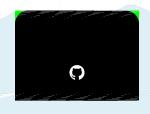
Scientific Python

From GitHub to TikTok



Juanita Gomez (Scientific Python) - juanitagomezr2112@gmail.com

Melissa Mendonça (NumPy) - melissawm@gmail.com

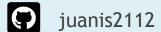
K. Jarrod Millman (NetworkX) - millman@berkeley.edu

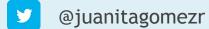
Inessa Pawson (NumPy) - inessa@albuscode.org

Stéfan van der Walt (scikit-image, NetworkX) - stefanv@berkeley.edu

A bit about me...







juanitagomezr2112@gmail.com

Juanita Gomez Romero



Colombian



Mathematician



Former Spyder developer



PhD student at UCSC



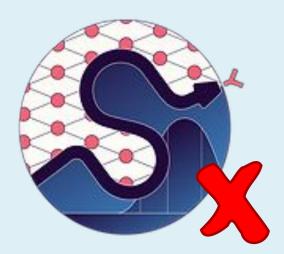
Community manager



Singer

What is Scientific Python?







Scientific Python



Ecosystem



 Python packages for scientific research and data analysis

Community



 Developers, maintainers and users of tools in the ecosystem

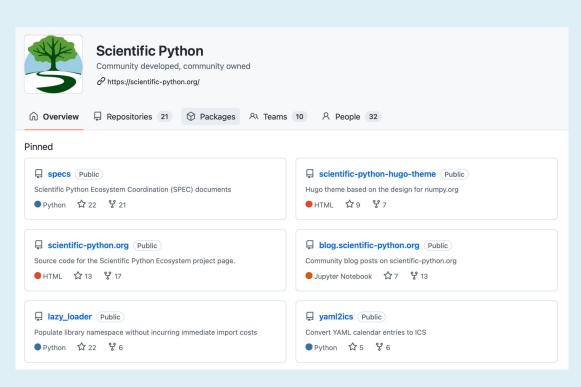
Project



Support the ecosystem and grow the community

What is the Scientific Python project?

https://github.com/scientific-python



- Communicationbetween projects
- Joint future



What is the Scientific Python project?



SCIENTIFIC PYTHON ECOSYSTEM COORDINATION

SPECs provide operational guidelines for projects in the scientific Python ecosystem. All community members and ecosystem projects are welcome to participate in the SPEC process. The SPEC process is described in the SPEC Purpose and Process, SPEC Steering Committee, and SPEC Core Projects documents. Community discussions take place on the SPECs Discourse forum.

Contributors must adhere to our code of conduct.

Title	Endorsed By
SPEC 0 — Minimum Supported Versions	DRAFT
SPEC 1 — Lazy Loading for Submodules	DRAFT
SPEC 2 — API Dispatch	DRAFT
SPEC 3 — Accessibility	DRAFT

In this talk:

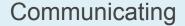
- Community building
- Community outreach



Cross-project policies

Why?

Open source is about:





Teaching





Collaborating



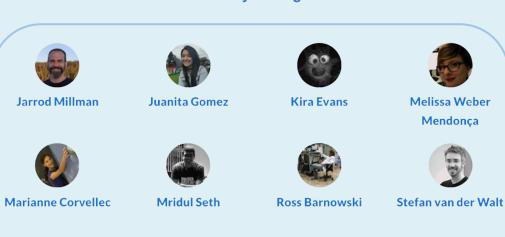
Goal: Unify the community by promoting integration, diversity, and wide participation, while generating resources that help bring contributors, developers, and users together.

Who?

Community of volunteers from the Scientific Python packages of the ecosystem.



Community managers



Core Projects



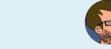


Who?

