```json
{
  "name": "vue-project",
  "version": "1.0.0",
  "description": "A Vue.js project",
  "author": "ammy <ammy0620@aliyun.com>",
  "private": true,
  "scripts": {
    "dev": "webpack-dev-server --inline --progress --config build/webpack.dev.conf.js",
    "start": "npm run dev",
    "unit": "jest --config test/unit/jest.conf.js --coverage",
    "e2e": "node test/e2e/runner.js",
    "test": "npm run unit && npm run e2e",
    "lint": "eslint --ext .js,.vue src test/unit test/e2e/specs",
    "build": "node build/build.js"
  },
  "dependencies": {
    "vue": "^2.5.2",
    "vue-router": "^3.0.1"
  },
  "devDependencies": {
    "autoprefixer": "^7.1.2",
    "babel-core": "^6.22.1",
    "babel-eslint": "^8.2.1",
    "babel-helper-vue-jsx-merge-props": "^2.0.3",
    "babel-jest": "^21.0.2",
```

1. 使用scripts字段进行定义脚本命令。

```
Ammy@AmmyComputer MINGW64 /f/2018/project/vueProject
$ npm run
Lifecycle scripts included in vue-project:
  start
    npm run dev
  test
    npm run unit && npm run e2e

available via `npm run-script`:
  dev
    webpack-dev-server --inline --progress --config build/webpack.dev.conf.js
  unit
    jest --config test/unit/jest.conf.js --coverage
  e2e
    node test/e2e/runner.js
  lint
    eslint --ext .js,.vue src test/unit test/e2e/specs
  build
    node build/build.js
```

在package.json文件的scripts字段，scripts字段是一个对象，它的每一个属性，对应一段脚本。比如，build字段是一个build命令，而build命令代表执行nonde build/build.js。

> $ npm run build
>
> # 等同于执行
>
> $ node build/build.js

查看当前项目的所有npm脚本命令，可以使用不带参数的 npm run 命令进行列举查看

更多原理访问https://blog.csdn.net/watersprite_ct/article/details/78622071

dependencies 是运行时依赖（生产环境）　　npm install --save **(package name)

devDependencies 是开发时的依赖（开发环境）　npm install --save-dev **(package name)