

website: vanderbi.lt/github

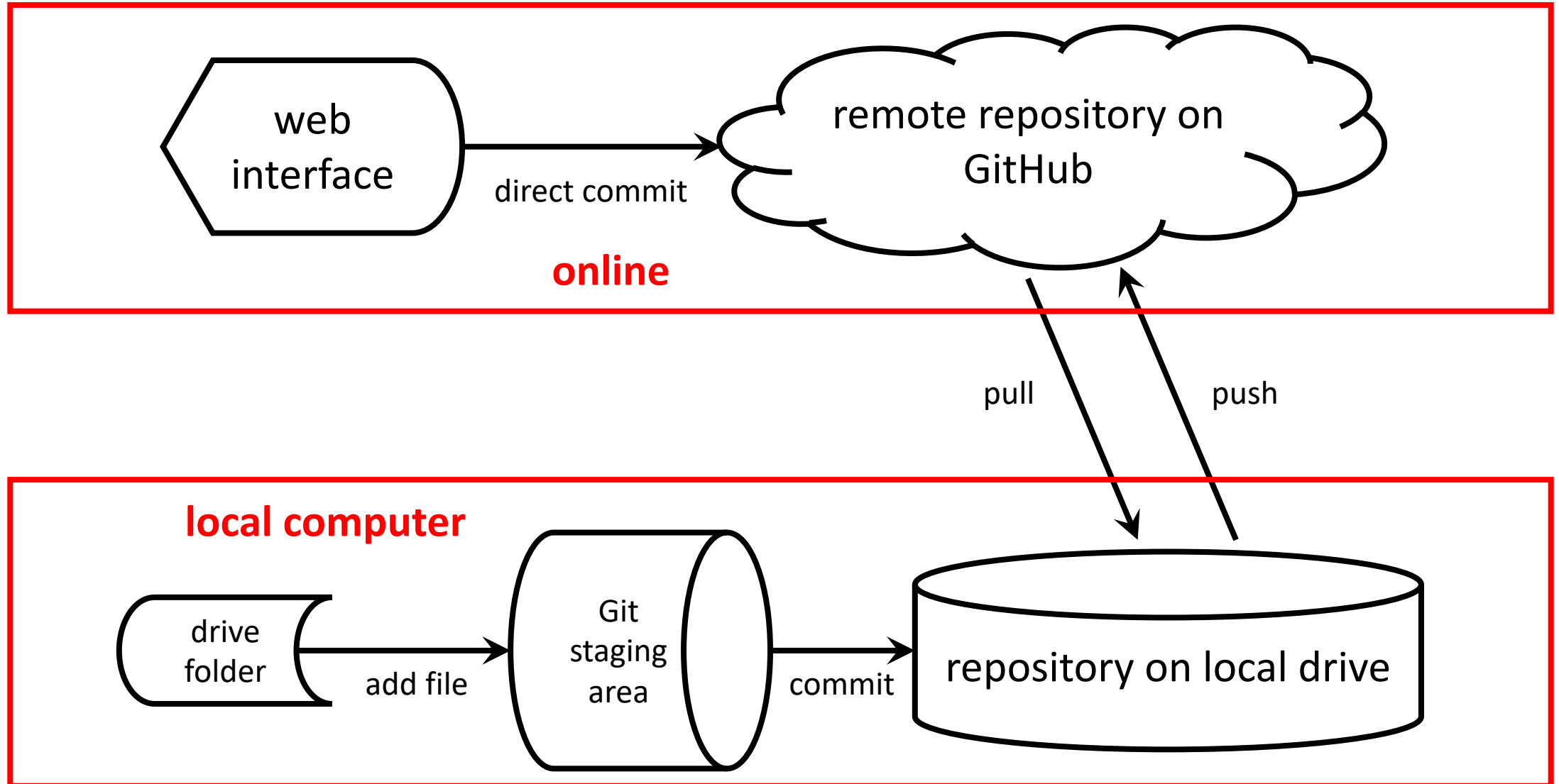
Git and GitHub terms and diagrams

Presenter: Steve Baskauf
steve.baskauf@vanderbilt.edu

