



escuela técnica superior
de ingeniería informática

Gestión del código fuente *Source code management*

***Departamento de
Lenguajes y Sistemas Informáticos***

**Evolución y Gestión de la
Configuración**

UNIVERSIDAD DE SEVILLA

My git commit messages!



	COMMENT	DATE
○	CREATED MAIN LOOP & TIMING CONTROL	14 HOURS AGO
○	ENABLED CONFIG FILE PARSING	9 HOURS AGO
○	MISC BUGFIXES	5 HOURS AGO
○	CODE ADDITIONS/EDITS	4 HOURS AGO
○	MORE CODE	4 HOURS AGO
○	HERE HAVE CODE	4 HOURS AGO
○	AAAAAAAAA	3 HOURS AGO
○	ADKFJSLKDFJSDKLFJ	3 HOURS AGO
○	MY HANDS ARE TYPING WORDS	2 HOURS AGO
○	HAAAAAAAAAANDS	2 HOURS AGO

AS A PROJECT DRAGS ON, MY GIT COMMIT MESSAGES GET LESS AND LESS INFORMATIVE.

Porqué es importante

jagalindo / SPLIT-crawler

Unwatch 1 Unstar 1 Fork 0

Code Issues 3 Pull requests 0 Projects 0 Wiki Security Insights Settings

Branch: master

Commits on Nov 4, 2019

Travis built jagalindo committed 5 days ago ❌	6b9cabf	<>
Update .travis.yml jagalindo committed 5 days ago ❌	Verified 9e6872d	<>
Update .travis.yml jagalindo committed 5 days ago ❌	Verified b2cf41c	<>
uploading new found files automatically Unknown authored and Unknown committed 5 days ago ❌	6c2046e	<>
uploading new found files automatically Unknown authored and Unknown committed 5 days ago ❌	8643283	<>
uploading new found files automatically Unknown authored and Unknown committed 5 days ago ❌	3af1cf9	<>
uploading new found files automatically Unknown authored and Unknown committed 5 days ago ❌	2fb49fb	<>
uploading new found files automatically Unknown authored and Unknown committed 5 days ago ❌	4bf9d57	<>
uploading new found files automatically Unknown authored and Unknown committed 5 days ago ❌	85597cc	<>
uploading new found files automatically Unknown authored and Unknown committed 5 days ago	76a9875	<>
uploading new found files automatically Unknown authored and Unknown committed 5 days ago ❌	6c63ad5	<>

Porqué es importante

torvalds / linux

Watch 6.8k Star 82.4k Fork 28.9k

Code Pull requests 299 Projects 0 Security Insights

Branch: master

Commits on Nov 7, 2019

- Merge branch 'for-linus' of git://git.kernel.org/pub/scm/linux/kernel...
torvalds committed 21 hours ago 847120f

Commits on Nov 6, 2019

- HID: wacom: generic: Treat serial number and related fields as unsigned
jigpu authored and Jiri Kosina committed 2 days ago ff47973
- Merge branch 'akpm' (patches from Andrew)
torvalds committed 2 days ago 4dd5815
- mm: memcontrol: fix network errors from failing __GFP_ATOMIC charges
hnaz authored and torvalds committed 2 days ago 869712f
- mm/memory_hotplug: fix updating the node span
davidhildenbrand authored and torvalds committed 2 days ago 656d571
- scripts/gdb: fix debugging modules compiled with hot/cold partitioning
iii-i authored and torvalds committed 2 days ago 8731acc
- mm: slab: make page_cgroup_ino() to recognize non-compound slab pages...
rgushchin authored and torvalds committed 2 days ago 221ec5c
- MAINTAINERS: update information for "MEMORY MANAGEMENT"
liu-song-6 authored and torvalds committed 2 days ago 6981b76
- dump_stack: avoid the livelock of the dump_lock
haokexin authored and torvalds committed 2 days ago 5cbf2ff
- zswap: add Vitaly to the maintainers list
vwool authored and torvalds committed 2 days ago a316313
- mm/page_alloc.c: ratelimit allocation failure warnings more aggressively
hnaz authored and torvalds committed 2 days ago 1be334e
- mm/khugepaged: fix might_sleep() warn with CONFIG_HIGHPT=y
ec649c9

