

This course



Versioning (today)

Python basics

Special Python packages

Seminar Structure



Discuss homework (code review)

New features

Hands-on tutorial

Today



Versioning

2 •Git

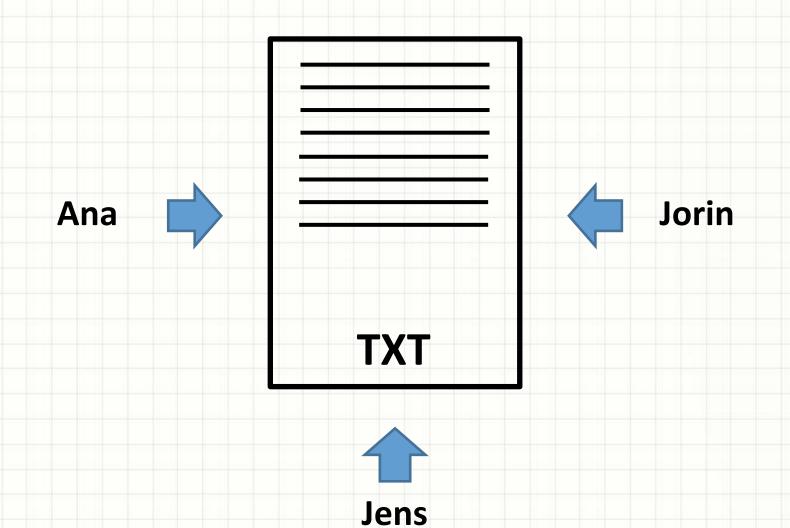
3 • Github

"Versioning"

20170105	20170110	20170115	20170205	20170210	20170215	20170305
20170310	20170315	20170405	20170410	20170415	20170505	20170510
20170515	20170605	20170610	20170615	20170705	20170710	20170715
20170805	20170810	20170815	20170905	20170910	20170915	20171005
20171010	20171015	20171105	20171110	20171115	20171205	20171210
20171215	20180105	20180110	20180115	20180205	20180210	20180215
20180305	20180310	20180315	20180405	20180410	20180415	20180505
20180510	20180515	20180605	20180610	20180615	20180705	20180710
20180715	20180805	20180810	20180815	20180905	20180910	20180915
20181005	20181010	20181015	20181105	20181110	20181115	20181205
20181210	20181215					

