

## 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

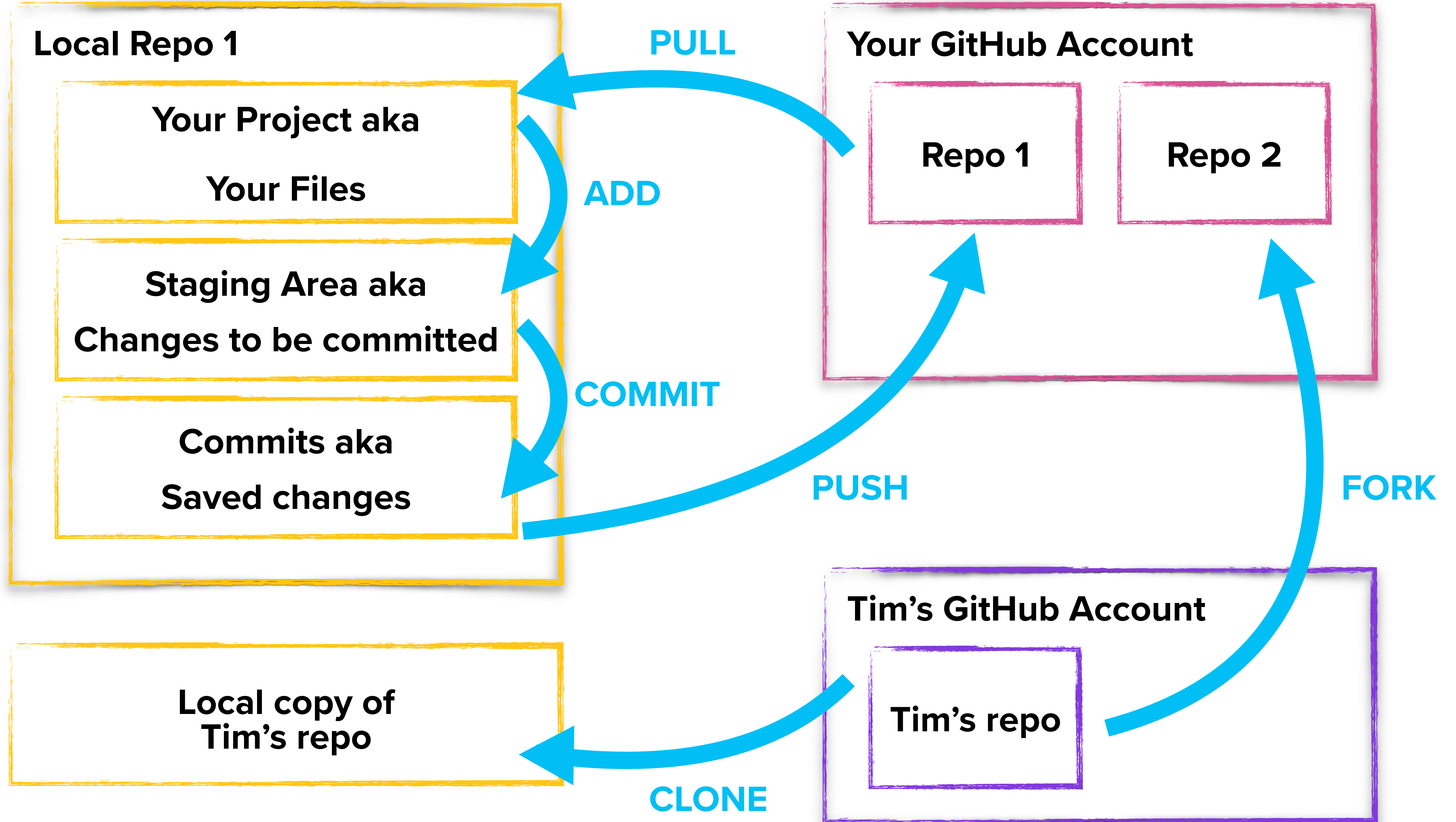
ADD

COMMIT

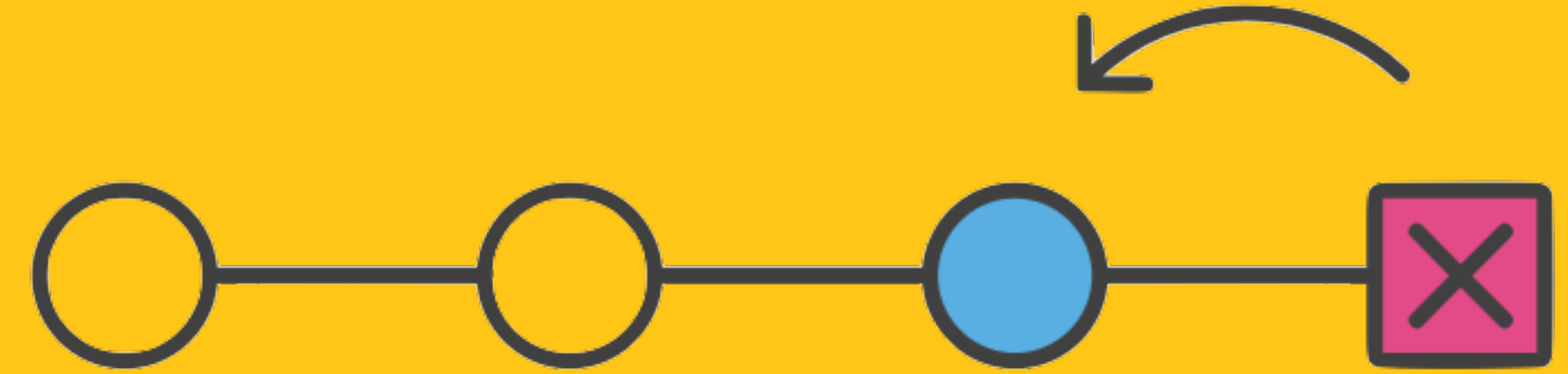
PUSH

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