



# GitHub Desktop Basics

CS Honors Git Module

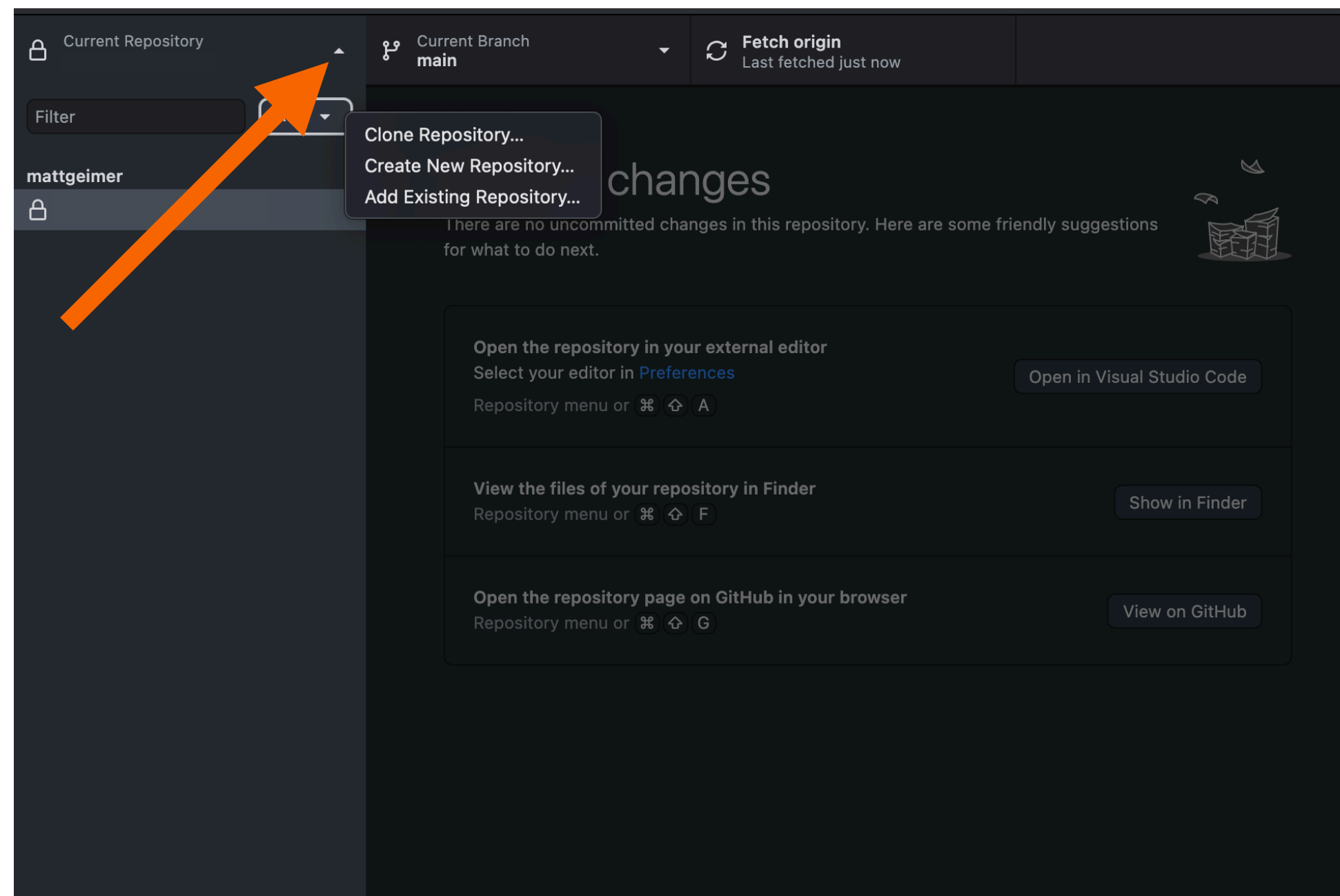
Slides by Matt Geimer (SP22)



