GIT CHEAT SHEET

Created At	23/05/2023

Repo Creation (manual)

1. **git init** (initialize a git repo)
2. **git add *** (add all files)
3. **git commit -m "comment"**
4. **git branch -M main** (define the main branch)
5. **git remote add origin [url]** (connect the local repo to the distant repo)
6. **git push -u origin master** (send files to distant repo)

Configuration

- **git config – global user.name "John Doe"** (configure the user name)
- **git config – global user.email "jdoe@gmail.com"** (configure the user mail)

Branch

- **git branch -a** (to see all branchs)
- **git branch [name]** (create a branch)
- **git checkout -b [name]** (create a branch and move on it)
- **git checkout [name]** (move on a branch)
- **git merge [name1] [name2]** (merge 2 branchs)
- **git branch -d [name1] [name2]** (delete local branchs)

Pull/Push

- **git pull** (recover files)
- **git pull origin [branch]** (pull a specific branch)
- **git pull --rebase** (combining local unpublished changes with the latest published changes on the remote)
- **git commit -m "message"** (simple commit)
- **git commit -am "message"** (add * and commit in one time)

Other	Help
• **git --version** (show the git version) • **git update-git-for-windows** (git update) • **git status** • **git clone --branch [branch] [url]** (clone a branch of a specific repo) • **git clone [url]** (clone the specific repo) • **git remote add origin [url]** (connect a local repo to a distant repo) • **git diff [branch1] [branch2]** (compare the files difference of 2 branchs) • **git remote -v** (show remotes of the actual repo)	• **rm .git/index.lock** (delete the index.lock file if another processus is open somewhere) • **git rebase --continue**

Upstream (repo "étranger")

1. Go on another repo,
2. Click on the **Fork** button,
3. **git clone [url]** (the SSH link of your repo),
4. **git remote add upstream [url]**   (the HTTPS link of the upstream repo),

- **git pull upstream main** (pull on the upstream repo)

Where to find ?	https://github.com/Andhromede/Git--Cheat-Sheet