## Git revert to hash (pt) 6e5fa5112103844f95adb99b23ddf3497695e933

Git show ORIG\_HEAD

<https://stackoverflow.com/questions/5816688/resetting-remote-to-a-certain-commit>

Assuming that your branch is called master both here and remotely, and that your remote is called origin you could do:

git reset --hard <commit-hash>

git push -f origin master

However, you should avoid doing this if anyone else is working with your remote repository and has pulled your changes. In that case, it would be better to [revert](http://www.kernel.org/pub/software/scm/git/docs/git-revert.html) the commits that you don't want, then push as normal.

**Update:** you've explained below that other people have pulled the changes that you've pushed, so it's **better to create a new commit that reverts all of those changes**. There's a nice explanation of your options for doing this in [**this answer from Jakub Narębski**](https://stackoverflow.com/questions/1463340/revert-multiple-git-commits/1470452#1470452). Which one is most convenient depends on how many commits you want to revert, and which method makes most sense to you.

Since from your question it's clear that you have already used git reset --hard to reset your master branch, you may need to start by using git reset --hard ORIG\_HEAD to move your branch back to where it was before. (As always with git reset --hard, make sure that git status is clean, that you're on the right branch and that you're aware of git reflog as a tool to recover apparently lost commits.) You should also check that ORIG\_HEAD points to the right commit, with git show ORIG\_HEAD.

## To force remote Github to match my commit history on local git folder.

<https://stackoverflow.com/questions/10510462/force-git-push-to-overwrite-remote-files>

You should be able to force your local revision to the remote repo by using

git push -f <remote> <branch>

(e.g. git push -f origin master). Leaving off <remote> and <branch> will force push all local branches that have set --set-upstream.

Overwrites all objects and git history on remote with local git.

(base) jyoon@Asus-S510:/mnt/c/python/datasciy$ git push -f origin master

Username for 'https://github.com': jenneyoon

Password for 'https://jenneyoon@github.com':

Counting objects: 3772, done.

Delta compression using up to 8 threads.

Compressing objects: 100% (3358/3358), done.

Writing objects: 100% (3772/3772), 199.94 MiB | 6.25 MiB/s, done.

Total 3772 (delta 1666), reused 732 (delta 322)

remote: Resolving deltas: 100% (1666/1666), done.

To https://github.com/JennEYoon/datasciY.git

+ fadf82b...635b8f7 master -> master (forced update)

git show ORIG\_HEAD (Latest locally)

commit 635b8f714889ef3abc202a66571f5f48b1cbf1be (HEAD -> master, origin/master, origin/HEAD)

Author: JennEYoon <jenneyoon@gmail.com>

Date: Mon Dec 30 16:04:38 2019 -0500

Update projects.html