

web□□□□

- npm□□
- vue□□□□
- ffmpeg□□

npm 安装

安装

```
1. 设置环境变量
set NODE_HOME=E:\work\nodejs
set PATH=%PATH%;%NODE_HOME%\node_global;
//node_global 安装 npm
npm config set prefix "E:\work\nodejs\node_global"
//node_cache 安装 npm
npm config set cache "E:\work\nodejs\node_cache"
```

npm 使用

```
// 安装 npm
npm install --registry=http://registry.npmmirror.com

// 安装 express
npm install --registry=http://registry.npmmirror.com
// 安装 express
npm install express --registry=http://registry.npmmirror.com

// 安装 cnpm
npm install -g cnpm --registry=http://registry.npmmirror.com

// 安装 cnpm
cnpm -v

// 安装 express
cnpm install express

// 安装 cnpm
npm install -g cnpm
npm config set registry http://registry.npmmirror.com

// 安装 npm
npm config set registry https://registry.npmjs.org

// 安装 npm
npm config get registry
```

vue-cli

```
// 安装 Vue CLI
npm install -g @vue/cli

// 进入项目目录
cd /Users/work/VueWorkspace

// 创建新项目
vue create vuedemo1
```

vite

```
// 安装 vite
npm init vite
  vue3
  框架选择 = 语言选择 = 是否使用 ts-js =>
  选择
// 进入项目目录
npm install cnpm i
  安装
npm run dev
```

vite.config.js

```
export default defineConfig({
  server: {
    // 是否开启代理
    open: true,
    // 端口
    port: 8088
  },
  plugins: [vue()],
})
```

router

```
//安装
npm add vue-router -D

//安装
npm add vue-router -S
```

src

```
//index.js
import { createRouter,createWebHashHistory } from "vue-router";

//路由配置
const routes=[
  //首页
  {
    path:'/',
    redirect:'/index'
  },
  {
    path:'/index',
    name:'index',
    component:()=>import('../views/index/index.vue')
  }
]

//创建 router
const router=createRouter({
  history:createWebHashHistory(),
  routes
})

//导出
export default router
```

main.js

```
//main.js
import router from './router/index.js'

//创建
createApp(App).use(router).mount('#app')
```

vite.config.js

@

```
// @
import path from 'path'
// https://vitejs.dev/config/
export default defineConfig({
  server:{
    //
    open:true,
    //
    port:8088
  },
  resolve:{

    alias:{
      '@':path.resolve(__dirname,'src'),
    }
  },
  plugins: [vue()],
})
```


vue



```
//
```

```
"scripts": {  
  "serve": "vue-cli-service serve --open"  
},
```

```
//  element-plus= vue3  
npm i element-plus --save
```

```
//  vue-router  
npm install vue-router --save
```

```
//  
import ElementPlus from 'element-plus'  
import 'element-plus/dist/index.css'  
app.use(ElementPlus);
```

```
//  
import * as Ellcon from '@element-plus/icons-vue'  
//  
for (const [key, component] of Object.entries(Ellcon)) {  
  app.component(key, component);  
}
```

TO

```
this.$refs["dataForm"].validate((valid) => {  
  if (valid) {  
    let param = this.dataForm;  
    let date = param.date;
```

```

//日期
let dateString =
    date.getFullYear() +
    "-" +
    ("0" + (date.getMonth() + 1)).slice(-2) +
    "-" +
    ("0" + date.getDate()).slice(-2);
param.date = dateString;

let method = "/post/add";
if (this.modFlag) {
    //日期
    method = "/post/mod";
}
this.$axios.post(method, param).then((res) => {
    this.userData = res.data.userData;
    this.dialogFormVisible = false;
});
} else {
    console.log("error submit!!");
    return false;
}
});

```

rules tdo

```

rules: {
    name: [
        { required: true, message: "姓名不能为空", trigger: "blur" },
        {
            min: 3,
            max: 20,
            message: "姓名长度必须在3到20之间",
            trigger: "blur",
        },
    ],
    tag: [{ required: true, message: "标签不能为空", trigger: "change" }],
    date: [
        {
            required: true,

```



```
type: "date",
message: "日期格式不正确",
trigger: "change",
},
],
address: [{ required: true, message: "地址不能为空", trigger: "blur" }],
},
```

ffmpeg



```
ffmpeg -i cm.png -vf "colorkey=white:0.01:0.1,format=rgba" out.png
```