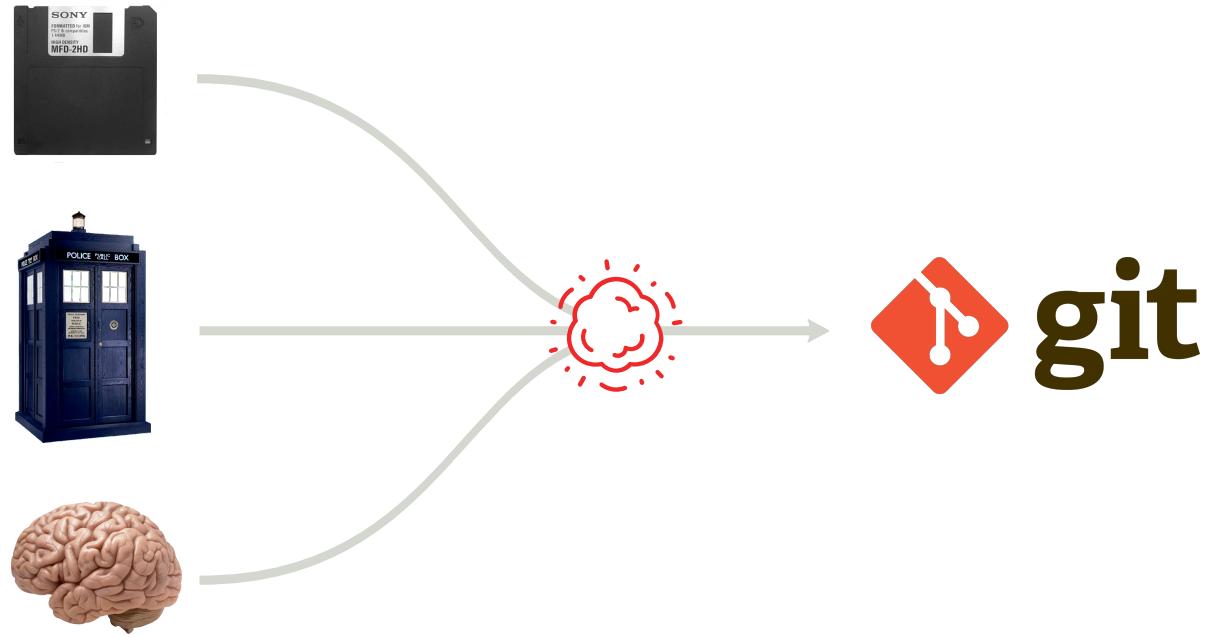


# git

## An overview



# "FINAL".doc



FINAL.doc!



Git is useful for...

... having a clean a proper versioning  
of your files



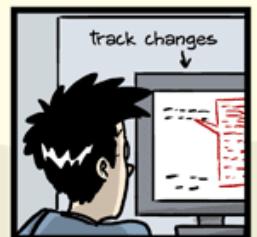
FINAL\_rev.2.doc



FINAL\_rev.6.COMMENTS.doc



FINAL\_rev.8.comments5.  
CORRECTIONS.doc



FINAL\_rev.18.comments7.  
corrections9.MORE.30.doc



FINAL\_rev.22.comments49.  
corrections.10.#@\$%WHYDID  
ICOMETOGRADSCHOOL???.doc



Git is useful for...  
... sandboxing your experiments

# Git is useful for...

... simultaneous editing of a file



Git is useful for...

