

Scientific Python

By maintainers, for maintainers

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Quansight

NUMFOCUS
OPEN CODE = BETTER SCIENCE



Scientific Python

Community | developed
owned



SPEC as Scientific PEP

<https://scientific-python.org/specs>

>>> **Scientific Python**
Ecosystem Coordination
documents

>>> Community guidelines and
recommendations

>>> Steering committee

>>> 💡 Ideas?

SPEC 0 - Minimum Supported Versions

SPEC 1 - Lazy Loading for Submodules

SPEC 2 - API Dispatch

SPEC 3 - Accessibility

SPEC 4 - Typing

SPEC 5 - Math formatting

SPEC 6 - Common CLI for developers

A modern Theme

scientific-python/scientific-python-hugo-theme

>>> Hugo template

>>> Fast

>>> Flexible

>>> Landing page

>>> Developers needed

The screenshot shows the SciPy website landing page. At the top right, there is a navigation menu with links for 'Install', 'Documentation', 'Download', 'Community', 'About Us', and 'Contribute'. The main header features the SciPy logo and the tagline 'Fundamental algorithms for scientific computing in Python', with a 'GET STARTED' button. A dark blue banner below the header announces 'Join us at SciPy 2022 July 11th - 17th!' with the date '2022-06-27'. The main content area is divided into six white boxes, each with a title and a short description: 'FUNDAMENTAL ALGORITHMS', 'BROADLY APPLICABLE', 'FOUNDATIONAL', 'PERFORMANT', 'EASY TO USE', and 'OPEN SOURCE'.

The screenshot shows the NumPy website landing page. At the top right, there is a navigation menu with links for 'Install', 'Documentation', 'Learn', 'Community', 'About Us', and 'Contribute'. The main header features the NumPy logo and the tagline 'The fundamental package for scientific computing with Python', with a 'GET STARTED' button. A dark blue banner below the header announces 'NumPy 1.23.0 released'. The main content area is divided into six white boxes, each with a title and a short description: 'POWERFUL N-DIMENSIONAL ARRAYS', 'NUMERICAL COMPUTING TOOLS', 'INTEROPERABLE', 'PERFORMANT', 'EASY TO USE', and 'OPEN SOURCE'.

Calendars at a glance

<https://scientific-python.org/calendars>

>>> Projects calendars

>>> Add yours!

< > today		JUL 17 – 23, 2022		month week list	
Monday				July 18, 2022	
9:00am - 10:00am	● NumPy Documentation Team meeting				
Tuesday				July 19, 2022	
3:00pm - 4:00pm	● scikit-image Community Call (Americas/Oceania)				
Wednesday				July 20, 2022	
11:00am - 12:00pm	● NumPy Community Call				
Thursday				July 21, 2022	
10:00am - 11:00am	● NetworkX Community Call (Americas/Oceania)				
9:00pm - 10:00pm	● Weekly Matplotlib Call				
Friday				July 22, 2022	
7:00pm - 8:00pm	● Monthly SciPy New Contributor Meeting				