Steering committee



Brigitta Sipőcz



Matthias Bussonnier



Georgiana Elena



Paul Ivanov



Jarrod Millman



Juan Nunez-Iglesias



Joris Van den Bossche



Juanita Gomez



Kira Evans



Kristen Thyng



<u>Lucy Liu</u>



Melissa Weber Mendonça



Madicken Munk



Elliott Sales de Andrade



Ralf Gommers

SPEC STEERING COMMITTEE

DESCRIPTION

The SPEC process is managed by the Steering Committee. The Steering Committee represents the interests of the ecosystem and the community. The Steering Committee also represent the interests of the Core Projects and is composed partially of individuals who are active Core Project contributors. In particular, the Steering Committee members

- monitor the SPECs discussion forum,
- determine which proposed SPECs are accepted as described in the SPEC Purpose and Process,
- approve changes to the SPEC process including to the SPEC Purpose and Process, SPEC Steering Committee, and SPEC Core Projects, as well as
- serve as a communication channel to and from projects they contribute to as well as the larger ecosystem.



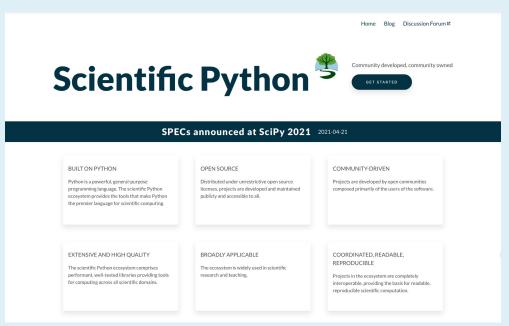
1. Documentation





https://scientific-python.org

- Central place for information
- Resources for many of the projects
 - 1. Orientation for newcomers
 - 2. Interviews for community introductions
 - Demos for problem solving





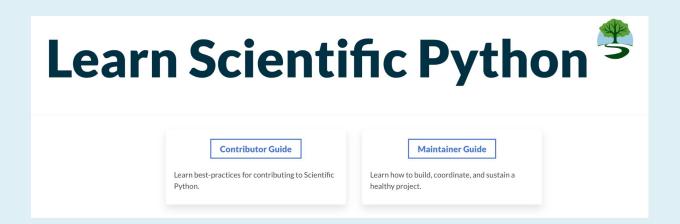
1. Documentation





https://learn.scientific-python.org

- 1. Contributor Guide
- 2. Maintainer Guide
- 3. Community Guide



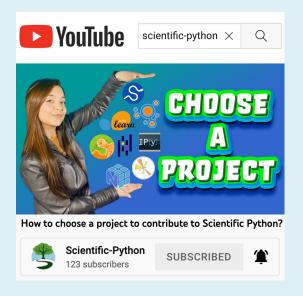
1. Documentation



Orientation for newcomers





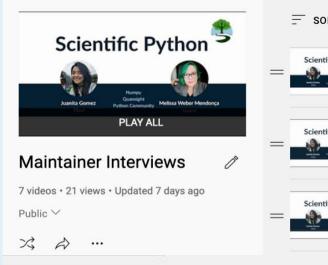


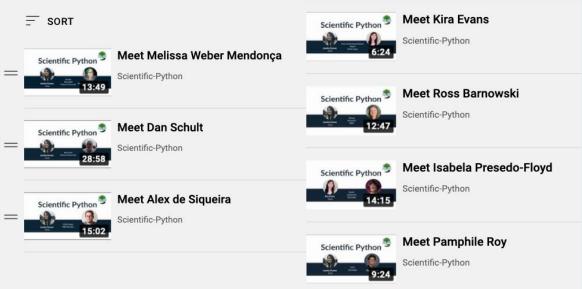


1. Documentation



Interviews for community introductions







1. Documentation

Demos for problem solving











Navigate to the folder and add the upstream repository

~/numpy (main) » git remote add u**jbk**t



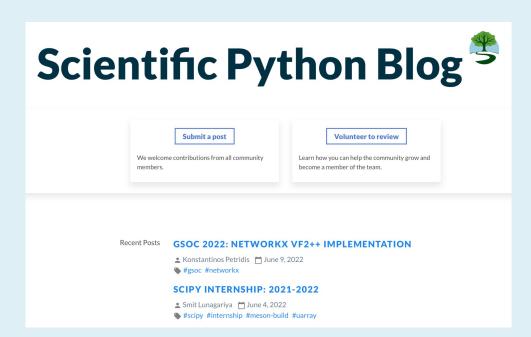
2. Blogpost



https://blog.scientific-python.org

- Place to share thoughts and ideas
- Learn about the ecosystem
- Build knowledge together
- Integration between several packages
- Share different perspectives