... understanding how and why was some code built



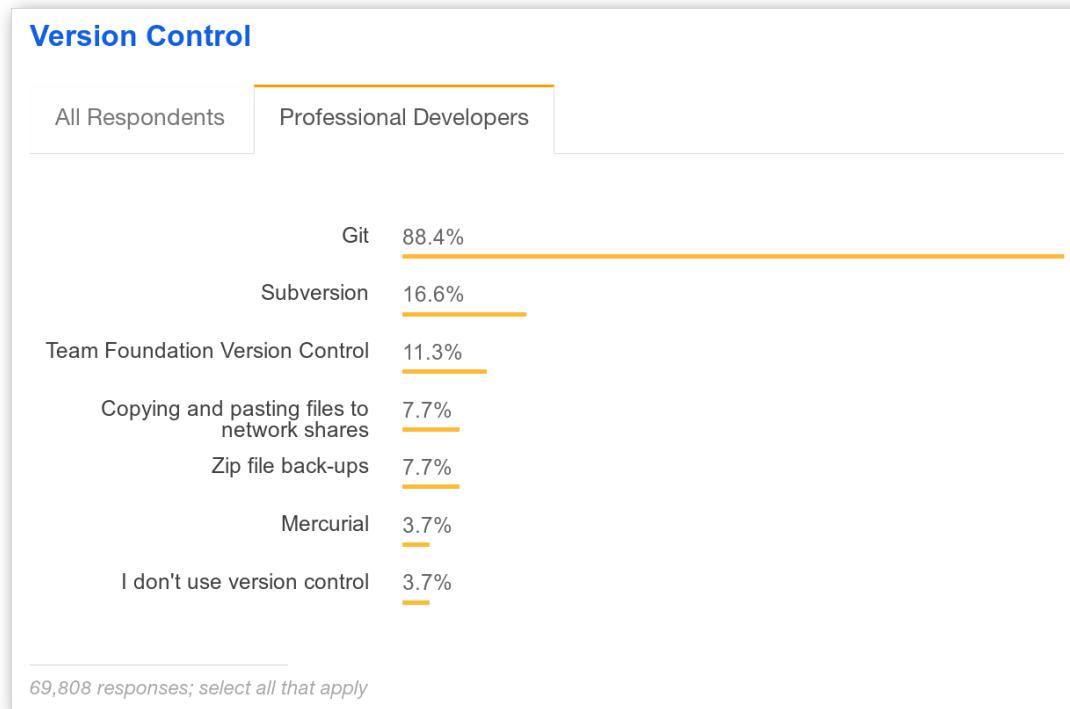
Git is useful for...

... having online back-ups of your work



# Version control system is a necessary tool for developpers

git is the de facto standard



# Git is a Version Control System

In other words: a save button coupled to a time machine – with a brain

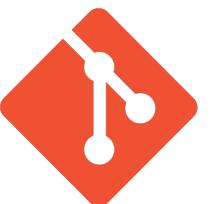
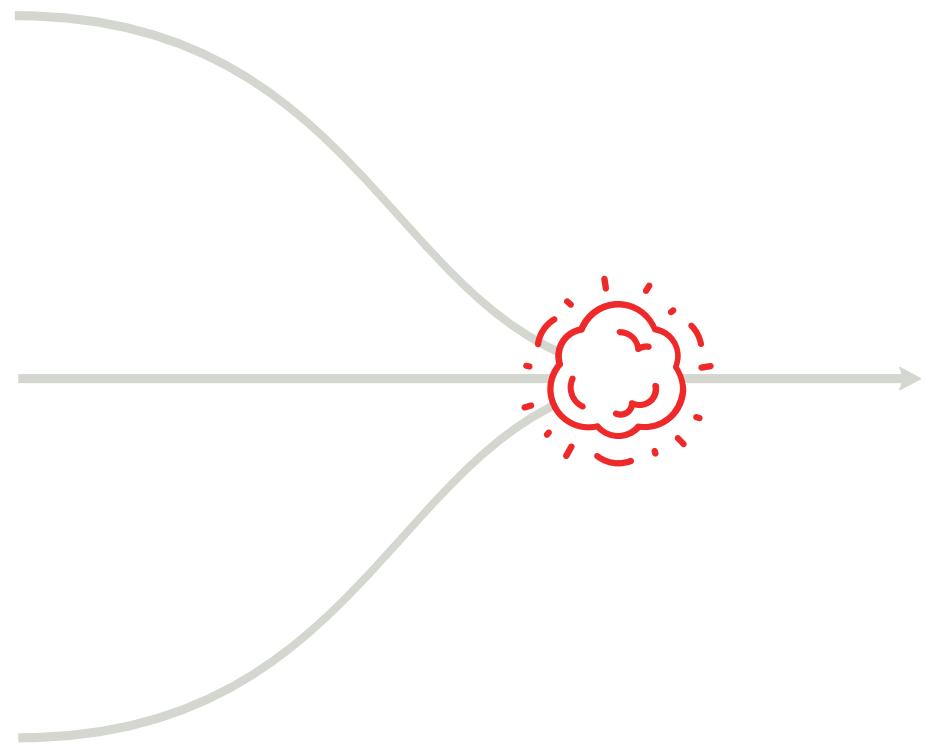
*git saves files  
modifications, ...*



