**GIT CHEAT SHEET**

Local repo, staging:

* git init 🡪Create Local Repo
* git add . 🡺 All file will send staging area
* git add **file1**: Send file1 from working directory to staging area
* git rm –cached **file1** 🡪 un-stage the file
* rm -rf .git 🡪 Delete Local Repo
* git status 🡺 Shows status of files in local repo and staging area.
* git commit **file1** 🡺 Send file1 from local repo to the staging area
* git commit -m **“abc”** 🡺 Commit to file after sending staging area (git add)
* git commit -am **“abc”** 🡺 Commit to file without sending staging area
* git log 🡺 Shows the commits (type q or z to exit)
* git log –pretty=one line 🡺 Shows commits details in one line
* git log –oneline 🡺 Shows commits brief

Branch:

* git branch **dev** 🡺 Create a branch name “dev”
* git checkout **dev** 🡺 Pass to dev branch
* git branch -r 🡺 Shows the branches at remote
* git branch -a 🡺 Shows the branches at local and remote
* git checkout -b **dev** 🡺 Create new dev branch and go there
* git branch -d **dev** 🡺 Delete branch (if merge)
* git branch -D **dev** 🡺 Delete branch force even without merge
* git merge **dev 🡺** “dev” branch will merge to the present branch
* git reset --soft 🡪(Save your changes, back to last commit)
* git reset --hard 🡪(Discard changes, back to last commit)
* git reflog

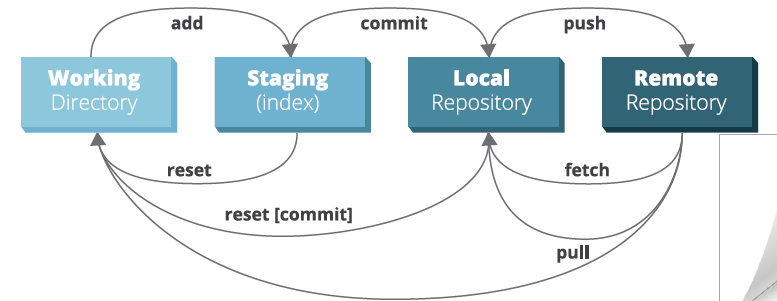
1a75c1d... HEAD@{0}: reset --hard HEAD^: updating HEAD

**f6e5064**... HEAD@{1}: commit: added file1

* **git reset --hard f6e5064**

HEAD is now at f6e5064... added file1

* git clone **url:** Github repository cloning to the local repository
* git remote add <name> <url> : Send the local repository to the github
* git push: Send the documents from local repository to the remote repository
* git fetch 🡪 git merge: Documents send from remote repository to the local
* **git pull** 🡪 Documents send from remote repository to the local in one step
* git diff 🡪 Show the changes to files not yet staged
* git diff --cached 🡪 Show the changes to staged files
* git diff HEAD 🡪 Show all staged and un-staged file changes
* git diff commit1 commit2 🡪 Show the changes between two commit ids
* git remote -v: Shows the remote branches after fork/clone the others repo



* git - - version: Which version of GIT using
* git config - - global user.name “Yasin Tuten”

Git asking you for your username and password every time:

* git remote set-url origin [git@github.com:username/repo.git](mailto:git@github.com:username/repo.git)
* git revert <name the commit you wish to revert>

revert any commands just by adding the commit ID.