

nuxt

1. 创建项目

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

2. 配置 nuxt.config.ts

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

3. 编写 app.vue

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

4. 编写 pages/index.vue

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

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 }; //
```

#6

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