# git clone

## Git Basics

- Clone
  - Downloads an external repository and sets it up as a local repository in the current directory



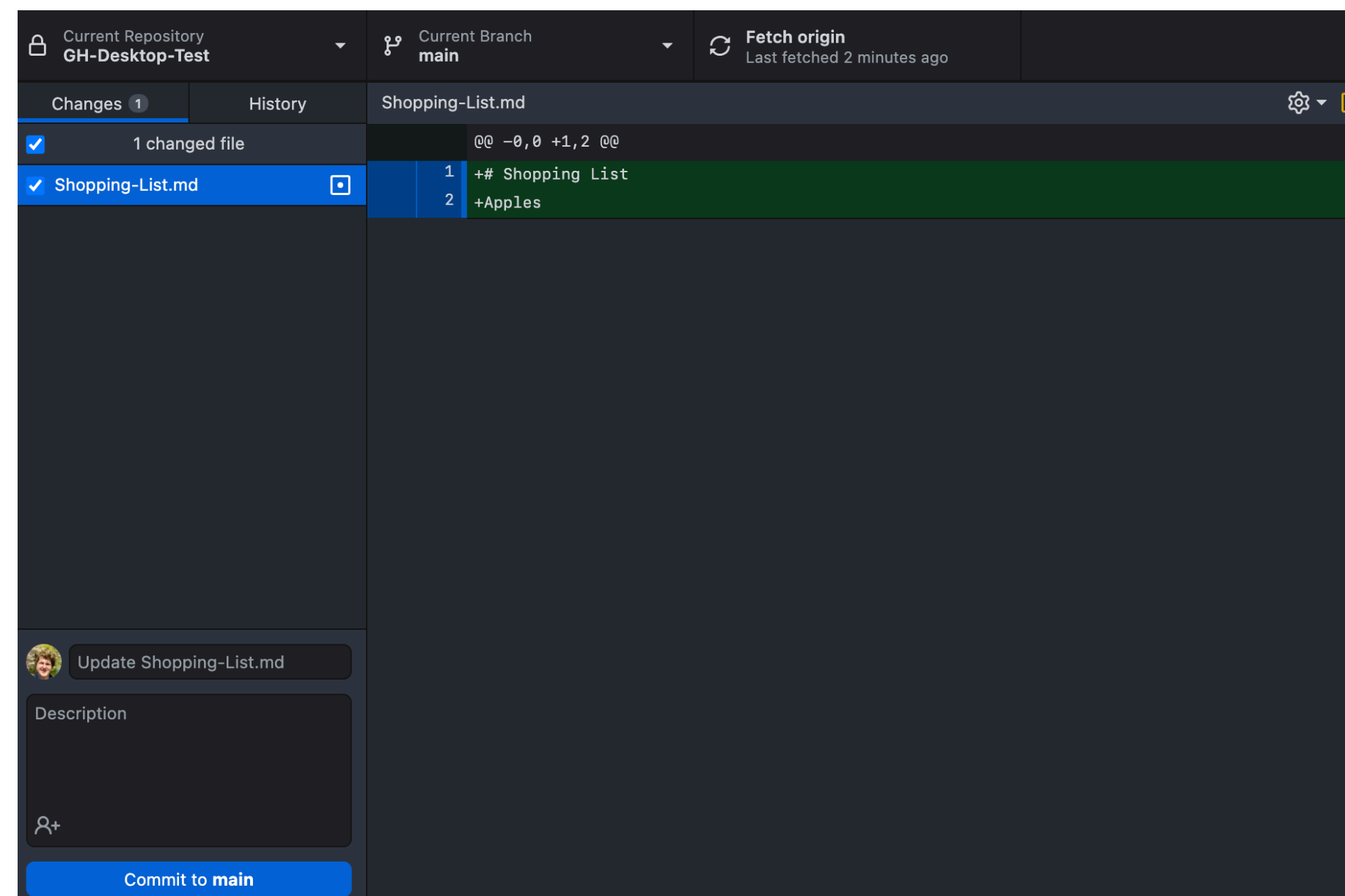




# git add

## Git Basics

- Marks files to be committed in next commit
- Different than BASH because GitHub Desktop automatically adds all changes not in `.gitignore`
- To un-stage a file, uncheck the box next to the file's name