*...enables you to browse  
through files histories...*



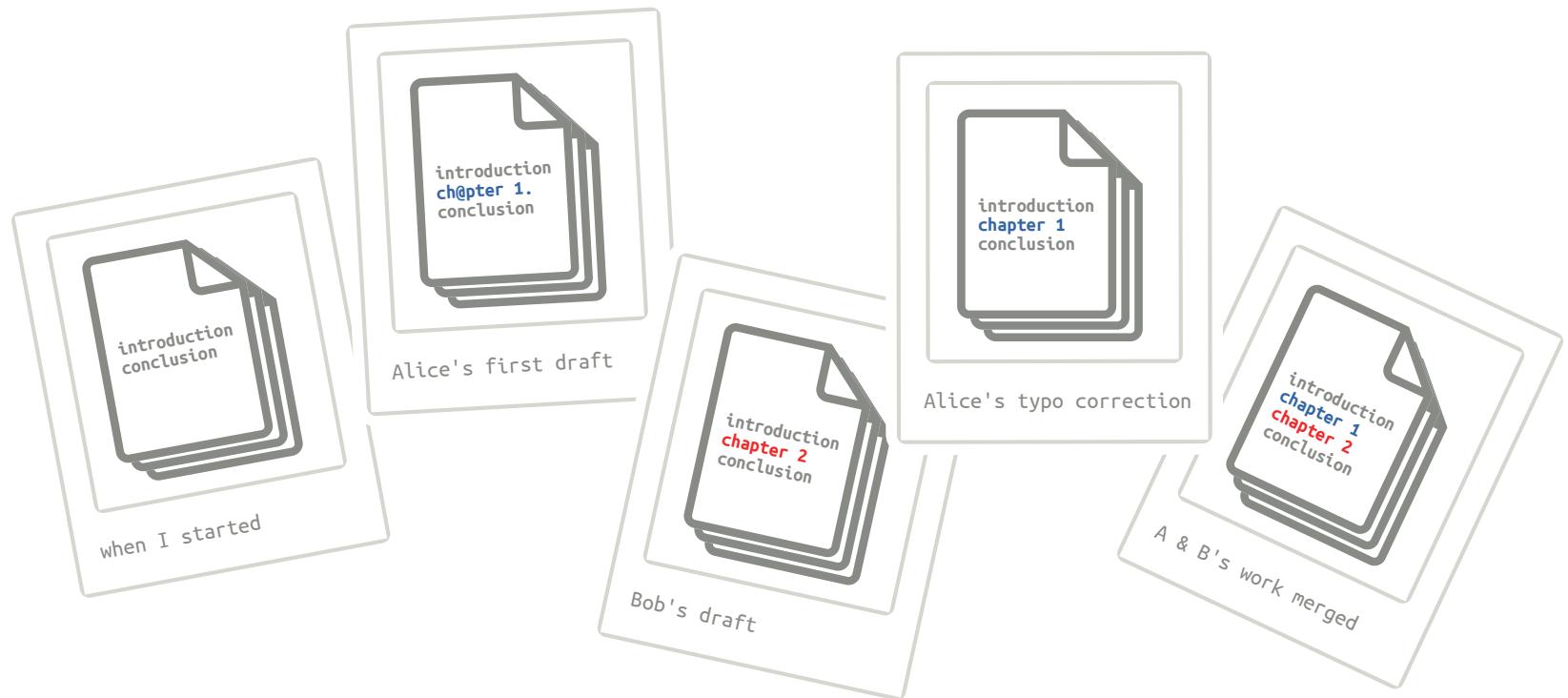
*...and is smart at putting  
pieces back together.*



