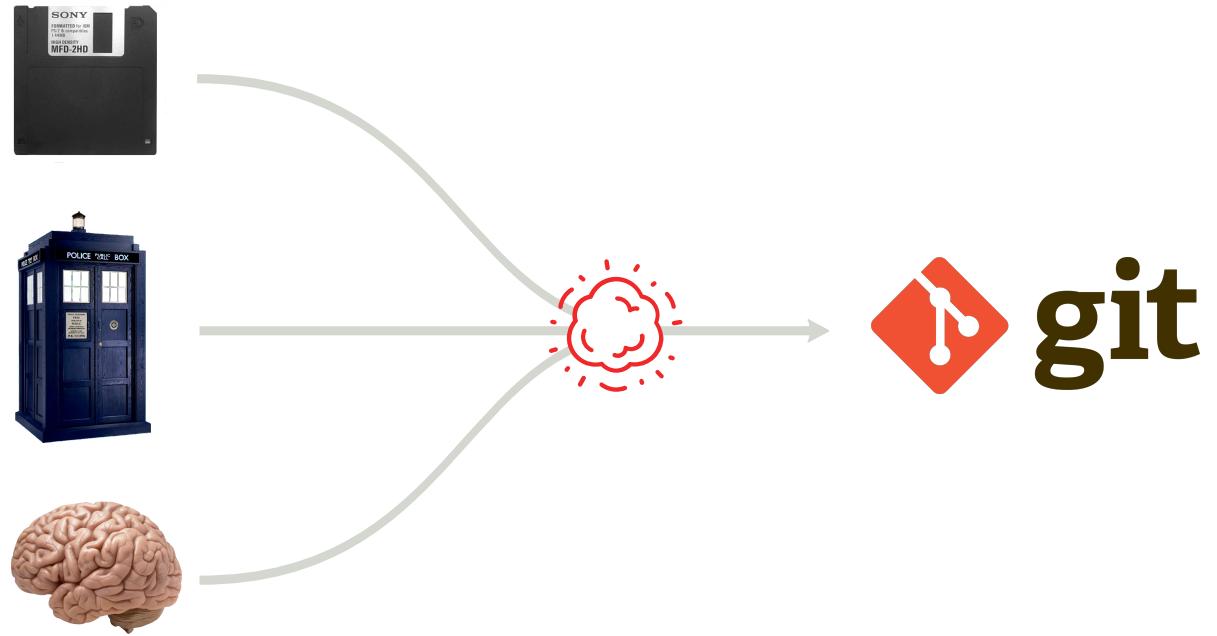


git

An overview



THE EXPERT'S VOICE®

SECOND EDITION

Pro Git

*EVERYTHING YOU NEED TO
KNOW ABOUT GIT*

Scott Chacon and Ben Straub

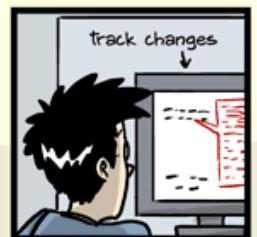
Apress®

kthxbye

there is no need to stay

git-scm.com/book/en/v2

"FINAL".doc



Git is useful for...

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



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



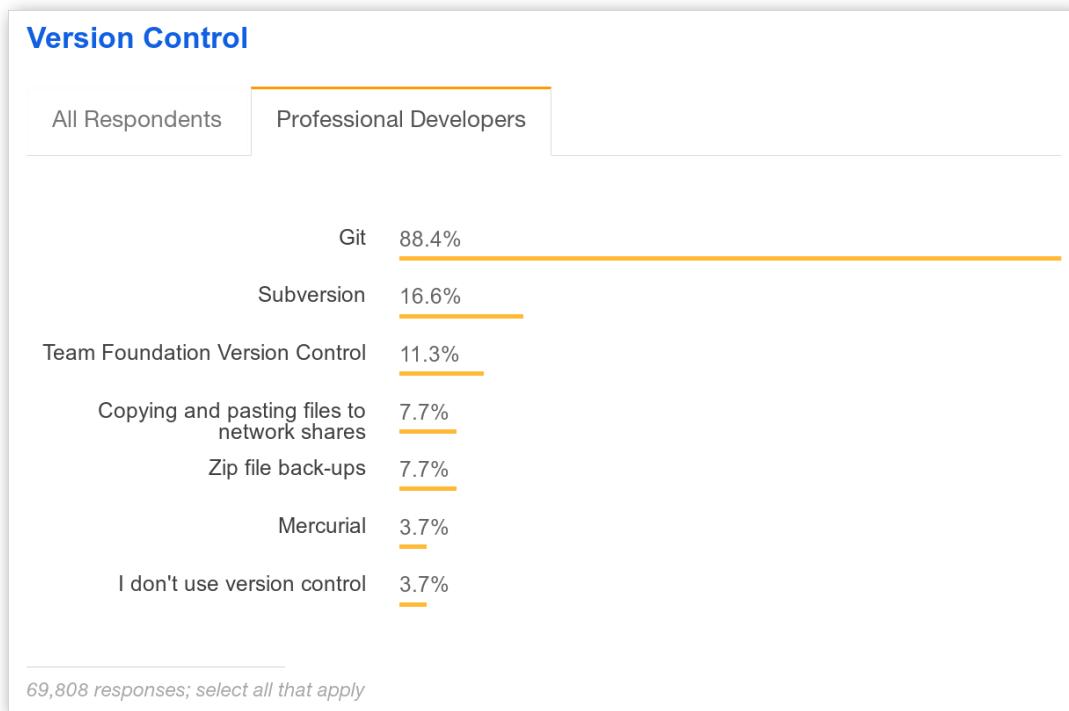
Git is useful for...