Know your audience with Analytics

<https://views.scientific-python.org>

>>> Lightweight: Plausible

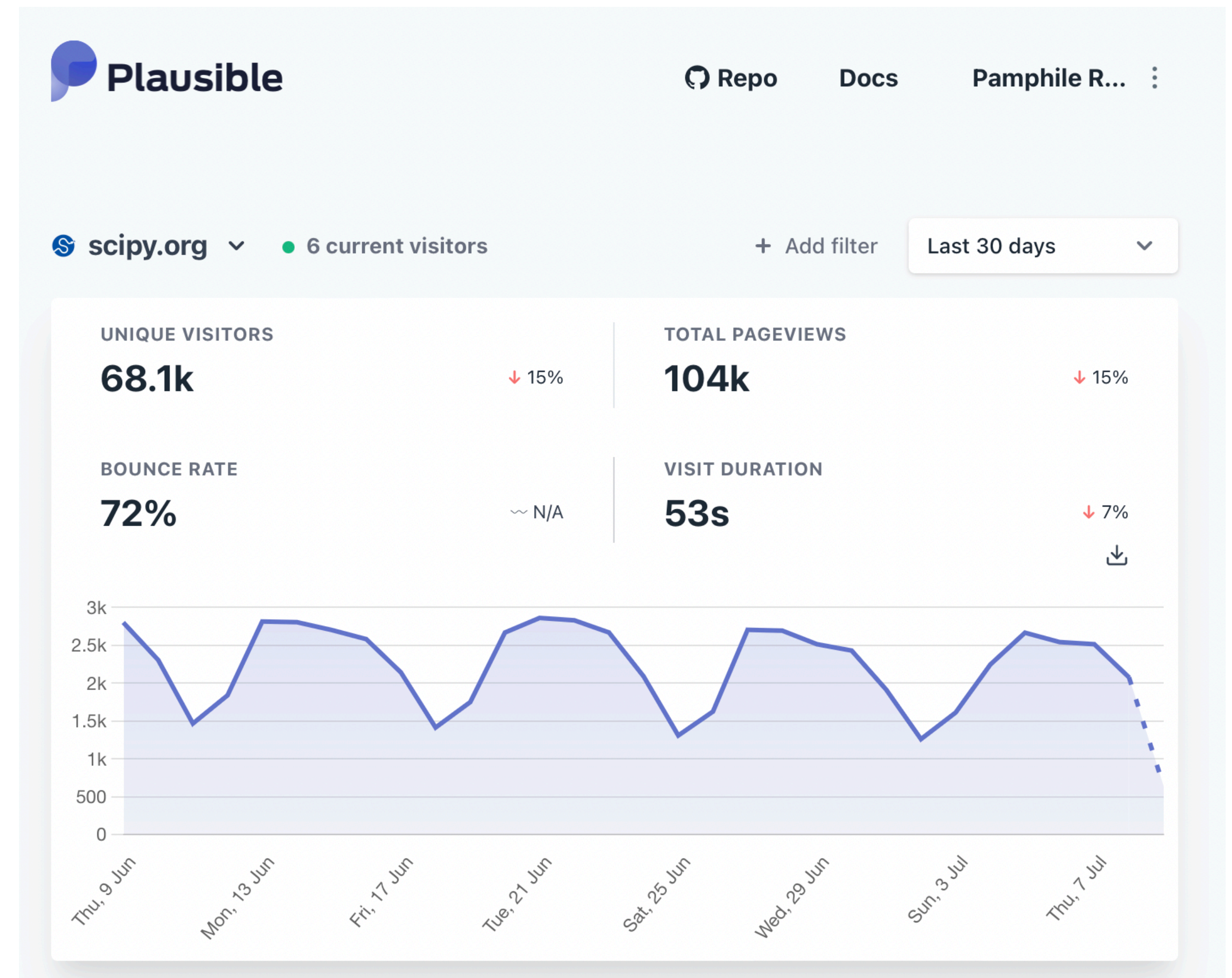
>>> Self hosted server

>>> Open to projects

>>> Prioritize

... Doc improvements

... Developments



Tell a story on the **Blog**

<https://blog.scientific-python.org>

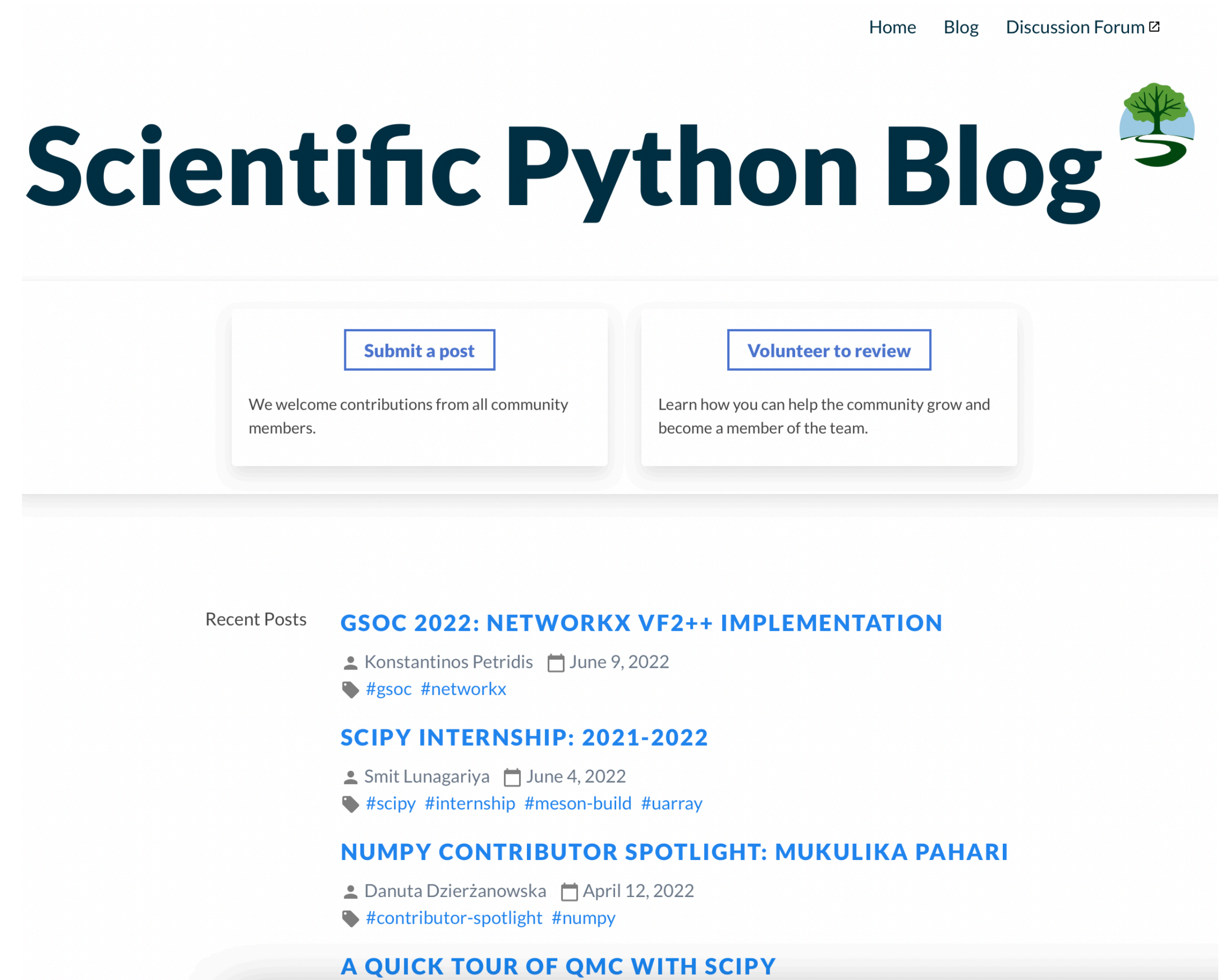
>>> Community blog

... Use case

... Tutorial

... Achievements

>>> Community owned



The screenshot shows the homepage of the Scientific Python Blog. At the top right, there are navigation links for Home, Blog, and Discussion Forum. The main heading is "Scientific Python Blog" with a logo of a tree on a path. Below the heading are two call-to-action boxes: "Submit a post" and "Volunteer to review". The "Submit a post" box says "We welcome contributions from all community members." The "Volunteer to review" box says "Learn how you can help the community grow and become a member of the team." Below these are "Recent Posts" with three entries: "GSOC 2022: NETWORKX VF2++ IMPLEMENTATION" by Konstantinos Petridis (June 9, 2022), "SCIPY INTERNSHIP: 2021-2022" by Smit Lunagariya (June 4, 2022), and "NUMPY CONTRIBUTOR SPOTLIGHT: MUKULIKA PAHARI" by Danuta Dzierzanowska (April 12, 2022). A fourth post, "A QUICK TOUR OF QMC WITH SCIPY", is partially visible at the bottom.

