

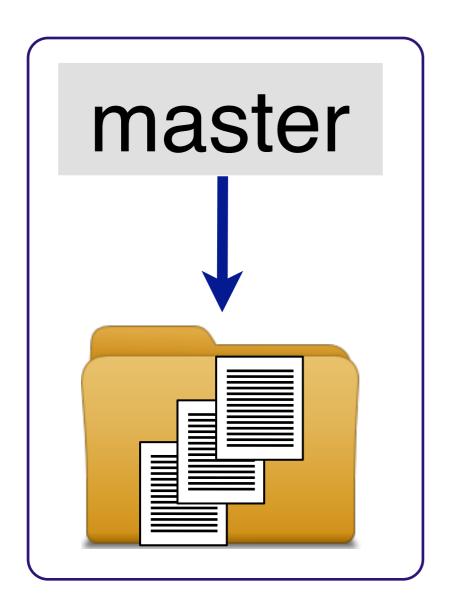
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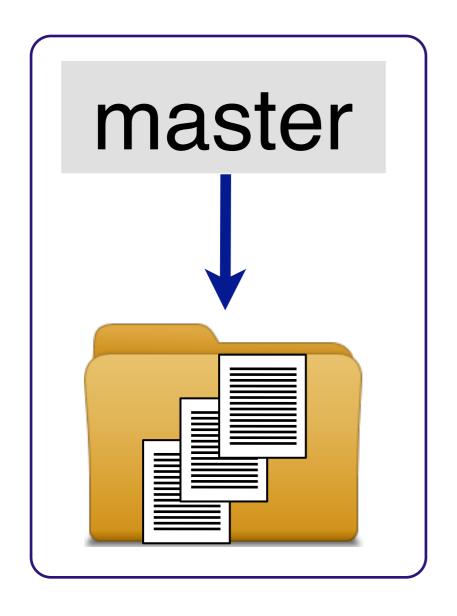
Branching and merging in git

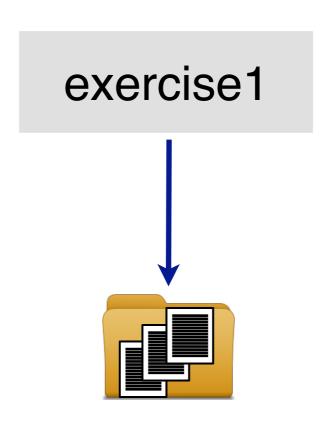
Andrei Chis



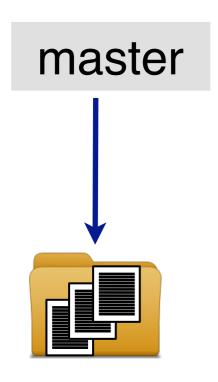
Branching is like "Save as..." on an entire directory

