



CONTRIBUTOR EXPERIENCE 201

Inessa Pawson
Contributor Experience Lead
NumPy



FOSDEM 2023



TALK OUTLINE

About us

Why contributor experience matters

Improving contributor experience
in the SciPy ecosystem

- Governance and policymaking
- Supporting newcomers
- Supporting active contributors
- Supporting maintainers

Evaluating project health

Contributor Experience Project

ABOUT ME

Born and raised in Ukraine

Pythonista

Open source maintainer,
educator,
community builder





Melissa Mendonça

- Educator
- NumPy and SciPy maintainer
- Sr Developer Experience Engineer (Quansight)



Noa Tamir

- NumFOCUS board member
- Lead Data Science Coach (neue fische GmbH)

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Chan Zuckerberg Initiative

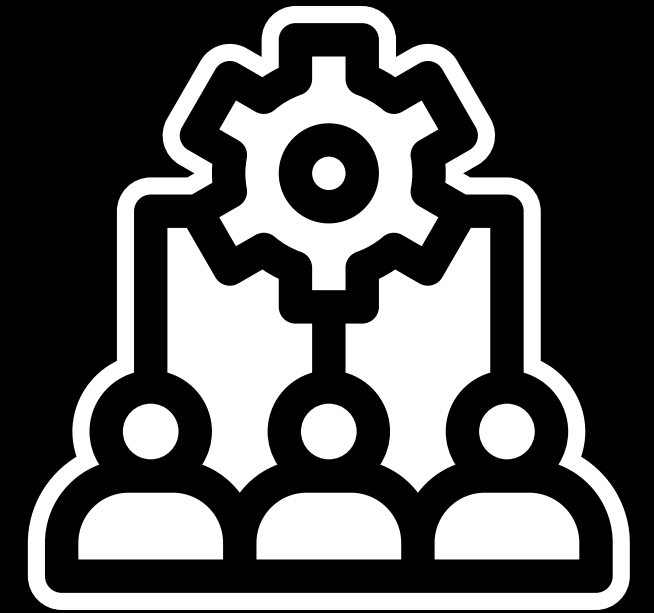




Let's talk about YOU

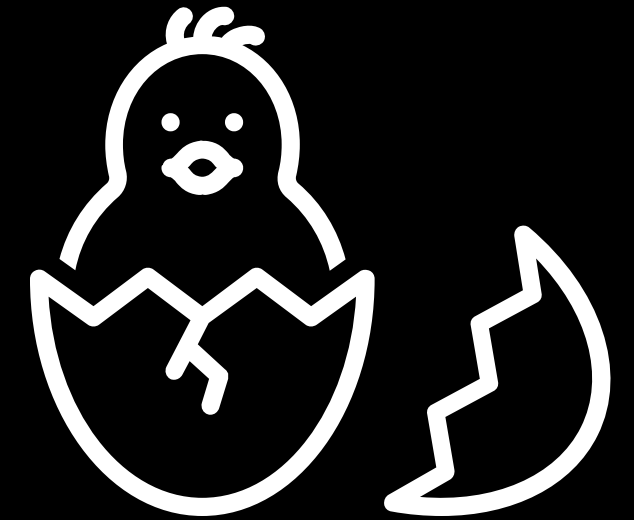


GOVERNANCE and POLICYMAKING



- Code of Conduct review
- policies on progression from a contributor to a team/project lead
- diversification of the roles
- bringing visibility and recognition to non-code work

SUPPORTING NEWCOMERS

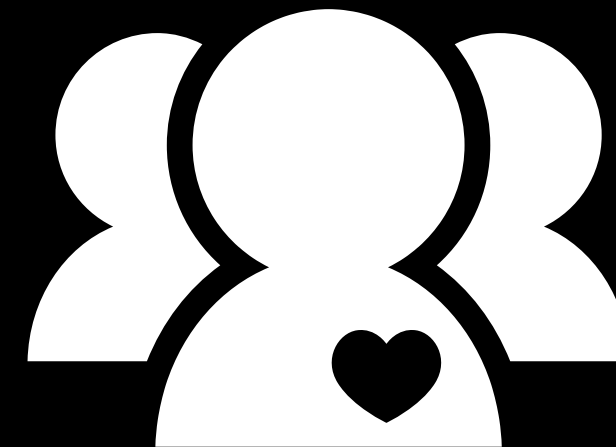


- tech documentation in a variety of formats (docstrings, contributor guidelines, tutorials on Jupyterbooks, YouTube videos, comics)
- safe spaces to ask questions (Newcomers Hours, pair programming sessions, dedicated Slack channels, newcomers sprints)
- timely PR triage and code review

Tech support

GitPod

GitHub Codespaces (just launched!)

