

How to sync changes to your fork

After you've forked a public repository that you liked/want to work on, it may so happen that whilst you had been working on it, the maintainers of the original repository have updated the repository. Now when you're done with your work and want to open a pull request, you may find that your master branch is a few commits behind the original repository. How do you update that?

That's what we'll learn here.

1) Make sure you have a remote configured. The remote 'origin' repository(which is your forked version of the original repository). To do that, simply type the following to your terminal.

```
$ git remote add origin <url-to-your-forked-repo>
```

2) You can check whether that worked. Simply type the following to your terminal.

```
$ git remote -v
```

You should see an output like:

```
origin <url-to-your-forked-repo> (fetch)
```

```
origin <url-to-your-forked-repo> (push)
```

3) Great! So now our own origin remote repo has been configured. Now we must link this to our upstream repo, which is the original repo from which we had forked this repo. To do this simply type the following in to your terminal:

```
$git remote add upstream <url-to-the-original-repo>
```

4) Do a "git remote -v" to check results. You should get an output log that looks something like:

```
origin <url-to-your-forked-repo> (fetch)
```

```
origin <url-to-your-forked-repo> (push)
```

```
upstream <url-to-the-original-repo> (fetch)
```

```
upstream <url-to-the-original-repo> (push)
```

5)Great. So we've configured our origin as well as t upstream repos. Now lets get to sync our fork.

```
$ git fetch upstream
```

```
$ git merge upstream/master
```

```
$ git push origin master
```

6) Now continue working on your changes, and when you're done, open a pull request!

Congratulations!

Useful Links:

[sync-your-fork](#)

[push changes](#)