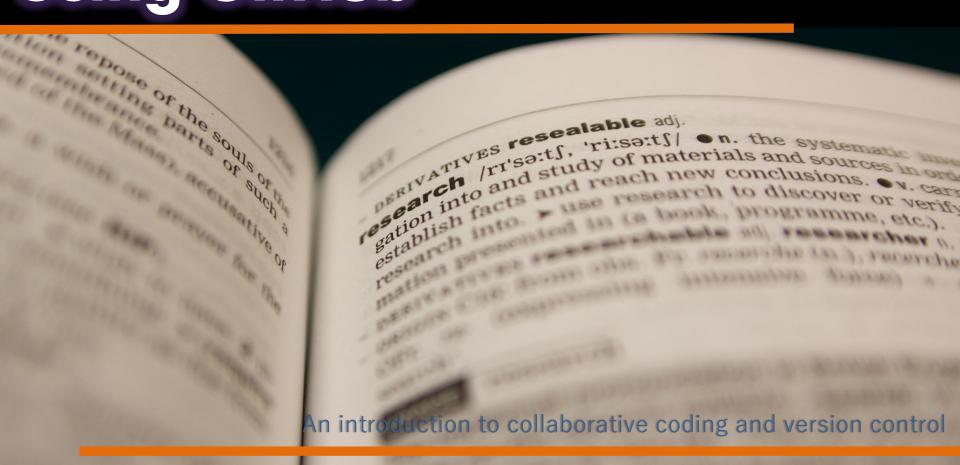
Managing Your Code Using GitHub

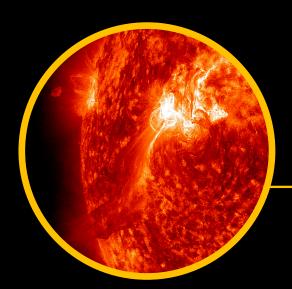


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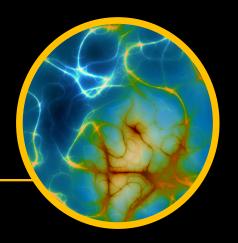
Why Use Version Control?

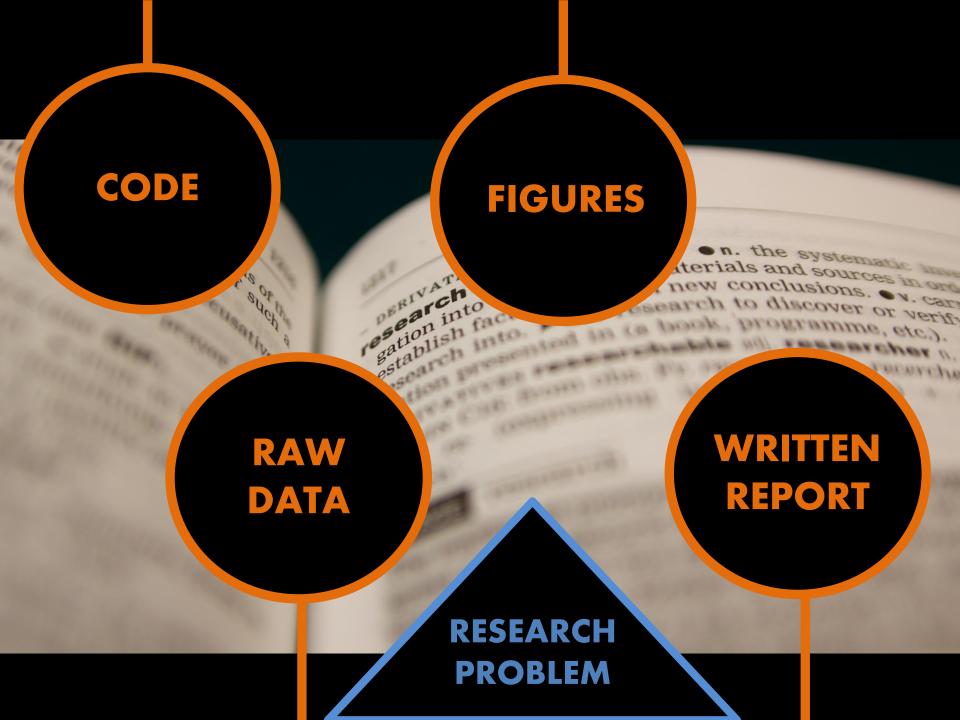




Introduction to GitHub

GitHub Demo





Users of these slides should embed the YouTube video, "What Is VCS?" here, from the following address: http://www.youtube.com/watch?v=8oRjP8yj2Wo

Why Use Version Control?

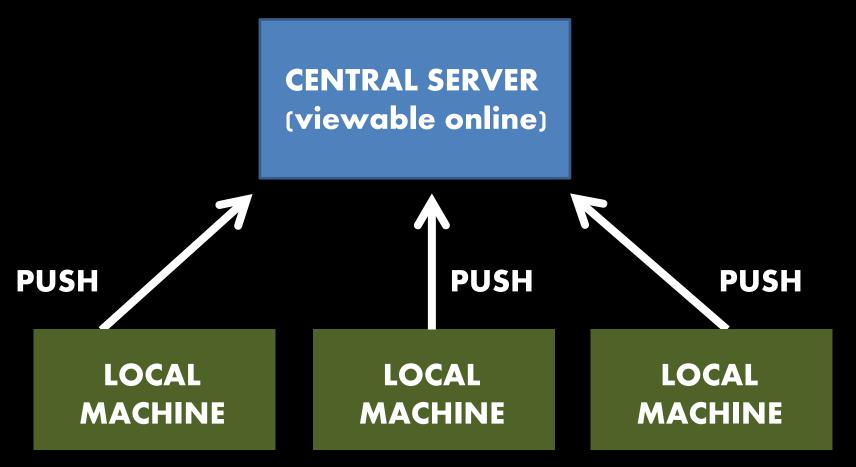
Maintain a HISTORY of your work as it progresses

