

vscode插件和antd基础配置

vscode插件和antd基础配置

资源

知识点

环境准备

使用第三方组件

配置按需加载

使用less

自定义主题

参考package.json















资源

1. [create-react-app](#)
2. [ant design](#)

知识点

环境准备

vscode所需插件：

| | | |
|---|---|----------------|
|  | Ant Design Snippets 1.2.0 | 🔗 18K ★ 5 |
| | Ant-Design Snippets for VS Code | bang |
|  | Auto Close Tag 0.5.6 | 🔗 3.7M ★ 4.5 |
| | Automatically add HTML/XML close tag, same a... | Jun Han |
|  | Auto Complete Tag 0.1.0 | 🔗 290K ★ 4 |
| | Extension Packs to add close tag and rename pa... | Jun Han |
|  | Auto Import 1.5.3 | 🔗 1M ★ 4.5 |
| | Automatically finds, parses and provides code a... | steoates |
|  | Auto Rename Tag 0.1.1 | 🔗 4M ★ 3 |
| | Auto rename paired HTML/XML tag | Jun Han |
|  | Beautify css/sass/scss/less 2.3.3 | 🔗 1.1M ★ 4 |
| | Beautify css, sass and less code (extension for V... | michelemelluso |
|  | Better Comments 2.0.5 | 🔗 1.2M ★ 5 |
| | Improve your code commenting by annotating w... | Aaron Bond |
|  | ESLint 1.9.1 | 🔗 32.7M ★ 4.5 |
| | Integrates ESLint JavaScript into VS Code. | Dirk Baeumer |
|  | HTML Format 0.0.3 | 🔗 134K ★ 3.5 |
| | Format HTML documents. | Mohamed Akram |
|  | open in browser 2.0.0 | 🔗 1.7M ★ 3.5 |
| | This allows you to open the current file in your d... | TechER |
|  | Prettier - Code formatter 3.20.0 | 🔗 28.7M ★ 4 |
| | Code formatter using prettier | Esben Petersen |
|  | React-Native/React/Redux s... 2.0.3 | 🔗 946K ★ 5 |
| | Code snippets for React-Native/React/Redux es... | EQuimper |
|  | React/Redux/react-router Sn... 0.4.29 | 🔗 121K ★ 5 |
| | React Ecosystem code snippets all in one | discountry |
|  | Simple React Snippets 1.2.2 | 🔗 455K ★ 5 |
| | Dead simple React snippets you will actually use | Burke Holland |

自定义snippet参

考: <https://github.com/bubucuo/ReactArticles/blob/master/react%E9%9C%80%E8%A6%81%E7%9A%84vscode%E6%8F%92%E4%BB%B6.md>

使用第三方组件

安装： `yarn add antd`

范例：试用 ant-design 组件库

```
import React, { Component } from 'react'
import Button from 'antd/es/button'
import "antd/dist/antd.css"

class App extends Component {
  render() {
    return (
      <div className="App">
        <Button type="primary">Button</Button>
      </div>
    )
  }
}

export default App
```

配置按需加载

这个例子在实际开发中还有一些优化的空间，比如无法进行主题配置，而且上面的例子加载了全部的 antd 组件的样式（gzipped 后一共大约 60kb）。

此时我们需要对 create-react-app 的默认配置进行自定义，这里我们使用 [react-app-rewired](#)（一个对 create-react-app 进行自定义配置的社区解决方案）。

引入 react-app-rewired 并修改 package.json 里的启动配置。由于新的 [react-app-rewired@2.x](#) 版本的关系，你还需要安装 [customize-cra](#)。

[babel-plugin-import](#) 是一个用于按需加载组件代码和样式的 babel 插件（[原理](#)）。

```
yarn add react-app-rewired customize-cra babel-plugin-import
```

```
//根目录创建config-overrides.js，修改默认配置
const { override, fixBabelImports } =
  require("customize-cra");

module.exports = override(
  fixBabelImports("import", { //antd按需加载
    libraryName: "antd",
    libraryDirectory: "es",
    style: "css"
  })
);
```

//修改package.json

```
"scripts": {
  "start": "react-app-rewired start",
  "build": "react-app-rewired build",
  "test": "react-app-rewired test",
  "eject": "react-app-rewired eject"
},
```

```
import React, { Component } from 'react'
import { Button } from 'antd'

class App extends Component {
  render() {
    return (
      <div className="App">
        <Button type="primary">Button</Button>
      </div>
    )
  }
}

export default App
```

使用less

```
yarn add less less-loader
```

自定义主题

按照 [配置主题](#) 的要求，自定义主题需要用到 less 变量覆盖功能。我们可以引入 `customize-cra` 中提供的 less 相关的函数 [addLessLoader](#) 来帮助加载 less 样式，同时修改 `config-overrides.js` 文件如下。

```
const {override, fixBabelImports, addLessLoader} =
require("customize-cra");

module.exports = override(
  fixBabelImports("import", {
    // antd按需加载
    libraryName: "antd",
    libraryDirectory: "es",
    style: true
  }),
  addLessLoader({
    javascriptEnabled: true,
    modifyVars: {"@primary-color": "red"}
  })
);
```

修改后重启 `yarn start`，如果看到一个红色的按钮就说明配置成功了。

参考package.json

```
{
  "name": "my-app",
  "version": "0.1.0",
  "private": true,
  "dependencies": {
```

```
"@testing-library/jest-dom": "^4.2.4",
"@testing-library/react": "^9.3.2",
"@testing-library/user-event": "^7.1.2",
"add": "^2.0.6",
"antd": "^4.1.3",
"babel-plugin-import": "^1.13.0",
"customize-cra": "^0.9.1",
"less": "^3.11.1",
"less-loader": "^5.0.0",
"react": "^16.13.1",
"react-app-rewired": "^2.1.6",
"react-dom": "^16.13.1",
"react-scripts": "3.4.1",
"yarn": "^1.22.4"
},
"scripts": {
  "start": "react-app-rewired start",
  "build": "react-app-rewired build",
  "test": "react-app-rewired test",
  "eject": "react-app-rewired eject"
},
"eslintConfig": {
  "extends": "react-app"
},
"browserslist": {
  "production": [
    ">0.2%",
    "not dead",
    "not op_mini all"
  ],
  "development": [
    "last 1 chrome version",
    "last 1 firefox version",
```

```
    "last 1 safari version"  
  ]  
}  
}
```