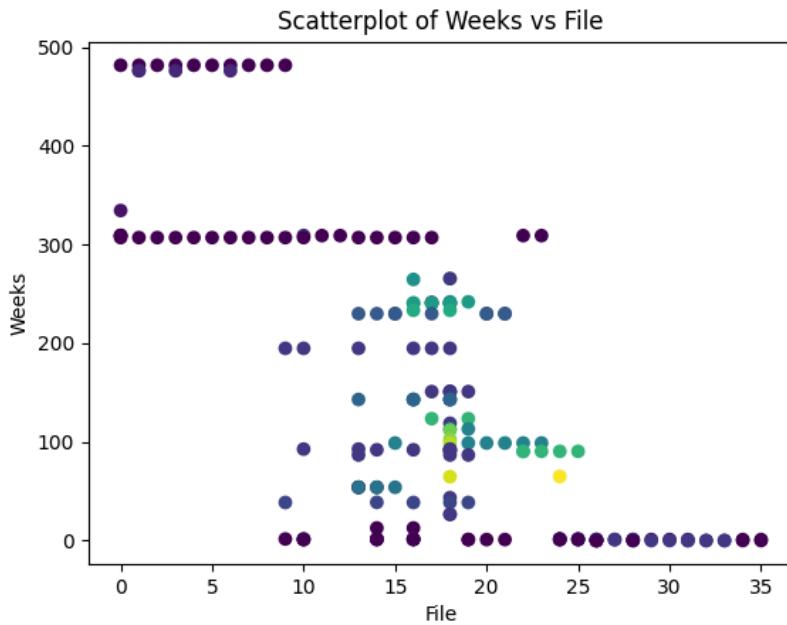


Scottyab/rootbeer Executive Summary

An analysis was conducted on the scottyab/rootbeer repository. RootBeer is a simple app that checks if an android device is rooted (accessed with root permissions). Per request, research was done to identify overall trends occurring within the repository, such as frequent committers, files which have seen a larger amount of activity, developers who may have left the project, or other observable phenomena.

One can take a look at the following Scatterplot of recent commit activity to notice a couple trends. For a file to be considered in the scatterplot, it must be a source file, IE a Java, Kotlin, C, or C++ related file by extension.



Most of the work performed within the repository was performed within the past 0-300 weeks, with a noticeable gap of inactivity between the 300-500 range suddenly being disrupted by numerous files seeing emerging changes. Notably, the release of pre-release 0.1.1 coincided with the resurgence of activity.

As visible by the different colors in the

scatterplot, a number of contributors have had their mark on this project. In particular, the primary contributor is Scott Alexander-Bown (username scottyab), who has maintained the project since its inception in 2015. Another contributor of note is stealthcopter, followed by ArtsemKurantsou and friedderbluemle. There are many more contributors, however their contributions are not as significant in scale or scope.

As a whole, rootbeer has grown and evolved over time since its inception. There have been numerous contributors, all of which have had their mark on the project. Most of the major work for the project was completed within the first 300 weeks, with the exception of a more recent pre-release.

To conduct the following analysis, the following git commands were quite useful:

Git log (gave a comprehensive commit history to comb through and discover trends)

Git checkout (allowed exploration of multiple branches, as well as getting their logs)

Git clone (allowed local analysis of the repository)