

从写一个好的提交信息开始

做一名优秀的工程师

小彬

提交信息的意义

- 浏览提交记录
- 定位Bug
- 了解代码修改的原因和方法
- 自动生成里程碑式的版本记录

好与坏

```
$ git log --oneline -5 --author cbeams --before "Fri Mar 26 2009"
```

```
e5f4b49 Re-adding ConfigurationPostProcessorTests after its brief removal  
2db0f12 fixed two build-breaking issues: + reverted ClassMetadataReadingV  
147709f Tweaks to package-info.java files  
22b25e0 Consolidated Util and MutableAnnotationUtils classes into existin  
7f96f57 polishing
```

```
$ git log --oneline -5 --author pwebb --before "Sat Aug 30 2014"
```

```
5ba3db6 Fix failing CompositePropertySourceTests  
84564a0 Rework @PropertySource early parsing logic  
e142fd1 Add tests for ImportSelector meta-data  
887815f Update docbook dependency and generate epub  
ac8326d Polish mockito usage
```

好的提交信息

commit 7cc13c717b52d3539e76f087d747f96d0d24a914

Refs: v2.7.3-1-g7cc13c7

Author: Linus Torvalds <torvalds@linux-foundation.org>

AuthorDate: Wed Mar 16 09:15:53 2016 -0700

Commit: Junio C Hamano <gitster@pobox.com>

CommitDate: Wed Mar 30 11:25:35 2016 -0700

pretty: expand tabs in indented logs to make things line up properly

A commit log message sometimes tries to line things up using tabs, assuming fixed-width font with the standard 8-place tab settings. Viewing such a commit however does not work well in "git log", as we indent the lines by prefixing 4 spaces in front of them.

This should all line up:

Column 1	Column 2
A	B
ABCD	EFGH
SPACES	Instead of Tabs

Even with multi-byte UTF8 characters:

Column 1	Column 2
Ã	B
äåß	100
A Møse once bit my sister..	

Tab-expand the lines in "git log --expand-tabs" output before prefixing 4 spaces.

This is based on the patch by Linus Torvalds, but at this step, we require an explicit command line option to enable the behaviour.

Signed-off-by: Junio C Hamano <gitster@pobox.com>

头部

正文

尾部

提交信息组成

头部（必备）

- 以动词开头，使用第一人称现在时，比如change，而不是changed或changes
- 第一个字母小写
- 结尾不加标点

正文（需要时）

- 使用第一人称现在时，比如使用change而不是changed或changes
- 应该说明代码变动的动机，以及与以前行为的对比，不必解释如何做的

尾部（偶尔）

- 关闭issue，关联PR
- 重大不兼容性声明

优梦的提交

没有统一规范，自由发挥

自由发挥的结果

Nov 12, 2013



Tenth Commit ...

nishugames authored 3 months ago

Oct 27, 2013



Ninth Commit ...

nishugames authored 4 months ago

Oct 26, 2013



Eighth Commit ...

nishugames authored 4 months ago



Seventh Commit ...

nishugames authored 4 months ago



Sixth Commit ...

nishugames authored 4 months ago



Fifth Commit ...

nishugames authored 4 months ago

Oct 24, 2013



Fourth Commit ...

nishugames authored 4 months ago



Third commit ...

nishugames authored 4 months ago

好

★提交分类

- [Add Feature]
- [Modify Feature]
- [Fix Bug]


★提交描述详细


团队推广？





Angular commit convention


Commits on May 9, 2016

 **chore(parsing): change internal usage of `@` to `:` for namespaced va...** ...
mprobst committed with mprobst 10 days ago

 **feat(security): add tests for URL sanitization.**
mprobst committed 6 days ago


 **feat(security): add tests for style sanitisation.**
mprobst committed 6 days ago

 **chore(build): run security tests in NodeJS, too.**
mprobst committed 6 days ago


 **feat(security): add an HTML sanitizer.** ...
mprobst committed 9 days ago


Commits on May 6, 2016


 **feat(security): strip XSSI prefix from XHR responses.**
mprobst committed 4 days ago


 **chore: fix comment indent.**
mprobst committed 4 days ago


Commits on May 5, 2016

 **chore: fail build if a command from tsc-watch fails.** ...
tbsch committed 5 days ago

 **feat(security): fill in missing security contexts.** ...
mprobst committed 5 days ago

 **chore: fix unit tests on node.js** ...
tbsch committed 5 days ago

 **fix(core): don't detach nested view containers when destroying a view** ...
tbsch committed 5 days ago

 **chore(router): clang-format**
vsavkin committed 5 days ago

Angular commit convention

<type>(<scope>): <subject>

<BLANK LINE>

<body>

<BLANK LINE>

<footer>

Header

<type>(<scope>): <subject>

type

feat (feature)

fix (bug fix)

docs (documentation)

style (formatting, missing semi colons, ...)

refactor

test (when adding missing tests)

chore (maintain)

scope

specify place of the commit change

\$browser, \$compile, \$rootScope, ngHref, ngClick, ngView, etc...

subject

- use imperative, present tense: “change” not “changed” nor “changes”
- don't capitalize first letter
- no dot (.) at the end

Body

- just as in <subject> use imperative, present tense: “change”
not “changed” nor “changes”
- includes motivation for the change and contrasts with
previous behavior

Footer

- Breaking changes
- Referencing issues

Example

`style($location): add couple of missing semi colons`

Example

feat(\$browser): onUrlChange event (popstate/hashchange/polling)

Add new event to \$browser:

- forward popstate event if available
- forward hashchange event if popstate not available
- do polling when neither popstate nor hashchange available

Breaks \$browser.onHashChange, which was removed (use onUrlChange instead)

Example

fix(\$compile): Add couple of unit tests for IE9

Older IEs serialize html uppercased, but IE9 does not...

Would be better to expect case insensitive, unfortunately jasmine does not allow to use regexps for throw expectations.

Closes #392

Breaks foo.bar api, foo.baz should be used instead

Example

feat(\$compile): simplify isolate scope bindings

Changed the isolate scope binding options to:

- @attr - attribute binding (including interpolation)
- =model - by-directional model binding
- &expr - expression execution binding

This change simplifies the terminology as well as number of choices available to the developer. It also supports local name aliasing from the parent.

BREAKING CHANGE: isolate scope bindings definition has changed and the inject option for the directive controller injection was removed.

To migrate the code follow the example below:

Before:

```
scope: {  
  myAttr: 'attribute',  
  myBind: 'bind',  
  myExpression: 'expression',  
  myEval: 'evaluate',  
  myAccessor: 'accessor'  
}
```

After:

```
scope: {
```

工具化

```
install node http://nodejs.org/
```

```
npm install -g commitizen
```

```
npm i -g cz-conventional-changelog
```

```
echo '{ "path": "cz-conventional-changelog" }' > ~/.czrc
```

Demo

使用cz提交代码

根据使用体验做定制处理

Q&A

参考资料

- http://www.ruanyifeng.com/blog/2016/01/commit_message_change_log.html
- <http://chris.beams.io/posts/git-commit/>
- [Angular Git Commit Convention](#)
- <http://www.commitlogsfromlastnight.com/>