Cooperation





Git



Track and save all changes

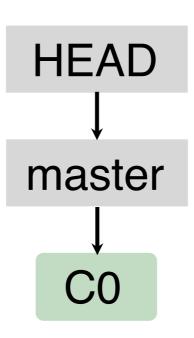
Made for large software projects

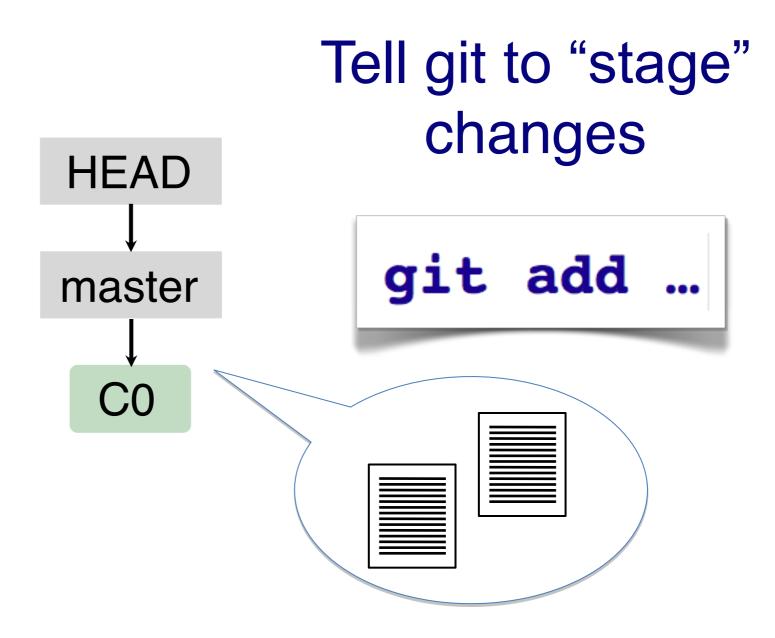
Useful and handy for all projects

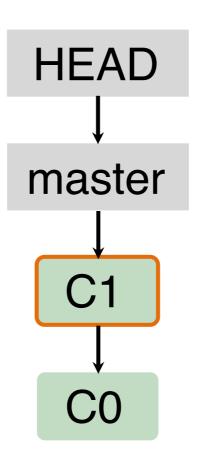
Basic git

Create a git repo

```
mkdir repo
cd repo
git init
```







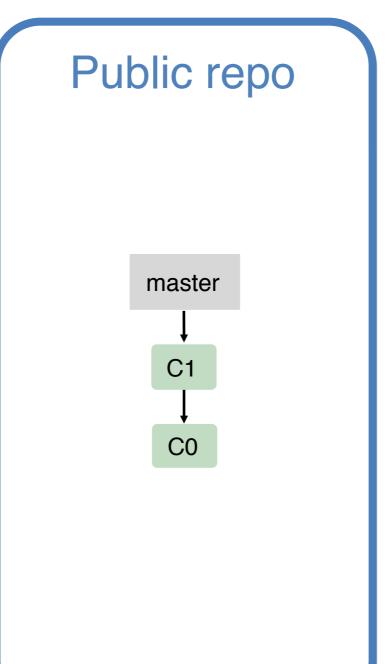
Commit your changes

git commit ...