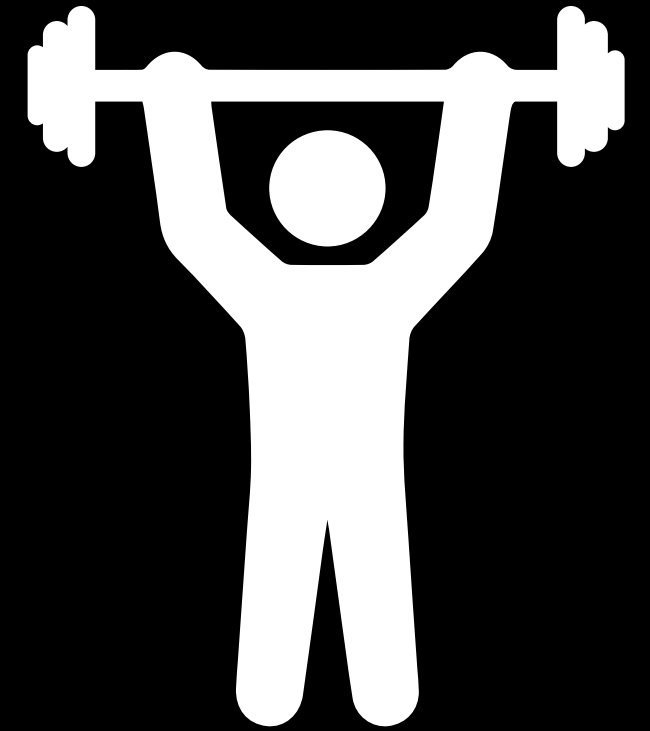


SUPPORTING ACTIVE CONTRIBUTORS

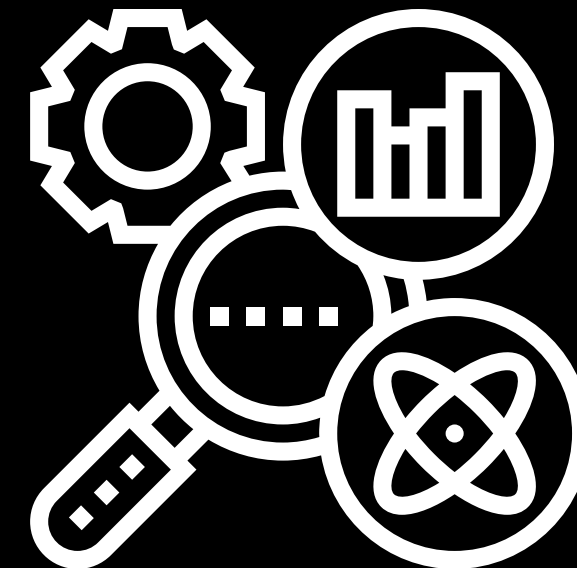
- teams
- documentation on contributor support and community management
- community events
- accessibility, including translations



SUPPORTING MAINTAINERS



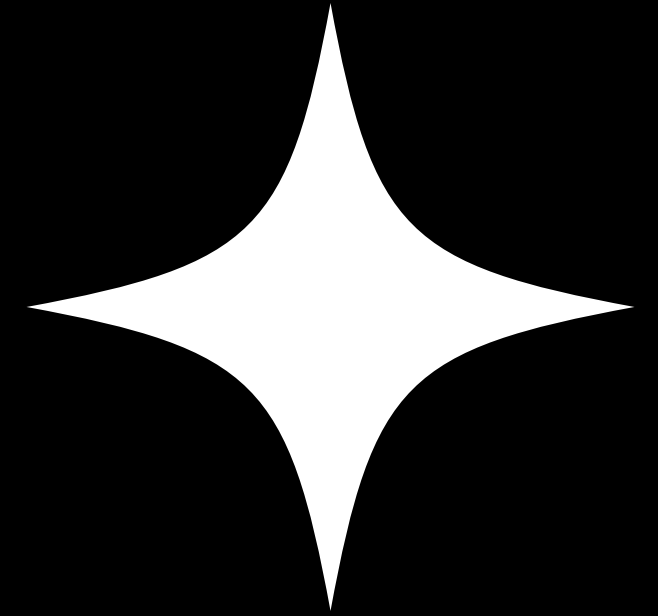
- code review guidelines
- saved replies
- PR triage on GitHub Projects
- succession planning



NUMPY PROJECT HEALTH

key metrics (according to CHA0SS)

- time to first response to review a PR by a first time contributor
- time to first response to review a PR



NUMPY NORTH STAR
=
second contribution

P.S. Qualitative research is equally important.



CONTRIBUTOR EXPERIENCE PROJECT

GitHub: <https://github.com/contributor-experience>

Zulip: <https://contributor-experience.zulipchat.com>

Twitter: @contributorxp



THANK YOU!

Let's connect
@inessapawson

