$ npm install
```

更多

此电脑 > program (D:) > gitProduct > edu_front > edu-course-fed

名称 修改日期 类型 大小

node_modules

MINGW64/d/gitProduct/edu_front/edu-course-fed

```
> pre-commit@1.2.2 install D:\gitProduct\edu_front\edu-course-fed\node_modules\pre-commit
> node install.js

pre-commit:
pre-commit: Detected an existing git pre-commit hook
pre-commit: Old pre-commit hook backed up to pre-commit.old
pre-commit:

> pre-push@0.1.1 install D:\gitProduct\edu_front\edu-course-fed\node_modules\pre-push
> node install.js

> core-js@2.6.11 postinstall D:\gitProduct\edu_front\edu-course-fed\node_modules\core-js
> node -e "try(require('./postinstall'))catch(e){}"

Thank you for using core-js ( https://github.com/zloirock/core-js ) for polyfilling JavaScript standard library!

The project needs your help! Please consider supporting of core-js on Collective or Patreon:
> https://opencollective.com/core-js
> https://www.patreon.com/zloirock

Also, the author of core-js ( https://github.com/zloirock ) is looking for a good job -)

> ejs@2.7.4 postinstall D:\gitProduct\edu_front\edu-course-fed\node_modules\ejs
> node ./postinstall.js

Thank you for installing EJS: built with the Jake JavaScript build tool ( https://jakejs.com )

> spawn-sync@0.0.1 postinstall D:\gitProduct\edu_front\edu-course-fed\node_modules\spawn-sync
> node postinstall

> core-js@3.6.5 postinstall D:\gitProduct\edu_front\edu-course-fed\node_modules\vue-slider-component\node_modules\core-js
> node -e "try(require('./postinstall'))catch(e){}"

npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@2.1.3 (node_modules\webpack\node_modules\fsevents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@2.1.3: wanted {"os":"darwin","arch":"any"} (current: {"os":"win32","arch":"x64"})
npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@1.2.13 (node_modules\fsevents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@1.2.13: wanted {"os":"darwin","arch":"any"} (current: {"os":"win32","arch":"x64"})

