

Explain the command:

1) Fork + Clone the project (do this step one time on your pc):

// fork and clone the project

fork the Organization repo to your GitHub account (if you don't fork it yet)

clone your GitHub repo to your pc (not the Organization repo)

git clone <the link from your GitHub repo (copy it from clone button)>

// add remote access to your master branch: that makes your master branch in your online and local repo connect with the Organization repo (do this command after being inside your local repo directory)

git remote add upstream <the link from the Organization repo (copy from clone button)>

2) Get the updated code || create new branch (you will repeat this step each time you work on a new feature):

// Move to the master branch (for your local repo) and get the last update from the Organization repo to your local repo

git checkout master

git pull upstream master

// create new branch

git checkout -b branchName

// do the status / add / commit steps

git status

git add .

git commit -m "meaningful commit"

// push your code to your GitHub repo (to the branch that you made)

git push origin branchName

// when finish working on the feature [create a new pull request (not in terminal)]

click on **New pull request** button then **pick name of your branch** branchName

type any comment and then click on **create pull request** button

// now for any other change repeat all the steps in **2) Get the updated code || create new branch**

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NOTE: `master` is the name of the main branch in a repo (`master` || `main`)

All steps together:

`git checkout master`

`git pull upstream master`

`git checkout -b branchName`

`git status`

`git add .`

`git commit -m "meaningful message"`

`git push origin branchName`

===== PULL REQUEST =====

create a pull request from `branchName` in your `repo` to the `master` branch in the `ORG` repo