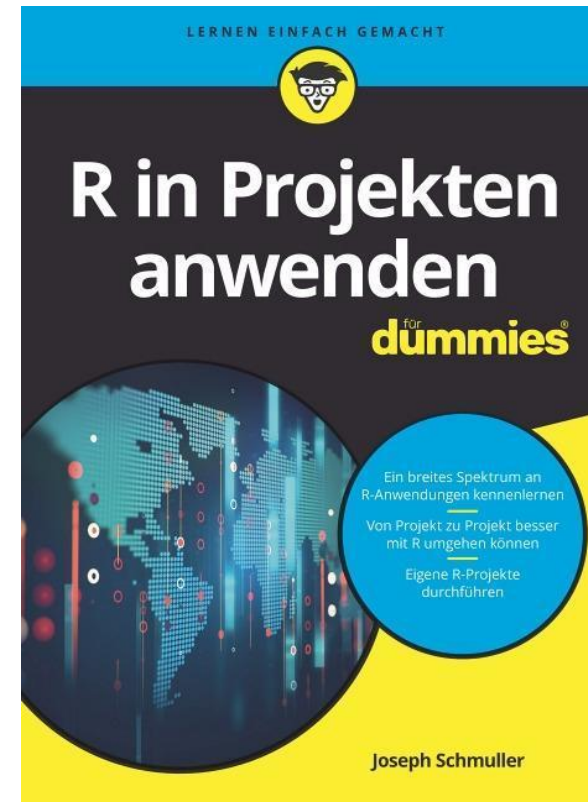
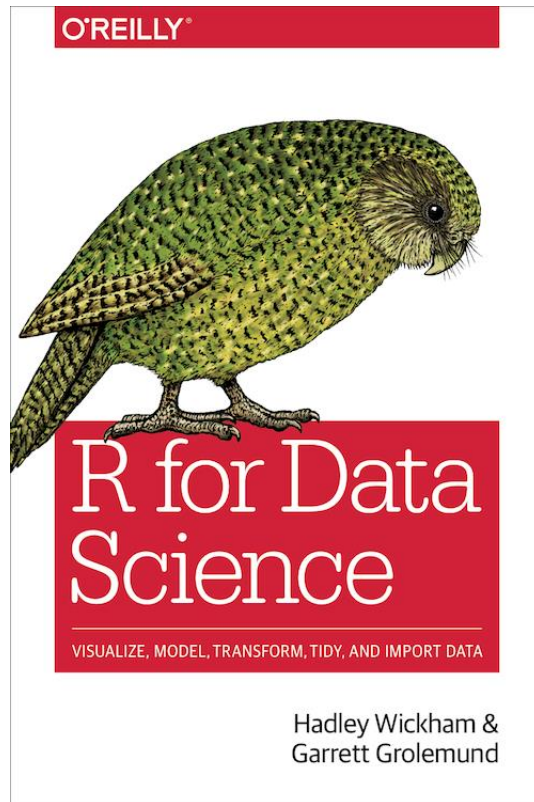