added 2192 packages from 1005 contributors and audited 2203 packages in 60.731s

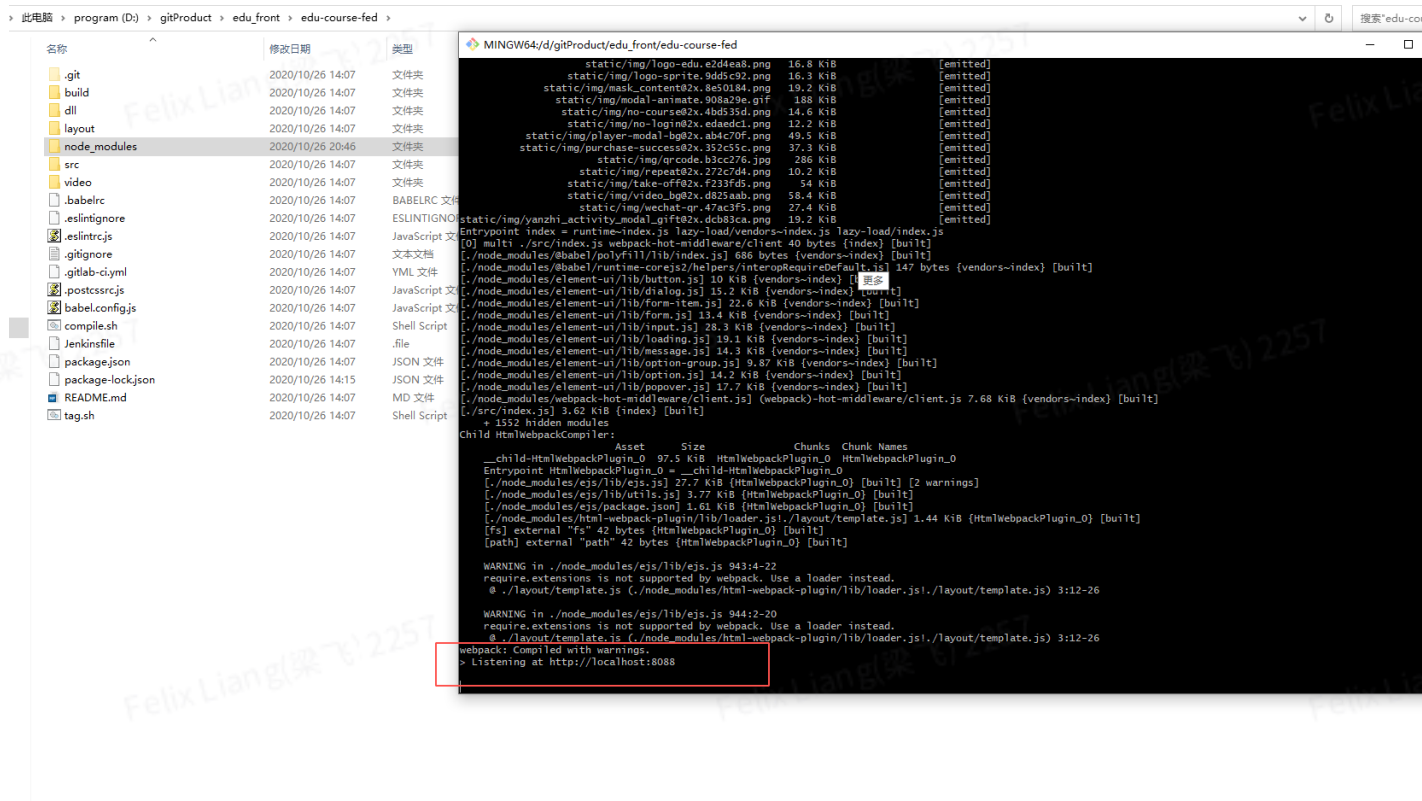
58 packages are looking for funding
  run `npm fund` for details

found 27 vulnerabilities (3 low, 15 moderate, 9 high)
  run `npm audit fix` to fix them, or `npm audit` for details