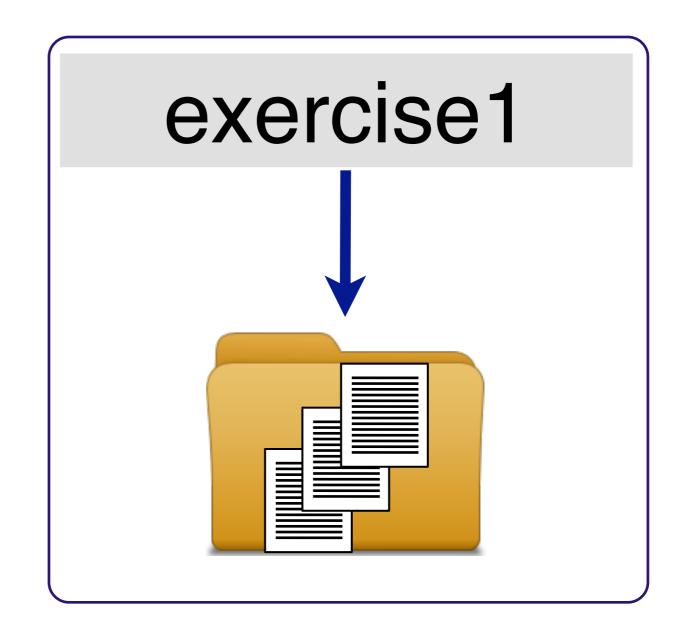




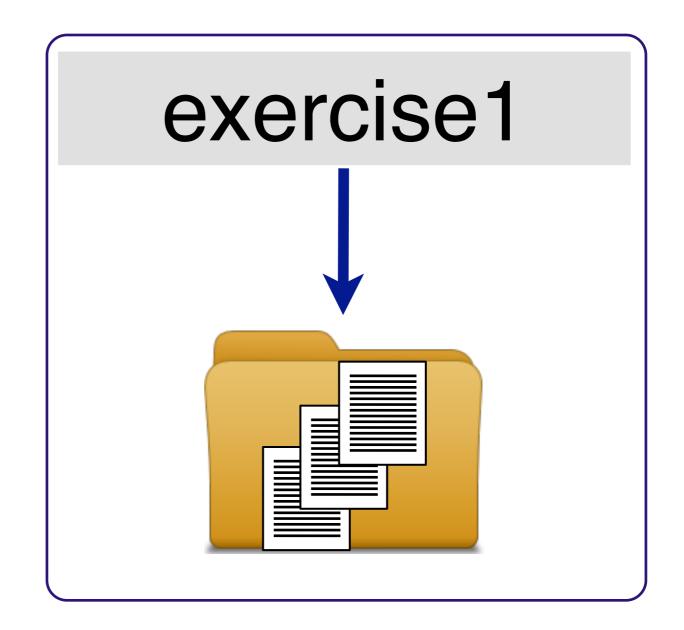


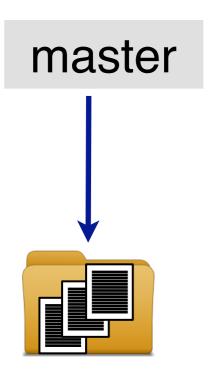
create branch

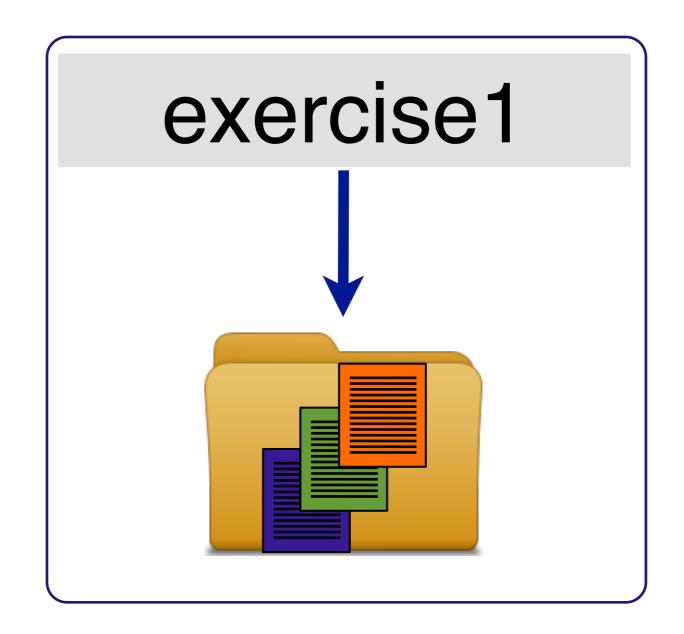




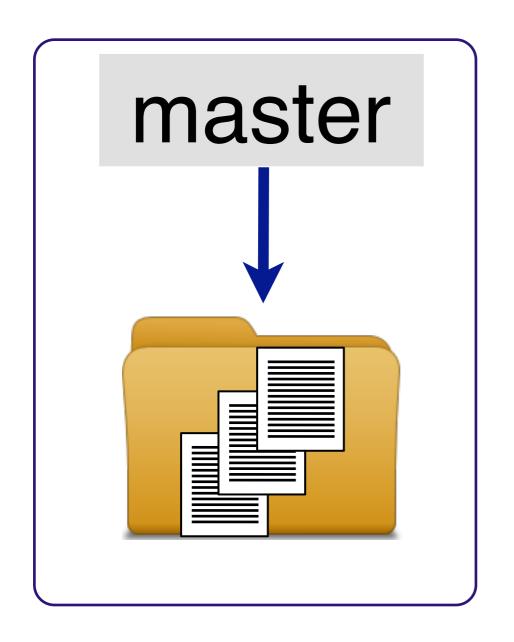
when switching branches the entire content of the folder is replaced

