Ludovic Dutoit, October 2016

# An overly simple look at GIT commands.

## Do you want to upload your changes?

Once you have made some changes, here is how to upload them.

1.**git pull** : It will incorporate to your version changes that may have been done to the online repository while you were working on your version but will not erase your changes.

2.**git add <file>**: Add the <file> and its changes to the next commit. By using "*git add* *" you will add all the changes to all the files into the repository

3, **git commit -m "[descriptive message]"**: Create a new version/timepoint of your directory.

4**. git push** put this timepoint on the online version.

## Other essential commands:

**git status**: this is your eyes. It keeps track of everything, use it all the time. You will see what you have changed, what you have added, and how far away you are from the online version

**git checkout**: This is the main timepoint control. It allows you to come back to any version but also to resolve many conflicts between your version and the version of your collaborators.

**git clone [ssh-key]:** Create a new local repository. Always use the ssh version of the link.

## More resources:

A complete cheatsheet here: https://www.git-tower.com/blog/git-cheat-sheet/

A very simple tutorial here: http://rogerdudler.github.io/git-guide/

git on codecademy: https://www.codecademy.com/learn/learn-git