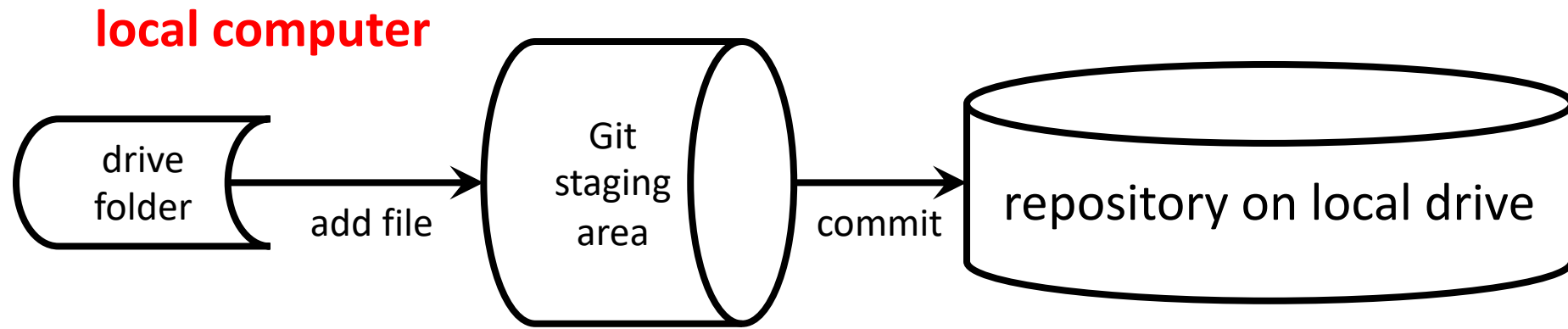


Jean & Alexander Heard
LIBRARIES

The World of Git and GitHub



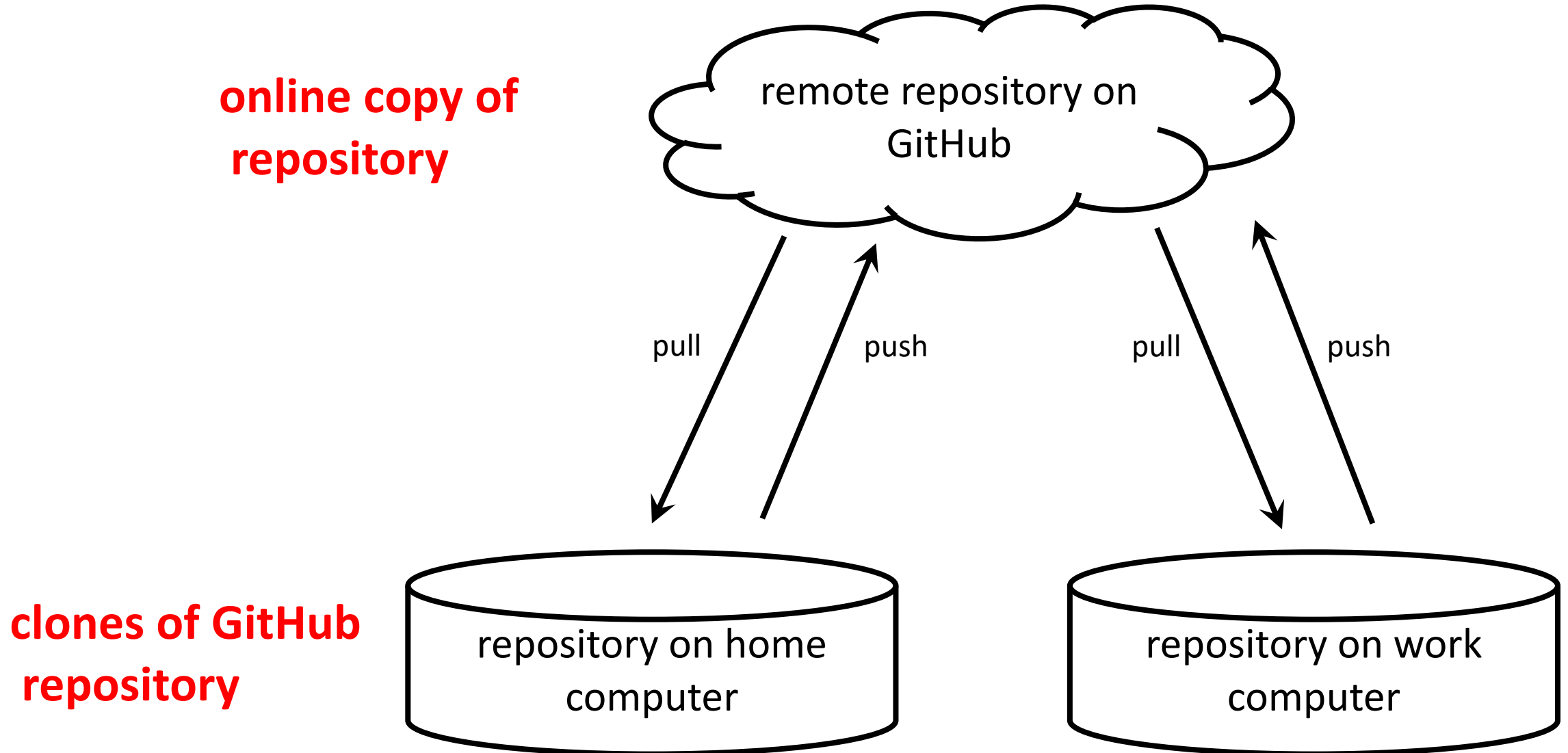
Local version control for disaster prevention