Las siete reglas de un gran mensaje de commit de git

- Separa el título del cuerpo con una línea en blanco
- Limita título a 50 caracteres
- Capitaliza el título
- No termines el título con un punto
- Utiliza el modo imperativo en el título
- Limita el cuerpo a 72 caracteres
- Utiliza el cuerpo para explicar qué y por qué vs cómo

<https://gist.github.com/robertpainsi/b632364184e70900af4ab688decf6f53>

https://mirrors.edge.kernel.org/pub/software/scm/git/docs/git-commit.html#_discussion

Una posible convención de mensajes

The reasons for these conventions:

- automatic generating of the changelog
- simple navigation through git history (eg. ignoring style changes)

Format of the commit message:

```
<type>(<scope>): <subject>  
  
<body>  
  
<footer>
```

Message subject (first line)

First line cannot be longer than 70 characters, second line is always blank and other lines should be wrapped at 80 characters.

Allowed `<type>` values:

- **feat** (new feature)
- **fix** (bug fix)
- **docs** (changes to documentation)
- **style** (formatting, missing semi colons, etc; no code change)
- **refactor** (refactoring production code)
- **test** (adding missing tests, refactoring tests; no production code change)
- **chore** (updating grunt tasks etc; no production code change)

Example `<scope>` values:

- init

<http://karma-runner.github.io/0.10/dev/git-commit-msg.html>

¡Podemos usar plantillas!

Podemos crear una plantilla en un fichero `.txt` para que git lo use como mensaje inicial cuando realizamos un commit. Esto es útil para no olvidarnos durante el Desarrollo sobre como hacer un buen mensaje de commit que este de acuerdo a las normas del grupo.

Por ejemplo, Podemos escribir la plantilla en `~/.gitmessage.txt` que indique lo siguiente:

- Subject line (try to keep under 50 characters)
- Multi-line description of commit,
- feel free to be detailed.
- [Ticket: X]
- Note how this commit template reminds the committer to keep the subject line short (for the sake of `git log --oneline` output), to add further detail under that, and to refer to an issue or bug tracker ticket number if one exists.
- To tell Git to use it as the default message that appears in your editor when you run `git commit`, set the `commit.template` configuration value:

```
$ git config --global commit.template ~/.gitmessage.txt
```

```
$ git commit
```

<https://mirrors.edge.kernel.org/pub/software/scm/git/docs/git-commit.html#discussion>

Ejercicios

1) Definir una plantilla para cada grupo de trabajo. https://1984.lsi.us.es/wiki-egc/index.php/Uso_de_git y establecerla para su uso en git.

2) Cherrypicking, haremos uso del cherrypicking para traernos algunos commits de otra rama (ver la wiki)

3) revisaremos los ejercicios de la wiki.

7213

votes

41

answers

5.4m views

How do I revert a Git repository to a previous commit?

How do I revert from my current state to a snapshot made on a certain commit? If I do git log, then I get the following output: `$ git log commit a867b4af366350be2e7c21b8de9cc6504678a61b` Author: Me &...`

git

git-checkout

git-reset

git-revert

asked Nov 6 '10 at 16:58



Crazy Serb

35.6k ● 6 ● 30 ● 43

4818

votes

24

answers

1.1m views

How to make Git "forget" about a file that was tracked but is now in .gitignore?

There is a file that was being tracked by git, but now the file is on the .gitignore list. However, that file keeps showing up in git status after it's edited. How do you force git to completely ...

git

gitignore

git-rm

asked Aug 13 '09 at 19:23



Ivan

31k ● 15 ● 44 ● 53

640

votes

16

answers

218k views

How to remove/delete a large file from commit history in Git repository?

Occasionally I dropped a DVD-rip into a website project, then carelessly git commit -a -m ..., and, zap, the repo was bloated by 2.2 gigs. Next time I made some edits, deleted the video file, and ...

git

version-control

git-rebase

git-rewrite-history

asked Jan 20 '10 at 11:18



culebrón

15.7k ● 16 ● 59 ● 88

20239

votes

81

How do I undo the most recent local commits in Git?

I accidentally committed the wrong files to Git, but I haven't pushed the commit to the server yet. How can I undo those commits from the local repository?