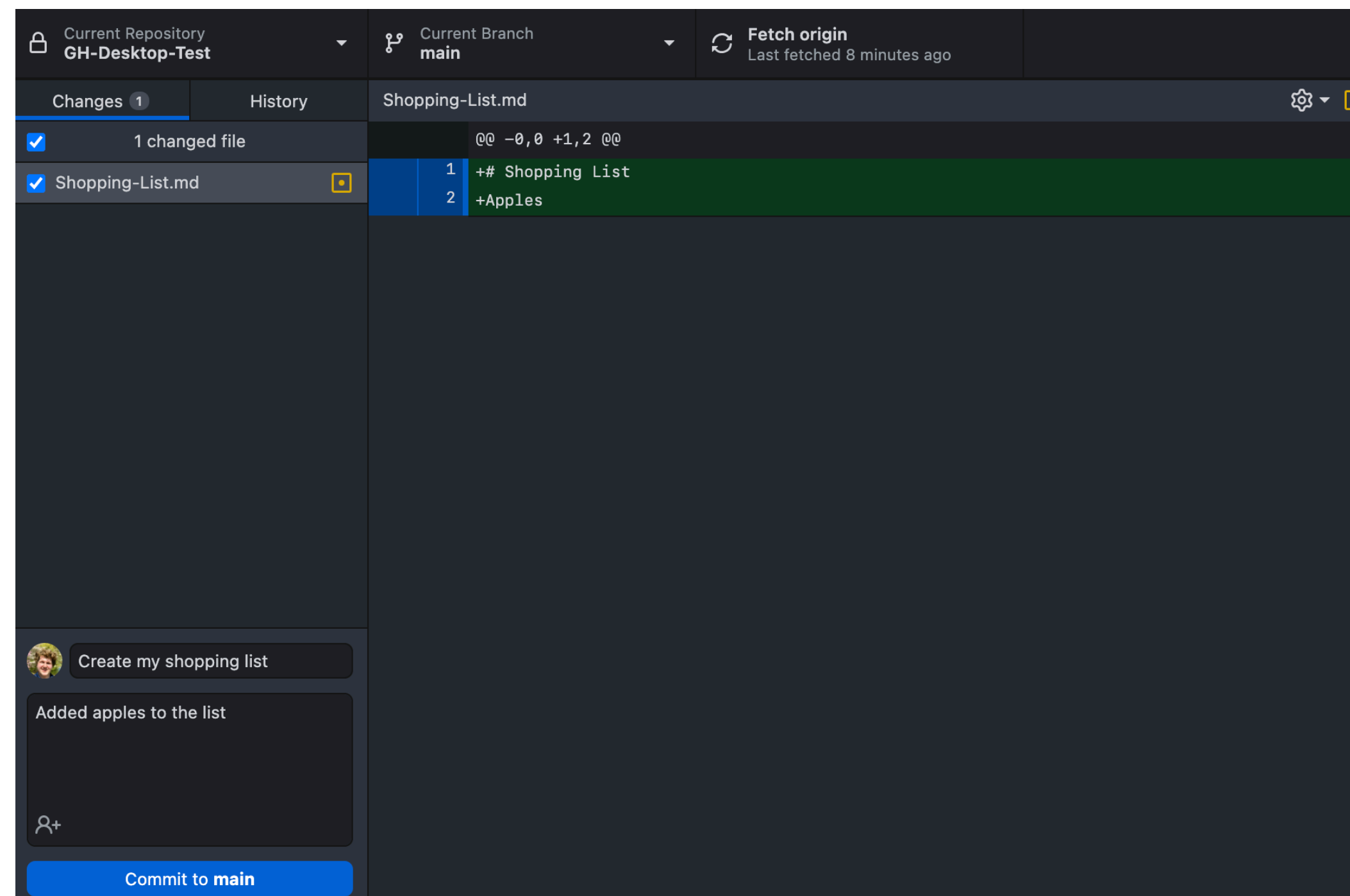


# git commit

## Git Basics

- Commits staged files to the repository
- Attaches your email/name and when you commit

