

Sorry this talk doesn't have any ChatGPT:

My experience submitting



David Nicholson, PyCon US 2023

nicholdav.info



NickleDave



@nicholdav



@nicholdav@fosstodon.org

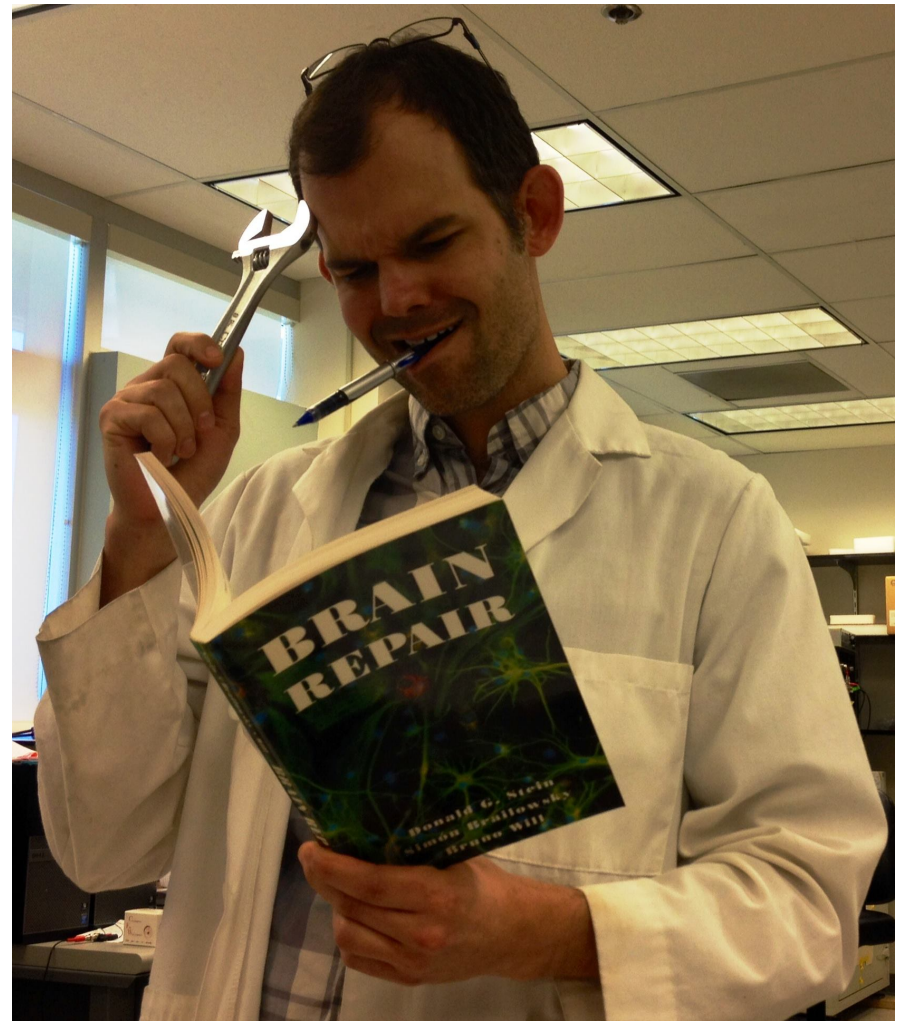
Who am I?

- high school dropout
- failed rock star



who am I?

- high school dropout
- failed rock star (scholar photo)
- PhD in neuro (songbirds--ask me later)



who am I?

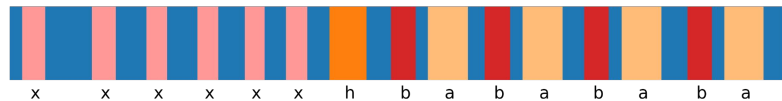
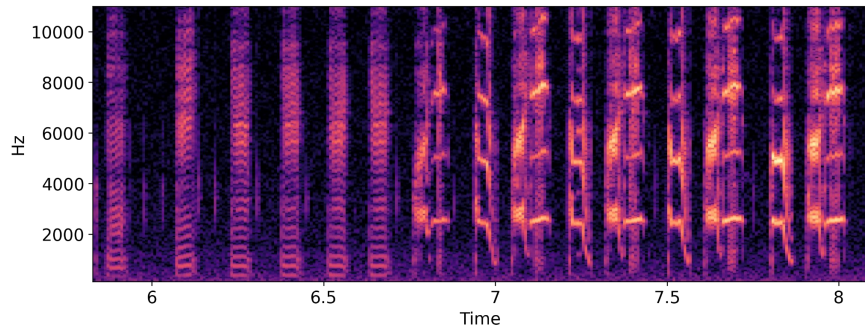
- high school dropout
- failed rock star
- PhD in neuro (songbirds)
- research software engineer (US-RSE)
- current editor in chief, pyOpenSci



who am I?