... 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

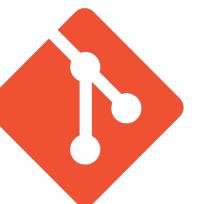
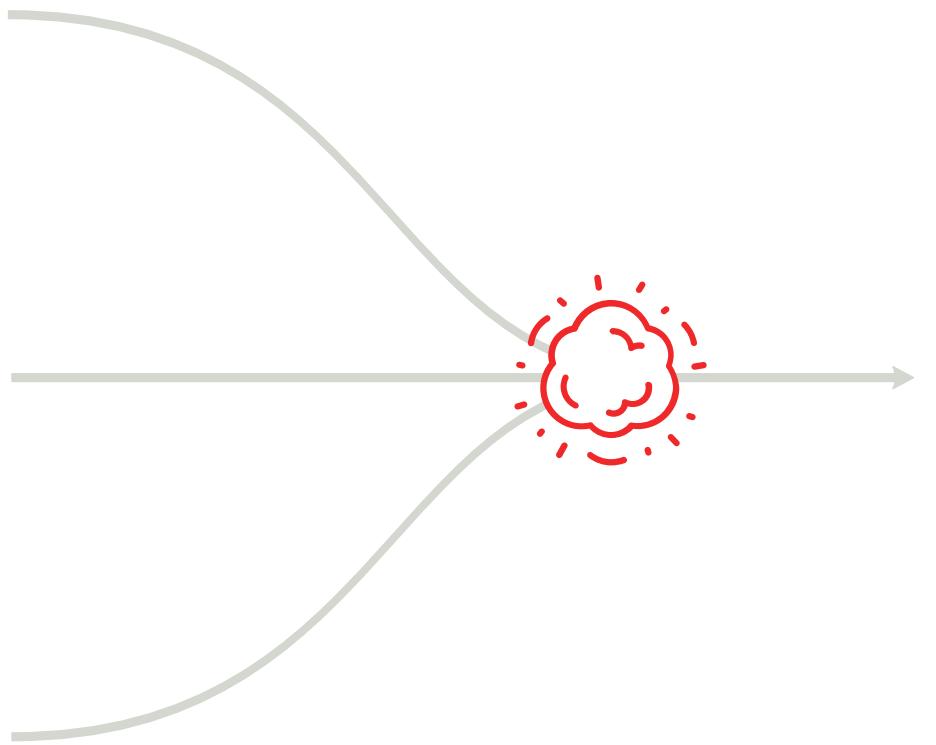
*git saves files
snapshots, ...*