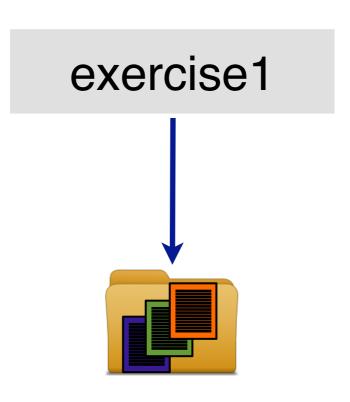




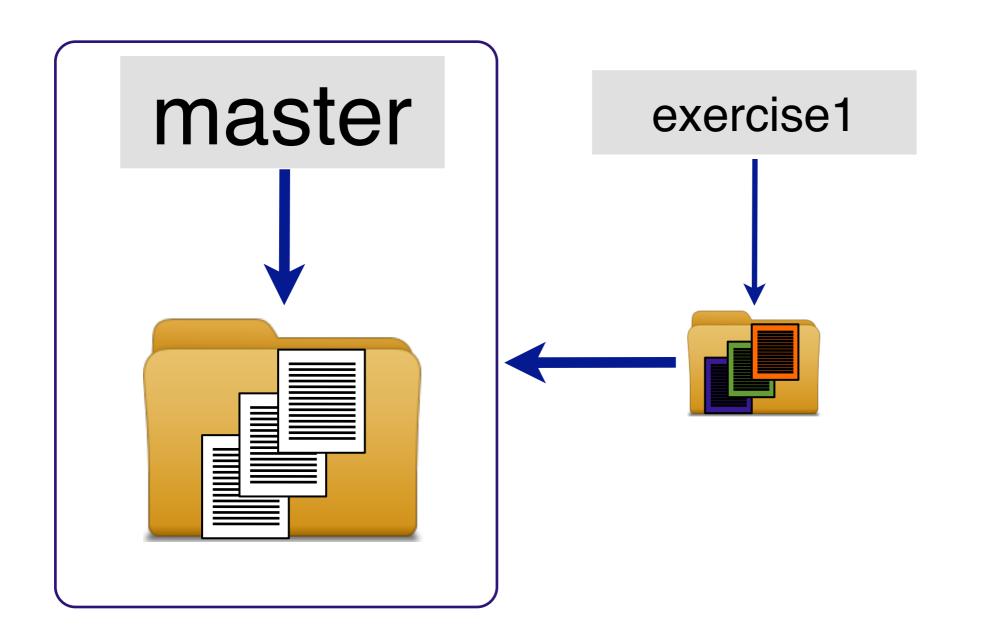


edit files in branch

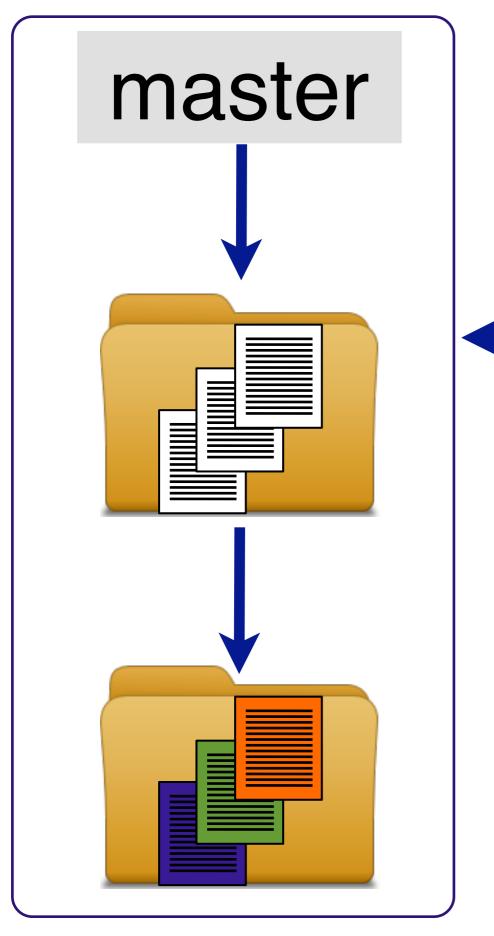


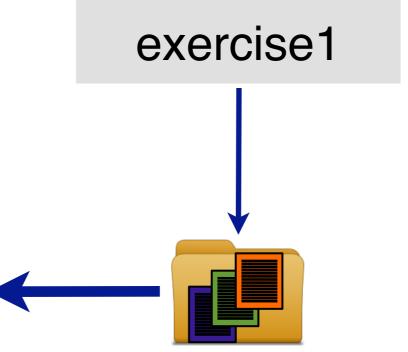


