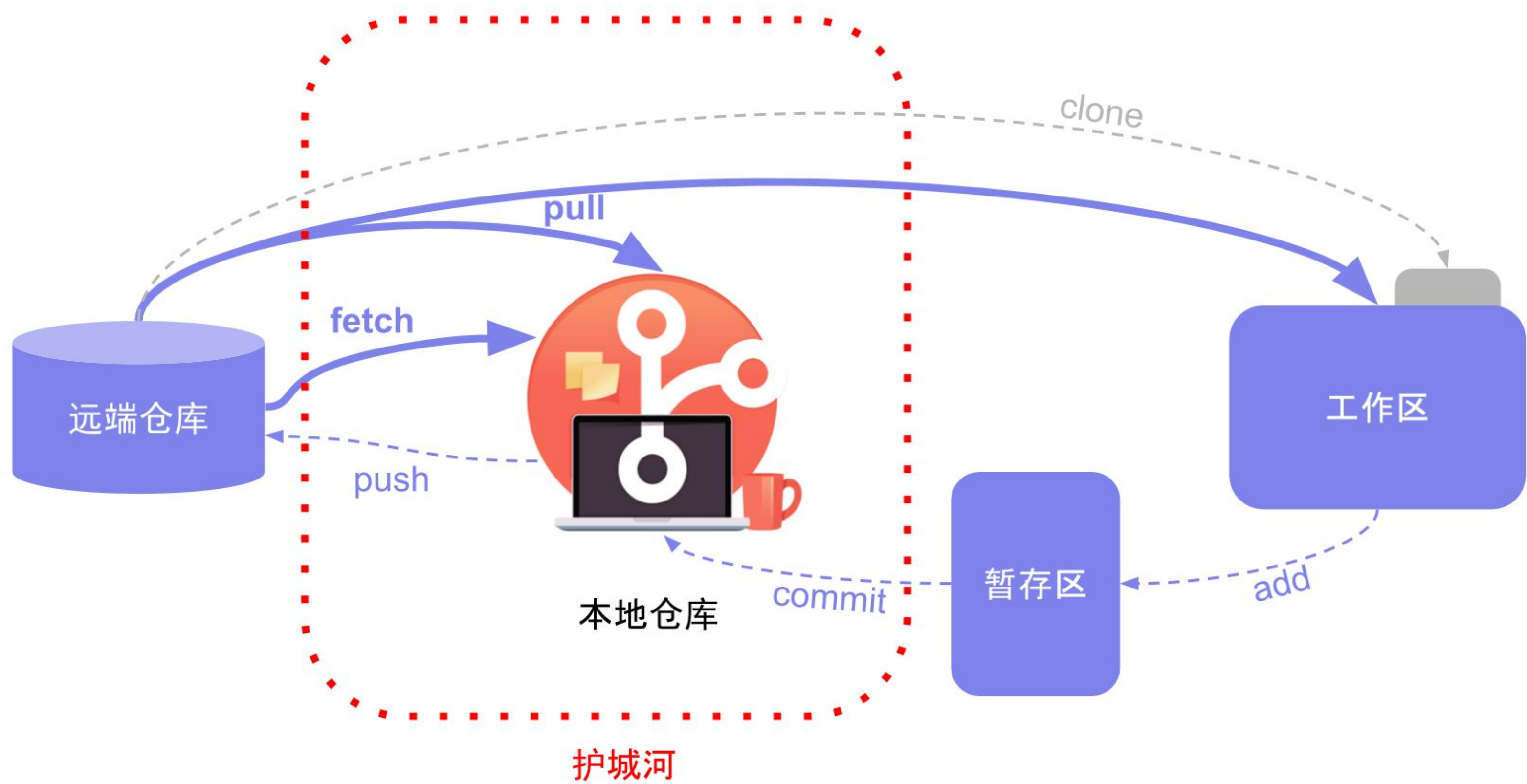


前端科普系列——

ESLint: 守住优雅的护城河

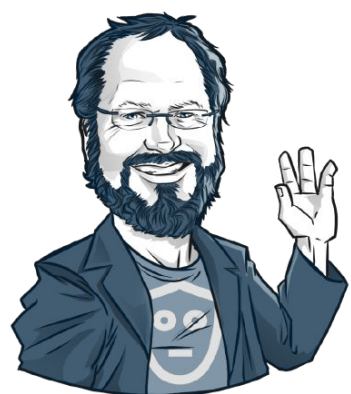




What`s ESLint ?

