

Executive Report by Jerome Azicate

Project Repository: [scottyab/rootbeer](https://github.com/scottyab/rootbeer)

Fork Repository: <https://github.com/jazicate/Group-3>

Role: Project Manager

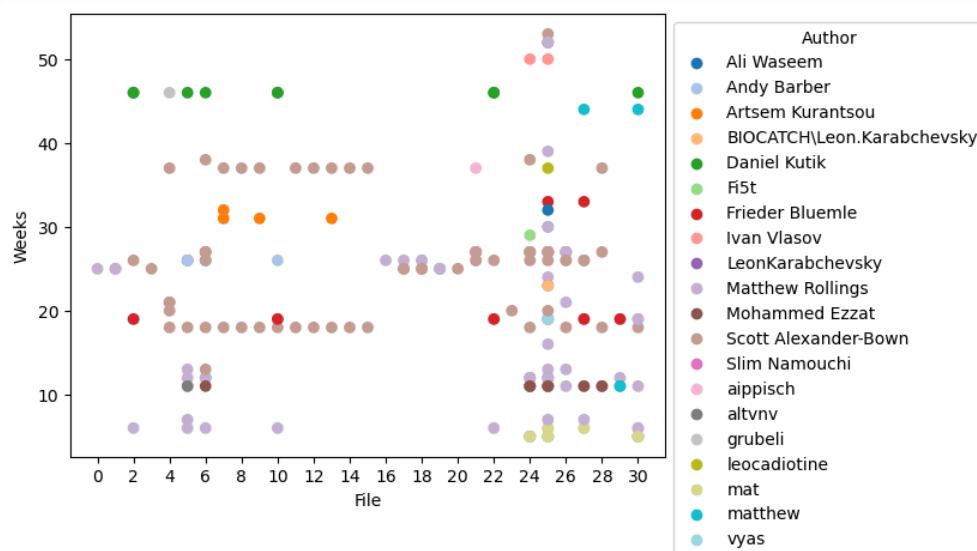
Date: February 02, 2026

Overview

RootBeer is an Android root-detection library and an app. It essentially checks whether a device is rooted.

Overall Contribution Trends

While many developers have contributed throughout the lifespan of this project, there are a few notable contributors who have taken part more than the majority. One such developer is notable in the scatterplot below. Scott Alexander-Brown, or by his GitHub name, [scottyab](#), has made the most commits on source files. Matthew Rollings and several others made meaningful contributions at the beginning of the project, but have shown none recently.



Source Files are determined by the most programming languages used in the repository. In this project, the majority of the files are Java and Kotlin, so source files are defined as files ending with '.java' and '.kt'.

Tools & Git Commands Used

- **matplotlib and numpy**: to visualize commits made by developers over the course of the project
- **GitHub (REST API)**: used to retrieve data for this analysis
- Git Commands:
 - **log** (with their flags such as `-author` and `-stat`)
 - **branch** and **checkout**, **push**, **clone**, to help produce this visualization program in a safe and professional manner