switch to master branch



merge with exercise1 branch



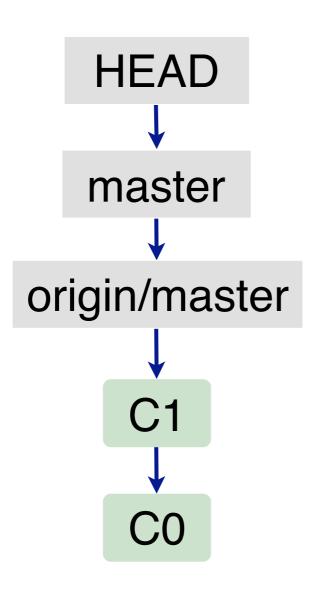


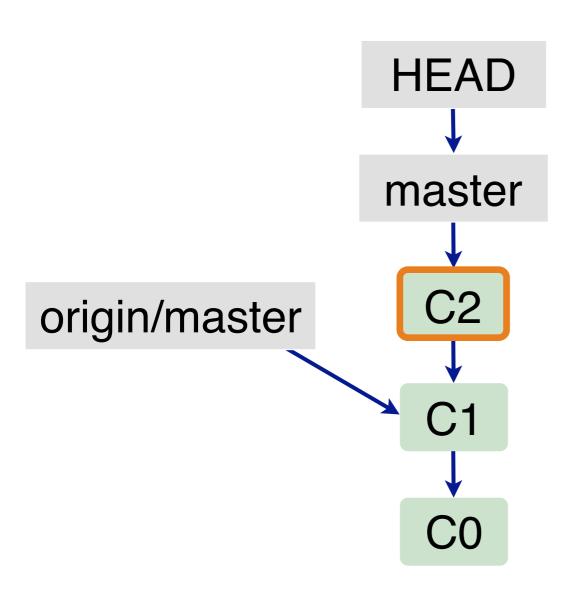
new version in master branch

only one branch is active at a time