Find and fix problems in your
JavaScript code

开山鼻祖 JSLint



Douglas Crockford

Douglas Crockford 是一名来自 Yahoo! 的资深 JavaScript 架构师，以创造和维护 JSON 格式而为大家所熟知。他定期在各类会议上发表有关高级 JavaScript 的主题演讲。他也是 ECMAScript 委员会的成员之一。

JSLint[™]

The [JavaScript](#) Code Quality Tool

Edition 2012-04-15

[Read the instructions.](#) [Set the options.](#) [Enjoy *The Good Parts*.](#)

JSLint

Syntax Tree

clear

Paste your program into the text box above and click a

JSLint

 button.

Warning! JSLint will hurt your feelings.

继往开来 JSHint



Upgrade



Mirror

Anton Kovalyov



2011 年 12 月 20 日, Anton Kovalyov 发表了一篇标志性的文章:[Why I forked JSLint to JSHint](#), 指出了 JSLint 存在的几个主要问题:

- 令人不安地固执己见, 没有提供一些规则的配置
- 对社区反馈不关注

Why I forked JSLint to JSHint



Anton Kovalyov [Follow](#)
Sep 12, 2014 · 2 min read

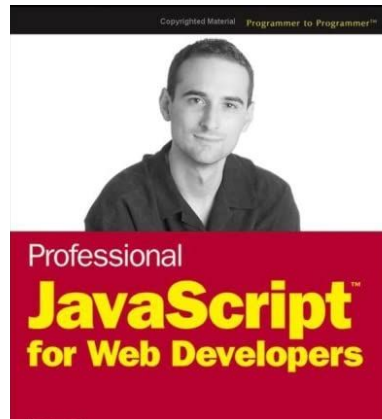


This post was originally published on February 20th, 2011 on my personal blog.

Your sadly pathetic bleatings are harshing my mellow. — [Douglas Crockford](#)

This Friday we released [JSHint](#), a code quality tool designed to detect errors and potential problems in JavaScript code and to enforce your team's coding conventions.

重新出发 ESLint



Nicholas C. Zakas

Nicholas C. Zakas 于 2013 年 6 月创建了 ESLint, ESLint 将源代码解析成 AST, 然后检测 AST 来判断代码是否符合规则, 为 ESLint 的高可扩展性奠定了结实的基础。ESLint 保持内核足够简单, 只有 100 行代码, 规则的实现完全和内核分离。



How to use ESLint ?

Shell

```
// 新建demo工程目录, 初始化 npm 项目
npm init -y
// 安装 eslint      推荐安装为项目的开发依赖
npm i -D eslint
// 初始化 eslint 配置文件      如果安装到全局的, 可以直接使用 eslint --init
./node_modules/.bin/eslint --init
```


.eslintrc.js

```
module.exports = {  
  env: {  
    es2020: true,  
    node: true  
  },  
  extends: [  
    'standard'  
  ],  
  parserOptions: {  
    ecmaVersion: 11,  
    sourceType: 'module'  
  },  
  rules: {  
  
  }  
}
```

morrain@mac ~/Documents/front-end/eslint/demo master npm run eslint

```
> eslint-demo@1.0.0 eslint /Users/.../Documents/front-end/eslint/demo
> eslint src/**
```

```
/Users/.../Documents/front-end/eslint/demo/src/index.js
  1:5   error  'a' is never reassigned. Use 'const' instead  prefer-const
  1:11  error  Extra semicolon                               semi
  2:5   error  'b' is assigned a value but never used        no-unused-vars
  2:5   error  'b' is never reassigned. Use 'const' instead  prefer-const
  2:11  error  Extra semicolon                               semi
  3:5   error  'sum' is never reassigned. Use 'const' instead prefer-const
  3:15  error  'd' is not defined                            no-undef
  3:16  error  Extra semicolon                               semi
  4:17  error  Extra semicolon                               semi
```

