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How do I modify my Git Bash profile in Windows?

Asked 8 years, 10 months ago Modified 2 years, 5 months ago Viewed 234k times



107



I'm using Git Bash on Windows 7 and would like to set up Bash profile aliases such as `alias gs='git status'` to make my life easier. How can I do this?

windows

bashrc

.bash-profile

git-bash



54



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edited Aug 11, 2018 at 23:22



Peter Mortensen

11.8k 22 68 90

asked Jun 2, 2013 at 20:08



Brian

1,291 3 12 17

5 [Obligatory git alias joke](#) – StuperUser Feb 3, 2016 at 17:14

@StuperUser can't believe no one upvoted that yet! – EvilTak Aug 14, 2016 at 16:02

Sorted by:

6 Answers

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136



When you open up your Git Bash, you should be in your home directory by default. Now create the **.bashrc** file (if on Windows 7 the file should be named **.bashrc.**).

If you're not in the home directory, change into it by typing:

```
cd
```



and pressing . `cd`, without any other parameters listed after, will always return the home directory.

You can create the file by typing:

```
touch .bashrc
```

Then edit it with Vim or you could try doing it with some Windows editor, but I don't recommend it, because of some text formatting issues.

```
vim .bashrc
```

Change to Insert Mode by hitting the `i` key.

Add your alias by typing:

```
alias gs='git status'
```

Exit the insert mode by hitting the `Esc` key.

Save and close your file by typing the following `:` `w` `q` `Enter`.

`:` `w` `Enter` will only save your file.

`:` `q` `!` `Enter` will quit the editor without saving your file.

Finally, update the file to use your new changes by typing:

```
source .bashrc
```

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edited Aug 11, 2018 at 23:25



Peter Mortensen

11.8k 22 68 90

answered Jun 2, 2013 at 20:34



wottis

1,536 1 10 7

Thanks for your answer. I didn't know about `.bashrc` before, so your answer lead me to several sources, including superuser.com/questions/183870/... that agree that `.bashrc` is a better place to put aliases than `.bash_profile`. – Brian Jun 3, 2013 at 15:07

This really helped! I love that you also supplied the additional commands to use VIM. It's not really the most friendliest editor. Much appreciated! – cbloss793 Aug 4, 2016 at 21:14

11 This gives me WARNING: Found `~/.bashrc` but no `~/.bash_profile`, `~/.bash_login` or `~/.profile`. This looks like an incorrect setup. A `~/.bash_profile` that loads `~/.bashrc` will be created for you. (Git-2.11.0-64-bit) – aliopi Jan 19, 2017 at 7:53

How can I add a path in that file I tried: `'alias app='cd c:\mypath''` – utdev Mar 30, 2017 at 7:53

FYI, no need to touch the file, `vi` will create it for you directly. Prevents you one line ;) – Olivier Feb 28, 2018 at 13:19



You can put `.bash_profile` in your user directory: `C:\Users\<username>`.

36



You can also create some git-only aliases so you can do just `git st` for `git status` by adding these lines to `C:\Users\<username>\.gitconfig`:



```
[alias]
st = status
```

Some other useful aliases:

```

cm = commit -m
cma = commit -a -m
br = branch
co = checkout
df = diff
ls = ls-files

sh = stash
sha = stash apply
shp = stash pop
shl = stash list
mg = merge
ph = push -u

```

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edited Jun 2, 2013 at 23:15

answered Jun 2, 2013 at 20:34



gronostaj

50.5k 16 111 156

- 2 If aliases for Git commands are needed, editing the `.gitconfig` file is usually sufficient. – [Isxek](#) Jun 2, 2013 at 21:45

Thanks for your answer! I wasn't expecting to get two different but correct answers. – [Brian](#) Jun 3, 2013 at 15:11

- 1 For me, `.bash_profile` *wasn't* in my windows home dir. but my roaming home dir (network admin imposed). The "correct" answer is "put `.bash_profile` in your *git bash* home dir", which you can find by going to `cd ~` then `pwd` – [Bohemian](#) Jan 18, 2018 at 19:44



3



My git version is git version 2.18.0.windows.1 It took me a while to figure out where the `.bashrc` was `C:\Program Files\Git\etc ---> bash.bashrc` hope it helps

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answered Oct 17, 2019 at 23:27



SalFie

31 1

2



Simply (if you have `.bashrc` you will add aliases to the end of file):

```
cat >> ~/.bashrc
```



Paste or type a list of aliases. Press `Ctrl` + `D` and finally run:

```
source ~/.bashrc
```

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edited Aug 11, 2018 at 23:29

answered Oct 28, 2017 at 15:54



Peter Mortensen

11.8k 22 68 90

Piotr Gogolin

66 5

If you can't find your `~/.bashrc` file, you can add all aliases to your `~/.bash_profile` file.

1 For instance, to add an alias for a Git command (`git status`) simply add:

`alias gs="git status"`



In the same way you can add an alias for a Bash command (change directory path):

`alias myd="cd ~/path to my directory"`

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edited Aug 11, 2018 at 23:27

answered Jan 25, 2018 at 22:02



Peter Mortensen

11.8k 22 68 90



Otti

11 3



0



In your Git Bash home directory, there should be a `.gitconfig` file. In this file you can add your aliases by adding `[alias]`. It should be something like below:

```
[alias]
st = status
co = checkout
```

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edited Aug 11, 2018 at 23:27

answered Jul 4, 2016 at 11:27



Peter Mortensen

11.8k 22 68 90



Ditjhaba Selemela

9 1

2 Welcome to Super User! This duplicates another answer and adds no new content. Please don't post an answer unless you actually have something new to contribute. – DavidPostill ♦ Jul 5, 2016 at 9:32