

# Git Day to Day Commands

To create branch: `git checkout -b <branch name> <pulse/version>`

To fetch fork (origin or remote repository) : `git fetch <fork name>`

To delete branch: `git branch -D <branch name>`

To delete branch from fork: `git push <your fork name> --delete <branch name>`

To check which branch you are currently on: ~~git branch~~

```
git rev-parse --abbrev-ref HEAD
```

To push to your remote branch: `git push <fork name> <branch name>`

To stash branch: `git stash branch <branch name>`

To remove last commit and if want to keep changes u made: `git reset --soft HEAD~1`

To remove last commit and want to destroy your changes u made: `git reset --hard HEAD~1`

To apply selected commit to your currently checked out branch (if you have fetched it from anywhere, or created locally in another branch.):

```
git cherry-pick <commit number>
```

To change last commit message: `git commit --amend` (git takes it as a new commit)

To remove all your commits present in your fork (for specific branch) and just want to have only this commit from local branch : `git push <fork name> +<branch name>` (or you can force push)

To make commit number 3 on top of commit number 1 (deletes all commits present between commit 3 and 1 along with commit 1): `git rebase --onto <commit number 3> <commit number 1>`

To delete all commits with changes starting from commit number 3 to commit number 1 (in between commits too) : `git rebase --onto <commit number 3>^ <commit number 1>`

If there are 3 commits.. commit 1, commit 2, commit 3 line by line, want to remove specific comment (i chose commit 2) : `git revert --strategy resolve <commit number 2>`

still see the commit in the log). (it deletes changes of commit 2 but u can

To stop rebasing which is in progress: `git rebase --abort`

To continue rebasing which is progress: `git rebase --continue`

To set upstream : `git branch -u pulse/<version number>`

To rename a branch while pointed to any branch : `git branch -m <old branch name> <new branch name>`

To rename the current branch: `git branch -m <new branch name>`

## =====

### To fetch code from other's fork:

see if he is added in your remote or else: `git remote add <other's fork name> https://git.pehr.in/smaheshwaram/Nexia.git` (given sample URL)

Fetch his/her fork: `git fetch <fork name>`

Either cherry pick his/her commit or just create new branch from his/her: `git checkout -b <your new branch> <their fork name>/<their local branch name>`

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To create branch from master(pulse):

git fetch pulse

git checkout -b <branch name> pulse/10.3 (10.3 is the current branch you want, replace with 10.X or master)

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To see modified files: git status | grep modified (you probably want to see git status without any greps usually)

To add all modified files: git add <file name> <file name 2> .....

To view all modified changes: git diff (that have not been staged)

To view all commits: git log

To commit with message: git commit -m "<your commit message"

To modify commit message of last commit : git commit --amend -m "New commit message" (if you pushed to your fork, you will have to force push your changes)

forced update(if already pushed): git push <remote> <branch> --force (Or) git push <remote> <branch> -f

To force push: git push -f origin <branchname>

To show committed file: git show

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