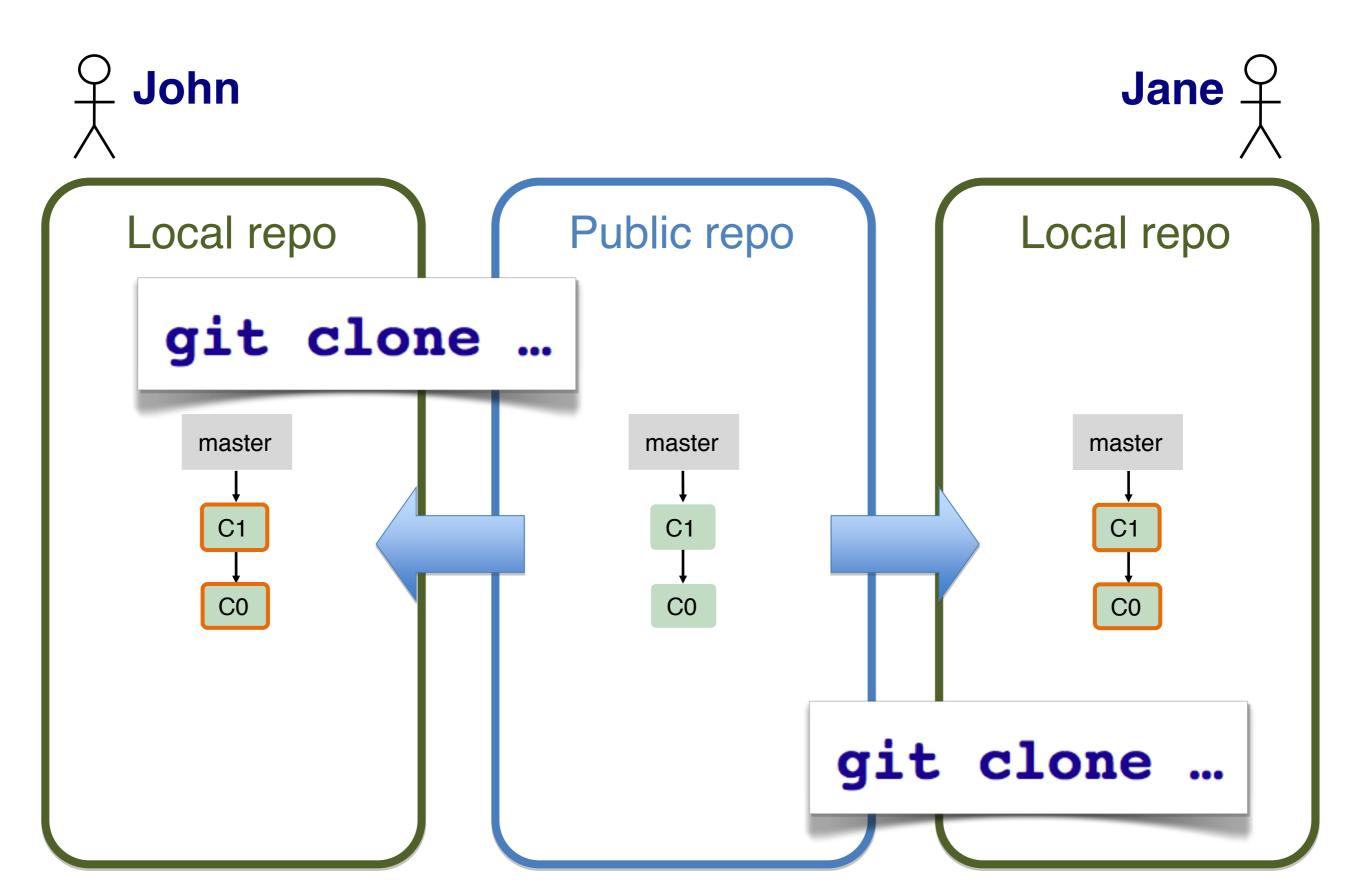
Collaborating

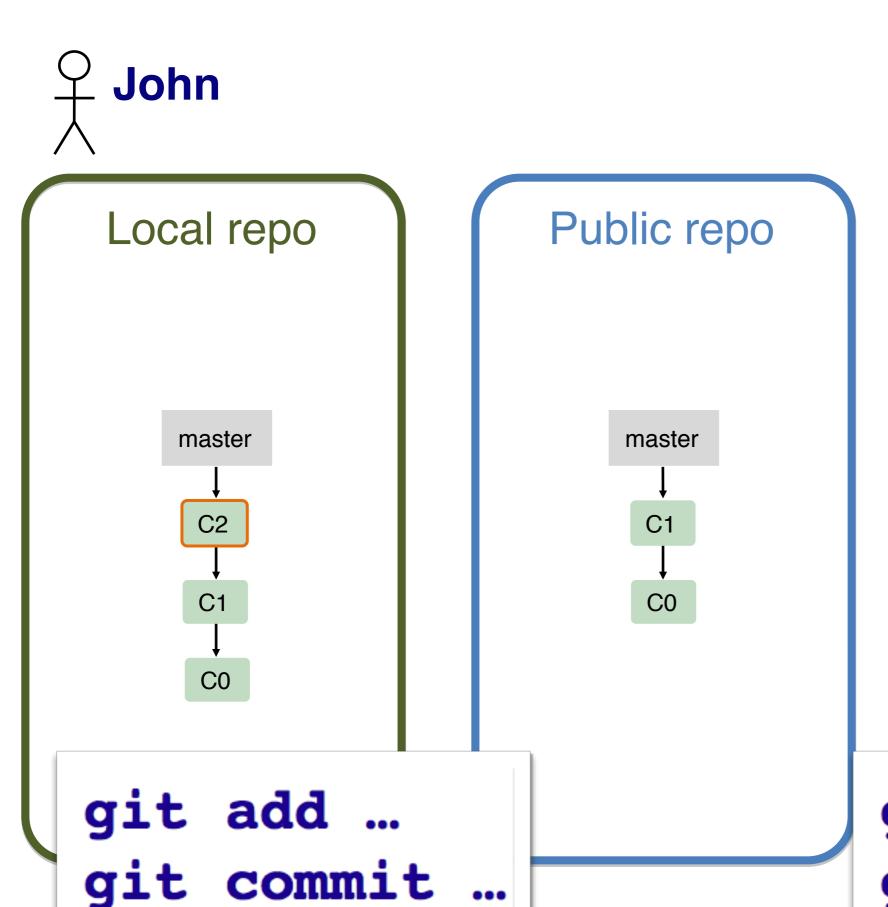






