2025 Github Workshop Outline

1. Preparation:
   1. Make an account on Github
   2. Download and install Git
   3. Download and install github Desktop
2. Intro
   1. What is a Github Repository?
   2. Basic info about Github repos
3. Make your own repo
   1. Create a new repo
   2. Give it a name
   3. Give it a readme.md file
   4. Add another folder
   5. Look at your magical repo, omg yayyyyyyyy
4. Pushing and Pulling
   1. Clone your repository on your laptop
   2. Make a new folder on your laptop in the repo
   3. Use github desktop to upload changes
   4. Double check on the github workshop
5. Forking
   1. Fork repo of package (this was dispersenn but now let’s use eDNAjoint)
   2. Clone forked repo
   3. Look at it on your machine
6. R portion:
   1. Create simulated Dataset
   2. Run simulated analysis
   3. Make graphs
   4. Make models
7. What else can you do with a repo?
   1. Alternate timelines (branches)
   2. App integration

New additions?

1. Show eDNA git?
2. Run eDNAjoint?