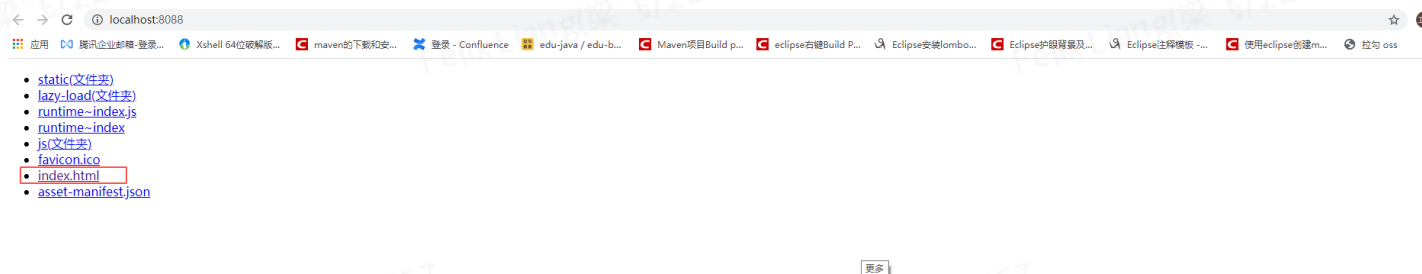
DN00665+Administrator@DN00665 MINGW64 /d/gitProduct/edu_front/edu-course-fed (master)
$
```

执行完以后，会多一个 node_modules 的目录，执行该操作主要是引入一些公共的依赖。