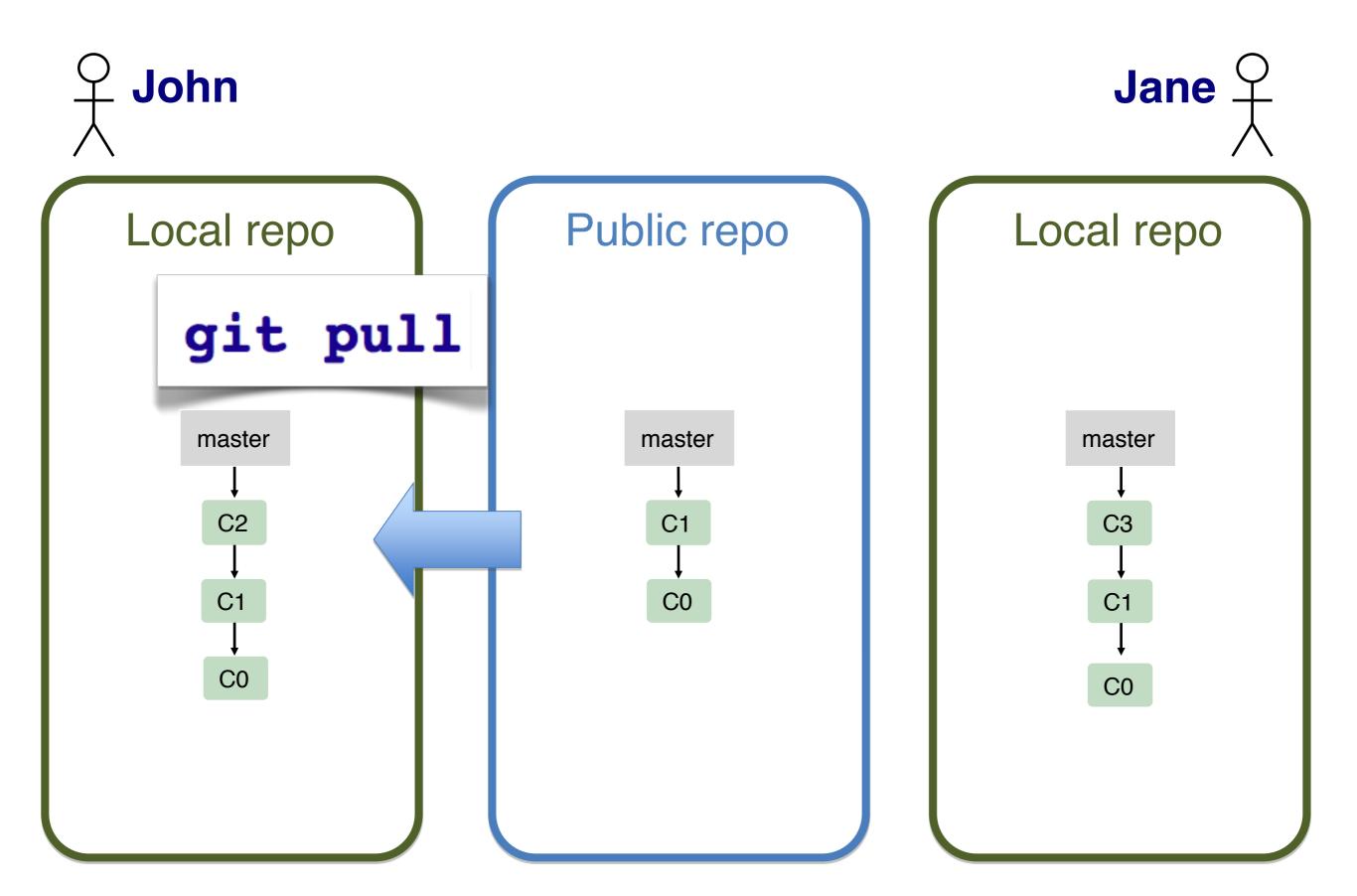
Local repo



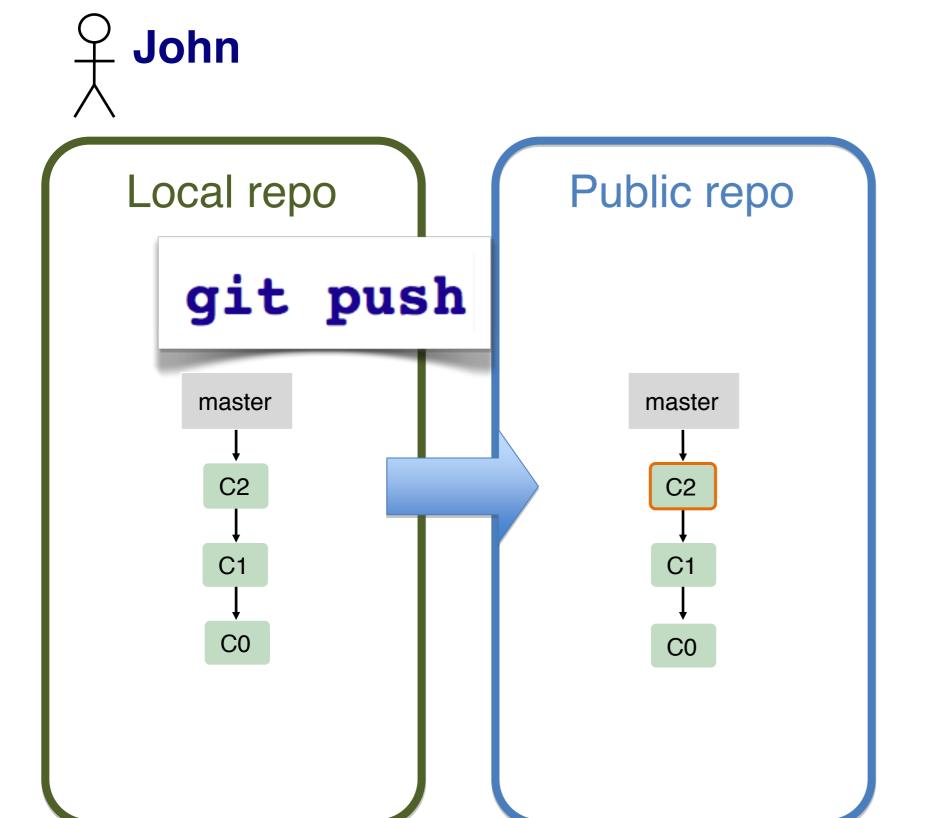


Jane Local repo master C3 C1 C0

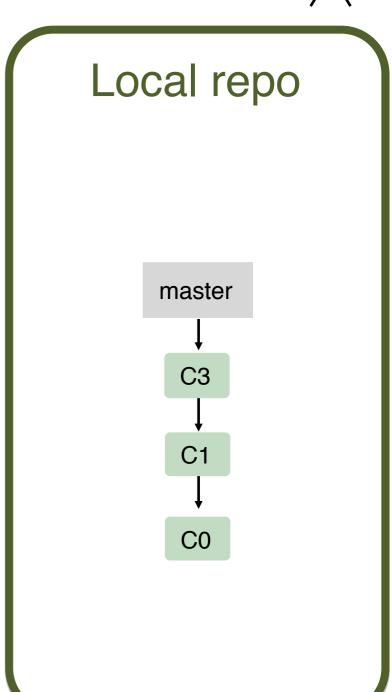
git add ...
git commit .