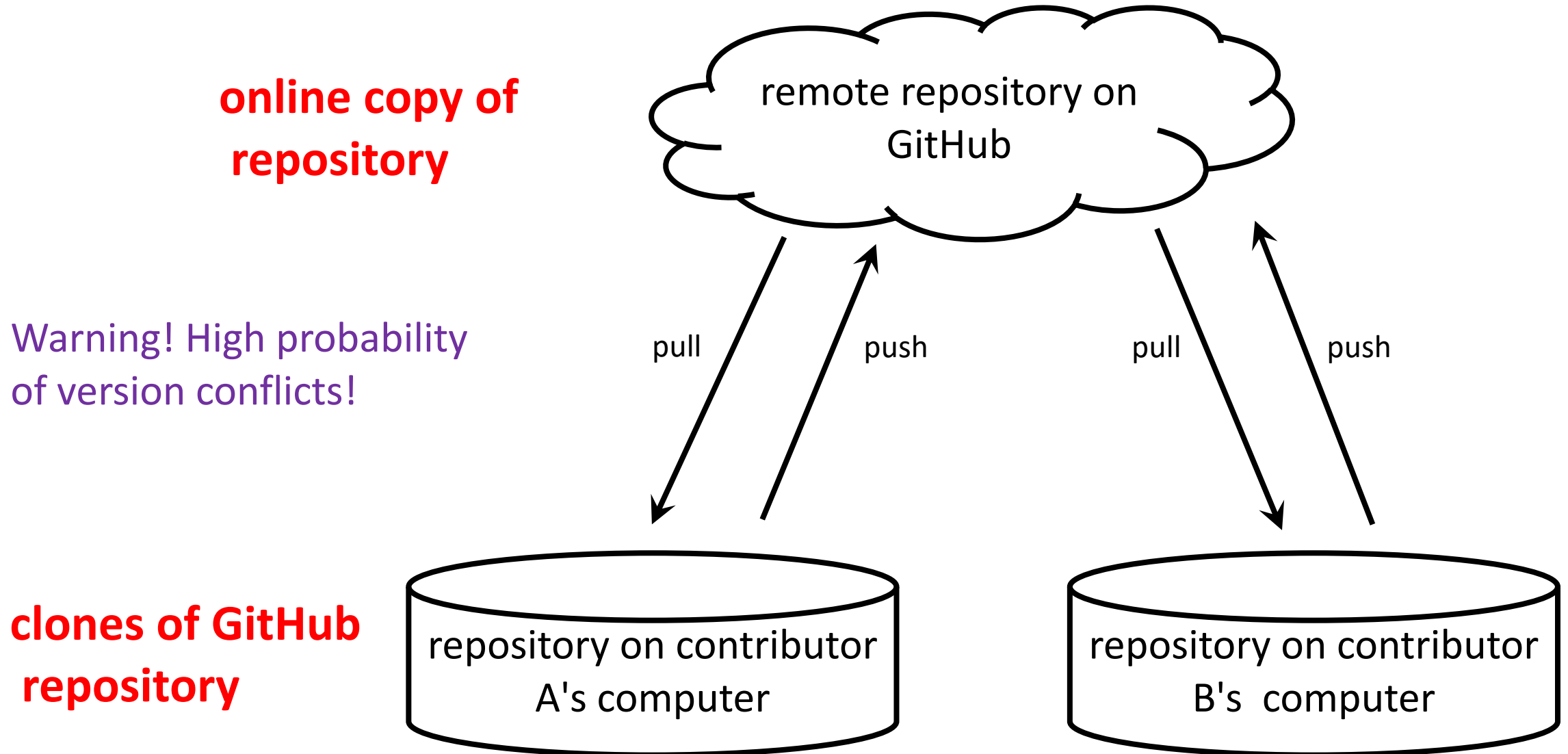
Variation in use of GitHub

- Depends on number of collaborators in the group
- Depends on who has write access to the repository
- Depends on social conventions established by the group

Disaster prevention via synching with GitHub (1 user)