- high school dropout
- failed rock star
- PhD in neuro (songbirds)
- research software engineer (US-RSE)
- current editor in chief, pyOpenSci
 - non-traditional background →
 - I understand why we need to work on inclusivity in science and software
 - inclusivity is part of pyOpenSci's mission

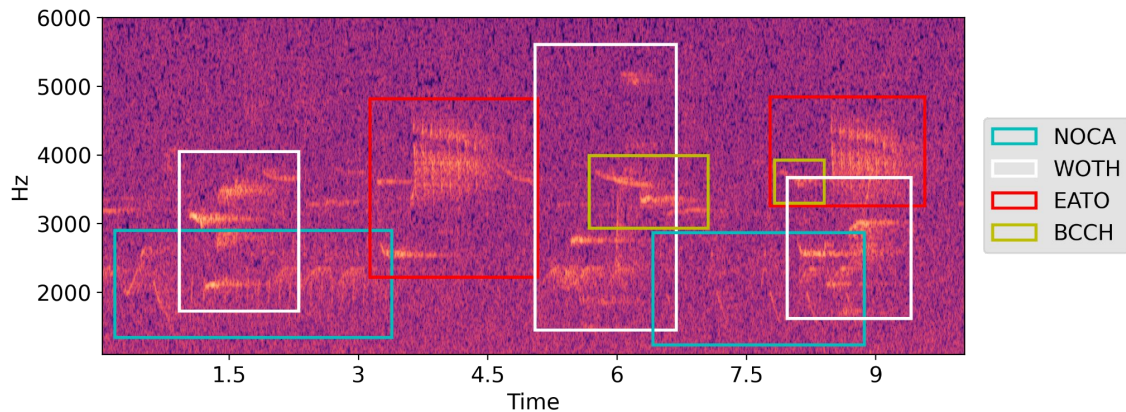




A Python tool to work with any format for annotating animal vocalizations and bioacoustics data



<https://github.com/vocalpy/crowsetta>



submitting to pyOpenSci

Leah Wasser, executive director

- Watch her maintainers summit talk, "[Demystifying Python packaging & improving package quality through peer review, documentation, and training](#)"
- And read our blog posts: <https://www.pyopensci.org/blog/>
- And check out our guides on review and packaging:
 - <https://www.pyopensci.org/software-peer-review>
 - <https://www.pyopensci.org/python-package-guide/>



pyOpenSci review begins

editor: Chiara Marmo

- project manager & contributor:
scikit-learn, astropy
- starts review by performing initial
checks on package and finding two
reviewers



pyOpenSci reviewers review

Tessa Rhinehart

- Grad student, Kitzes lab
(<https://github.com/kitzeslab>)
- Check out
<https://github.com/rhine3/bioacoustics-software>
- pyOpenSci Review:
 - fix issues with tutorials + vignettes
 - feedback on dev set up
 - pointed out I needed a linting session on CI!



pyOpenSci reviewers review

Sylvain Hauptert

- scikit-maad developer
- pyOpenSci review:
 - contributed idea + initial implementation of Raven format adapted from scikit-maad
 - spot issues with tests + documentation



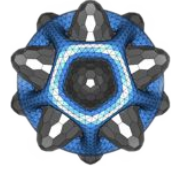
pyOpenSci technical expert reviews (optional)

Yannick Jadoul

- Developer of Parselmouth, Python wrapper for Praat ("Doing Phonetics by Computer")
- pyOpenSci review:
 - Technical expert brought in to review for Praat textgrids
- ~25 packages for reading TextGrids on PyPI
 - I have now read the code of roughly half of them
- I can now parse all the text formats--thank you Yannick!



Expedited review at Journal of Open Source Software (JOSS)



Olivia Guest

- editor, in this case also "reviewer" that helps make sure JOSS paper meets all criteria
- also: you should read her papers on computational cognitive science and AI
 - <https://oliviaguest.com/>





review, in review: a community garden

Tending the open source (scientific) software garden

- Adapting that name from the SciPy 2023 Maintainers' track (apologies)
- Science is actually just people working together, just community
 - Michela Masimi, "Perspectival Realism"
- Scientific software is one place where this becomes obvious