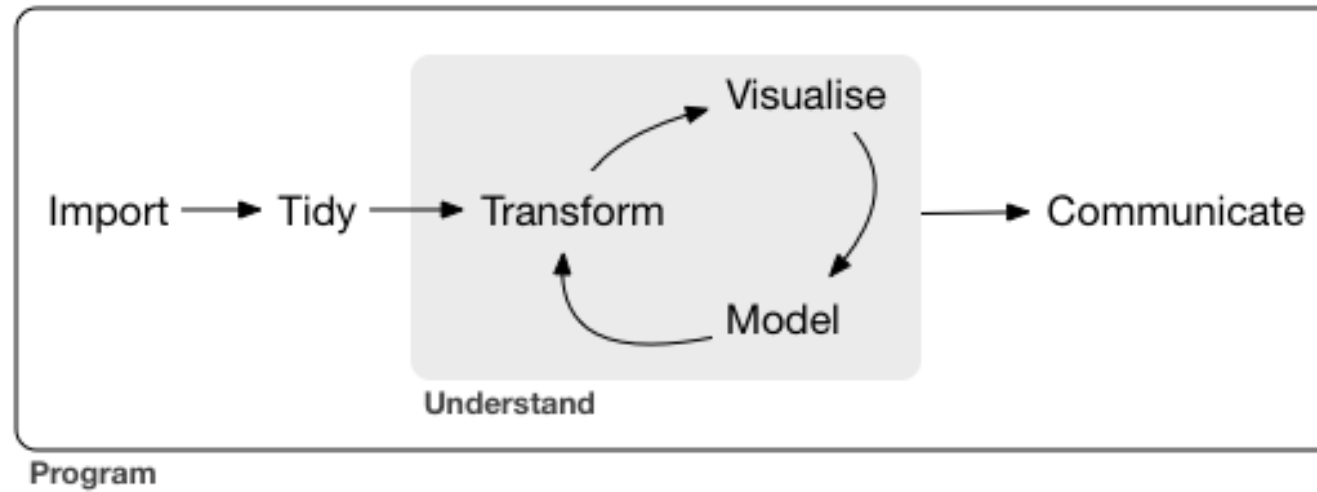
Data Analysis

Introduction

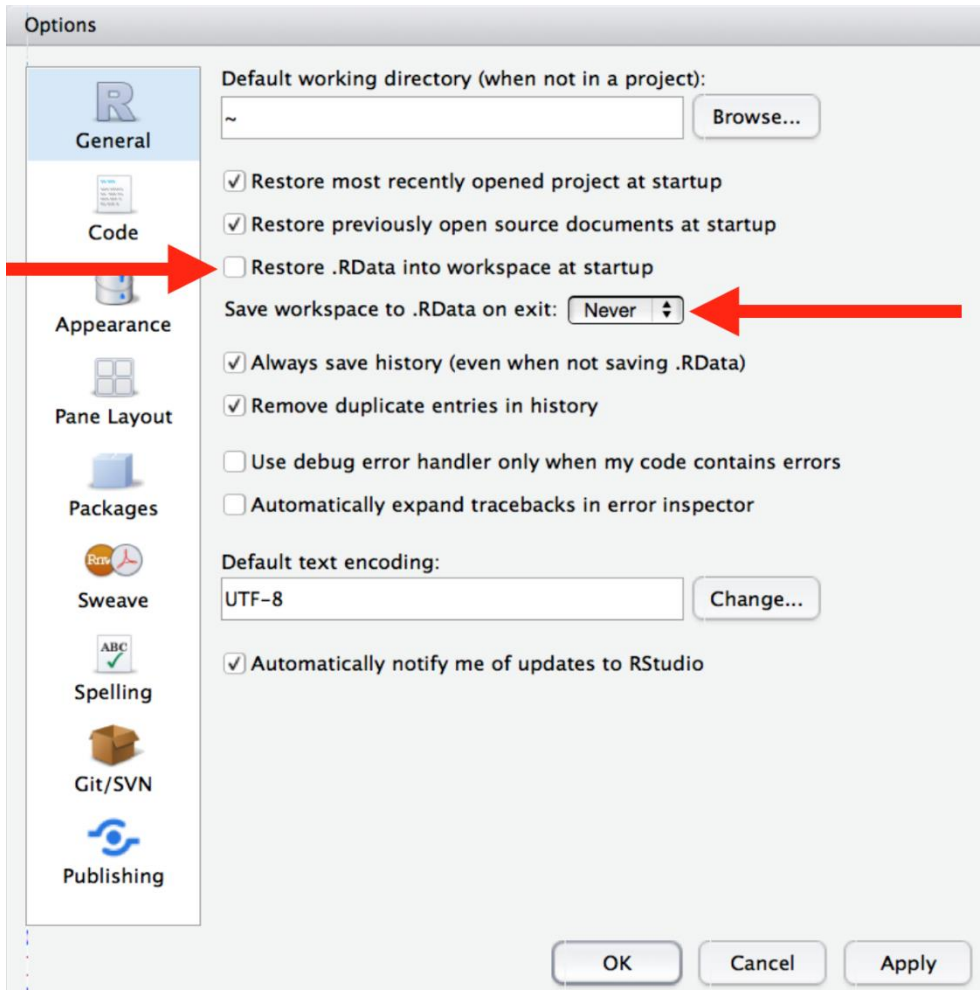
Prof. Dr. Gero Szepannek
Statistics, Business Mathematics & Machine Learning
Stralsund University of Applied Sciences