Home Blog Discussion Forum

Scientific Python Blog

[Submit a post](#)

We welcome contributions from all community members.

[Volunteer to review](#)

Learn how you can help the community grow and become a member of the team.

Recent Posts

GSOC 2022: NETWORKX VF2++ IMPLEMENTATION

Konstantinos Petridis June 9, 2022

#gsoc #networkx

SCIPY INTERNSHIP: 2021-2022

Smit Lunagariya June 4, 2022

#scipy #internship #meson-build #uarray

NUMPY CONTRIBUTOR SPOTLIGHT: MUKULIKA PAHARI

Danuta Dzierzanowska April 12, 2022

#contributor-spotlight #numpy

A QUICK TOUR OF QMC WITH SCIPY

Discuss + Discord = (Mailing List)

<https://discord.gg/vur45CbWmz>

<https://discuss.scientific-python.org>

>>> 160 people 

>>> Propose ideas 

>>> Support

>>> Collaborate

>>> Maintain



Dev Stats

<https://devstats.scientific-python.org>

>>> Project health

>>> Velocity

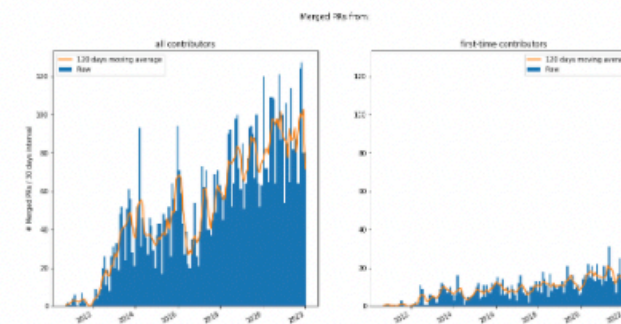
>>> Support

>>> Sustainability

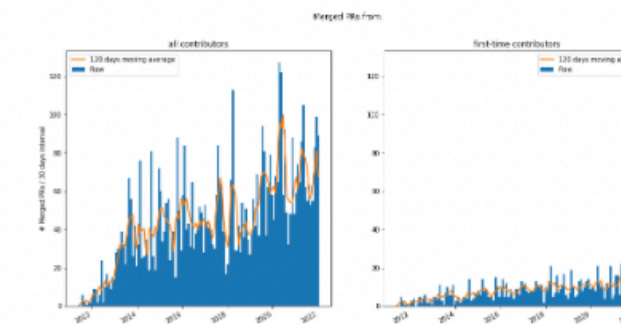
>>> 💡 Ideas? *Better even, volunteer time!*

Project Statistics

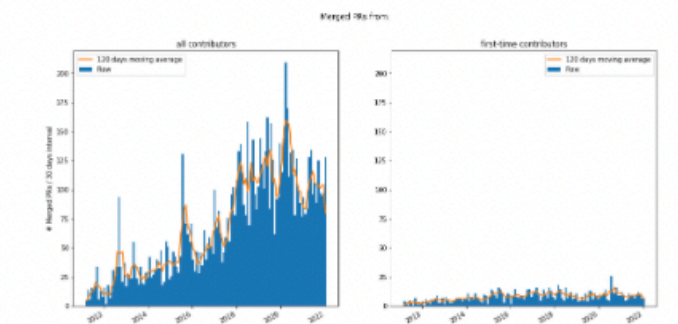
This website tracks the recent development history of the Scientific Python ecosystem.



