

Your laptop

Local Repo 1

Your Project aka
Your Files

Staging Area aka
Changes to be committed

Commits aka
Saved changes

Local copy of
Tim's repo

The Cloud aka GitHub

Your GitHub Account

Repo 1

Repo 2

Tim's GitHub Account

Tim's repo

PULL

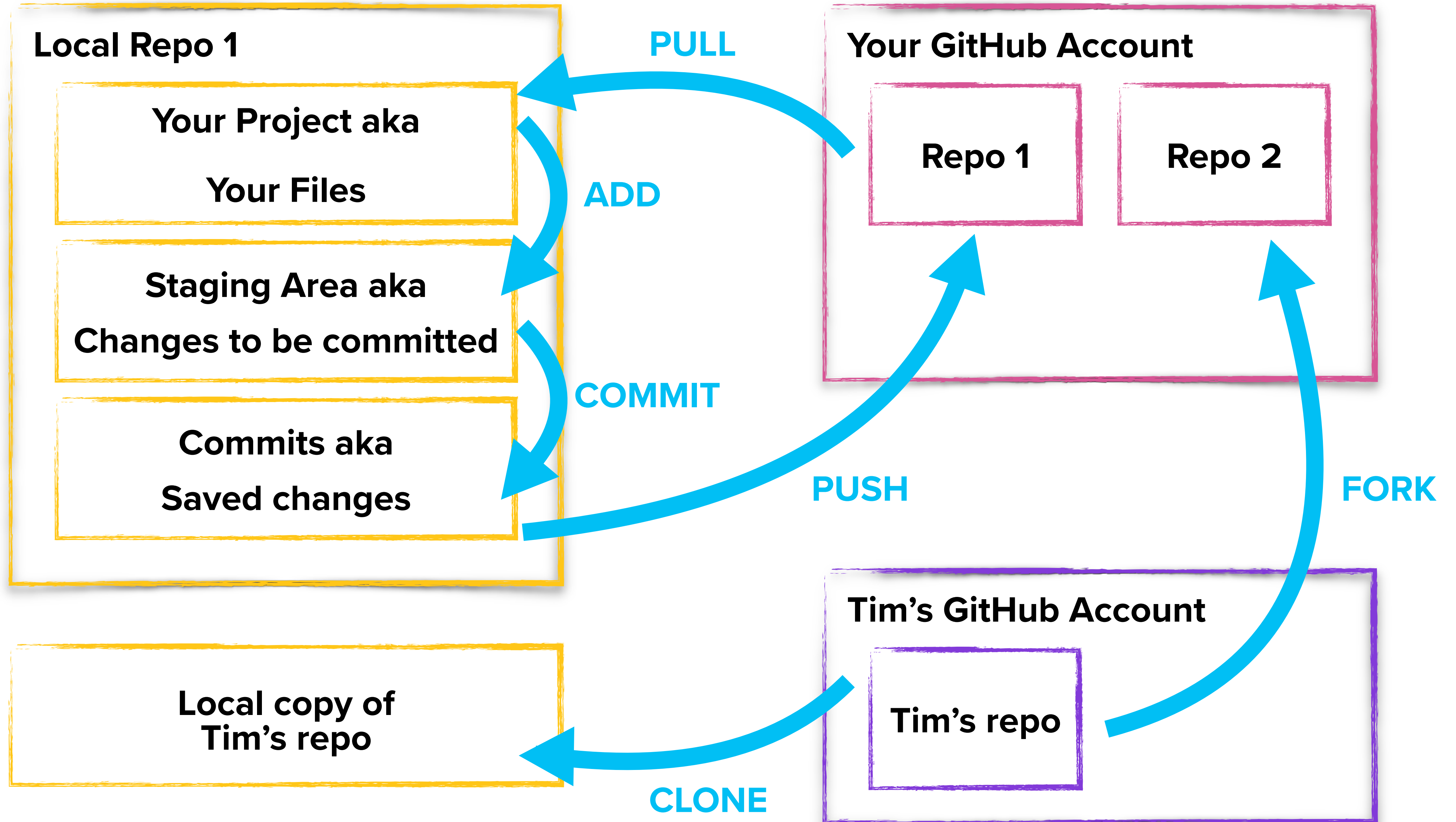
ADD

COMMIT

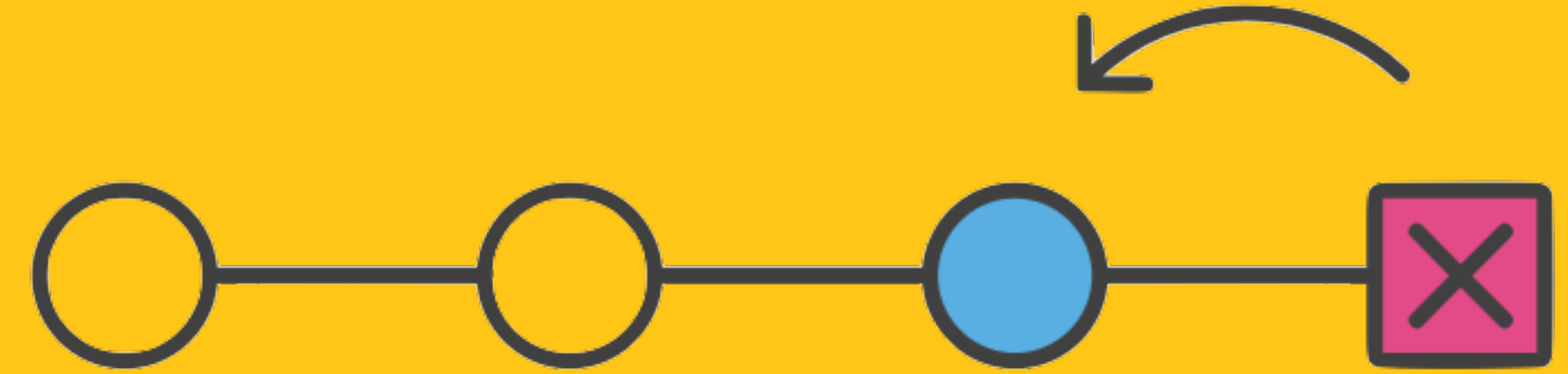
PUSH

FORK

CLONE



REVERTING



- Restoring files to a previous version
- Uncommitted changes: In GitHub Desktop, right click on the file you changed and select “Discard Changes”
- Going back to previous commits:
 - In the history tab, right click the commit you want go back to and select 'Copy SHA'
 - In Terminal, type: `git revert --no-commit <SHA Number>..HEAD`
 - Make sure to include the “..HEAD” at the end of the SHA number
 - Lots of dangerous ways to do this that rewrite history. Command line is the easiest and safest