# vscode插件和antd基础配置

#### vscode插件和antd基础配置

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参考package.json

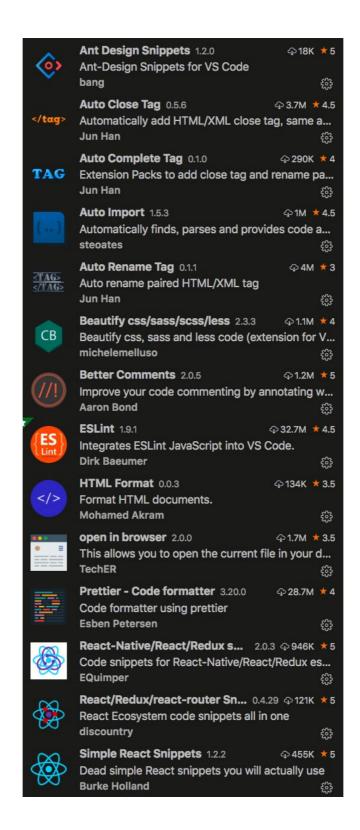
# 资源

- 1. <u>create-react-app</u>
- 2. ant design

# 知识点

#### 环境准备

vscode所需插件:



#### 自定义snippet参

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

#### 使用第三方组件

安装: yarn add antd

范例: 试用 ant-design组件库

### 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 <u>react-app-rewired</u> (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 <u>react-app-rewired@2.x</u> 版本的关系,你还需要安装 customize-cra。

<u>babel-plugin-import</u> 是一个用于按需加载组件代码和样式的 babel 插件(<u>原理</u>)。

yarn add react-app-rewired customize-cra babel-pluginimport

```
//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"
},
```

#### 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 configoverrides.js 文件如下。

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"

]
}
```