**git**

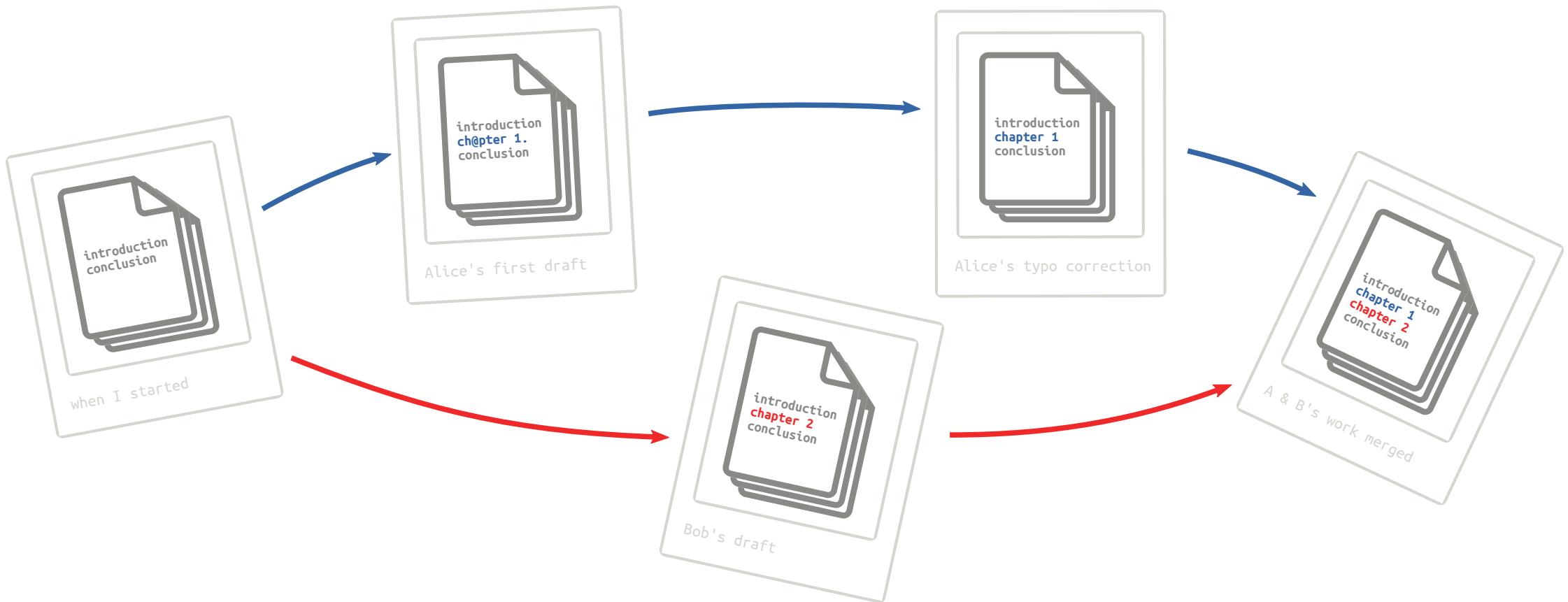
# Git works by...