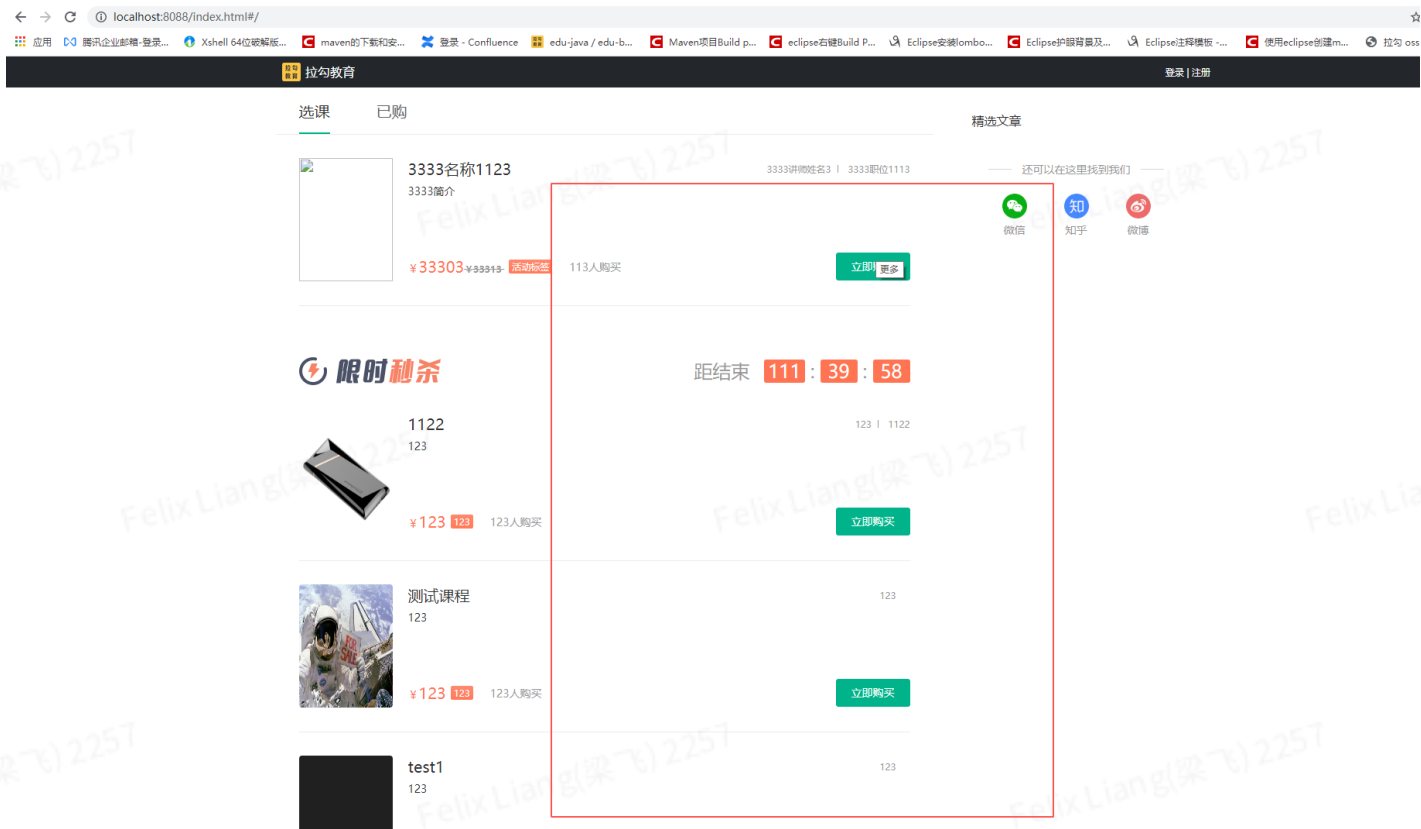
2.修改 build/config/index.js 文件



执行完以后，会在浏览器看到



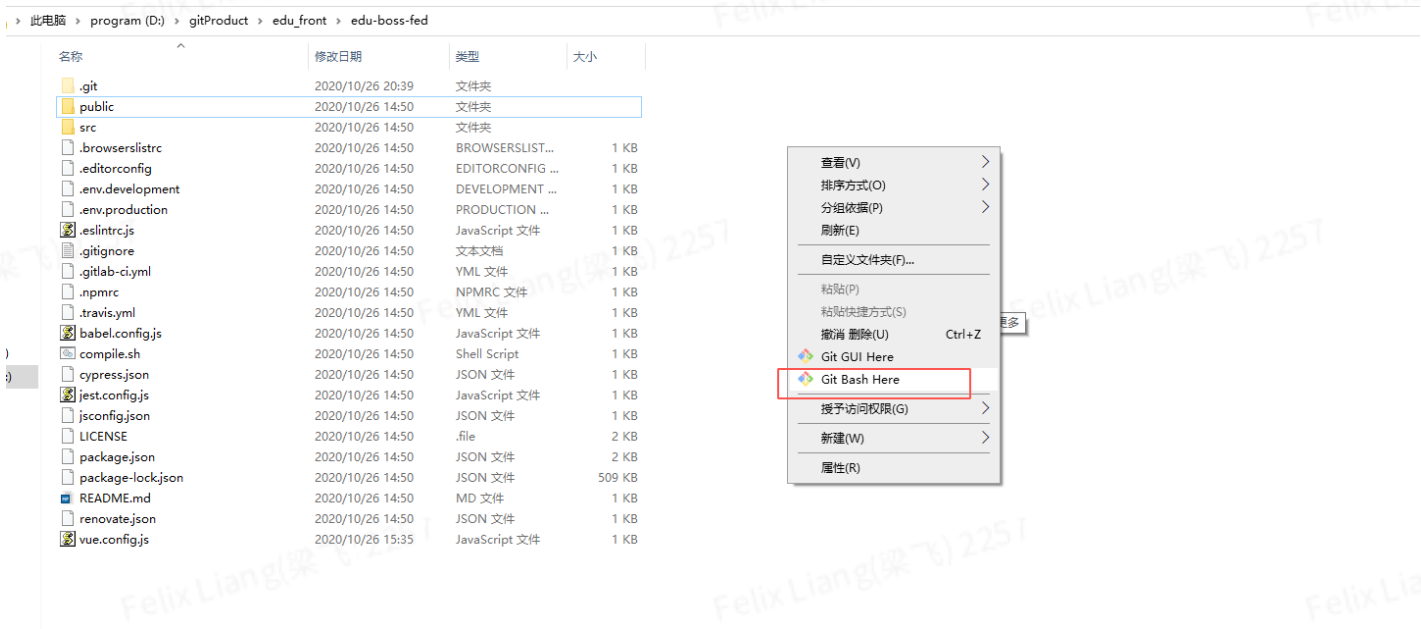
4.点击index.html



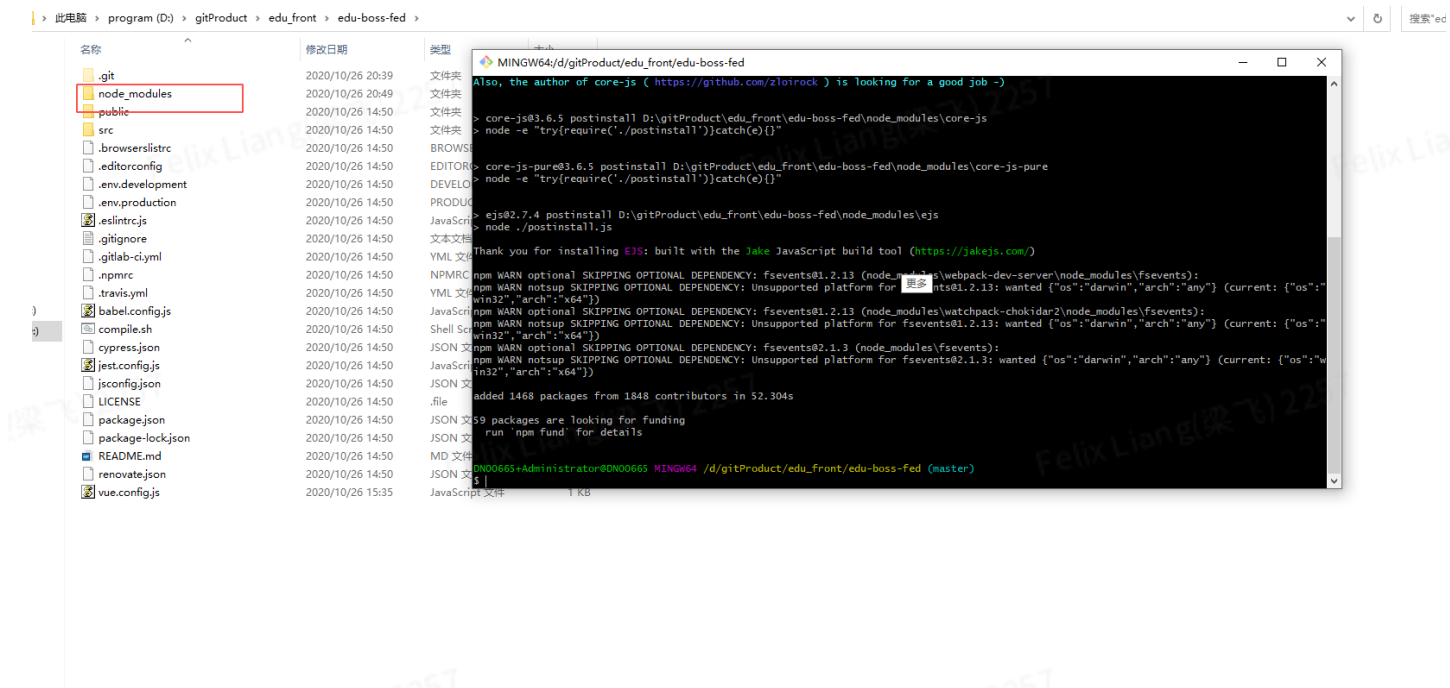