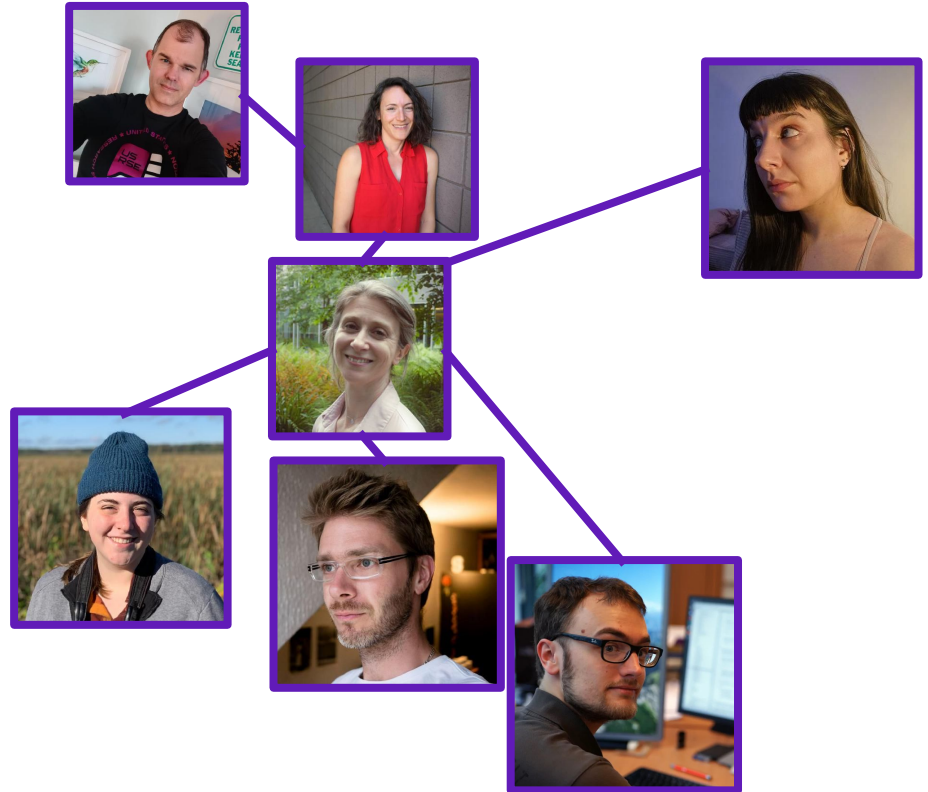




review, in review: a community garden

Tending the open source (scientific)
software garden

- So, if I can (also) paraphrase Brett Cannon and MixIn my metaphors:
- "I came to pyOpenSci for the science and programming language, I stayed to help tend the community garden"

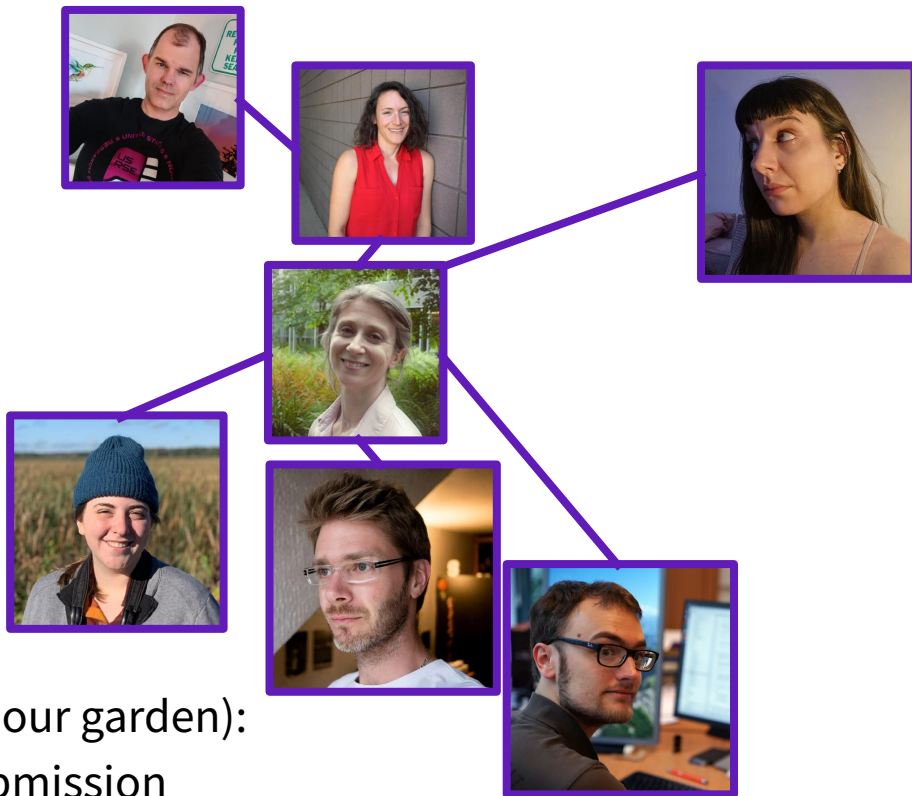




review, in review: a community garden

Tending the open source (scientific) software garden

- So, if I can (also) paraphrase Brett Cannon and MixIn my metaphors:
- "I came to pyOpenSci for the science and programming language, I stayed to help tend the community garden"



You can submit for review (and help us tend our garden):
<https://github.com/pyOpenSci/software-submission>