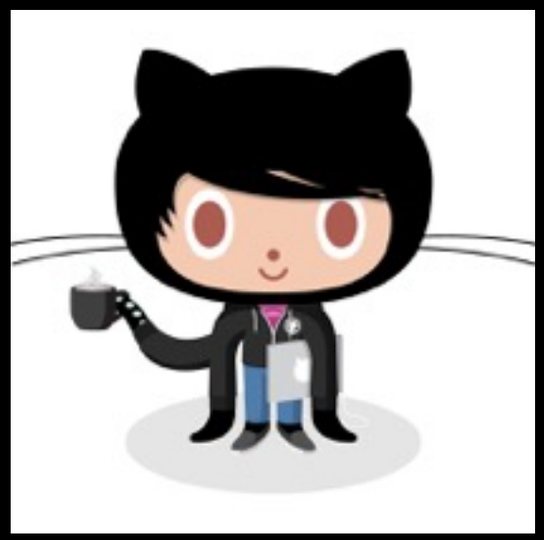
Github 101



What is Github

- Social networking site used for backing up and sharing your code
- Access to thousands of open sourced projects
- Used for tracking changes in projects and project management

- What does version control mean to you?
- When have you used version control previously?
- What was frustrating about that experience?
- How did it work if you were collaborating with other people?

- VERSION CONTROL - A system that records changes to a file or a set of files over time so that you can recall specific versions later

PTC 624 Assignment 16.doc - Microsoft Word

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Type a question for help

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Assignment 16. Editing Bibliographic Material

ions: Please edit and revise the passages below, making sure to provide specific
nts for your revision suggestions.

ge 1: Use MLA format for these Works Cited entries.

Franz. *Anthropology and Modern Life*. New York: W. W. Norton, 1928. Print.

s, Alan C. "Putting Readers in Their Places: Some Alternatives to Cloning Stanley
Fish." *College English* 42.3 (1980): 228–36. Print.

Ravitch, Diane. "Testing and Accountability, Historically Considered." *School
Accountability: An Assessment by the Koret Task Force on K-12 Education*. Ed.
Williamson M. Evers and Herbert J. Walberg. Stanford: Hoover Institution Press,
2002. 9–21. Print.

Spellings, Margaret. "A Test of Leadership: Charting the Future of U.S. Higher
Education." U.S. Department of Education. *ED.gov*. Sept. 2006. Web. 20 June

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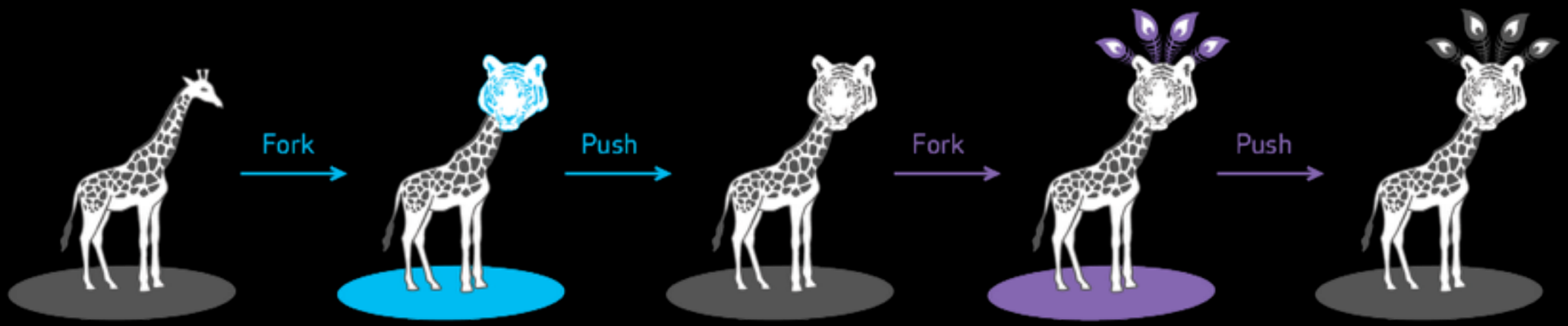
What is Git

- Commands and phrases Github uses to control your projects and manage versions
- Allows you to decide what changes you want to save in your ‘Final’ project version
  - Keeps track of those changes so you never lose anything
- All commands start with the word ‘git’

Why Use Github?

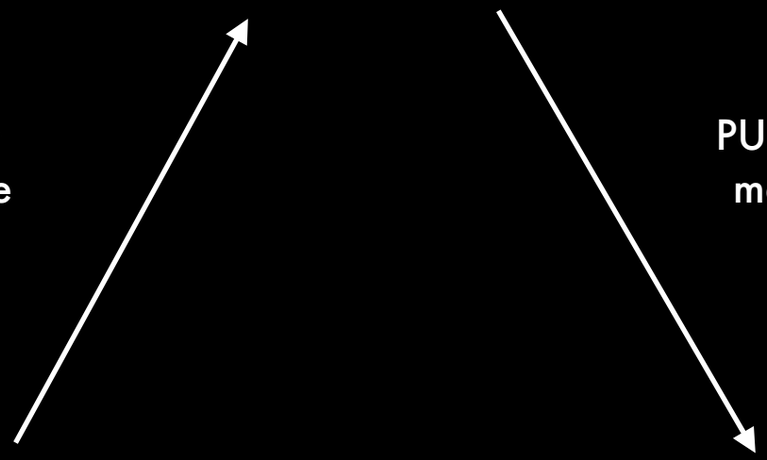
- Solidifies a connection between your projects on your computer and projects on github
- Never need to worry if you've lost your code
- Accidentally make a mistake? You can revert back to a previous version
- Easy to contribute/share projects with other people



peacock feather, tiger, giraffe from The Noun Project

Github repository

PUSH- Your Changes made on your laptop to save them in github



PULL- Changes you make only online

My project
(saved locally on my laptop)

Repository: A place where your project folders are stored

Commit: Changes you have saved

Pull: Fetching changes (commits) and merging them into your local version

Push: Sending changes (commits) to a remote repository on github to be incorporated into the project

Fork: A copy of a project folder that you can view and edit on your personal github profile page (independent but linked to the original source)

Let's Setup Github

https://github.com

Download my presentation

1. Find my github-101 repository
2. Download my presentation
3. IF TIME: Add an issue.

Download a text editor

https://atom.io

On your own

Follow the guide here - https://pages.github.com/

To create a new repository named yourusername.github.io, and publish a simple portfolio page.