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



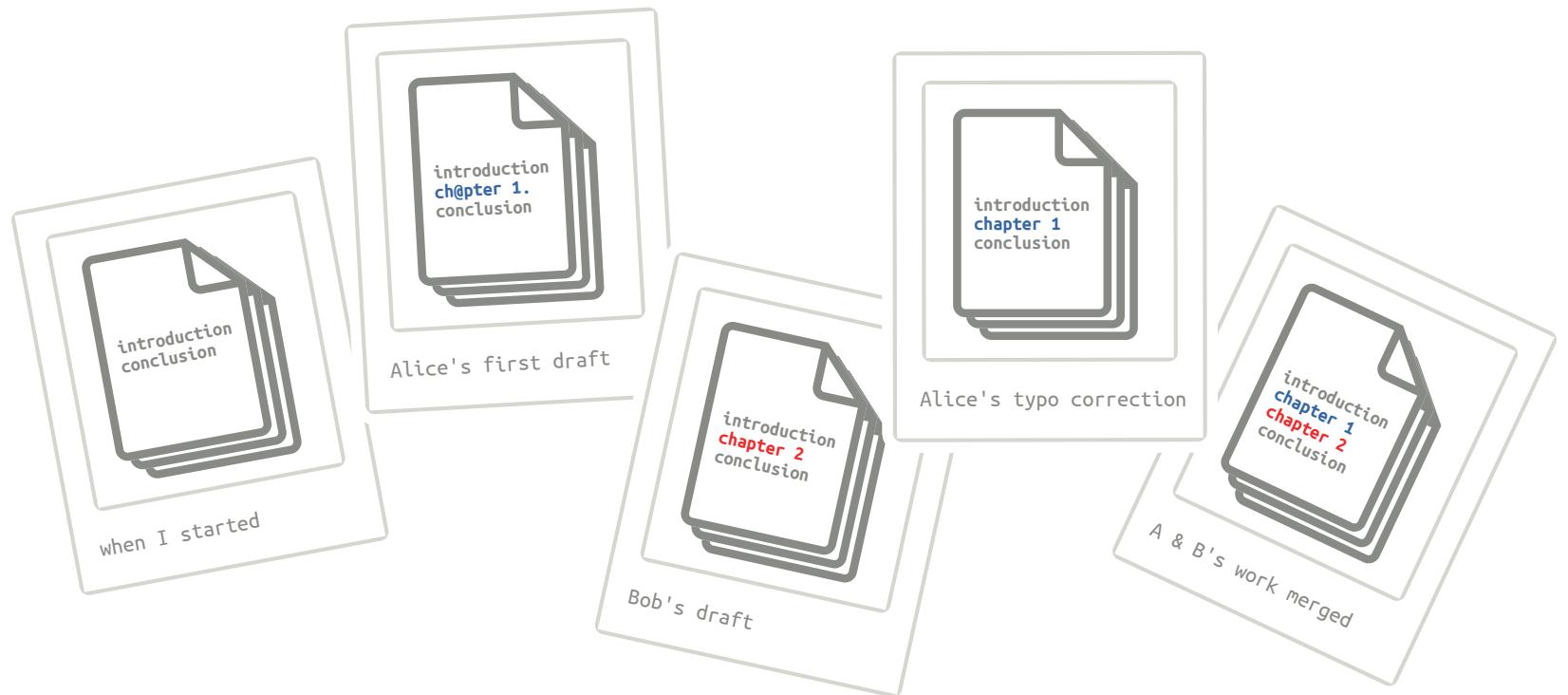
*...and is smart at putting
pieces back together.*



git

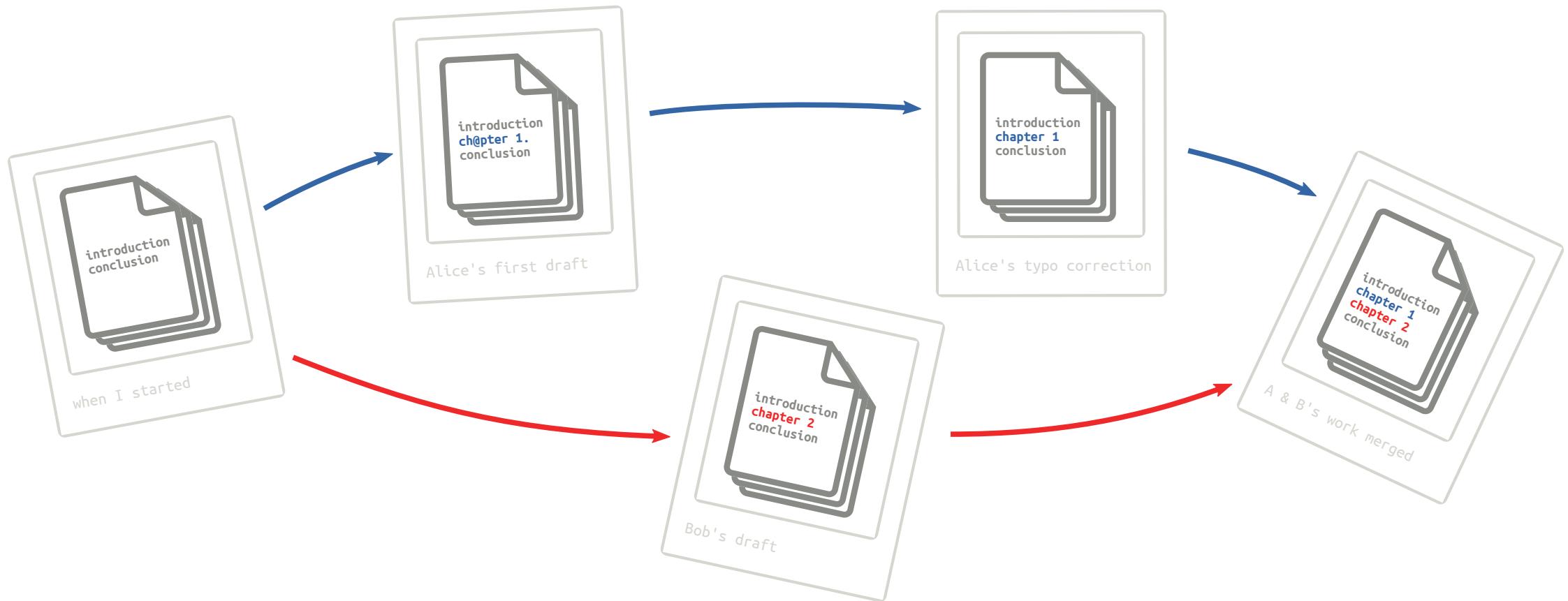
Git works by...