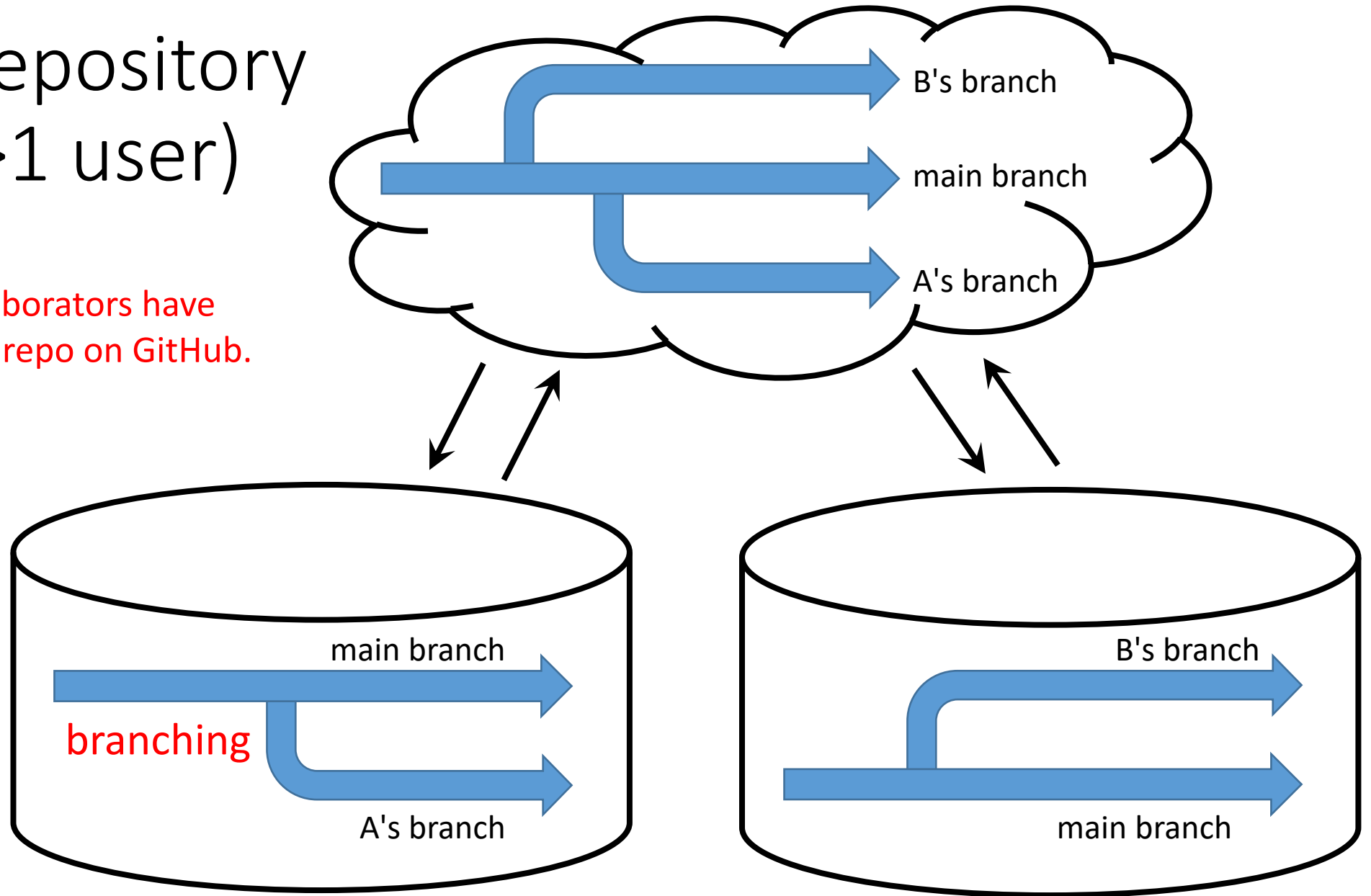


Simple collaboration (>1 user)



Shared repository model (>1 user)