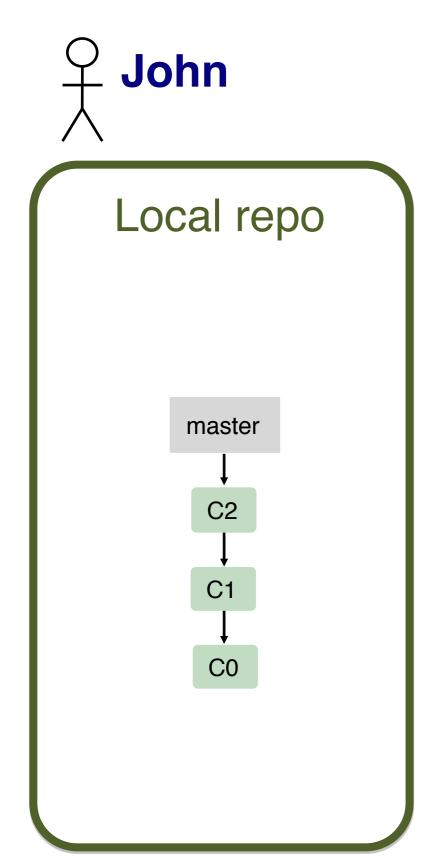


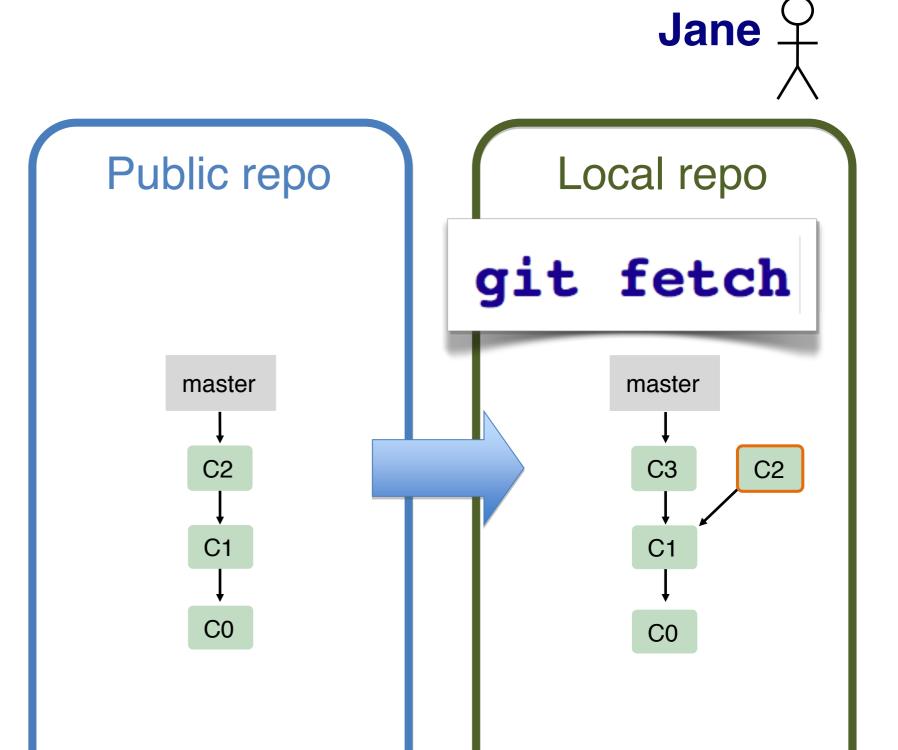
(nothing new to pull)