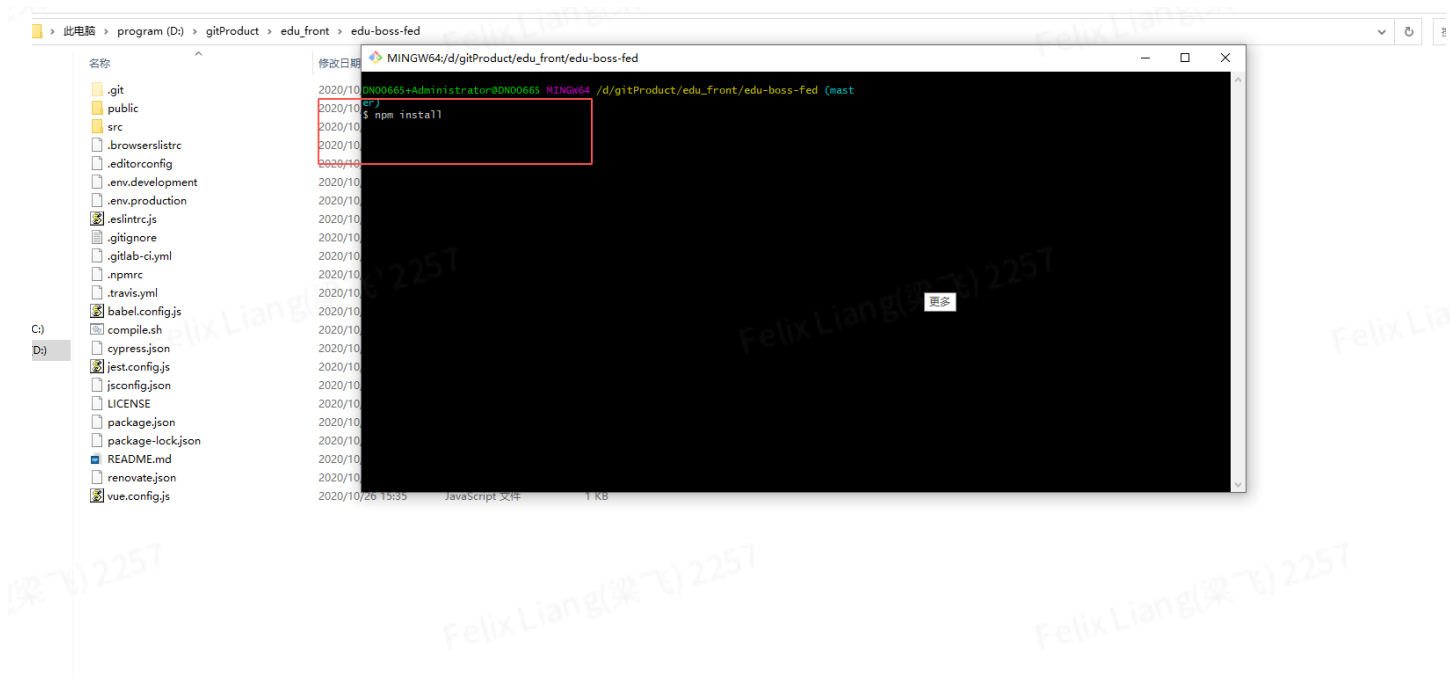
可以看到本地可以访问成功。

5.前端项目之edu-boss-fed本地部署

1. 进入到前端项目根目录，鼠标右键选择Git Bash



执行npm install命令



执行完以后，会多一个 `node_modules` 的目录，执行该操作主要是引入一些公共的依赖。

2.修改 vue.config.js


