



software carpentry

University of Arkansas

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Git/GitHub

LOG IN TO YOUR github.com ACCOUNT ~ NOW ~

- If you haven't created an account yet
 - go to github.com
 - create an account with your @uark.edu email
- Blue sticky up when you've logged in to GitHub 😊

Version Control

"FINAL".doc



FINAL.doc!



FINAL_rev.2.doc



FINAL_rev.6.COMMENTS.doc



FINAL_rev.8.comments5.
CORRECTIONS.doc



FINAL_rev.18.comments7.
corrections9.MORE.30.doc



FINAL_rev.22.comments49.
corrections.10. #@\$%WHYDID
ICOMETOGRADSCHOOL?????.doc

Version control systems



- Recording of your progress
- Rewind to start at base document
- Play back each change made
- Arrive at most recent version

Version control systems

- Two users making independent sets of changes on the same document
- Users incorporate changes into same base document and resolve conflicts



Vocab

- Commit
 - Decide which changes will be made to the next version
 - Store metadata about the changes
- Repository (repo)
 - Consists of history of commits and their metadata
 - Can be kept in sync across different computers

How do you collaborate in workgroups?

On what types of files?

What about attrition from the group?

Git vs. GitHub

Although they both allow collaboration, **Git and GitHub are not the same thing**

- Git
 - Open source version control tool
 - Command line interface
- GitHub
 - A company that hosts Git repositories on the web
 - Provides a web interface to interact with repos they host