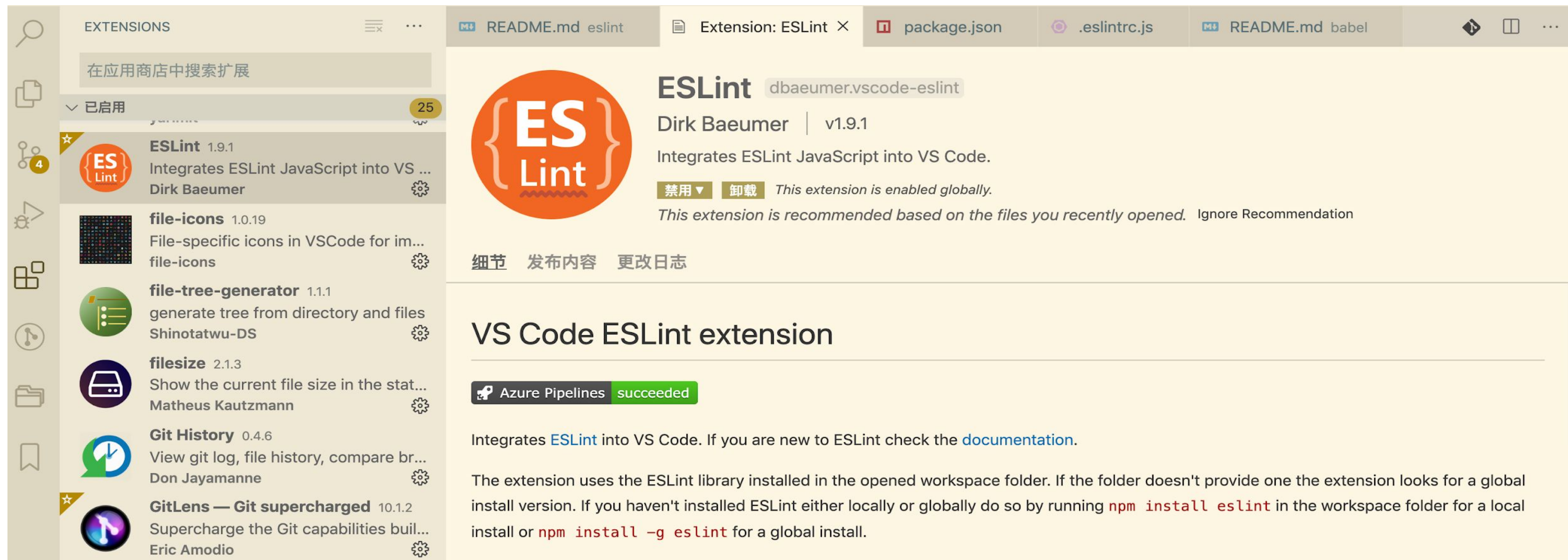
✖ 9 problems (9 errors, 0 warnings)
7 errors and 0 warnings potentially fixable with the `--fix` option.

```
npm ERR! code ELIFECYCLE
npm ERR! errno 1
npm ERR! eslint-demo@1.0.0 eslint: `eslint src/**`
npm ERR! Exit status 1
npm ERR!
npm ERR! Failed at the eslint-demo@1.0.0 eslint script.
npm ERR! This is probably not a problem with npm. There is likely additional logging output above.
```

```
npm ERR! A complete log of this run can be found in:
npm ERR!     /Users/.../.npm/_logs/2020-08-11T03_55_38_774Z-debug.log
```

✖ morrain@mac ~/Documents/front-end/eslint/demo master

享受开发时的乐趣



EXTENSIONS

在应用商店中搜索扩展

已启用 25

ESLint 1.9.1
Integrates ESLint JavaScript into VS ...
Dirk Baeumer

file-icons 1.0.19
File-specific icons in VSCode for im...
file-icons

file-tree-generator 1.1.1
generate tree from directory and files
Shinotatwu-DS

filesize 2.1.3
Show the current file size in the stat...
Matheus Kautzmann

Git History 0.4.6
View git log, file history, compare br...
Don Jayamanne

GitLens — Git supercharged 10.1.2
Supercharge the Git capabilities buil...
Eric Amodio

ESLint dbaeumer.vscode-eslint
Dirk Baeumer | v1.9.1
Integrates ESLint JavaScript into VS Code.
禁用 卸载 This extension is enabled globally.
This extension is recommended based on the files you recently opened. Ignore Recommendation

细节 发布内容 更改日志

VS Code ESLint extension

Azure Pipelines succeeded

Integrates [ESLint](#) into VS Code. If you are new to ESLint check the [documentation](#).

The extension uses the ESLint library installed in the opened workspace folder. If the folder doesn't provide one the extension looks for a global install version. If you haven't installed ESLint either locally or globally do so by running `npm install eslint` in the workspace folder for a local install or `npm install -g eslint` for a global install.