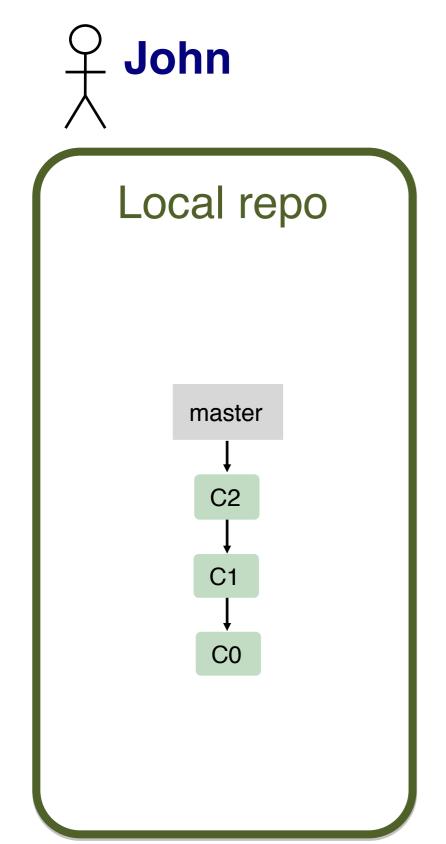


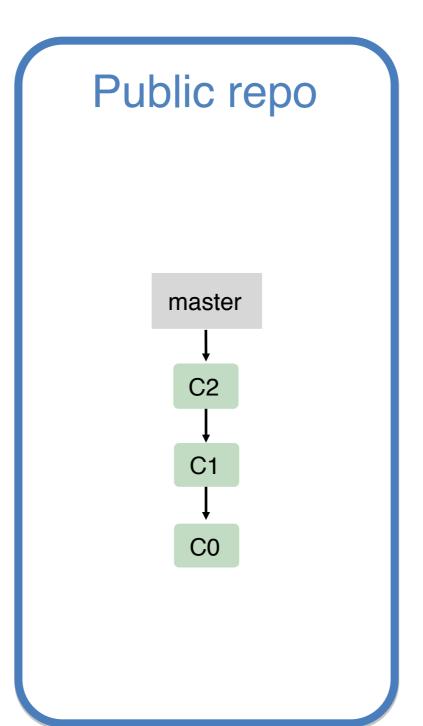


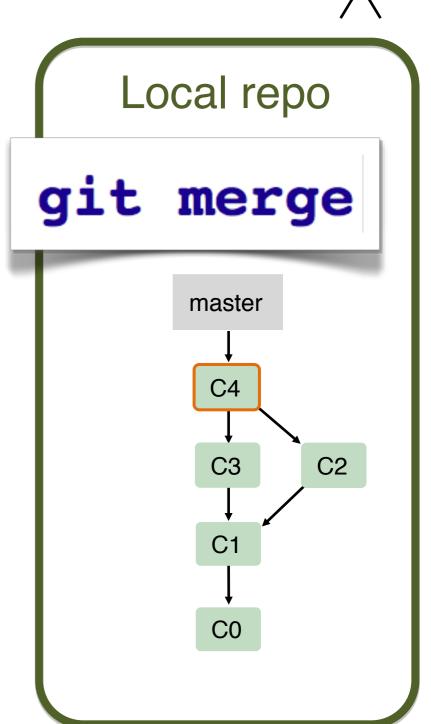






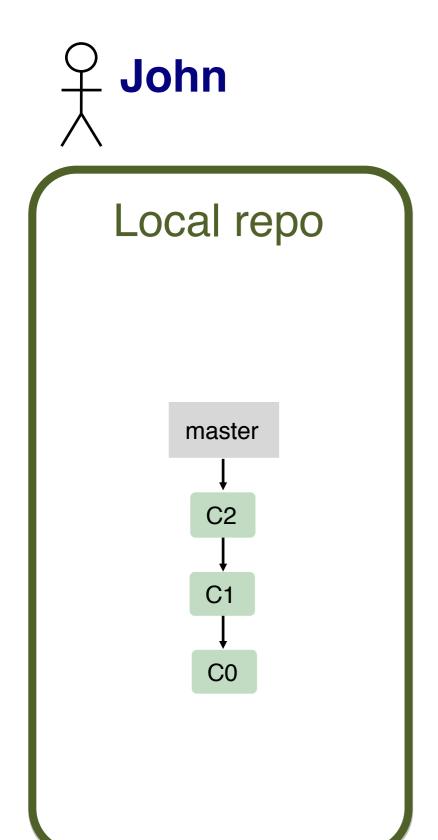




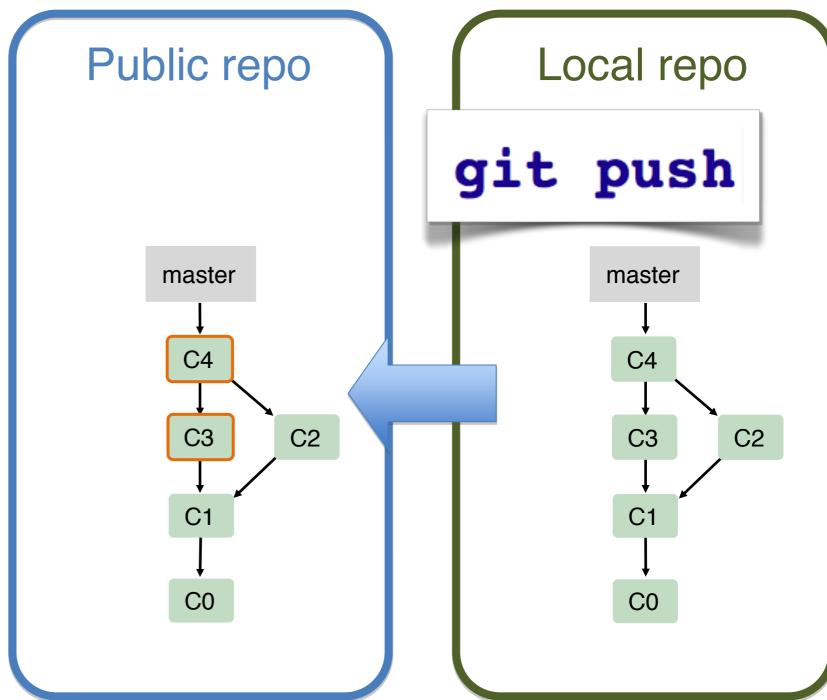


Jane

NB: git pull = fetch + merge

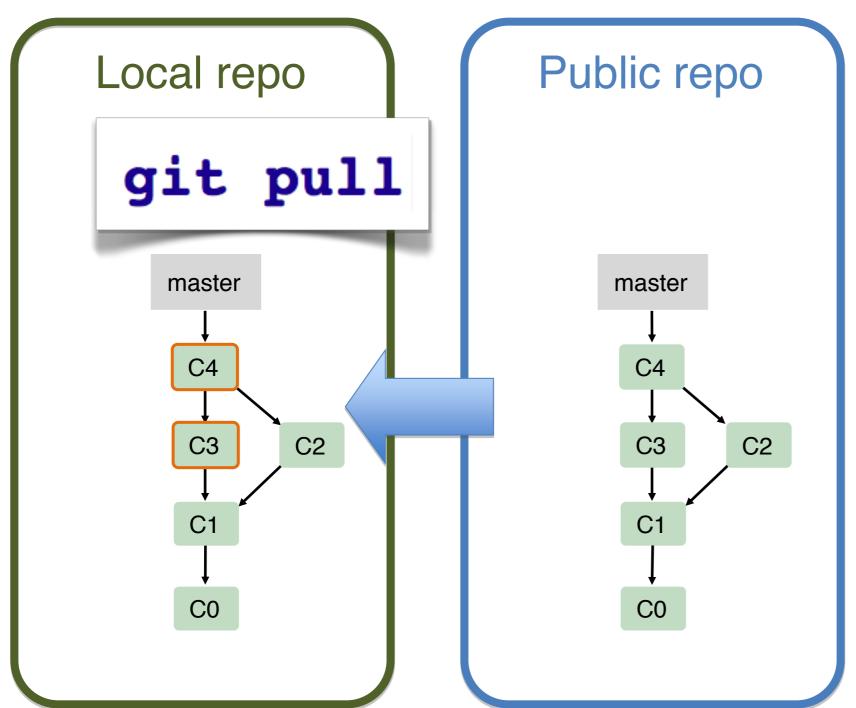