and now branching in git

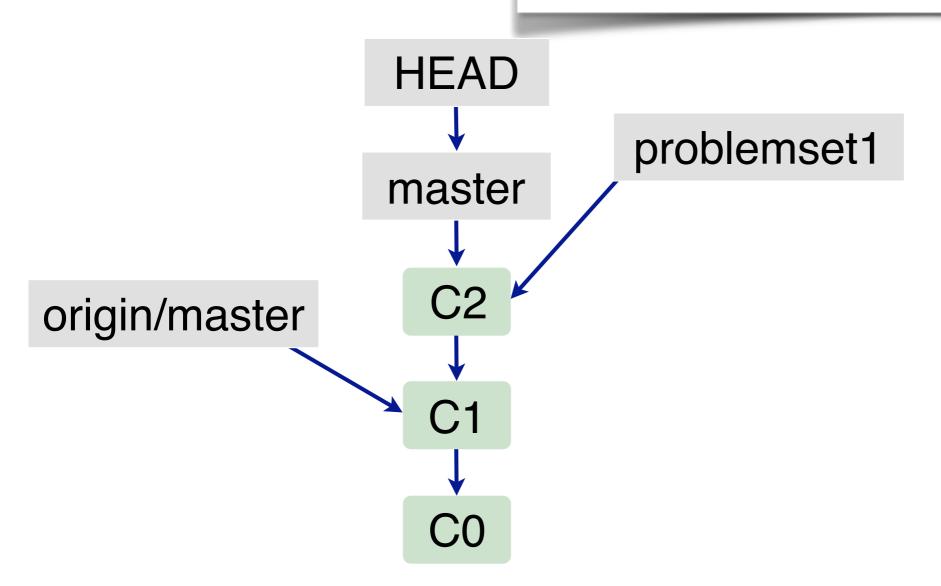
"origin" refers to the remote repo



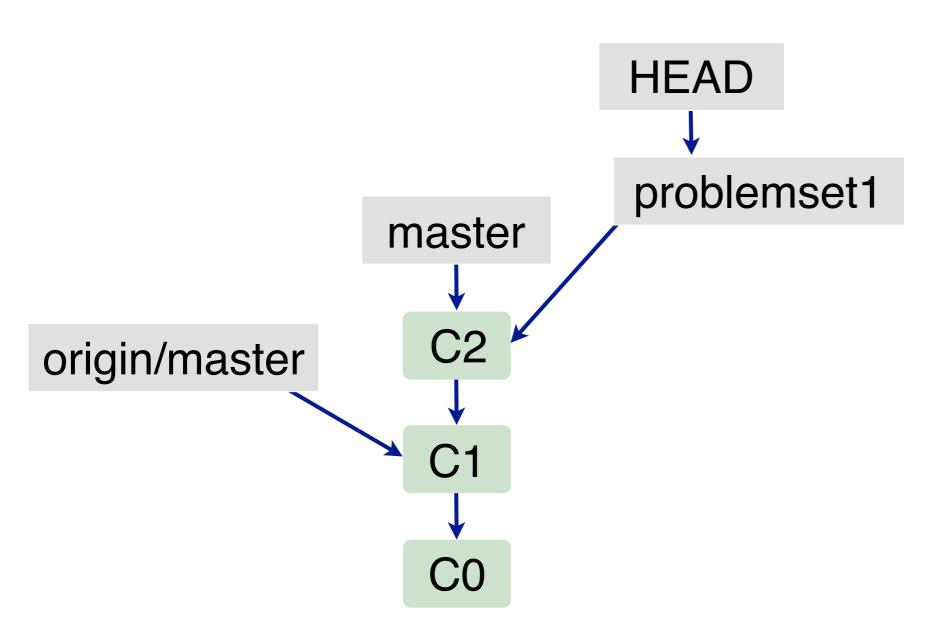


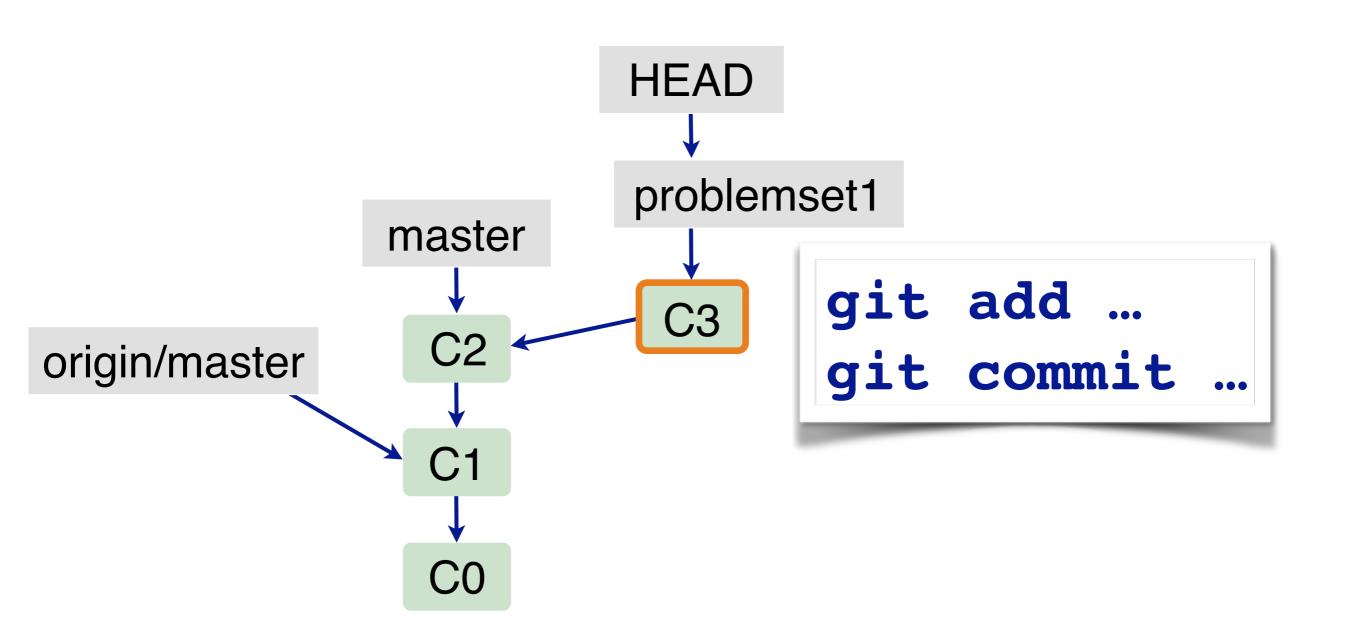
git add ...
git commit ...

