## Introduction to GitHub

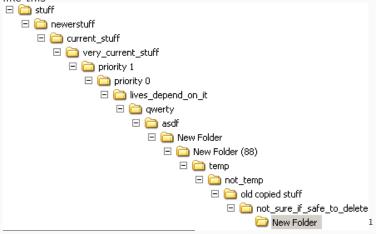
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October 14, 2016

For PedDay2016 at Dawson College

### What is a version control system?

A version control system is so that your project directory does not look like this



<sup>&</sup>lt;sup>1</sup>from http://www.dansdata.com/io094.htm

#### What is Git?



git is a free and open source distributed version control system created by Linus Torvalds.  $\!\!\!^2$ 

<sup>&</sup>lt;sup>2</sup>from https://git-scm.com/

# Git is simple?

THIS IS GIT. IT TRACKS COLLABORATIVE WORK ON PROJECTS THROUGH A BEAUTIFUL DISTRIBUTED GRAPH THEORY TREE MODEL. COOL. HOU DO WE USE IT? NO IDEA. JUST MEMORIZE THESE SHELL COMMANDS AND TYPE THEM TO SYNC UP. IF YOU GET ERRORS, SAVE YOUR WORK ELSEWHERE, DELETE THE PROJECT, AND DOUNLOAD A FRESH COPY.

<sup>&</sup>lt;sup>3</sup>from https://xkcd.com/1597/

#### What is GitHub?



GitHub is a web interface to a version control system based on git.

- Implements the feature of Git in addition to its own.
- Has an intuitive app for Windows and Mac.

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<sup>4</sup>from https://octodex.github.com/original