Facilitate COLLABORATION when working as part of a big team

Track not only the CHANGES to files, but the AUTHORS of, and REASONS for, those changes

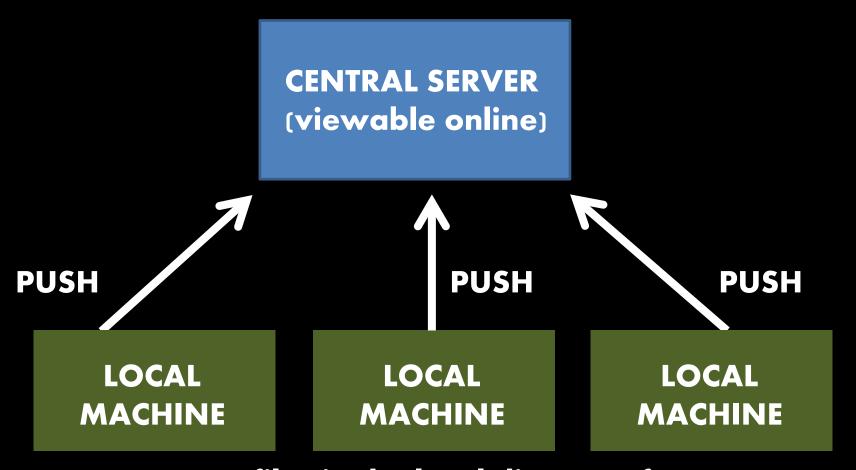
Why Use Version Control?

Version Control in GitHub

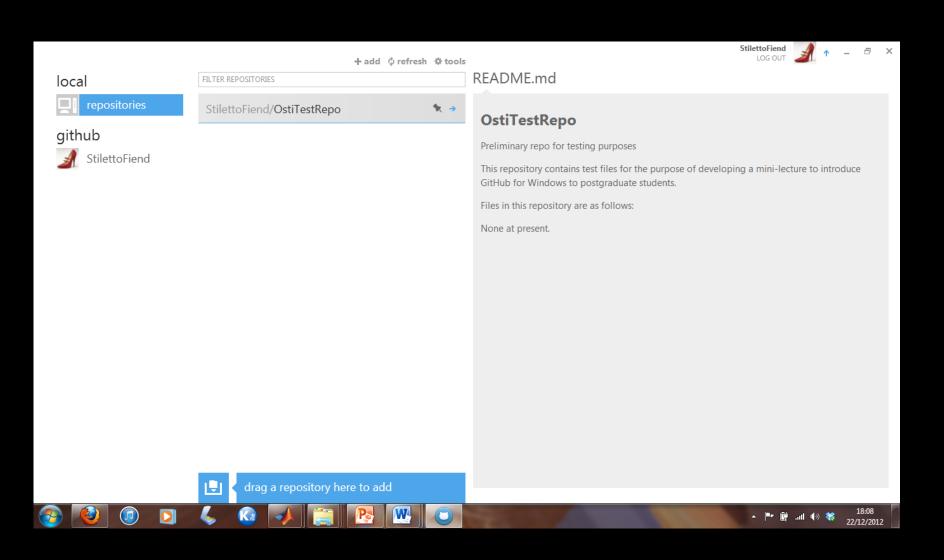


The majority of operations are LOCAL
Work from a local directory on your machine before pushing changes to the central server

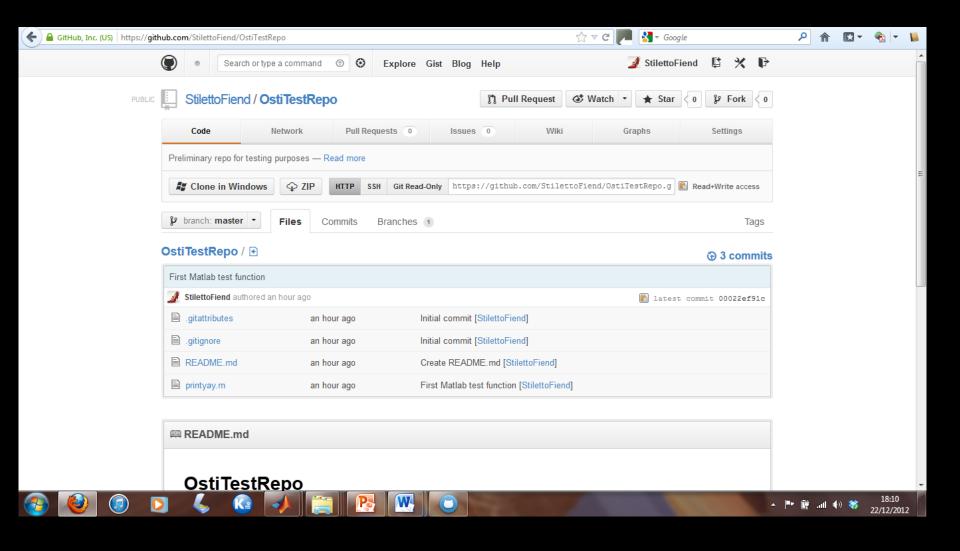
GitHub Structure



MODIFY your files in the local directory for your repo COMMIT these changes to your local repo Then PUSH them to the central server



GHfW Repo Overview



Online Repo View

ALWAYS check the terms of the system you're using and whether it's public or not

If working with industry, you may be bound by a Material Transfer Agreement – not ideal, but you should be aware of potential conflicts

You will also want to consider LICENSING your code/data/writing – we'll cover this tomorrow!

Caveats