



Your Open Source Community Metrics Should be Tracking More than Code

FOSDEM 2018

Jeremy Garcia - @linuxquestions



**BAD
VOLTAGE**





DATADOG

Metrics



Using metrics to make data driven decisions improves your ability to build sustainable open source communities.



What do you
want to
Measure?



~~What do you
want to
Measure?~~



What are you
trying to
accomplish?

What do I want to accomplish

- Want to better understand how responsive we're being to our community members
- Want to better quantify the value our community provides
- Want to understand where limited resources should be allocated
- Want to be able to track interactions
- Want to better understand those community members at a personal level

Other items to keep in mind

- Understand these requirements will always change
- Understand these requirements will vary per community (and the needs for projects will differ from those of products)
- Also important to understand what you don't want to track



Did not want to
build something
new

Available Options

- GrimoireLab - Bitergia
- oss-dashboard - Amazon
- osstracker - Netflix
- Gander - PayPal
- Many
- Many
- Others





Measure



Measure

(Thank you Linux Fund!)

Project Philosophies

- Should be simple
- Should look good
- Should offer an opinionated default experience, but be extensible
- Should be able to completely separate inside and outside contributions
- Should treat people as first class citizens

Implementation

- open source - Apache 2
- Uses ghcrawler from Microsoft to fetch information from GitHub
- From there builds a series of widgets and reports
- <https://github.com/MeasureOSS>

Contributions from the organization included

Open PRs

198

Pull Requests

mean 235 days open

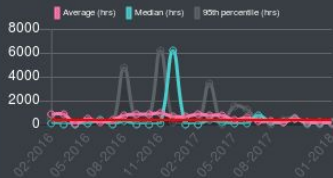
median 103 days open

95th percentile 2 days open

January: -310

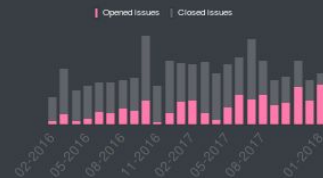
First issue response

Monthly Weekly



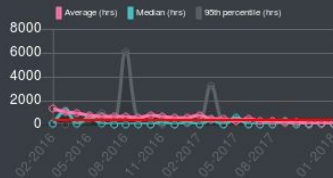
Issues open and closed this month

Monthly Weekly



Time to close an issue

Monthly Weekly



Total open issues

Monthly Weekly



Open issues

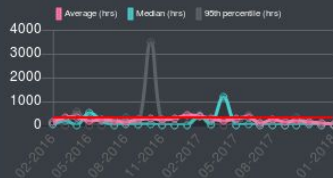


Open pull requests



First PR response

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