

RootBeer: Executive Summary

Project Overview

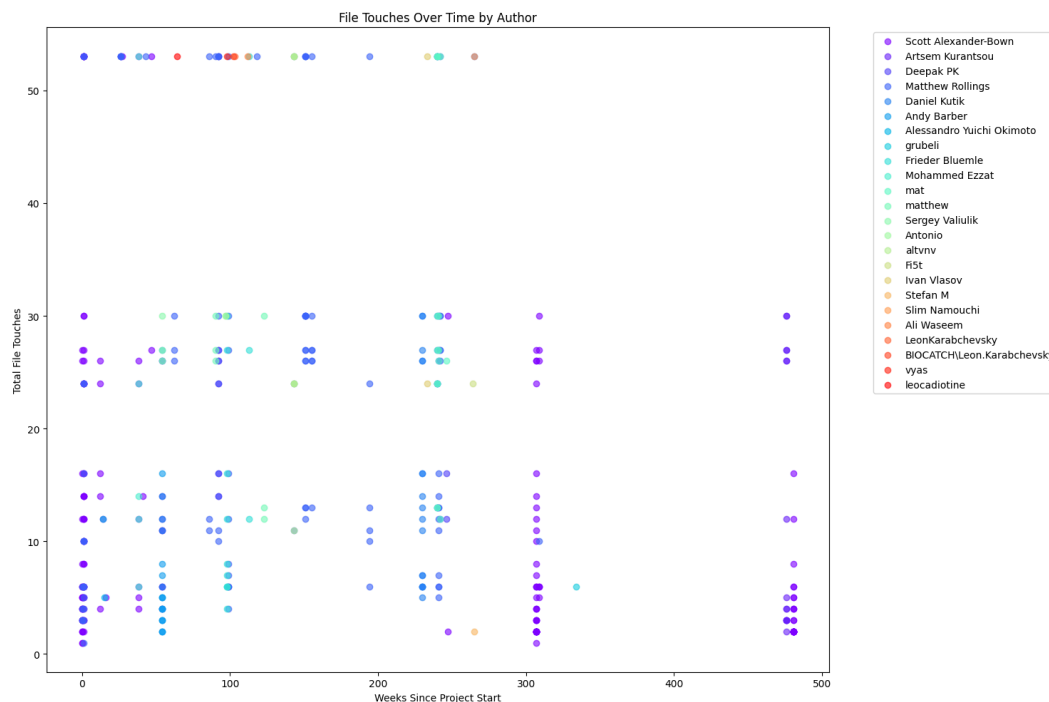
RootBeer is our Android security library that detects if devices are rooted (jailbroken). This capability is important for mobile banking and financial services clients who require strict security measures.

Development Activity

The project has shown development activity with 437 commits. Scott Alexander-Bown leads development with 65% of total contributions, followed by Matthew Rollings (20%) and other contributors (15%).

Key Metrics

- Total Files: 86
- Most Active Files:
 - app/build.gradle (47 touches)
 - rootbeerlib/build.gradle (42 touches)
 - rootbeerlib/src/main/java/com/scottyab/rootbeer/RootBeer.java (38 touches)



Git Analysis Tools Used

The analysis was performed using specialized Git commands:

- **git log --author=pattern** - Tracked developer contributions
- **git shortlog -sn** - Summarized commit counts by author
- **git log --stat** - Analyzed file modification patterns

Link to Fork: <https://github.com/ChrisCRL/Group-2/tree/main>