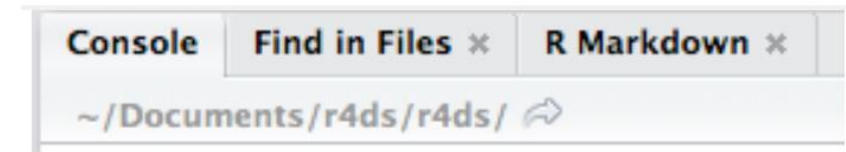
<https://r4ds.had.co.nz/index.html>
Today: chapter 6 (/online: chapter 8)



<https://r4ds.had.co.nz/introduction.html>

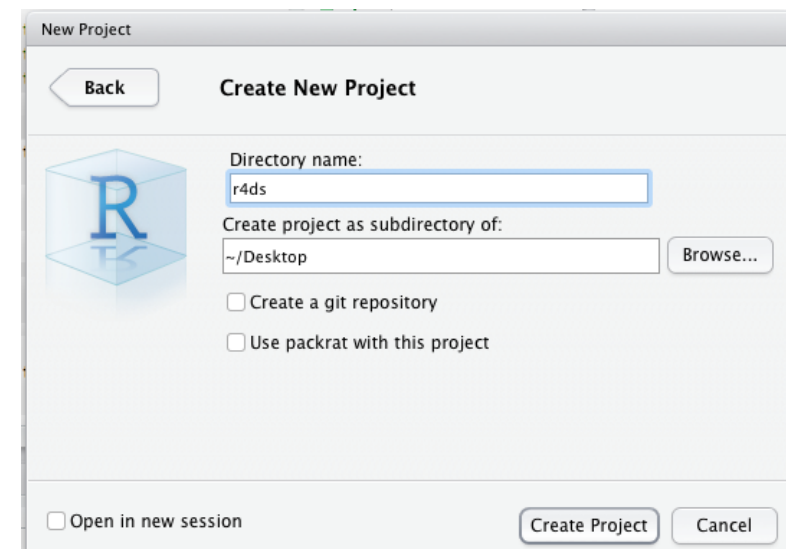
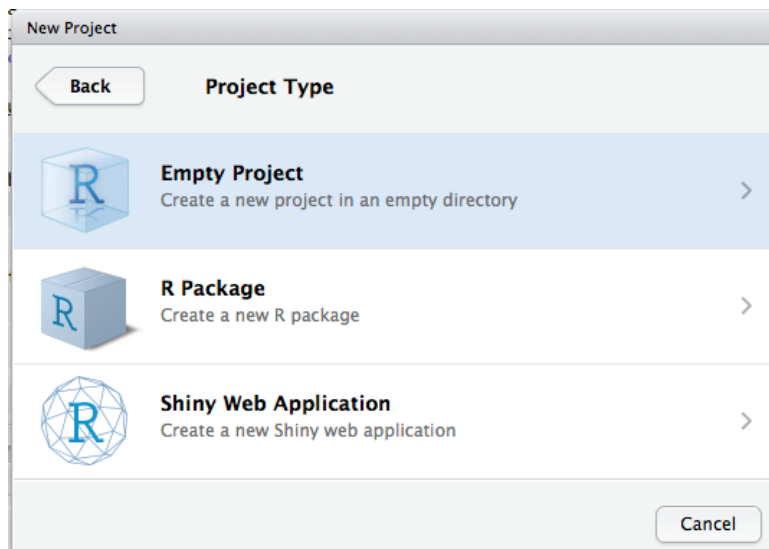
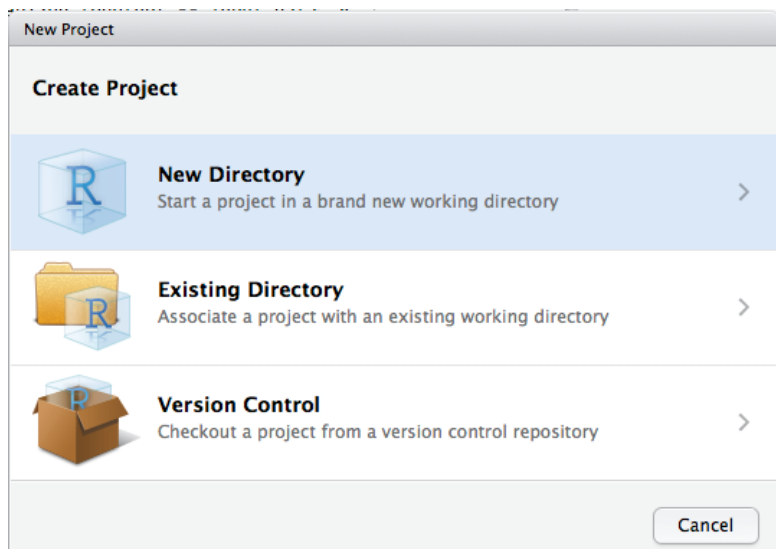


