

Why R Project Succeeded?

A Comparison of Open Source Software Projects Using R.

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Though thousands of open software projects (OSSPs) are initiated, most of them fail. On the contrary, R project succeeded to develop mature software, to build user community, and to keep active user-to-user interaction. This research compared 2,000 OSSPs, including R project, to explore key factor of success of OSSPs. Publicly available data, e.g., messages posted to mailing lists, CVS log files that track development activities, were compiled. Based on social network theory, coordination among developers, communication pattern between users, and growth of community were examined.