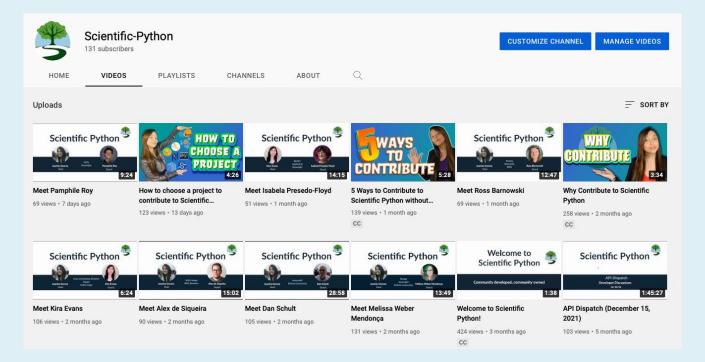


- Outreach and engagement
- Direct interaction with users and developers
- Call people's attention
- Break barriers between developers and users



3. Social media







3. Social media





⊞ POSTS

□ REELS



Edit Profile



92 followers 170 following

Scientific Python

11 posts

Community developed, community owned.

Community Videos U





YouTube scientific python × Q.



PYCON 22



Three core packages

from the Scientific Python ecosystem **3** / A







SciPy2022

















Community

Ecosystem

Contribute

Interviews



























ROSS BARNOWSKI





3. Social media



Five ways to contribute to Scientific **Python** without coding



verify and triage issues using the project's issue tracker



check vopen PR's in the project's repository and summarize discussions or test proposed changes

improve the project's documentation by fixing typos. reporting missing parts or creating new content



check if the project uses online platforms for translations such as crowdin and help translating the interface. webpage or documentation



Participate in the project's community by getting involved in discussions helping mewcomers or sharing content on social media







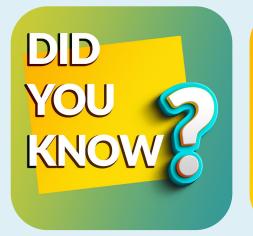




3. Social media









When first contributing to an open source project, it's best to start with small, self-contained issues.



Often, maintainers will label issues with the "good first issue" label, sotakea look at those first.



Examples of a good first issue include fixing a small bug, adding tests, fixing documentation typos, or writing up simple documentation.

3. Social media





scientific.python

Scientific Python

Follow

36 Following 22 Followers 130 Likes Community developed, community owned

Videos

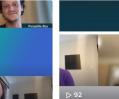
Liked





Why should you contrib... Pamphile Roy from Sci...







Meet Pamphile Roy! He... Listen 9 to advice from...



Isabela Presedo-Floyd f...



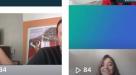
How to configure a rem...



Ross Barnowski from N...



Meet Ross Barnowski! ...



Kira Evans from the Na...



Meet Kira Evans. She is...





Alex de Siqueira talks a... Dan Schult from Netwo...







Where?

Come join us: $\forall \forall \forall \forall \forall \forall$













scientific-python.org



scientific-python



Scientific-Python



@scientific_py



scientific.python



scientific.python



@scientific.python





https://discord.gg/vur45CbwMz



https://discuss.scientific-python.org

Finally ...









- Understand the needs of users and developers
- Consider the preferences and behaviors of our audience.
- Expand the channels of communication in order to reach a greater amount of people.
- ☐ Integrate social media because it is a big part of people's lives!

Welcome to Scientific Python!









juanis2112



@juanitagomezr



juanitagomezr2112@gmail.com