

List all developers on a project in Git

Asked 7 years, 9 months ago Active 6 months ago Viewed 47k times



Is it possible to list all users that contributed to a project (users that have done commits) in Git?

176

Any additional statistics?



git



30

edited Jul 25 '18 at 20:40



Peter Mortensen

24.3k 19 89 118

asked Mar 7 '12 at 7:31



Ritam Nemira

2,261 3 21 21

9 Answers



To show all users & emails, and the number of commits in the CURRENT branch:

332

```
git shortlog --summary --numbered --email
```



Or simply:



```
git shortlog -sne
```

To show users from **all branches** (not only the ones in the current branch) you have to add `--all` flag:

```
git shortlog -sne --all
```

edited Jun 3 at 13:57



avs099

9,035 4 46 97

answered Mar 7 '12 at 7:35



Pedro Nascimento

9,568 4 24 62

- 3 Note that if you want to use this command from within a script, or something like "ant", you must specify a revision or it outputs nothing. For the current revision you can use HEAD: `git shortlog -sn HEAD` – [Majenko](#) May 22 '14 at 18:03
-
- 59 To get e-mail addresses as well, add `-e` . – [mic_e](#) Oct 30 '14 at 12:47
-
- 10 To show users from all branches (not only the ones in the current branch) you have to add `--all` flag – [Gian Marco Gherardi](#) Jul 6 '15 at 6:58
-
- 2 what if I dont want the number of commits? – [Wearybands](#) Jul 26 '18 at 11:45
-
- 1 This is also great for checking who touched a specific file rather than the whole project. `git shortlog --summary --numbered <pathToFile>` – [jxramos](#) Feb 4 at 23:02
-

If you want to be more specific in the list (find a list of unique committer and author), you could use `git log` :

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```
git log --pretty="%an %ae%n%cn %ce" | sort | uniq
```

- `%an` author name
- `%ae` author email
- `%n` new line
- `%cn` committer name
- `%ce` committer email

Other placeholders are described in the [pretty print documentation of git log](#) .

edited Jul 25 '18 at 20:43



Peter Mortensen

24.3k 19 89 118

answered Mar 31 '16 at 6:22



Guillaume Vincent

7,370 7 54 77

I think the `%n` does not make too much sense in combination with (line-based) `sort` , does it ? The line logs author / committer name / email in separate lines, but sorts over the entire output... – [ssc](#) Jun 27 '18 at 12:21

@ssc committer email can be different from author email. `%n` is for new line to find those differences – [Guillaume Vincent](#) Jun 27 '18 at 13:52

You can try this:

16

git log | grep Author: | sort | uniq

answered Mar 7 '12 at 7:33



Santa Zhang

644 5 13

This is the most useful command for anyone interested in updating their .mailmap file! – Ahi Tuna May 2 '18 at 17:02

▲ (users that have done commits)

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Note: by default [git shortlog](#) groups commits by *authors*.

▼ If you need to group them by committers, you will need Git 2.12 (Q1 2017)

```
git shortlog -snc
```

See [commit 03f4082](#) (16 Dec 2016) by [Jeff King](#) ([peff](#)).

See [commit fbfd15](#) (11 Oct 2016) by [Linus Torvalds](#) ([torvalds](#)).

(Merged by [Junio C Hamano](#) -- [gitster](#) -- in [commit ad1b4e2](#), 27 Dec 2016)

Linus Torvalds himself introduces this feature:

shortlog : group by committer information

In some situations you may want to group the commits not by author, but by committer instead.

For example, when I just wanted to look up what I'm still missing from `linux-next` in the current merge window, I don't care so much about who wrote a patch, as what `git tree` it came from, which generally boils down to "who committed it".

So make git shortlog take a " `-c` " or " `--committer` " option to switch grouping to that.

answered Dec 28 '16 at 21:41



VonC

Another option can be:

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```
git log --format='%aN' | sort -u
```

edited Jul 25 '18 at 20:44



Peter Mortensen

24.3k 19 89 118

answered Aug 9 '17 at 15:10



ΦΧοσέ Ρτ Περεύρα

36.5k 15 45 68

I haven't got around to testing it myself yet, but this looks really nice for project statistics for a Git repository:

<https://github.com/visionmedia/git-extras>

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Check out the `bin` catalog to see the the different scripts.

For example, the `git-count` script (commit count per committer):

```
git shortlog -n $@ | grep "):" | sed 's|:||'
```

edited Jul 25 '18 at 20:41



Peter Mortensen

24.3k 19 89 118

answered Mar 7 '12 at 7:37



Daniel Lee

5,961 1 34 48

`git shortlog -ns` seems less hackish – TomDLT Oct 20 '16 at 8:47

@TomDLT since I posted this 4 years ago, this example script in `git-extras` has changed. But I think my advice to look at git scripts from projects like `git-extras` or from peoples' dotfiles is still great advice. If you are looking for interesting git commands then I would recommend Gary Bernhardt's dotfiles as well: github.com/garybernhardt/dotfiles/tree/master/bin – Daniel Lee Oct 20 '16 at 8:54

You can try an amazing pack called [git-extras](#). Specifically, the commands [git-summary](#), [git-count](#) and maybe [some other](#).

edited Jul 25 '18 at 20:42

answered Mar 31 '15 at 10:11

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[Peter Mortensen](#)

24.3k 19 89 118

[honzakuzel1989](#)

1,617 2 19 27



Most of the repositories contain multiple identities ([email, name] pairs) per author. If I can suggest a non-CLI solution, try [Gitential](#) which also deduplicates the author identities.

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edited Jul 25 '18 at 20:45

[Peter Mortensen](#)

24.3k 19 89 118

answered Oct 4 '17 at 11:11

[kszucs](#)

96 3



Great answers by @pedro-nascimento, by @mic_e and others already solve the problem.

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In addition, you can add the following line to your `.gitconfig`

```
contributors = shortlog -e --summary --numbered
```

or in shell type

```
git config --global alias.contributors 'shortlog -e --summary --numbered'
```

answered Jun 5 '18 at 19:16

[adem](#)

472 6 15