

EXECUTIVE SUMMARY

scottyab/rootbeer

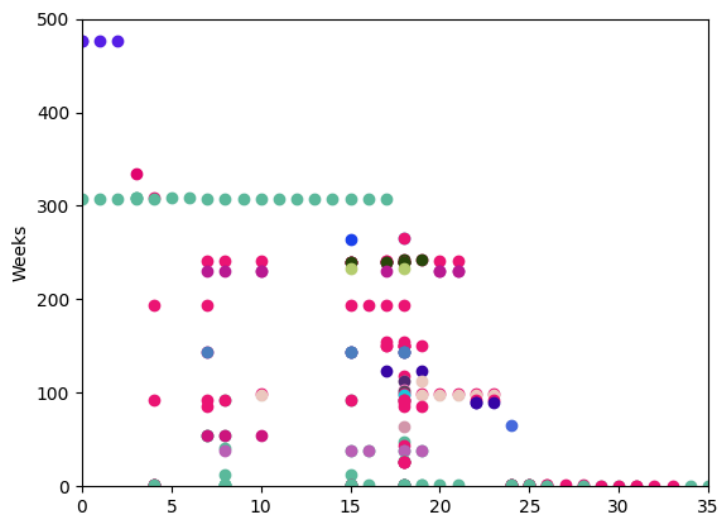
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Background

RootBeer is critical software that allows for automated checks to determine whether or not a device running Android is rooted. A rooted Android device is one which has been modified to give the user more privileged control within the operating system that they normally would not have. RootBeer is an open-source, collaborative project contributed to and maintained by over 30 authors.

Analysis

Using specialized software to scan the RootBeer repository for commits, which are changes to the existing codebase, we made note of several key factors. First, we noted key contributors. Namely, Scott Alexander-Brown (scottab) and Matthew Rollings (stealthcopter) contributed heavily to the project, both having contributed actively since 2015. The project has largely benefitted by them both. Moving on, there are some developers which have not contributed heavily or meaningfully. Namely, Leon Karabchevsky (LeonKarabchevsky) has only made one commit to resolve a minor issue. On a broader scale, the amount of contributions and changes to RootBeer have tapered down in recent years, as the project is largely functional and reliable, as shown by the contribution scatter-plot we created in our analysis.



Conclusion

To sum it all up, RootBeer is functional, healthy, and has an active and experienced team of developers maintaining it. There are no critical issues to report. The future of the project is expected to follow the same pattern of active improvement and maintenance that have defined its 9-year history.