

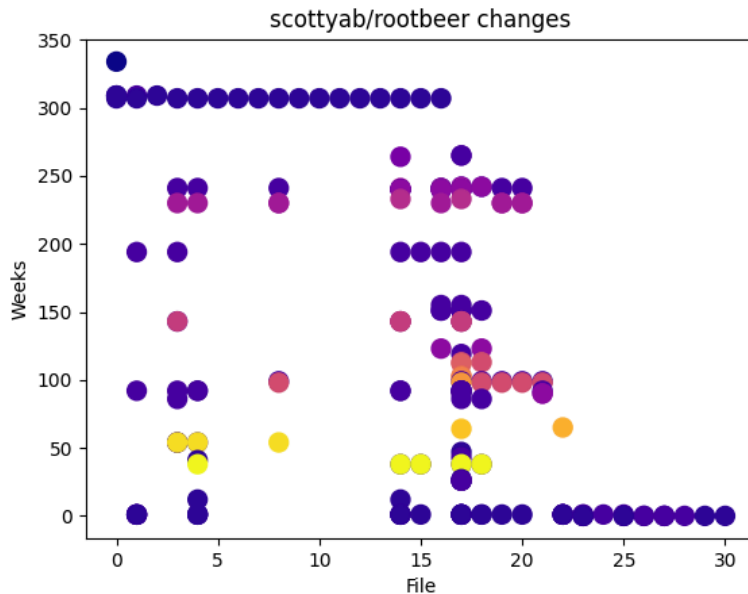
Executive Summary - Camden Yenchek

Overview

It has been many years since the start of the rootbeer project and thus much has changed about its development. Because of those changes it is now necessary to reevaluate the team behind the project and decide whether or not changes should be made to said team. Below are recommendations about the changes that should be made to the team and the reasoning behind those changes.

Recommendations

As shown in the changes scatterplot below where the x-axis is a particular file, the y-axis is weeks since the project started, and the color of each node corresponds to the author who made the changes to the files, the project no longer requires numerous people to upkeep. At this point, most changes will likely not be big and only two people have made most of the changes in the past 75 weeks or so. The two being Scott Alexander-Brown and Matthew Rollins, both of whom are the only people who should actively remain on the project to ensure that they can make any major changes if needed. They have already shown they are capable of the workload given they were the ones making the changes while most if not all of the other contributors have not made changes in years and as such could focus their attention to other projects. One final reason that it would be these two specifically is that Scott Alexander-Brown is the owner of the Git repository in which the project is currently held so no additional work would be needed to transfer control to a new owner.



Git Uses

The most useful commands for this particular project was git log which helped provide insight on exact commits and timing. Additionally, the use of the Github commit history api was paramount in determining how much each person contributed to the rootbeer project.

Lab repo: https://github.com/Snapshot0010/gitlab/tree/mine_repository/repo_mining