

A comprehensive literature review of the economics of open source software*

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Abstract

Open source software (OSS) is powering much of our digital infrastructure. From hosting websites, to working with databases and advancement of Machine Learning models. Recently, OSS has received increased attention from the economic discipline. Some work is motivated by the curious incentive structures, the economic value created through OSS or the available and detailed micro-data. The goal for this project is to openly and publically craft a literature review which summarises our findings about OSS, especially relating to economics. Inspired by OSS itself, this project is open to contribution from anyone. Reward in the form of co-authorship is given according to contribution.

Contribution guidelines:

1. Contributions to this project must be made through a pull request to the repo <https://github.com/aaron-lohmann/econ-oss>.
2. Position in author listing will be proportional to the amount of approved pull requests. Ties between the same amount of pull requests will be broken by the earliest contribution of an author.
3. Co-authorship will be granted upon two approved pull requests.

*Comments, questions, and feedback are welcome and can be directed to: aaron.lohmann@uni-bielefeld.de.

1 Introduction

See Schueller et al. (2022)

2 References

Schueller, William, Johannes Wachs, Vito D. P. Servedio, Stefan Thurner, and Vittorio Loreto. 2022. “Evolving Collaboration, Dependencies, and Use in the Rust Open Source Software Ecosystem.” *Scientific Data* 9 (1): 703. <https://doi.org/10.1038/s41597-022-01819-z>.