



# 构建性能： 构建效率分析工具

- 内置工具 profile 选项
- 官方可视化工具 <https://webpack.github.io/analyse/>
- SpeedMeasurePlugin – 每个 Plugin、Loader 的耗时

## 内置分析工具

webpack.config.js

```
{  
  profile: true  
}
```

JavaScript

```

runtime modules 30.5 KiB 15 modules
orphan modules 246 bytes [orphan] 8 modules
javascript modules 1.33 MiB
modules by path ./src/ 124 KiB 78 modules
modules by path ../../node_modules/.pnpm/ 1.21 MiB 55 modules
asset modules 168 bytes (javascript) 1.59 MiB (asset)
./src/assets/login/bg.png 42 bytes (javascript) 1.21 MiB (asset) [built] [
e generated]
837 ms -> 48 ms -> 128 ms -> 3 ms -> 5 ms -> 1532 ms ->
7 ms (resolving: 3 ms, restoring: 0 ms, integration: 0 ms, building: 4 m
storing: 0 ms)
./src/assets/login/ranshu.png 42 bytes (javascript) 20.4 KiB (asset) [buil
[code generated]
837 ms -> 48 ms -> 131 ms -> 3 ms -> 509 ms -> 33 ms -> 0 ms -> 42 ms ->
653 ms (resolving: 631 ms, restoring: 0 ms, integration: 0 ms, building:
ms, storing: 0 ms, additional resolving: 9 ms)
./src/assets/login/cunzhang.png 42 bytes (javascript) 80.9 KiB (asset) [bu
] [code generated]
837 ms -> 48 ms -> 131 ms -> 3 ms -> 509 ms -> 33 ms -> 0 ms -> 42 ms ->
653 ms (resolving: 631 ms, restoring: 0 ms, integration: 0 ms, building:

```

导出文件

package.json

```

"scripts": {
  "build:report": "webpack --config ./webpack.config.js --json=stats.json
},

```

JSON

## 官方可视化工具

webpack.github.io

 <https://webpack.github.io/analyse/>

Speed-measure-webpack-plugin

Bash

```
pnpm i -D speed-measure-webpack-plugin
```

## SpeedMeasure.js

JavaScript

```
const SpeedMeasurePlugin = require("speed-measure-webpack-plugin");

const smp = new SpeedMeasurePlugin();

const config = {
  entry: "./src/index.ts",
  // ...
};

// 注意，这里是用 `smp.wrap` 函数包裹住 Webpack 配置
module.exports = smp.wrap(config);
```