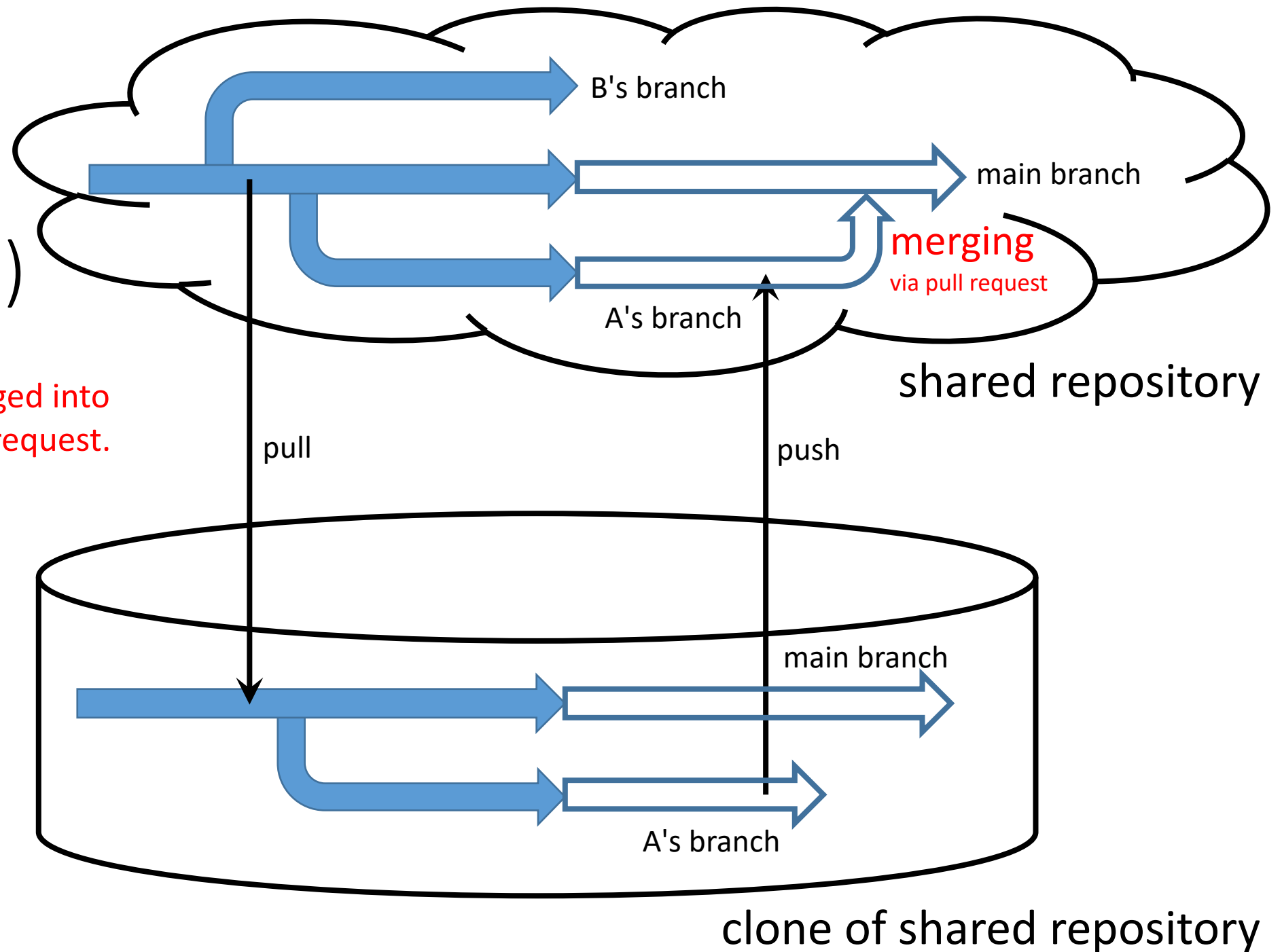
Used when all collaborators have write access to the repo on GitHub.



