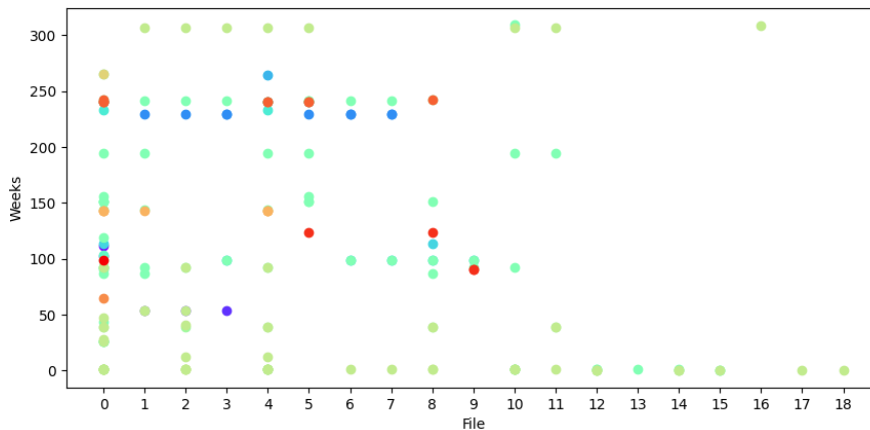Tyler Cook
CS 472 – Git & GitHub Lab

RootBeer Executive Summary

Purpose

RootBeer seeks to develop an open-source root checking library to indicate if an application is running on a rooted device with the goal of helping provide information to developers and application users to determine the integrity of the device.

Progress

Recently we moved to Cmake, which introduced some complications with a shared object name, however, was resolved two days after the move.

As you can see from the graph above, a lot of progress has been made since Scott and Matthew first started the project. Within the first 150 weeks the team quickly grew to about 7 members and a lot of the initial work was completed with most of the developers working on the RootBeer.java library file. After testing and collecting user feedback, work soon resumed starting with the project library files. Our focus now is finalizing our main activity and tool checker modules before going live. We are still on track for our Q2 2023 deadline.

Git Commands

During the lab I found a couple git commands helpful. The first was *git branch* which displayed what branch of the repository I was currently on. This was helpful for staying organized, especially with multiple branches. The second git command that was helpful was *git checkout* which easily jumps between different branches in the repository.

Fork Repository: https://github.com/cookt5/CS-472-Senior-Design-Project