- Select files to commit (git add)
- Add the title/message
- Click commit



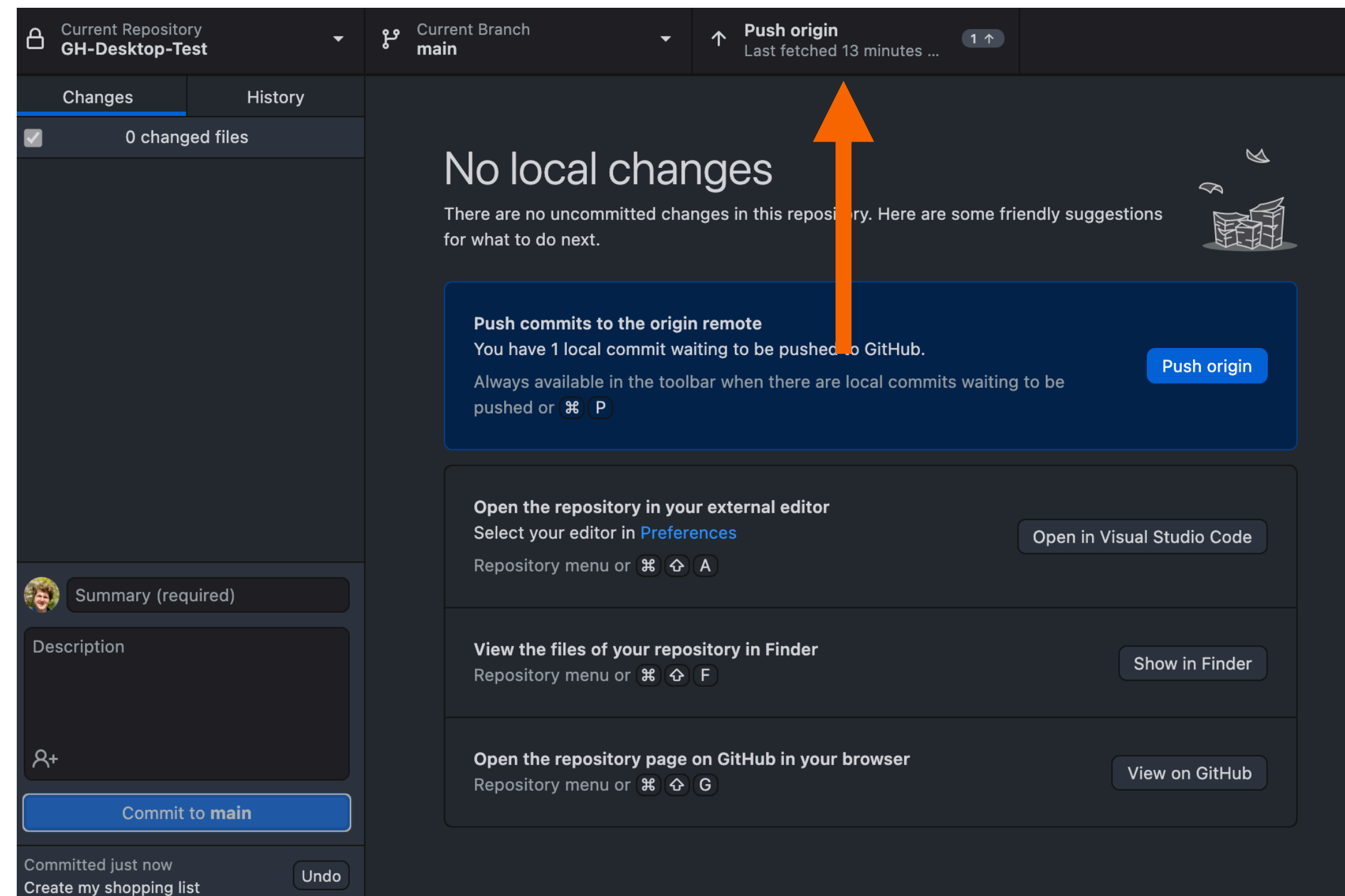




# git push

## Git Basics

- Uploads any new commits to Origin (GitHub)
- Click "Push origin"





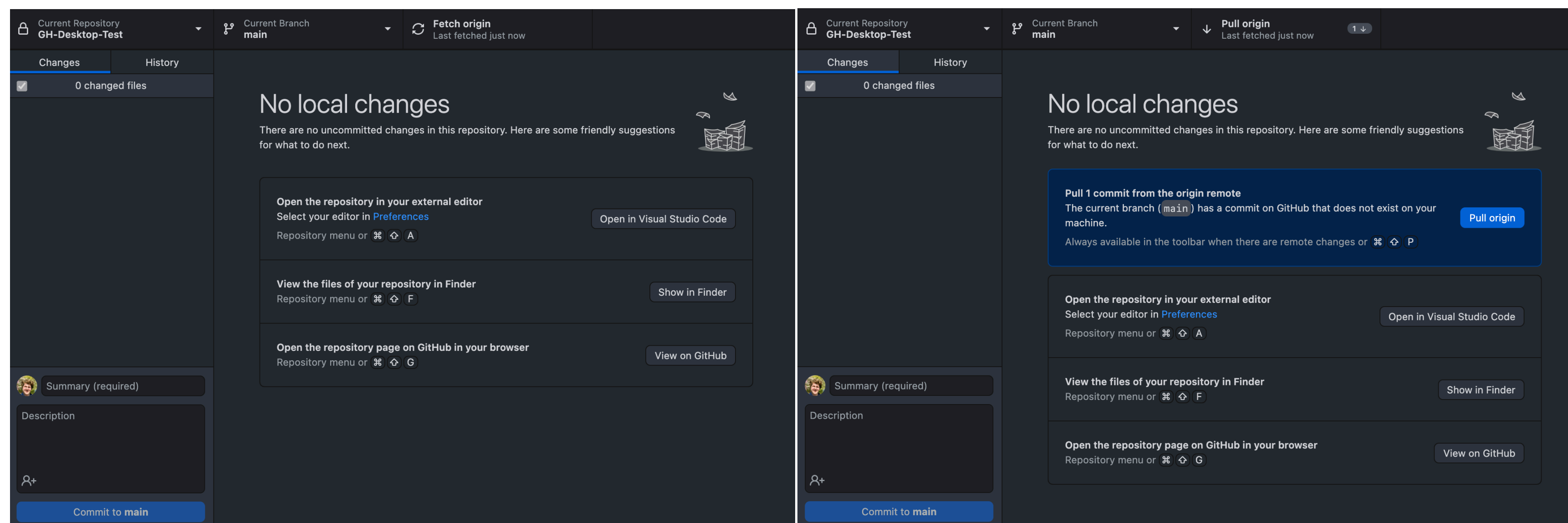




# git pull

## Git Basics

- Downloads any commits in origin but not in your local repository
- Click “fetch origin” then “pull origin” if any commits







# Lesson Overview

## Git Basics

- Showed how to use GitHub Desktop to
  - `git clone`
  - `git add`
  - `git commit`
  - `git push`
  - `git pull`



# Git Basics

## CS Honors Git Module



Slides by Matt Geimer (SP22)