

The following is information from the repository scottyab/roobtbear. A script to create a CSV using a specific source file's name, the author, and the date that they made a change to the file. A CSV containing more information about source files (specifically ones that end in a major programming language extension) is created after sifting through source files. This script intentionally makes multiple entries, since it just cares about the important commits to files they make changes in. This will let us track more information about the progress of this Github.

Then each instance of an author making a commit and the date the commit was made is made in the CSV. This CSV is then ported into another script that reads the CSV. Files are labeled 1-23 and each unique author is given a unique color to identify who it is. From there, the y axis tracks how many weeks since the repo was created a commit was made. This tracks how much overall progress is being made on the project over time and which authors are contributing the most to the most important files (the source files). There is some interesting information to track, such as green leaving for seemingly years and coming back on while blue is the most consistent.

I found the whole process of forking and branching gits using Github and git itself most useful. This let me make my own local fork to work without worrying about the mess I made trying to get my scripts to work.