

# Git&Github

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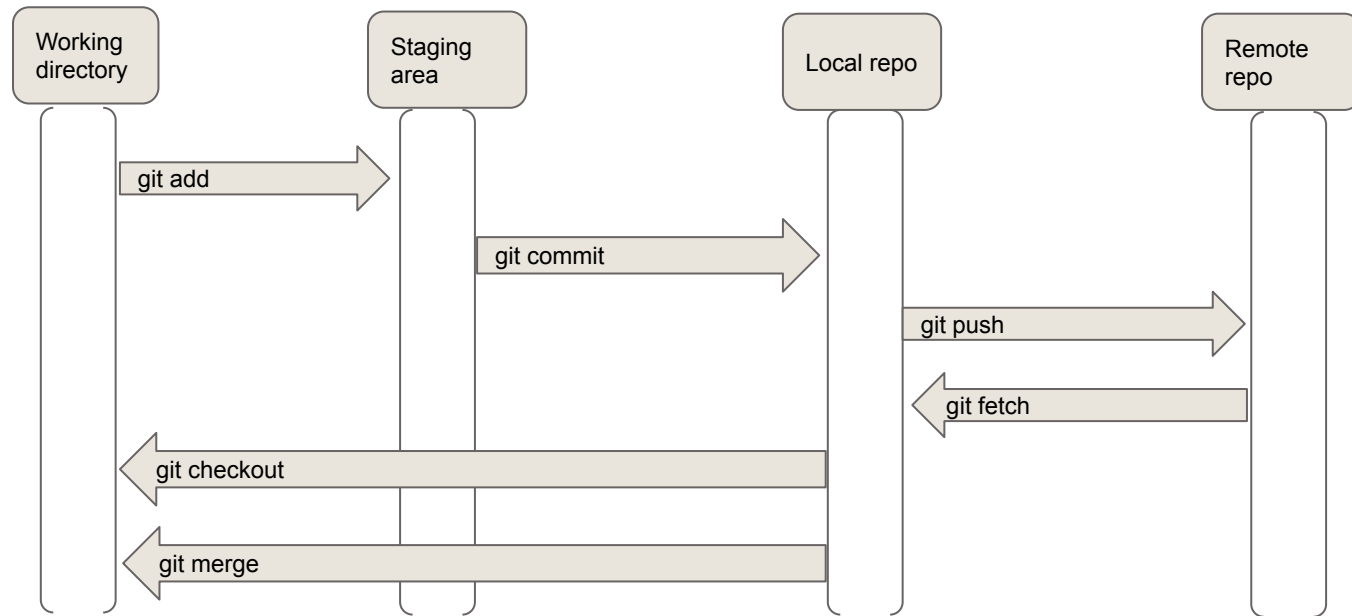
# Important Words.....

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- \*Repository (for every project)
- \*Branch (for every feature or enhancement)
- \*Local Repo
- \*Remote Repo
- \*Commit
- \*Clone (from local or remote repo)
- \*Push (upload local changes to remote)
- \*Pull (you pull changes from remote to your local)
- \*Pull Request (tell other about your changes to pull it from your local to remote)

What stages to add,reset and commit folders (your additions) on remote repo..?

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- git add + (name of folder)
  - git reset head +(name of folder) to delete folder before commit your additions to repo.
  - git commit -m "Explain what you did"
  - git add \* (add any folders that you did)
  - git push REMOTEREPO LOCALREPO
  - git pull REMOTEREPO
  - git config -- global - - edit
  - ssh-keygen -t rsa -b 4096 -C "your E-mail" (to create github public key).
  - ssh -T [git@github.com](mailto:git@github.com) (to make sure that public key is complete)
  - git clean -n (to show files before delete them)
  - git clean -f (to delete files)

# How to make a repo from an existing project...?

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- git init (make initialized empty repo in your folder you did)
  - git remote add origin [git@github.com](mailto:git@github.com):
  - git push -u origin
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## Make a pull request....!?

- There are two methods to make a pull request..
  - 1/ commit directory to the master branch
  - 2/create a new branch for the commit and start a pull request
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## Make a **Alias**....!

- `git config -- global alias.(abbreviation) (link)`

# Branching .....!

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- `git branch + name of branch` (to create a new branch)
- `git checkout +name of branch` (to move to another branch)
- `git checkout -b +name of branch` (to create a new branch and move to it)
- `git branch -d +name of branch` (to delete branch)
- `git merge +name of branch` (to merge two branches)

# Stash....

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- stash ( stash is a virtual box you can put it any files without deleting and no one can see them)
- git stash +name of file
- git stash list (to know if there are files you made disappear)
- git stash pop (to extract to the file that you made disappear)
- git stash apply ( to extract to the file without deleting it from stash box)
- git stash drop (to delete a file from stash)
- git stash save "name of file you want"
- git stash show stash@() (to show a certain file)
- git stash clear (to delete the all from stash)

## How to do a head reset.....?

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- to delete any commit you should move the head from it if this commit was last commit and
  - if you want delete any commit move the head to the commit that precedes it
  - git reset --hard +link of commit

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## How to ignore files.....!?

- Create a file and write all(\*) files that you need to ignore them if you need file (!+name of file)
- and do not forget a file that you write in.



# Tags and Releases..

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- Lightweight Tag;
  - `git tag +name of tag`
- Annotated Tag;
  - `git tag -a +name of tag -m " "`
  - `git tag + name of tag`
  - `git push origin +name of tag`
- `git push origin --delete +name of tag` (to delete a tag)