```

1 /**
2  * Override convention configuration
3  * https://cli.vuejs.org/config/
4  */
5
6 module.exports = {
7   publicPath: process.env.NODE_ENV === 'production' ? '/edu-boss-fed/' : '/',
8   indexPath: 'template/index.html',
9   assetsDir: 'assets',
10  lintOnSave: process.env.NODE_ENV !== 'production',
11  productionSourceMap: false,
12  devServer: {
13    proxy: {
14      '^/boss': {
15        target: 'http://127.0.0.1:8010',
16        pathRewrite: { '^/boss': '/' },
17        changeOrigin: true
18      },
19      '^/front': {
20        target: 'http://127.0.0.1:8081',
21        pathRewrite: { '^/front': '/' },
22        changeOrigin: true
23      }
24    }
25  }
26 }

```

修改标红的地方，分别为本地启动的java服务edu-boss-boot,edu-front-boot, pathRewrite里面分别改为boss跟front

执行npm run serve命令

The image shows a file explorer on the left with a list of files and folders in the 'edu-boss-fed' directory. The files include .git, node_modules, public, src, .browserslistrc, .editorconfig, .env.development, .env.production, .env.production, .eslintrc.js, .gitignore, .gitlab-ci.yml, .npmrc, .travis.yml, babel.config.js, compile.sh, cypress.json, jest.config.js, jsconfig.json, LICENSE, package.json, package-lock.json, README.md, renovate.json, and vue.config.js. The file explorer is open to the 'edu-boss-fed' directory.

On the right, a terminal window titled 'MINGW64/d/gitProduct/edu_front/edu-boss-fed' shows the output of the 'npm run serve' command. The output includes several warnings about optional dependencies and a message from the npm team. The terminal output is as follows:

```

> core-js@3.6.5 postinstall D:\gitProduct\edu_front\edu-boss-fed\node_modules\core-js
> node -e "try{require('./postinstall')}catch(e){}"

core-js-pure@3.6.5 postinstall D:\gitProduct\edu_front\edu-boss-fed\node_modules\core-js-pure
> node -e "try{require('./postinstall')}catch(e){}"