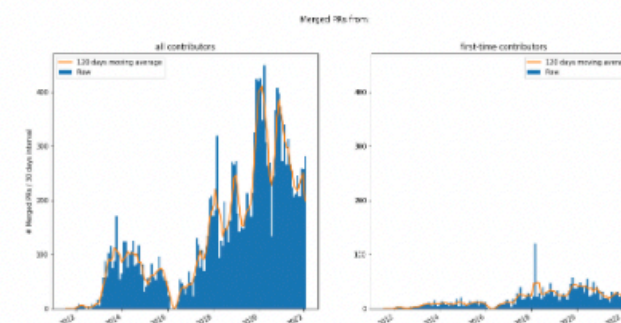
NumPy stats



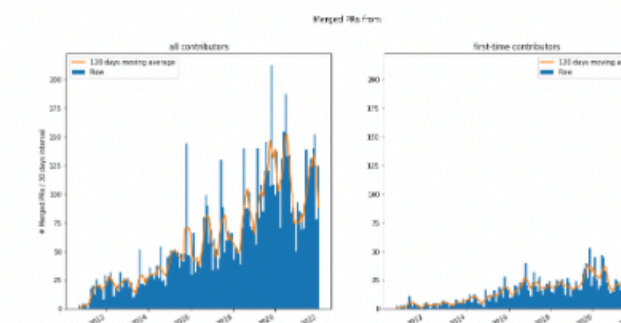
SciPy stats



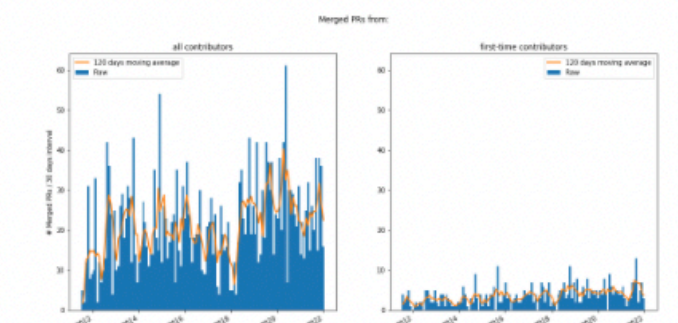
Matplotlib stats



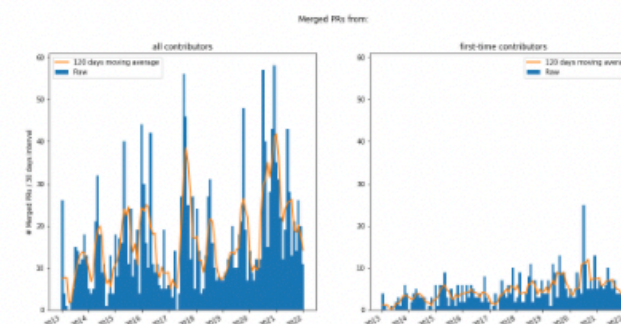
Pandas stats



scikit-learn stats



scikit-image stats

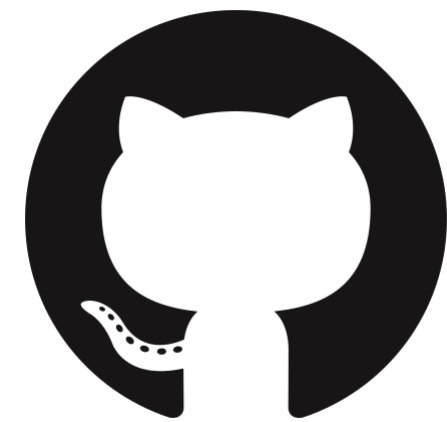


NetworkX stats

You have a **Voice**

Not just Python!

Hugo, CSS, Designers, DevOps, Authors, Moderators, Active participants...



scientific-python

Thank You!

Any Ideas?

We all are Scientific Python



scientific-python.org



[scientific-python](https://github.com/scientific-python)



[Scientific-Python](https://www.youtube.com/channel/UC8v31111111111111111111)



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