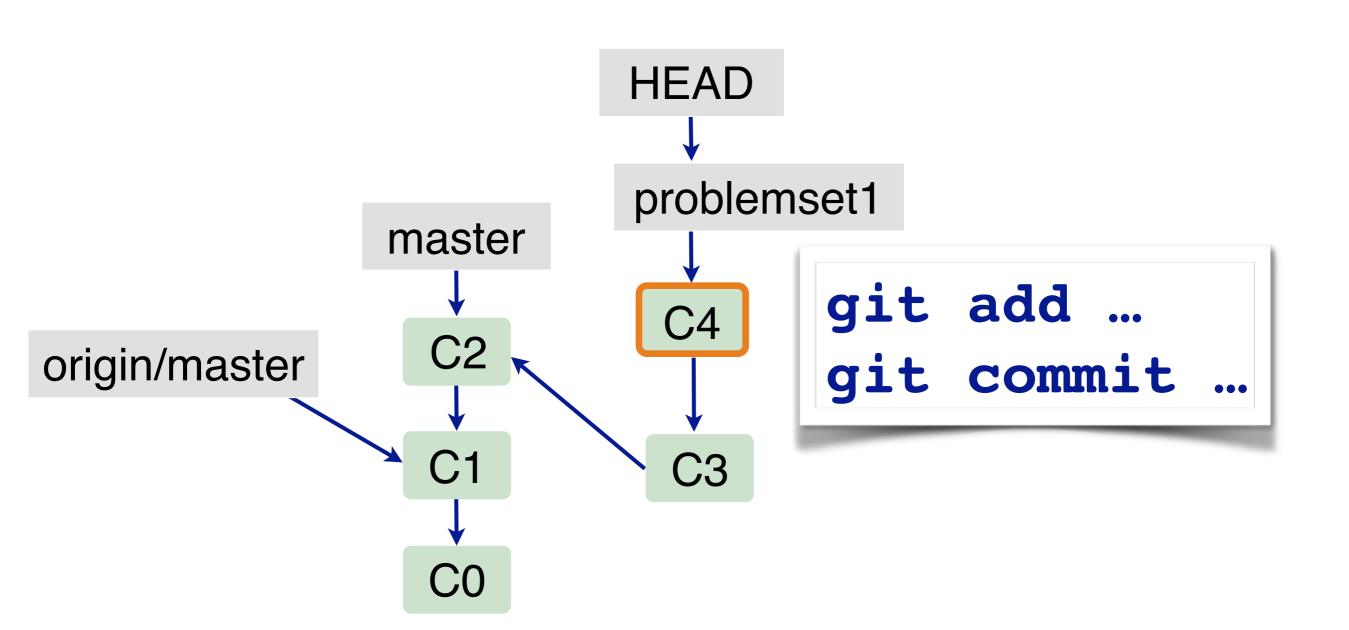
git branch problemset1



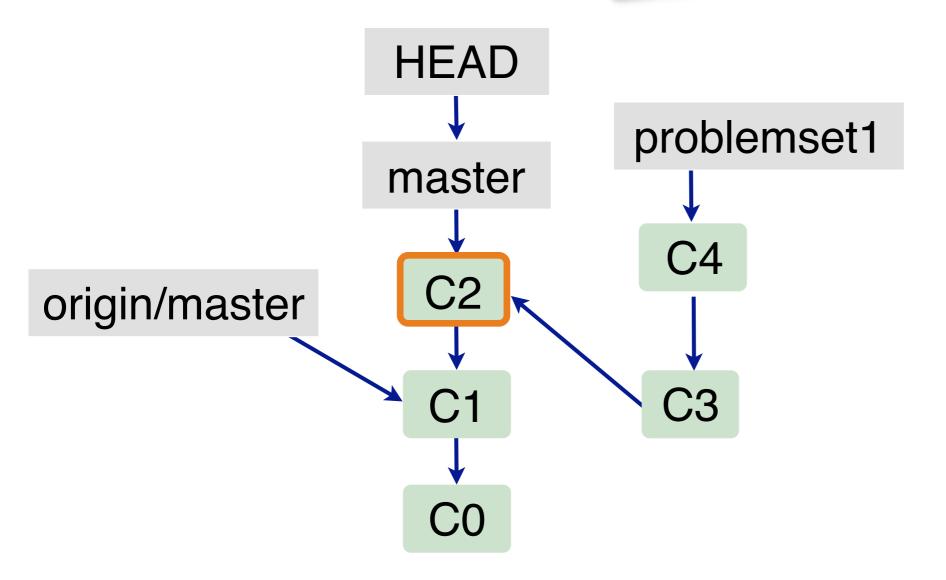
git checkout problemset1

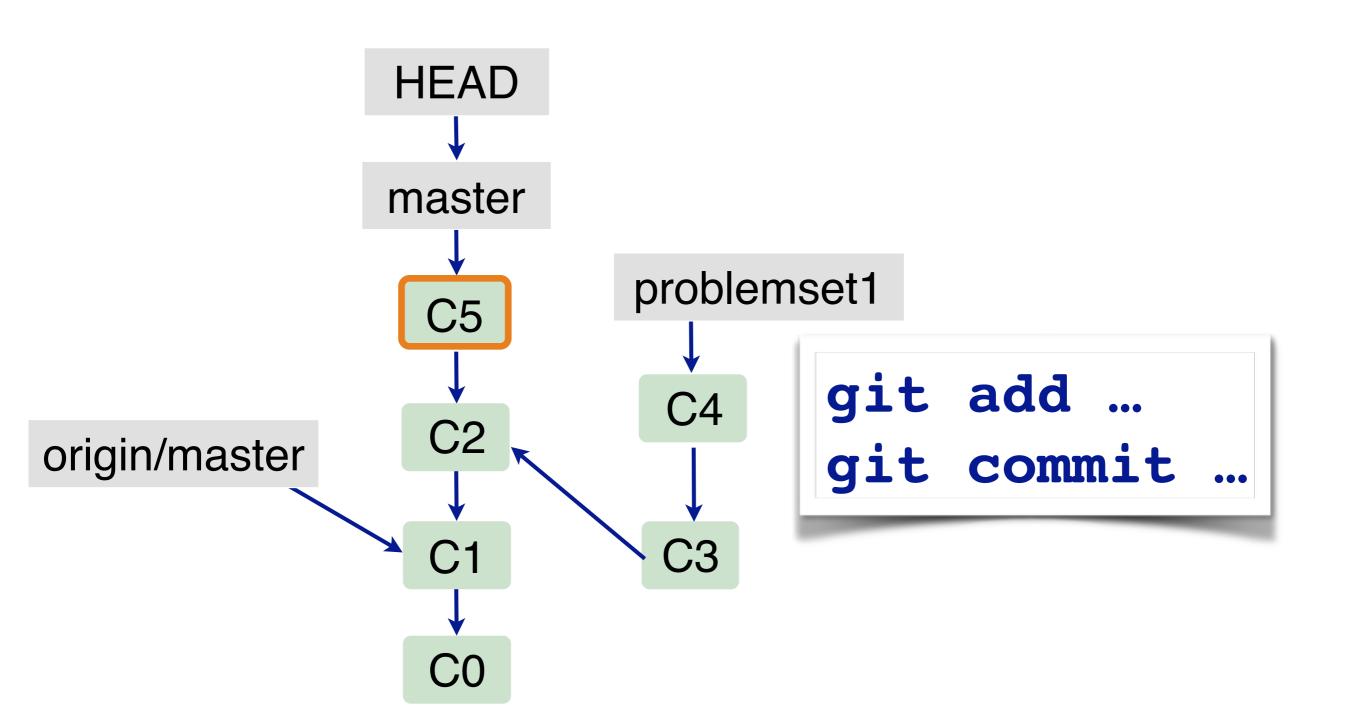


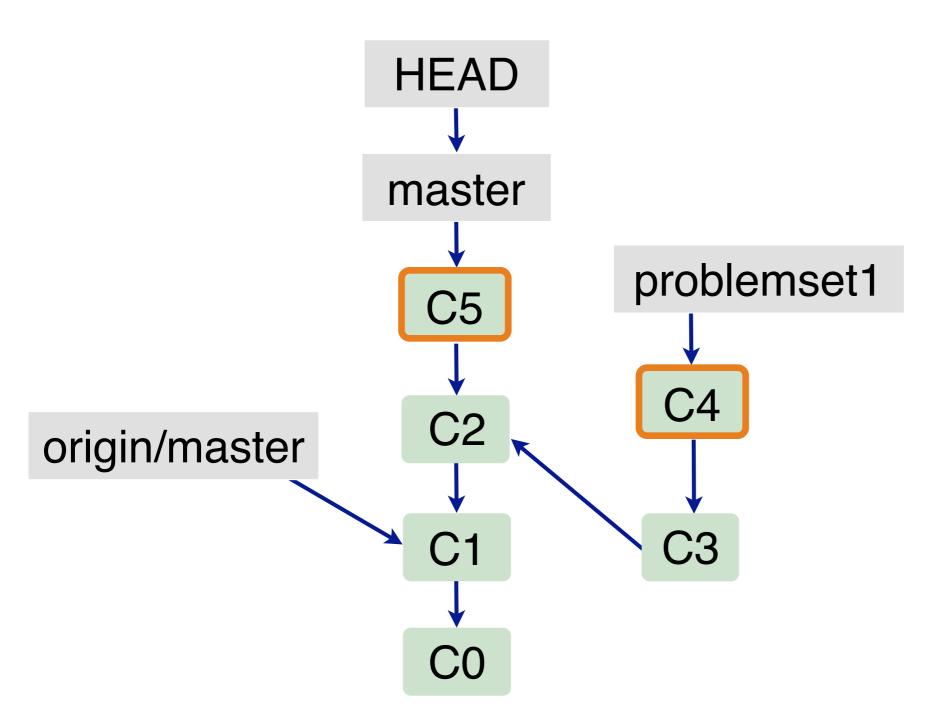


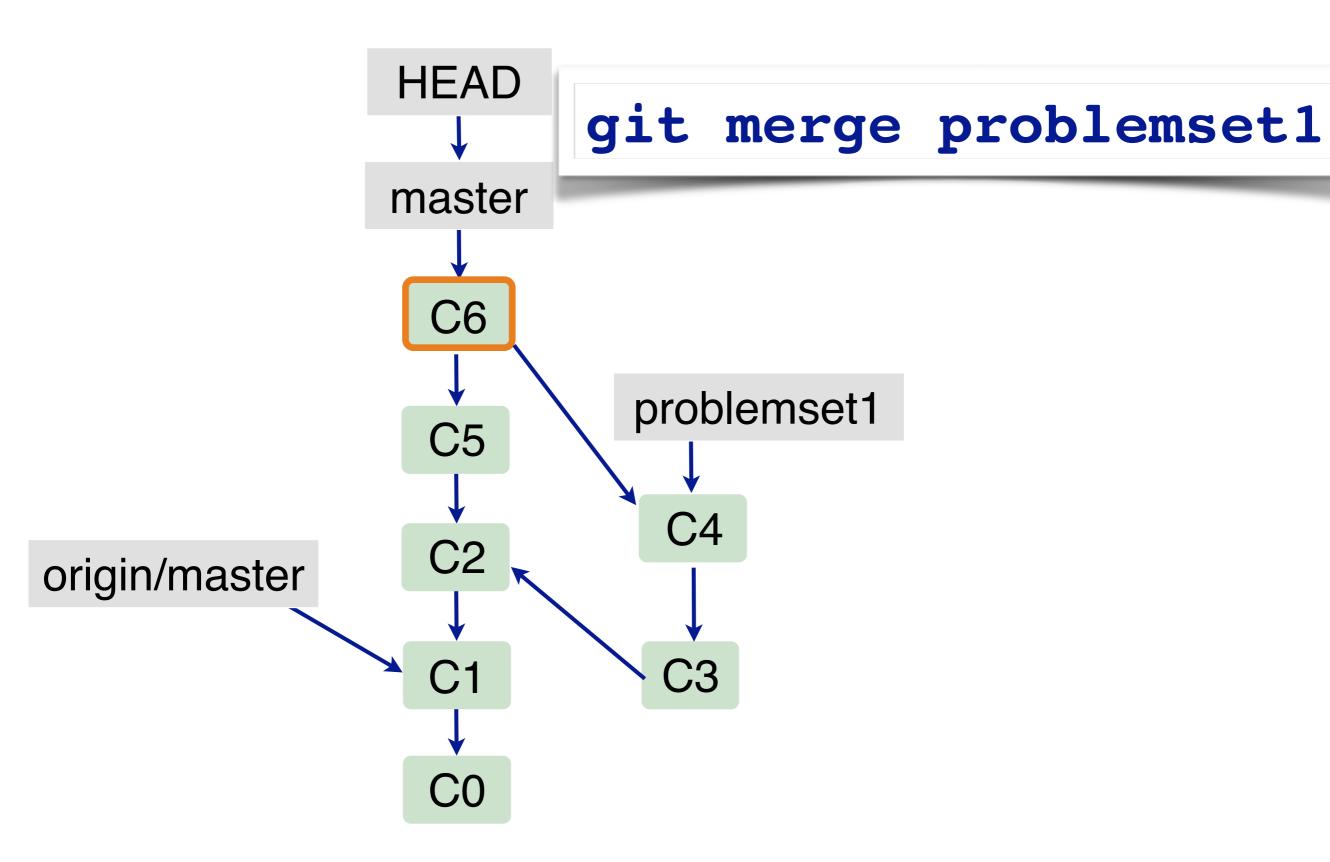


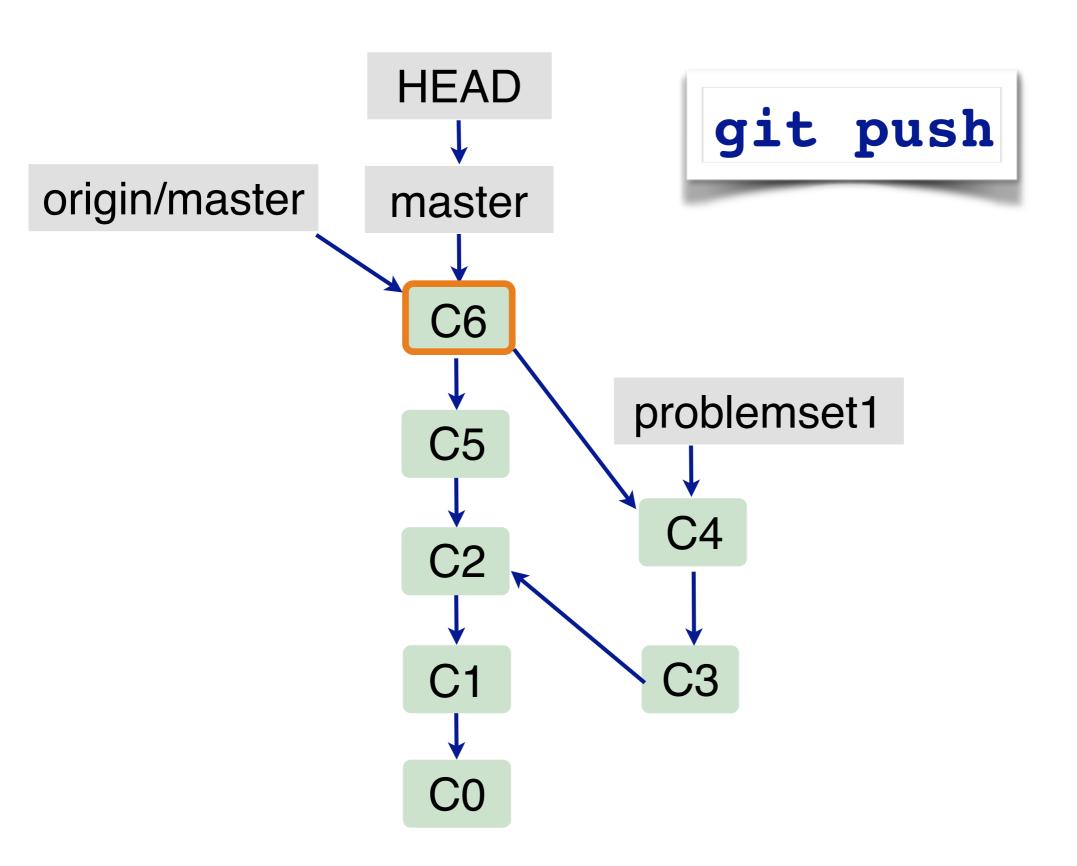
git checkout master











More to git

More to git ...

- > Merging and mergetool
- > Squashing commits when merging
- > Resolving conflicts
- > User authentication with ssh
- > gitx and other graphical tools
- > git configure remembering your name
- > git remote multiple remote repos
- > github an open source public repo
- > ...

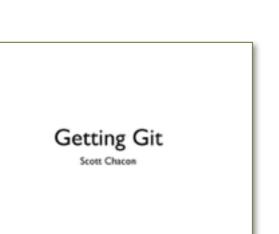


http://git-scm.com/

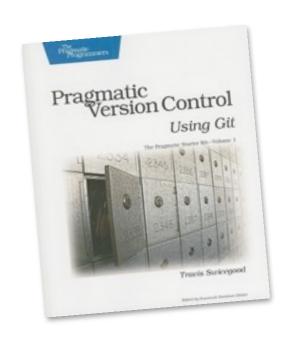
Resources



http://book.git-scm.com/index.html







http://www.slideshare.net/chacon/getting-git

http://oreilly.com/



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