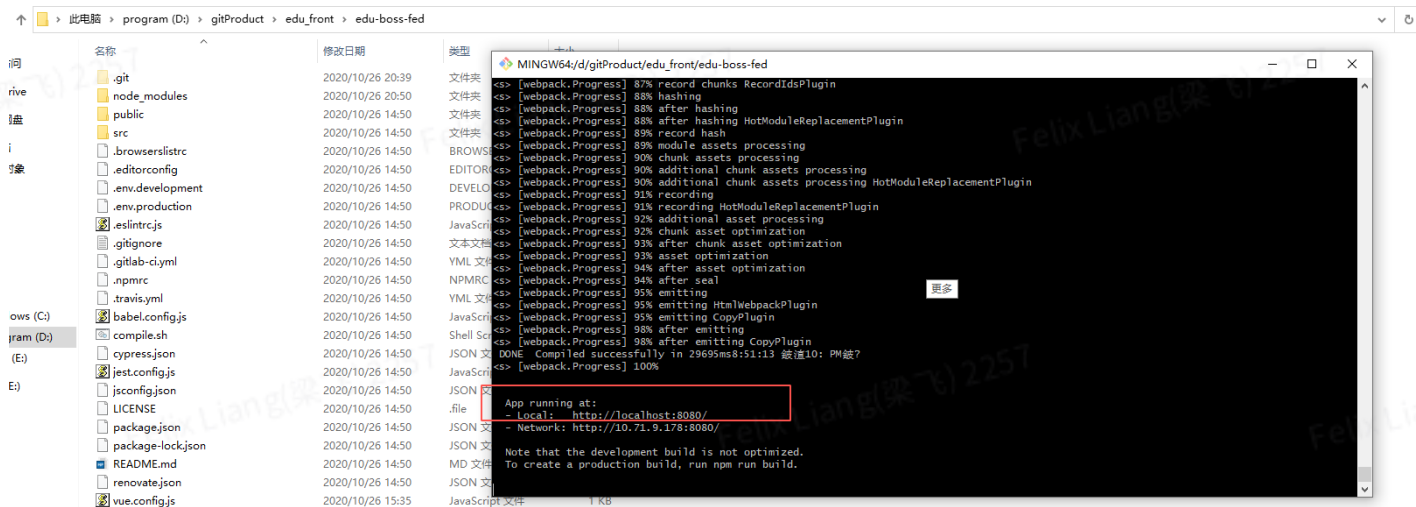
DEVELOP
> node ./postinstall.js

PRODUCTION
> node ./postinstall.js

JavaScript
Thank you for installing EJS: built with the Jake JavaScript build tool \(https://jakejs.com/\)

YAML 文件
npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@1.2.13 (node_modules\webpack-dev-server\node_modules\fsevents):
NPMRC npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@1.2.13: wanted {"os":"darwin","arch":"any"} (current: {"os":"
win32","arch":"x64"})
YAML 文件
npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@1.2.13 (node_modules\watchpack-chokidar2\node_modules\fsevents):
JavaScript npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@1.2.13: wanted {"os":"darwin","arch":"any"} (current: {"os":"
win32","arch":"x64"})
Shell Script
npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@2.1.3 (node_modules\fsevents):
JSON 文件 npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@2.1.3: wanted {"os":"darwin","arch":"any"} (current: {"os":"w
in32","arch":"x64"})
JavaScript
JSON 文件 added 1468 packages from 1848 contributors in 52.304s
file
69 packages are looking for funding
JSON 文件 run 'npm fund' for details
JSON 文件
MD 文件 000665+Administrator@000665 MINGW64 /d/gitProduct/edu_front/edu-boss-fed (master)
JSON 文件
$ npm run serve
JavaScript 文件

```

执行完后，浏览器 访问 <http://localhost:8080/>

