

How to compare two different commits on the same branch in github?

Asked 1 year, 3 months ago Active 1 month ago Viewed 8k times



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Comparing histories on the same branch is very confusing for me on GitHub. I struggle with this regularly:

If I use `compare/master` in the URL after the GitHub repo name, I can compare against other branches in the repo based on the options in the drop-down menus.



<https://help.github.com/en/articles/comparing-commits-across-time>



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However, I usually want to compare several commits on master.

How is this easily done? Could I get a more clear example?

git

github

edited Jul 3 at 17:10



Dave Powers

860 1 14 21

asked Apr 15 '18 at 1:45



ShanZhengYang

4,591 20 60 129

2 Answers



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You can use the following URL structure to compare commits in the same branch:

`github.com/<username>/<repo_name>/compare/<commit1>...<commit2>`



Replace values for `username`, `repo_name`, `commit1` & `commit2` acc. to your project.



The separator between the two commits is `...` i.e. (3 dots)

edited Mar 7 at 7:48

answered Apr 15 '18 at 3:00



Pankaj Singhal

7,133 6 25 48

3 dots? That's the separator between the two commits? – [AlikElzin-kilaka](#) Nov 21 '18 at 12:33

2 Oh, it seems there's a [2-dot](#) notations that shows more info. – [AlikElzin-kilaka](#) Nov 21 '18 at 12:42



The article you linked has instructions for [comparing commits](#).

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The GitHub comparison tool will accept any [revision](#). Branches, tags, commit IDs, even dates. If you want to compare between two commits, give it the commit IDs. [Here's their example](#).



edited Jul 3 at 18:11



[Dave Powers](#)

860 1 14 21

answered Apr 15 '18 at 2:52



[Schwern](#)

95.5k 18 114 244

How could one compare .27 to .28 for example? github.com/alpacahq/pylivetrader/tree/master/pylivetrader – [gseattle](#) May 12 at 9:25

1 @gseattle github.com/alpacahq/pylivetrader/compare/v0.0.27..v0.0.28 – [Schwern](#) May 12 at 18:22

Terrific and also all of alpacaq >= May 8 too? – [gseattle](#) May 14 at 2:46

@gseattle Sorry, I'm not sure what you're asking for. You should ask it as a question. – [Schwern](#) May 14 at 5:53

Since, in this example, pylivetrader has dependencies that might have also changed, can all changes throughout github.com/alpacahq be obtained using a date like on and/or after May 8? – [gseattle](#) May 14 at 10:07