

Email:

`dodaro@mat.unical.it`

Office hour:

Thursday (after the lecture)

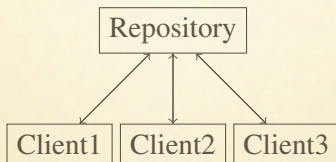
GIT

Carmine Dodaro

Enterprise Applications

WHAT'S GIT

- Groups of people work simultaneously on groups of files (e.g. program sources)

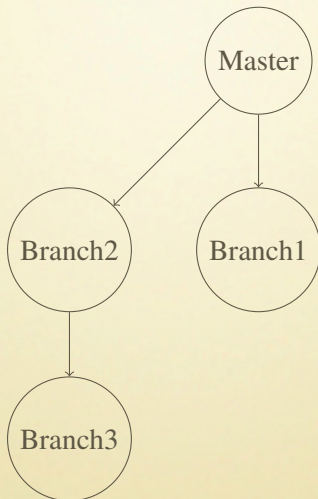


A client can:

- Create its working copy of these files
- Edit its copy of the files freely
- Update its copy
- Push its copy into the central repository

STRUCTURE OF A REPOSITORY

- A repository can be viewed as a tree



BASIC COMMANDS (1)

- `git checkout`
 - Makes a local working copy of a sub-tree of the repository (possibly from the master)
- `git pull`
 - Updates your working copy with any changes from the central repository
- `git add`
 - Adds a file(s) you want to share

BASIC COMMANDS (2)

- `git status`
 - Compares the working copy with repository
- `git commit`
 - Commits your changes to your local working copy
- `git push`
 - Saves your changes to the repository
- `git branch $name_branch`
 - Creates a new branch

BASIC COMMANDS (3)

- Much more!
- `git stash`
- `git merge`
- ...
- Take a look at:
<https://www.youtube.com/watch?v=ZDR433b0HJY>

- Let's create a new account:
 - <https://github.com/>