- **Working directory:** This is where R looks for files that you ask it to load, and where it will put any files that you ask it to save. RStudio shows your current working directory at the top of the console (or alternatively use `getwd()`):



- Avoid automatic saving of the workspace!

- Create an RStudio project for each data analysis project.
- Keep data files there; we'll talk about loading them into R in data import.
- Keep scripts there; edit them, run them in bits or as a whole.
- Save your outputs (plots and cleaned data) there.
- Only ever use relative paths, not absolute paths.



...type getwd()

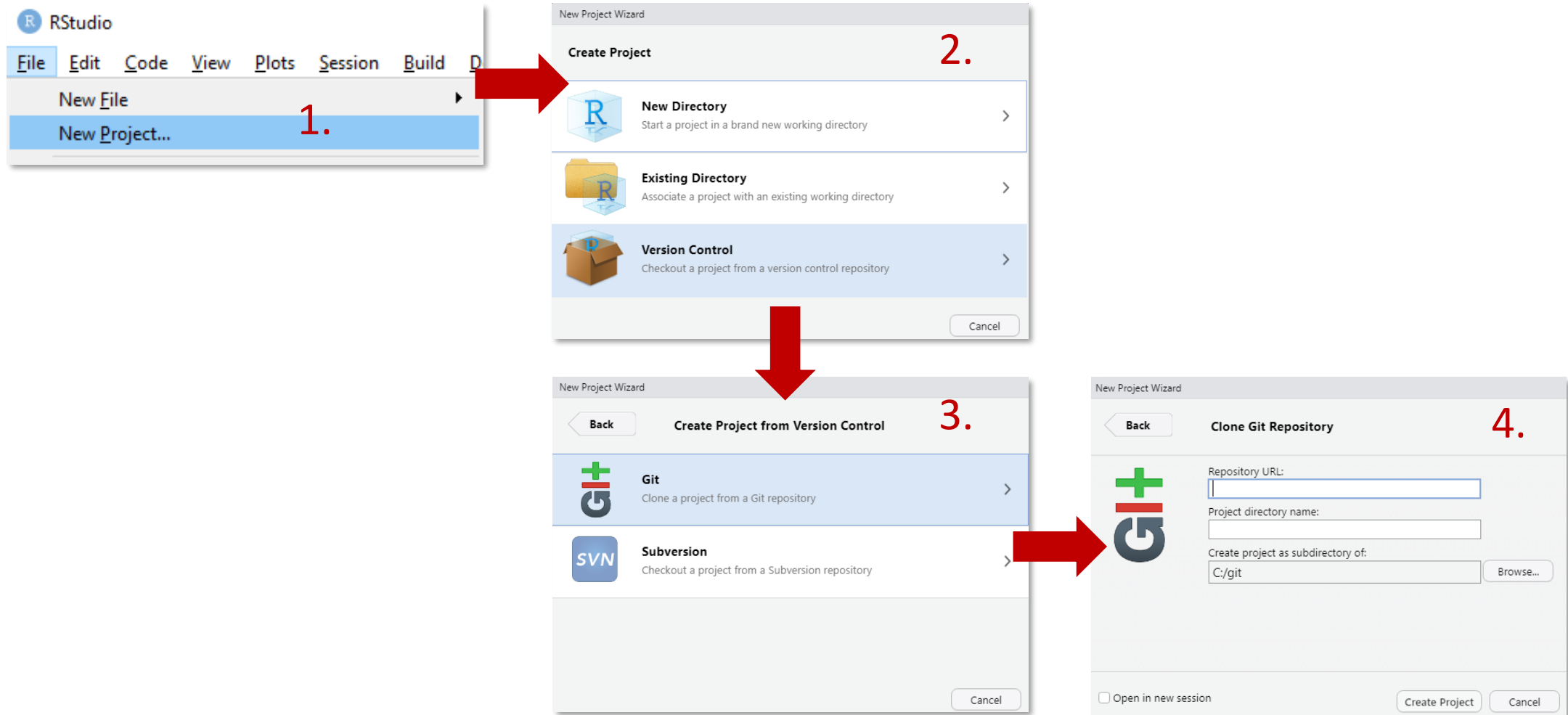
Happy Git and GitHub for the useR

Jenny Bryan, the STAT 545 TAs, Jim Hester

Let's Git started



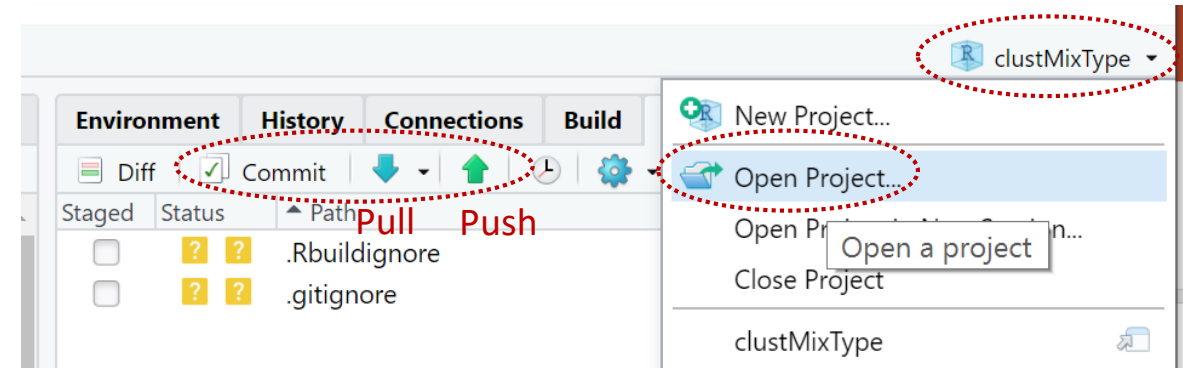
<https://happygitwithr.com/>



