



vue-nuxt

- [npm](#)
- [vue](#)
- [ffmpeg](#)
- [nuxt](#)
-

npm



```
set NODE_HOME E:\work\nodejs
set PATH ;%NODE_HOME%;%NODE_HOME%\node_global;
//node_global npm
npm config set prefix "E:\work\nodejs\node_global"
//node_cache npm
npm config set cache "E:\work\nodejs\node_cache"
```

npm

```
// 
npm install --registry=http://registry.npmmirror.com
// 
npm install --registry=http://registry.npmmirror.com
// express 
npm install express --registry=http://registry.npmmirror.com
// cnpm npm
npm install -g cnpm --registry=http://registry.npmmirror.com
// cnpm 
cnpm -v
// cnpm express 
cnpm install express
// npm cnpm 
npm config set registry http://registry.npmmirror.com
// npm 
npm config set registry https://registry.npmjs.org
// npm 
npm config get registry
```

vue-cli

```
// Vue
npm install -g @vue/cli
//
cd /Users/work/VueWorkspace
// Vue
vue create vuedemo1
```

vite

```
vite
npm init vite
vue3
= = ts-js=>
//cd
npm install cnpm i
npm run dev
```

vite.config.js

```
export default defineConfig({
  server: {
    //
    open: true,
    //
    port: 8088
  },
  plugins: [vue()],
})
```

router

```
//[]  
npm add vue-router -D  
  
//[]  
npm add vue-router -S
```

src[]

```
//[]  
import { createRouter,createWebHashHistory } from "vue-router";  
  
//[]  
const routes=[  
  
//[]  
  {  
    path:'/',  
    redirect:'/index'  
  },  
  {  
    path:'/index',  
    name:'index',  
    component:()=>import('../views/index/index.vue')  
  }  
]  
  
//[] router[]  
const router=createRouter({  
  history:createWebHashHistory(),  
  routes  
})  
  
//[]  
export default router
```

main.js[]

```
//[]  
import router from './router/index.js'  
  
//[]  
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: "□□□□ ",
trigger: "change",
},
],
address: [{ required: true, message: "□□□□ ", trigger: "blur" }],
},
```

ffmpeg



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

nuxt

1. 创建项目

```
mkdir lingyanweb
cd lingyanweb
npm init -y
npm install nuxt@latest
mkdir pages public
```

2. 创建 nuxt.config.ts

```
// nuxt.config.ts
export default defineNuxtConfig({
  devtools: { enabled: true },
  ssr: true, // 服务端渲染 SEO 友好
})
```

3. 创建 app.vue

```
<!-- app.vue -->
<template>
  <div>
    <h1>欢迎来到 Nuxt 3 世界 </h1>
    <NuxtPage />
  </div>
</template>
```

4. 创建 pages/index.vue

```
<!-- pages/index.vue -->
<template>
  <div>
    <h2>欢迎来到 Nuxt 3</h2>
    <p>这是一个 Nuxt 3 项目</p>
  </div>
</template>
```

```

<script setup>
useHead({
  title: '📄 - 📄 SEO 📄📄📄📄📄📄',
  meta: [
    { name: 'description', content: '📄 Nuxt 3 📄📄📄📄📄📄📄📄📄📄📄 Vue SPA 📄 SEO 📄📄📄 ' }
  ]
})
</script>

```

5. 📄 package.json

```

{
  "scripts": {
    "dev": "nuxt dev",
    "build": "nuxt build",
    "generate": "nuxt generate",
    "preview": "nuxt preview"
  }
}

```

6. 📄📄📄📄

```
npm run dev
```



```

"dependencies": {
  "@fortawesome/fontawesome-free": "^7.1.0",
  "@microsoft/signalr": "^9.0.6",
  "@vue/devtools-api": "^8.0.3",
  "axios": "^1.13.0",
  "element-plus": "^2.11.5",
  "jsencrypt": "^3.5.4",
  "pinia": "^3.0.3",
  "qrcode": "^1.5.4"
},
"devDependencies": {

```

```
"@element-plus/nuxt": "^1.1.4",
"@pinia/nuxt": "^0.11.2",
"@types/qrcode": "^1.5.6",
"nuxt": "^4.2.0",
"vite-plugin-compression": "^0.5.1"
}
```

📄 nuxt.config.ts 📄

```
// nuxt.config.ts
import viteCompression from 'vite-plugin-compression'
export default defineNuxtConfig({
  devtools: { enabled: true },
  ssr: true,
  vite: {
    plugins: [
      viteCompression({ algorithm: 'gzip' }),
      viteCompression({ algorithm: 'brotliCompress', ext: '.br' })
    ]
  },
  modules: [
    '@pinia/nuxt',
    '@element-plus/nuxt'
  ],
  css: [
    'element-plus/dist/index.css',
    'highlight.js/styles/VS.css',
    'typeface-roboto',
    '@fortawesome/fontawesome-free/css/all.min.css',
  ],
  build: {
    transpile: ['element-plus']
  },
}
```

windows 📄 power shell 📄📄📄📄

```
Remove-Item -Recurse -Force node_modules, package-lock.json
```

object.assign() obj={...row}

```
// ref
const memberData = ref({ name: '' });
//
memberData.value = { ...row };

// ref
memberData = { ...row }; //

// reactive
const memberData = reactive({ name: '' });
//
Object.assign(memberData, row);

// reactive
memberData = { ...row }; //
```



netstat -ano | findstr :3000

tasklist | findstr 12345