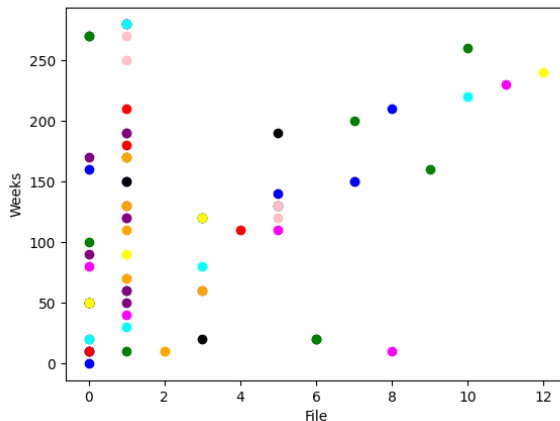


Scottyab/rootbear

EXECUTIVE SUMMARY: Link to Fork: <https://github.com/L-u-t-o/472-2023-G3>

Overview of project progression

The team has been working hard to deliver the expected product in a timely manner. Below is a graph demonstrating the varied work amongst our team. It is simple enough to gather that productively is not evenly distributed and there are some interesting trends occurring that should be addressed.



The Problem: Work is not uniformly distributed.

- I have collected a large amount of data from scottyab GitHub repository, adjusted the collection to a set of relevant .java source files, parsed that data to include important productivity information (who touched what files and when), and compiled that data into a visual graph for your better understanding.
- Here we can see the vast majority of commits on the team's GitHub project are being applied to the second source file in the project.
- Most team productivity occurred in the beginning weeks of the project, with only few commits/file touches in the later weeks of the project.

The Solution: Address concern and initiate ultimatum to unproductive members

We can tell from the data that few members are doing a vast majority of the work while others are less involved.

- Scott Alexander-Bown and Matthew Rollings have done a great job of keeping up with file management and source updates since the beginning weeks of the project
- Other members, such as LeonKarabchevsky and Slim Namouchi have done less productive work and should be spoken to about a resolution for commitment to the project
- If it is complex, how can you make it simple, or describe it more simply?
- To obtain this information, I used git commands with an authentication token to obtain the files, authors, and specific dates an author touched a file. I used this data to construct a scatterplot of information, and thus construct an effective plan for improved productivity for the team

Keys to Success

The above steps can help ensure our project is completed in a necessary, cost-effective manner; reducing costs and helping to manage a more dispersed and effective workload for everyone involved.