In case of fire

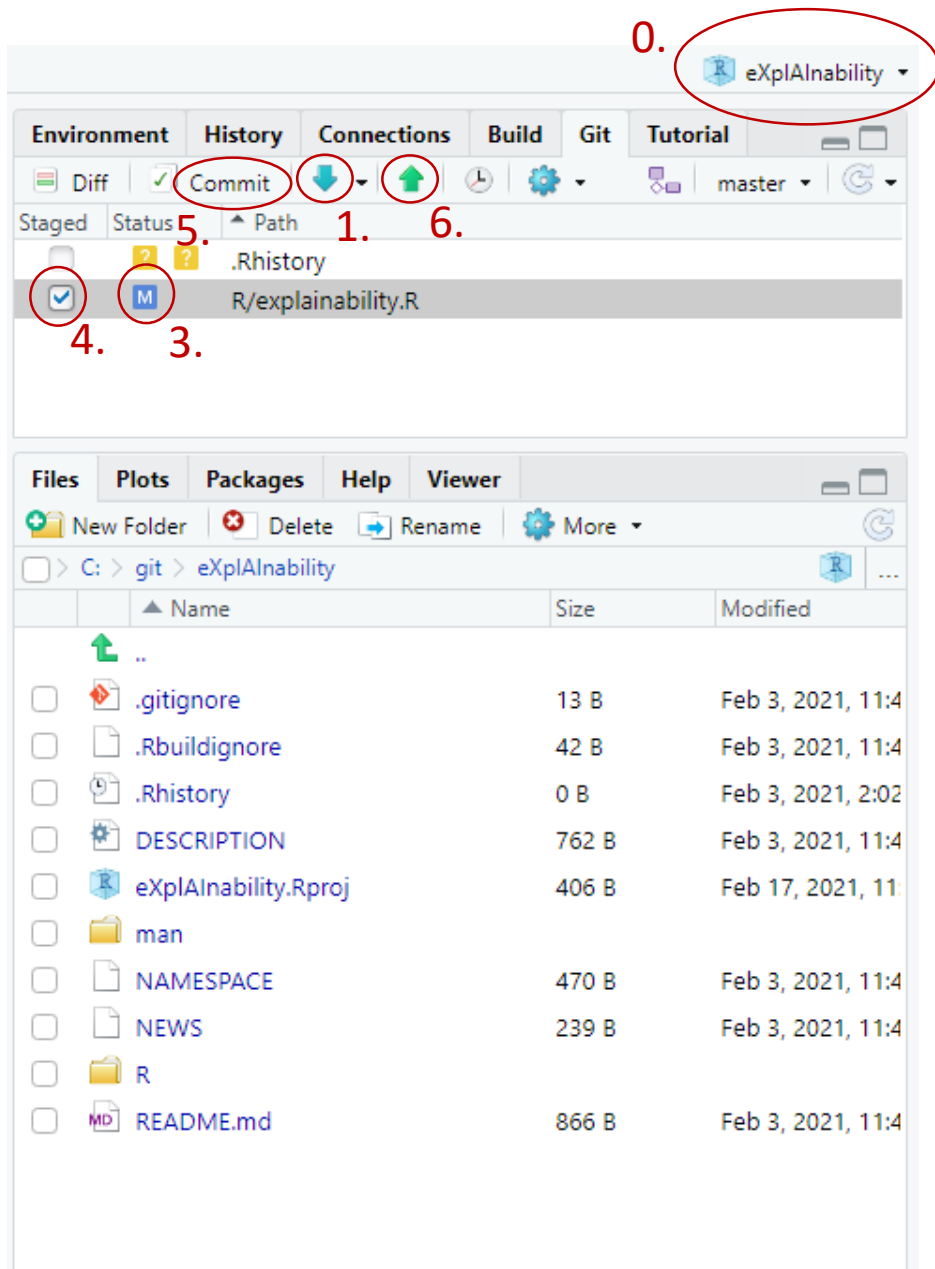


1. git commit
2. git push
3. leave building



<https://medium.com/mindorks/what-is-git-commit-push-pull-log-aliases-fetch-config-clone-56bc52a3601c>

0.



0. Open project
1. Pull latest version from github
2. ...work...
3. ...modified files appear
4. Mark modified files that should be committed
5. Commit (+ add comment if requested)
6. Push to Github