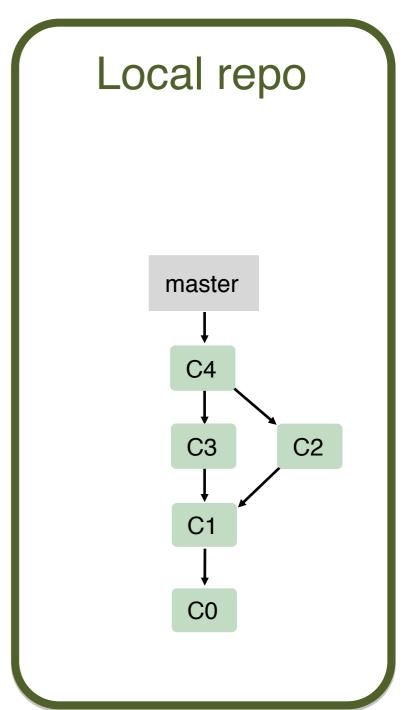










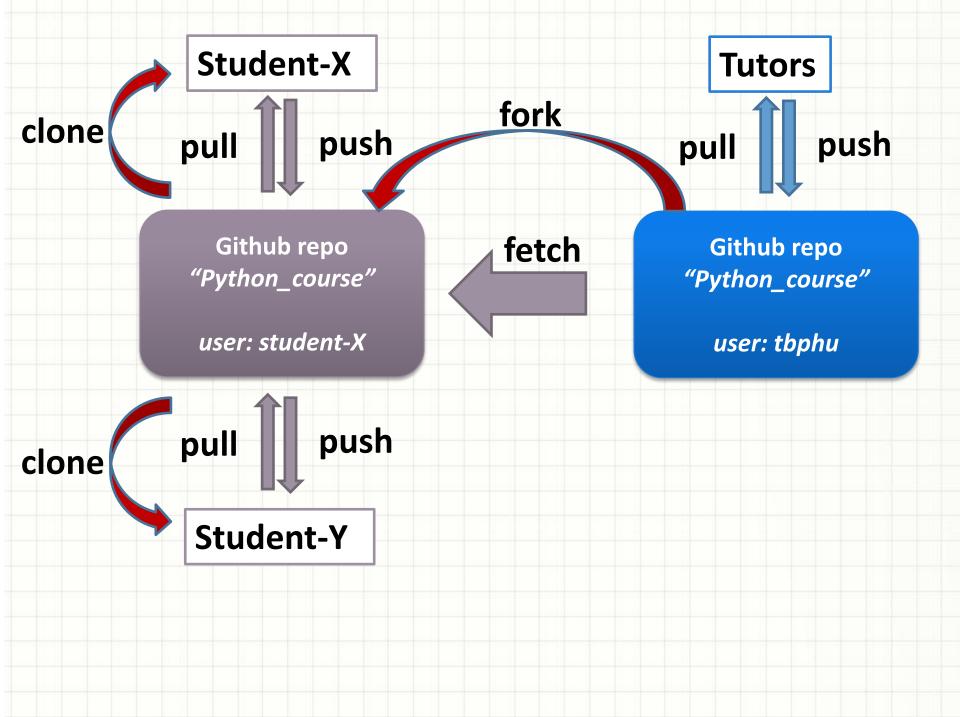


Repositories



Remote repo: http://github.com

Local repo: On your PC



Hands-on – Github account



Go to http://github.com

Register and get an account

Hands-on – Fork our repo



Go tohttp://github.com/tbphu/Python_course

Click on FORK

