

vscode插件和antd基础配置

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参考package.json

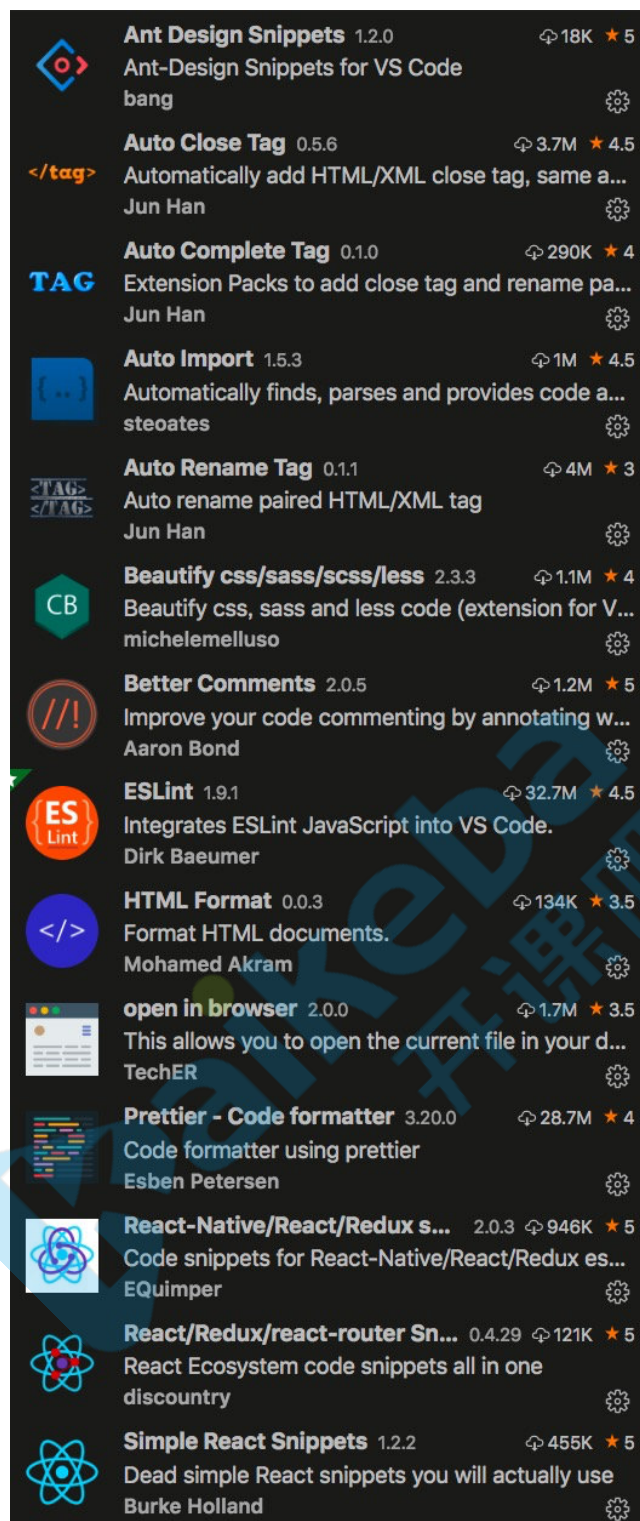
资源

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

知识点

环境准备

vscode所需插件：



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"
    ]
  }
}
```

```
]
}
}
```