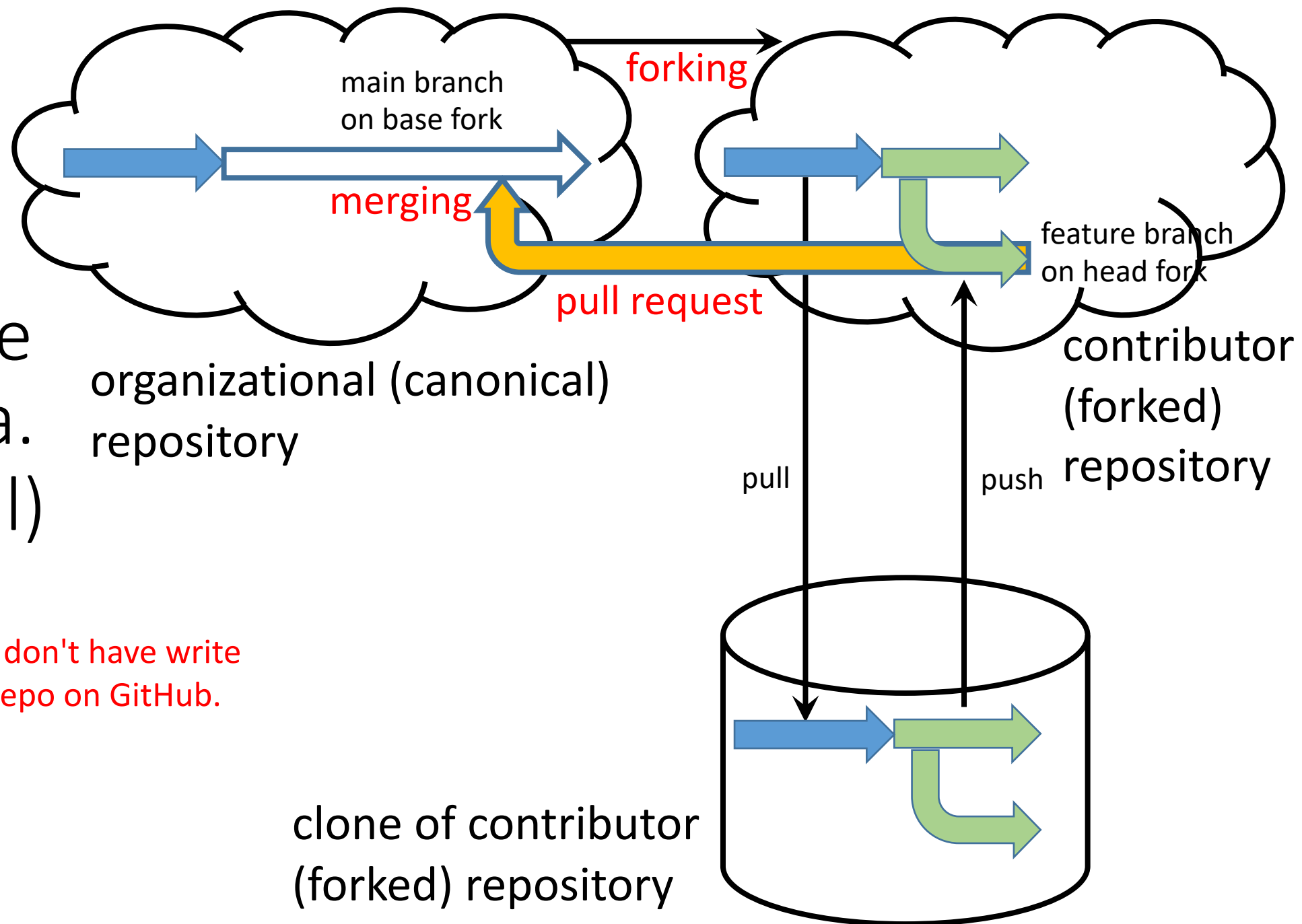
Version conflicts avoided when working on separate branches

GitHub flow (social conventions)

Working branch is merged into
main branch via a pull request.

