

## RootBeer Project Summary – September 10<sup>th</sup>, 2024

The Java source code for the scottyab/rootbeer project has been completed. Proposed checks/tricks have been implemented to give indication of root. The implemented methods do not guarantee a root. New methods can be added in the future.

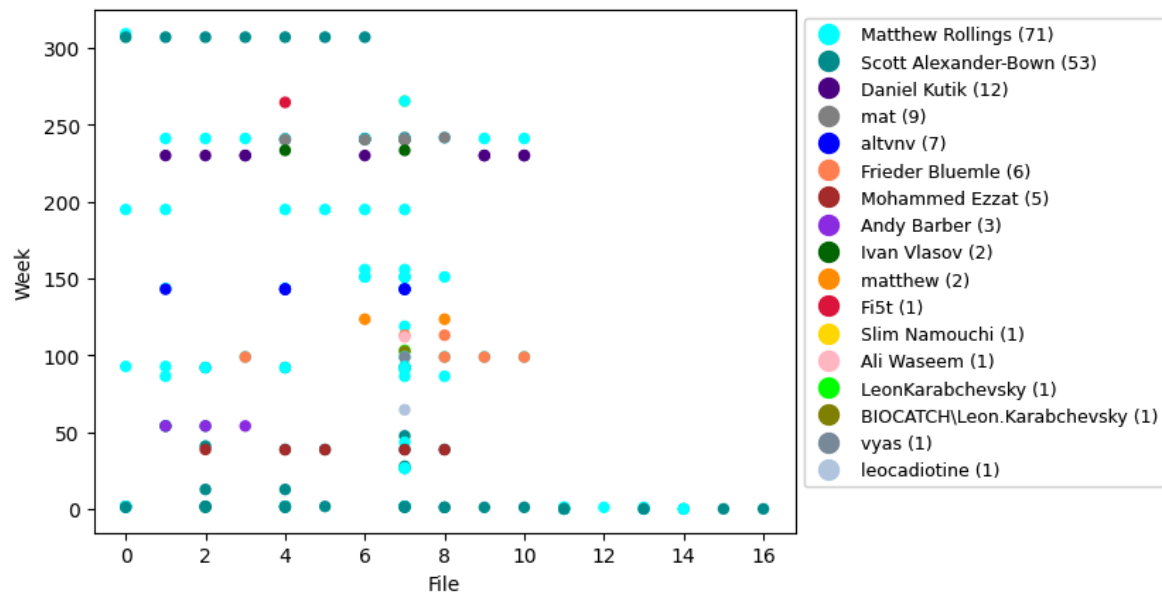
<https://github.com/thecatfour/CS472-Git-and-GitHub/tree/main>

### Work Distribution

The source code was updated over the course of 5 years, 11 months, and 5 days.

- June 19<sup>th</sup>, 2015. First update to the project.
- May 24<sup>th</sup>, 2021. Final update to the project.

The following scatterplot displays the commits each author pushed. An individual dot represents a single update to a file. The y-axis displays which week into the project a file was updated while the x-axis represents a single file.



The scatterplot shows that the majority of commits come from Matthew Rollings and Scott Alexander-Bown. This suggests that they actively contributed to the project.

### Conclusion

Scott Alexander-Bown is the most active contributor in the last few weeks. They or Matthew Rollings should be contacted for any in-depth information about the source code.

- git branch: needed to create sections of files that can be modified without compromising the main repository. Useful for this lab as there are many separate sections that are extracted into individual branches.
- git revert: I accidentally pushed several changes when I meant to only push one, so this was useful in teaching me how to stage changes.