# Create a new branch with git and manage branches

Tukusej’s Sirs edited this page 4 days ago · [21 revisions](https://github.com/Kunena/Kunena-Forum/wiki/Create-a-new-branch-with-git-and-manage-branches/_history)

**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.

$ git pull

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. Add -u parameter to set upstream.

You can see all branches created by using :

$ git branch -a

Which will show :

\* approval\_messages

master

master\_clean

Add a new remote for your branch :

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

Push changes from your commit into your branch :

$ git push [name\_of\_your\_new\_remote] [url]

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.

If you want create a new branch:

$ git branch <name\_of\_your\_new\_branch>

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