实时检测

多类型支持

自动修复

自动格式化

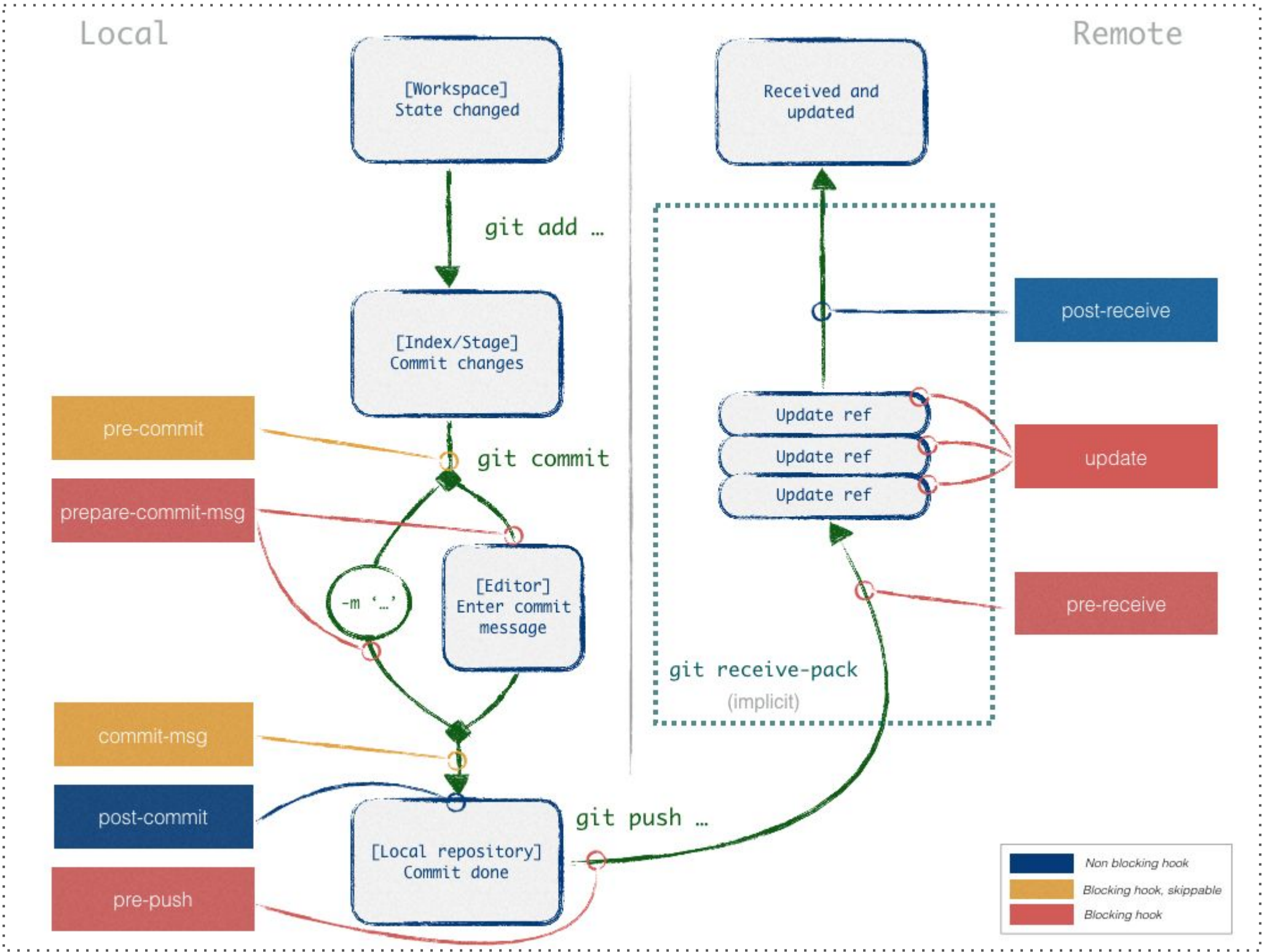
将乐趣进行到底



git hooks



husky



安装“黑匣子”



Commitizen ●

conventional-changelog && standard-version

最后一道防线



Q & A

敬请期待~~~~~

前端科普系列 之《webpack:它是如此,但远不止于此》

