Plugin

Webpack编译过程 compilation process

插件能够购入（hook）到每一个编译compilation中触发的所有关键事件

在编译的每一步，插件都具备完全访问compiler对象的能力

# 钩子

entryOption：在entry配置项处理过之后，执行插件

afterPlugins：设置完初始插件之后，执行插件

afterResolvers：resolver安装完成之后，执行插件

environment：environment准备好之后，执行插件

afterEnvironment： environment安装完成之后，执行插件

beforeRun：compiler.run执行之前，添加一个钩子

run：开始读取records之前，钩入compiler

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| SMP  ⏱ |
| General output time took 1 min, 0.868 secs |
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| SMP  ⏱  Plugins |
| HtmlWebpackPlugin took 6.71 secs |
| VueLoaderPlugin took 3.89 secs |
| HotModuleReplacementPlugin took 3.74 secs |
| HappyPlugin took 1.9 secs |
| DllReferencePlugin took 0.302 secs |
| NamedModulesPlugin took 0.09 secs |
| ProvidePlugin took 0.004 secs |
| DefinePlugin took 0.003 secs |
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| SMP  ⏱  Loaders |
| modules with no loaders took 40.4 secs |
| module count = 190 |
| vue-loader, and |
| happypack, and |
| vue-loader took 11.3 secs |
| module count = 14 |
| vue-loader took 6.45 secs |
| module count = 21 |
| happypack took 6.36 secs |
| module count = 5 |
| css-loader, and |
| postcss-loader took 5.054 secs |
| module count = 3 |
| svg-sprite-loader, and |
| svgo-loader took 4.72 secs |
| module count = 1 |
| url-loader took 0.842 secs |
| module count = 2 |
| html-webpack-plugin took 0.612 secs |
| module count = 1 |
| css-loader, and |
| vue-loader, and |
| postcss-loader, and |
| vue-loader took 0.04 secs |
| module count = 6 |
| vue-loader, and |
| vue-style-loader, and |
| css-loader, and |
| postcss-loader, and |
| vue-loader took 0.022 secs |
| module count = 12 |
| vue-style-loader, and |
| css-loader, and |
| postcss-loader took 0.015 secs |
| module count = 3 |
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HtmlWebpackPlugin took 6.71 secs

"html-webpack-plugin": "^3.2.0",