

Taylor Finelli

CS 472 - Software Design I

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Executive Summary

Fork repository link: <https://github.com/taylorfinelli/Barbell>

The purpose of this document is to describe the status of the scottylab/rootbeer project. To acquire the data in the graph below, multiple Python scripts were used to mine the data. The data that has been analyzed is the history of the file commits. We have the data for each author, which files they touched, and when they touched them in the lifespan of the project.

In terms of productivity, we can see that as of lately, the main contributor to the project is Scott Alexander-Brown. Scott has made most of the recent commits on the project, totaling to 7 file commits out of 16 total files in around the 300th week of the project. If we look at total commits, we can see that Matthew Rollings has been the largest contributor overall. Our weakest overall contributor seems to be “matthew.” He hasn't touched any files since the 125th week of the project, and he only has about 2 commits.

File 7 has been the most work to get in good shape, shown by the number of commits on the file and how many different engineers worked on this file. However, it hasn't been touched since around 2020, so we can assume the kinks have been worked out. Files 11-16 have very few commits, so we can also assume those files are in good working order.

Overall, the project appears to be finishing up. The graph has been attached to the bottom of this page for your convenience. Please feel free to analyze the productivity of the team.

