

CHAOSS Metrics

- Metrics clearly help inform how we think about complex issues related to open source project health:
 - D&I, Value, Evolution, Risk, and Common
- And metrics become even more valuable in practice
 - Some metrics are a bit easier to put into practice via software as they are derived from online trace data
 - Evolution (Commits)
 - Risk (Licenses)

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Diversity & Inclusion

- How do we build ways to bring the D&I metrics to practice?
 - Not easily derived from trace data (if at all)



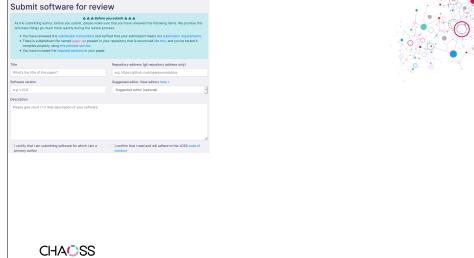
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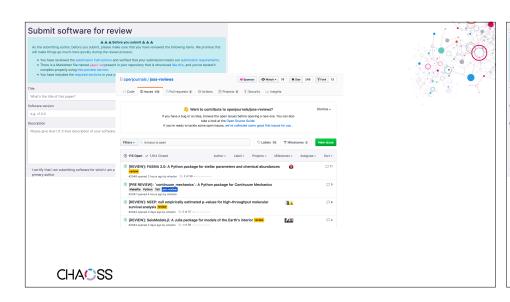


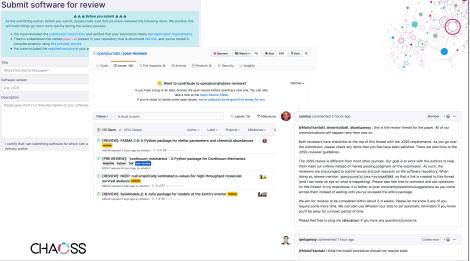
Journal of Open Source Software Arfon Smith @arfon



- Open source software is not easily published as an academic contribution
- Open source software is not easily recognized in cases of tenure and promotion
- How to publish open source software
 - Open and transparent submission process on GitHub
 - Authors submit links to the software via GitHub Issue
 - The software is openly reviewed for particular criteria
 - README
 - Tests
 - Code Commenting
 - The problems are openly discussed and resolved (or not) on the Issue
 - · The open source software is published







D&I Badging at Work

- CHAOSS D&I has four focus areas
 - We can start by concentrating on two with their included metrics (to date)
 - Event Diversity
 - Speaker Demographics
 - · Attendee Demographics
 - · Code of Conduct for Event
 - · Family Friendliness
 - Project Diversity
 - · Board/Council Diversity
 - Code of Conduct for Project
 - Mentorship
 - Sponsorship

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- How to Badge D&I Work
 - Open and transparent submission process
 - 1. Authors submit links to the D&I work
 - 2. The reported work is openly reviewed for particular criteria
 - Published Code of Conduct
 - Clear methods for capturing attendee demographics
 - Published efforts towards family friendliness
 - The review is performed and problems are openly discussed and resolved (or not) on a GitHub Issue
 - 4. The D&I Badge is awarded and recorded

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Why Do This?



To showcase the, sometimes unseen, D&I work that is happening in your projects

Challenges



- Reviewers
 - · Each badge request will require one reviewer
- Volume
 - If too many badge requests are issued, response time and quality may suffer
- Time
 - New D&I metrics will be released via the D&I working group
 - · As a project declines
 - · Will contribute to volume issues as renewals are needed

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Thanks. Feedback and Help Appreciated :)

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