...letting you save successive "snapshots" of your files



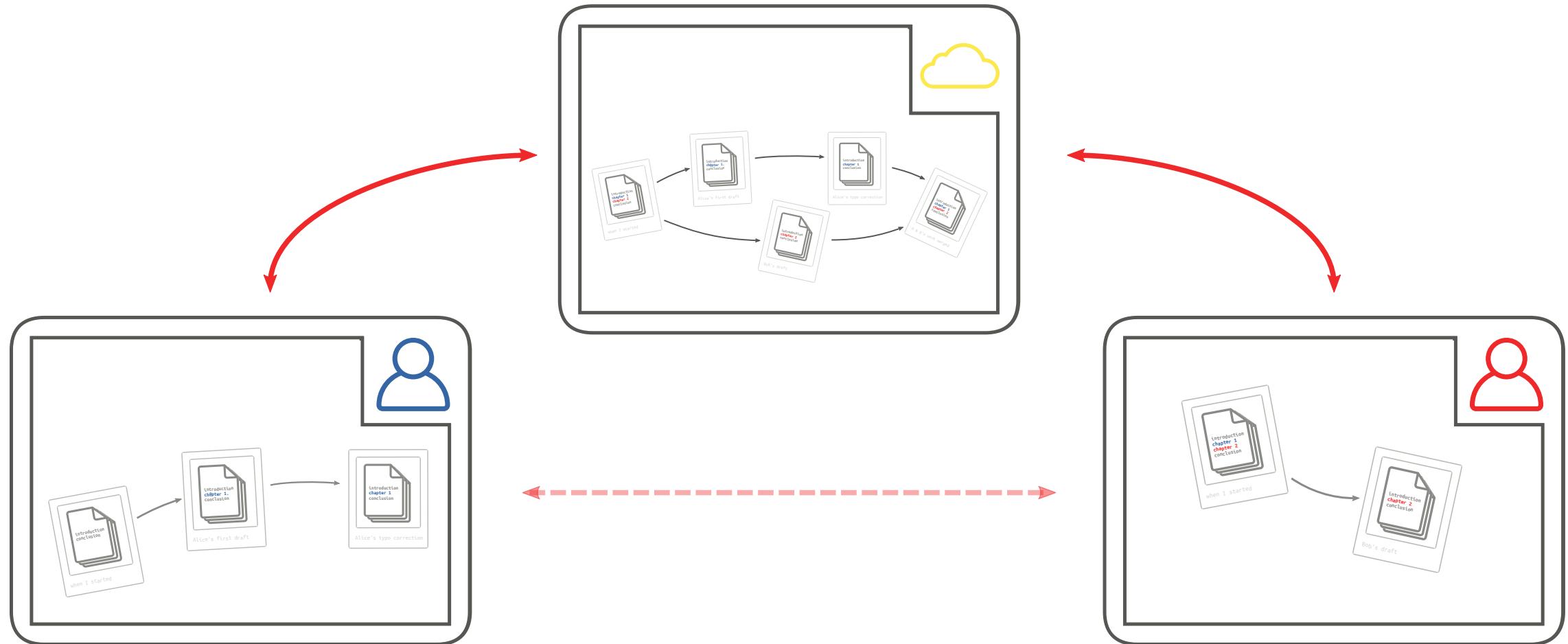
# Git works by...

...remembering the various timelines of your work



# Git works by...

...enabling you to share and mix "distributed" timelines



When learning git, keep in mind...

...that git works best with text files



When learning git, keep in mind...

...not to mistake git with GitHub, GOGS, and GitLab, or with SourceTree, GitKraken, etc.

*what it is*

version control systems  
(VCS)

social and web-hosting  
services for VCS

git GUI client

*what it does*

manages the changes made  
to files, and their  
versions

saves "timelines" online,  
and eases collaboration  
via graphical tools

allows you to use git  
graphically (and not  
via the terminal)

*who they are*



⋮



⋮



⋮

When learning git, keep in mind...

*...that the learning curve will soon be flat!*

*a dozen of  
commands*

