

## Create a new branch with git and manage branches

Fabian St. George edited this page on Jan 26 · 6 revisions

In your github fork, you need to keep your master branch clean, by clean I mean without any changes, like that you can create at any time a branch from your master. Each time, that you want to commit a bug or a feature, you need to create a branch for it, which will be a copy of your master branch.

When you do a pull request on a branch, you can continue to work on another branch and make another pull request on this other branch.

Before creating a new branch pull the changes from upstream, your master needs to be up to date.

Create the branch on your local machine and switch in this branch:

\$ git checkout -b [name\_of\_your\_new\_branch]

Push the branch on github:

\$ git push origin [name\_of\_your\_new\_branch]

When you want to commit something in your branch, be sure to be in your branch.

You can see all branches created by using:

\$ git branch

Which will show:

\* approval\_messages
master
master\_clean

Add a new remote for your branch:

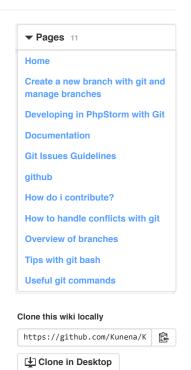
\$ git remote add [name\_of\_your\_remote]

Push changes from your commit into your branch:

\$ git push origin [name\_of\_your\_remote]

Update your branch when the original branch from official repository has been updated:

\$ git fetch [name\_of\_your\_remote]



Then you need to apply to merge changes, if your branch is derivated from develop you need to do:

\$ git merge [name\_of\_your\_remote]/develop

Delete a branch on your local filesystem :

\$ git branch -d [name\_of\_your\_new\_branch]

To force the deletion of local branch on your filesystem :

\$ git branch -D [name of your new branch]

Delete the branch on github:

\$ git push origin :[name\_of\_your\_new\_branch]

The only difference is the : to say delete, you can do it too by using github interface to remove branch : https://help.github.com/articles/deleting-unused-branches.

If you want to change default branch, it's so easy with github, in your fork go into Admin and in the drop-down list default branch choose what you want.

Copyright © 2008 - 2016 Kunena, License: GNU GPL

© 2015 GitHub, Inc. Terms Privacy Security Contact Help



Status API Training Shop Blog About Pricing