# Package.json介绍

## 介绍

每个项目的根目录下面，一般都有一个**package.json**文件，定义了这个项目所需要的各种模块，以及项目的配置信息（比如名称、版本、许可证等元数据）。**npm install**命令根据这个配置文件，自动下载所需的模块，也就是配置项目所需的运行和开发环境。

## 项目名称和项目版本

{

"name": "myapp", --版本名称

"version": "0.1.0", 版本号

"private": true

}

## 完整的文件如下

{

"name": "myapp",

"version": "0.1.0",

"private": true,

"dependencies": {

"antd": "^3.16.2",

"babel-preset-react": "^6.24.1",

"babel-preset-stage-3": "^6.24.1",

"extract-text-webpack-plugin": "^3.0.2",

"loglevel": "^1.6.1",

"quickly-copy-file": "^1.0.0",

"react": "^16.8.6",

"react-dom": "^16.8.6",

"react-hot-loader": "^4.8.3",

"react-redux": "^7.0.2",

"react-router-dom": "^5.0.0",

"react-router-redux": "^4.0.8",

"redux": "^4.0.1",

"redux-thunk": "^2.3.0",

"uglifyjs-webpack-plugin": "^2.1.2",

"webpack": "^4.30.0",

"webpack-dev-server": "^3.3.1",

"webpack-md5-hash": "0.0.6"

},

" scripts ": {

"build": "webpack --config ./config/webpack.config.js",

"start": "webpack-dev-server --config ./config/webpack.config.js"

},

"eslintConfig": {

"extends": "react-app"

},

"browserslist": [

">0.2%",

"not dead",

"not ie <= 11",

"not op\_mini all"

],

"devDependencies": {

"@babel/core": "^7.4.3",

"@babel/preset-env": "^7.4.3",

"babel-core": "^6.26.3",

"babel-loader": "^7.1.5",

"babel-preset-env": "^1.7.0",

"babel-preset-es2015": "^6.24.1",

"css-loader": "^2.1.1",

"html-webpack-plugin": "^3.2.0",

"react-tools": "^0.13.3",

"react-transform": "0.0.3",

"style-loader": "^0.23.1",

"webpack-cli": "^3.3.0"

}

}

## Scripts字段

scripts指定了运行脚本命令的npm命令行缩写

"scripts": {

"build": "webpack --config ./config/webpack.config.js",

"start": "webpack-dev-server --config ./config/webpack.config.js"

}

## dependencies字段，devDependencies字段

dependencies字段指定了项目运行所依赖的模块，devDependencies指定项目开发所需要的模块

"devDependencies": {

"@babel/core": "^7.4.3",

"@babel/preset-env": "^7.4.3",

"babel-core": "^6.26.3",

"babel-loader": "^7.1.5",

"babel-preset-env": "^1.7.0",

"babel-preset-es2015": "^6.24.1",

"css-loader": "^2.1.1",

"html-webpack-plugin": "^3.2.0",

"react-tools": "^0.13.3",

"react-transform": "0.0.3",

"style-loader": "^0.23.1",

"webpack-cli": "^3.3.0"

},

"dependencies": {

"antd": "^3.16.2",

"babel-preset-react": "^6.24.1",

"babel-preset-stage-3": "^6.24.1",

"extract-text-webpack-plugin": "^3.0.2",

"loglevel": "^1.6.1",

"quickly-copy-file": "^1.0.0",

"react": "^16.8.6",

"react-dom": "^16.8.6",

"react-hot-loader": "^4.8.3",

"react-redux": "^7.0.2",

"react-router-dom": "^5.0.0",

"react-router-redux": "^4.0.8",

"redux": "^4.0.1",

"redux-thunk": "^2.3.0",

"uglifyjs-webpack-plugin": "^2.1.2",

"webpack": "^4.30.0",

"webpack-dev-server": "^3.3.1",

"webpack-md5-hash": "0.0.6"

}