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CS 472-1001
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Report - scottyab/rootbeer

The rootbeer repository was active from 2015 to 2021, and has not been updated since 2021. Based on Figure (1) below. Each year seemingly had a different developer mainly committing, being Matthew Rollings in 2015, vyas in 2017, mat in 2020, etc. Developers who have not committed within a few years of 2021 may have left the program, such as Matthew Rollings, who has not committed since 2015. Some accounts who have previously committed may have been deleted, hence the "Github" nameless commits. The last updated file in 2021 was CheckForRootWorker.kt.

Initial info was compiled into a CSV with the script: Brandon_CollectFiles.py, which collected file names and amount of times said files were touched. Then, author names and exact dates were compiled with the script: Brandon_authorsFileTouches.py script. Then, the data was plotted with Brandon_scatterplot.py using matplotlib.

A list of useful git commands I used during this lab:
- git config --list (shows username and email info)
- git log (shows commit history with author names)
- git log –stat (shows commit history with modified lines in certain files)
- git clone <repository-url> (downloads a copy of the repository locally)

Fork repository: https://github.com/barkangel/UNLV-S24-CS472-Group7

Figure 1:
Annual comparison of activity on the scottyab/rootbeer repository

Scatter Plot of Filename vs Year (Colored by Committer)