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



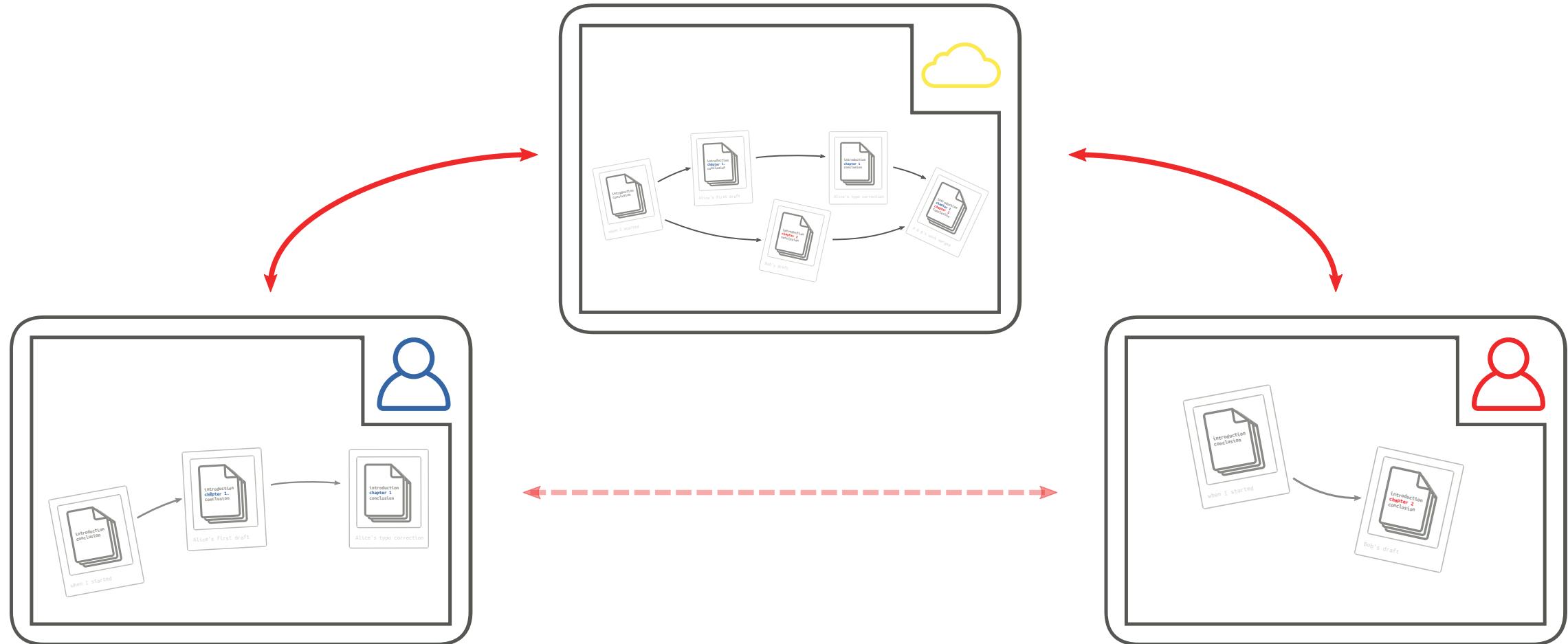
Git works by...

...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, and GitLab, or with GH Desktop, GitKraken, etc.

what it is

version control systems
(VCS)

what it does

manages the changes made
to files, and their
versions

who they are



⋮

git GUI client

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



⋮

social and web-hosting
services for VCS

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



⋮

When learning git, keep in mind...

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

*a dozen of
commands*