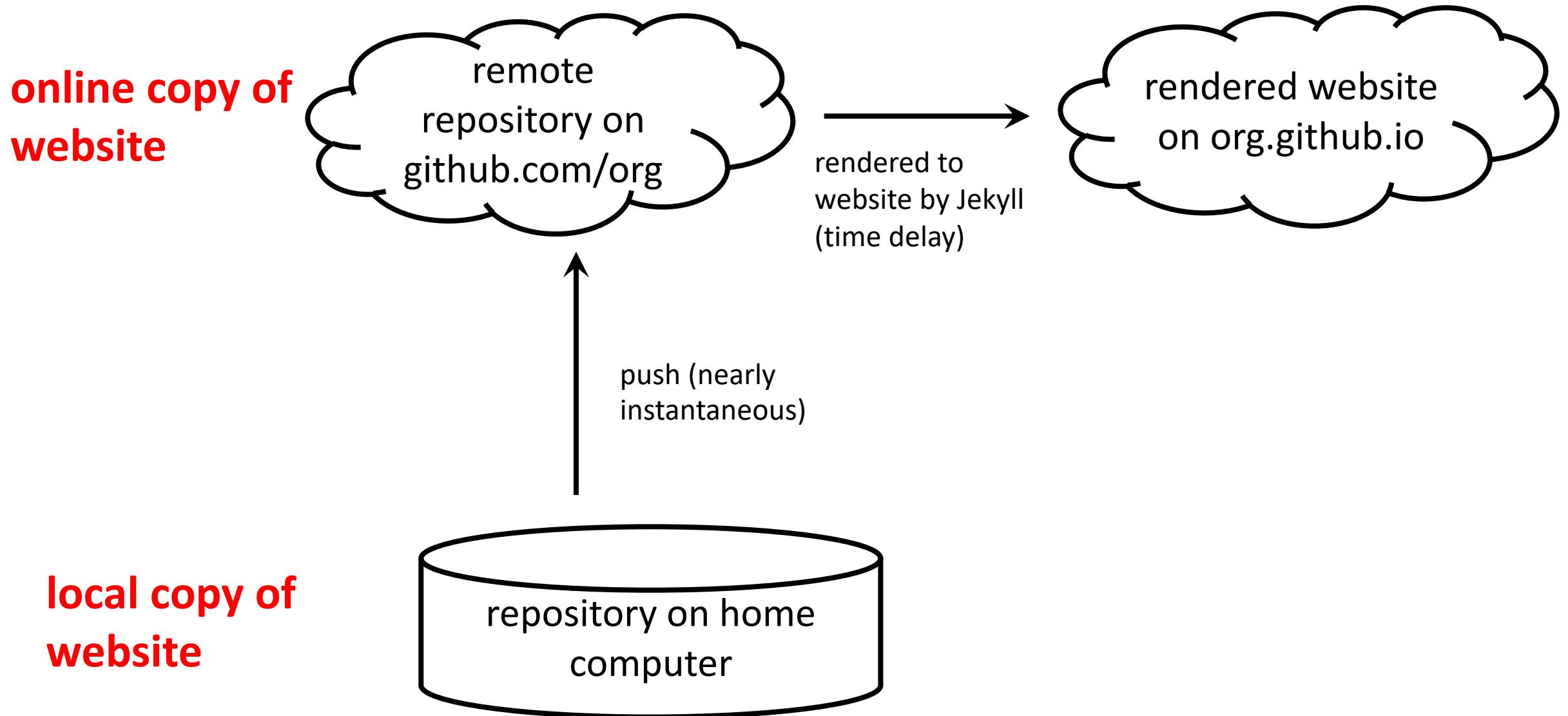


Open Source model (a.k.a. fork and pull)



Used when contributors don't have write
access to the canonical repo on GitHub.

Managing a website using GitHub Pages (single user)



Cloning a repo to the desktop

