

Executive Summary

Project: scottyab/rootbeer

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Overview

The Rootbeer project has seen a large amount of progress since the project first began in 2015. With a small team of 22 authors, development is continuing at a steady pace. There have been occasional delays, but the team is moving forward. With that being said, some changes need to happen.

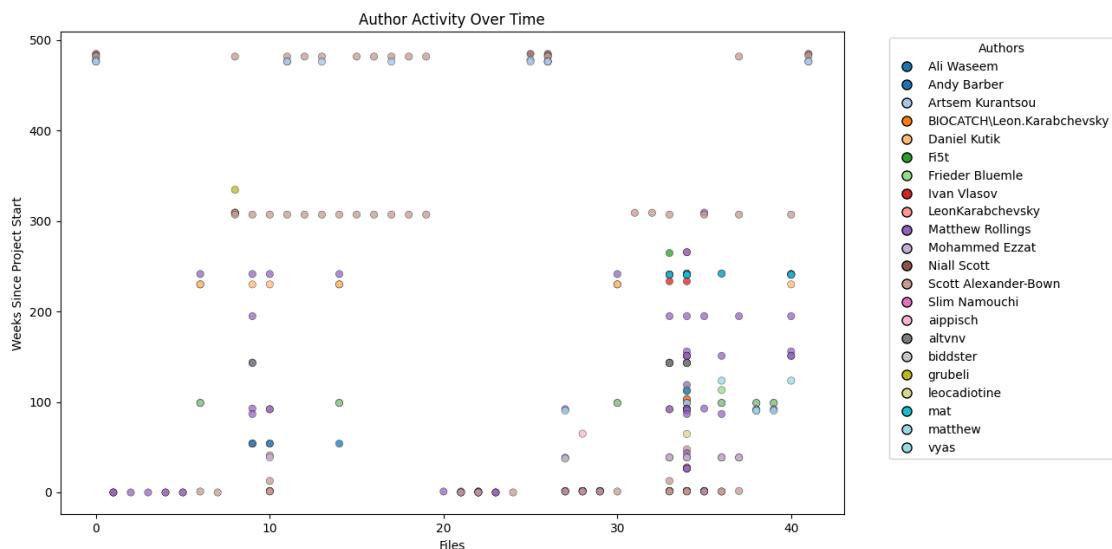


Figure 1: Author activity over time, authors were assigned colors and higher density is correlated with higher production

Development Activity

I have used git clone to analyze the git logs to identify the git commit history of the authors of the project (See repo mining: <https://github.com/Connor-Palmira/group-8>). Most development activity happened in the early days of development, with occasional small gaps. Recently, there was a 3 year gap between commits. One of the main factors in this is that many of the authors have stopped working on the project, leading to a smaller development team. That does not mean the project has been abandoned, as we still have changes being made in 2024.

Suggestions and Conclusions

As many of the original authors have moved on to other projects, there is a need for more employees to work on the project. This would slow down the development cycle as of this moment, but it will prove beneficial in the long run.