20
YEARS of
PYCON

[2023] PYTHON SOFTWARE FOUNDATION - ANNUAL IMPACT REPORT
The Python Software Foundation is the organization behind Python. The PSF is an open membership organization, and we are made up of, governed, and led by the community. We exist to support the full Python ecosystem and community, for all uses and users of Python. If you contribute to the Python community in any way, whether as a member of the PSF, a PSF sponsor, a developer, an educator, a member of a local Python group, an organizer or attendee of a PyCon or other Python event, you are a part of the PSF and you make the work we do possible.
Our mission is to promote, protect, and advance the Python programming language, and to support and facilitate the growth of a diverse and international community of Python programmers.
The PSF provides the structure and stability that the Python language, its contributors and users need to thrive.

- We distribute Python, free of charge and available to all
- We establish PSF licenses, hold intellectual property rights to most Python releases, and protect Python-related trademarks
- We help coordinate and put resources behind improvements to the Python codebase and new Python releases

The PSF empowers the people who make up the Python community, and we promote connection, diversity, and growth within the Python community.

- We host PyCon US, the annual event for celebrating, learning about, and coming together around Python
- We provide grants to groups across the globe hosting events for and by Pythonistas supporting each other and welcoming newcomers
- We fiscally sponsor 20 Python-related community groups, conferences, and projects to allow them to continue their contributions to the community with organizational infrastructure behind them

We fulfill our mission through these core activities:

The PSF provides the structure and stability that the Python language, its contributors and users need to thrive.

- We distribute Python, free of charge and available to all
- We establish PSF licenses, hold intellectual property rights to most Python releases, and protect Python-related trademarks
- We help coordinate and put resources behind improvements to the Python codebase and new Python releases
The PSF facilitates advances in the Python language, Python-related technology & education resources.

- We host PyPI, the Python Package repository, and we are constantly working on how to best serve PyPI users
- Our Developers-in-Residence amplify volunteer contributors’ impact by processing CPython pull requests, tackling structural improvements, and improving security
- We encourage Python-related research in the public interest and disburse Science and Education Grants to educators, researchers, and learners

Looking forward, the PSF aims to help the Python ecosystem grow and thrive by reaching and welcoming an ever larger and more diverse group of Pythonistas to enjoy using Python and being part of our community.
A Letter from our Executive Director

BY DEB NICHOLSON, EXECUTIVE DIRECTOR

We brought on Seth, Mike, Marisa, and Marie in 2023, and in January of 2024 we also added two more people for the CPython team, Petr and Serhiy—welcome aboard! This increased capacity at our small but mighty organization has enabled us to do more of the things we know are needed for Python’s continued success.

What we’ve already done MORE of in 2023

MORE SECURITY
You may have read that we have been working hard to provide better security and service to CPython and PyPI users. Thanks to Seth Larson’s hard work, we became a CNA this year, which makes it easier for any party to report a vulnerability, use secure versions of Python, and apply remediations and patches. And thanks to Mike Fiedler’s tireless dedication, we rolled out 2FA for all users on PyPI.

MORE COLLABORATION
We’ve now got the capacity in house to write grants and have started seeing where we can collaborate. We’re grateful for partnerships with the Alpha-Omega project, AWS, Bloomberg, and Georgetown University for funding for three of the new technical roles I mentioned at the start of this letter, as well as Meta’s ongoing funding for the CPython Developer in Residence—it’s been transformative to be able to go from a vision from the community of what a role could look like to bringing people on board to seeing steady, tangible progress against the communities’ long term priorities. Loren Crary is leading the charge to find more entities that both care deeply about Python and are interested in funding our work. We’re looking at both government and academic partnerships and are actively building the relationships that will take our work to the next level.

MORE SERVICE TO THE COMMUNITY
Marie Nordin has helped us revive the PSF Newsletter. Under Laura Graves’ and the Grants Work Group’s stewardship, we gave out $374K in grants this year and began a journey to revitalize the Grants Program with a goal of better serving all the parts of our community, especially where there’s the most opportunity for our support to create an impact. In 2024, Marie and Laura will be working together with the Grants Working Group to see that the Grants Program continues to grow and thrive. We also gave out a record amount of travel grants ($280K) at PyCon US 2023 (with $50K provided by PyLadies) and PyCascades.
MORE FISCAL SPONSOREES

This was a big year for new fiscal sponsorees as Python Meetups and other local events started to really bounce back from the early days of the pandemic when in-person activity had really dwindled. Our Accounting Team—Phyllis Dobbs, Laura Graves, and Joe Carey—onboarded Bandit, BAPYA (Bay Area Python Groups), ChiPy, Denver Python User Group, North Bay Python, PyOhio, and Twisted in 2023. We welcome all of our new fiscal sponsorees and are excited to work with each organizing team.

MORE PYCON US

We celebrated the 20th anniversary of PyCon US, welcoming 2,159 attendees in Salt Lake City, and 491 joining the online event. From the first tutorial session to the last day of sprints, we learned, connected, collaborated, and had a lot of fun. Under our Program Director Olivia Sauls’ leadership, a huge team of volunteers, speakers, presenters, staff, and sponsors came together to make it all possible, and the attendees brought their curiosity, knowledge, friendliness, and that special PyCon US energy that makes it a highlight of each year.

MORE ADVOCACY

The PSF worked with the wider open source community to address the parts of the EU’s proposed Cyber Resilience Act that seemed potentially detrimental for our community. Through discussion and education, the final version of the law had much better clarity on who should be responsible for open source software security. We’ve also been following the conversation around cyber-security in the US. “The US government invited us to participate in a call for information about how we approach and solve security issues.”
What’s in store for 2024?

MORE TECHNICAL DEVELOPMENT
With two new CPython developers-in-residence, Petr Viktorin and Serhiy Storchaka, joining Senior Developer-in-Residence Łukasz Langa’s team, expect great strides in core development and community facilitation.

EVEN MORE SECURITY
Ee Durbin continues working with our Security staff, overseeing Seth Larson and Mike Fiedler as we build long-lasting, community-driven security on both the CPython side and PyPI side. Expect lots of updates and requests for input as we push forward to meet the evolving needs of Python contributors, users, and package maintainers.

MORE LISTENING
After prompting from community members, we began a process of reviewing and reorganizing our Grants Program. We want to make sure that our application process is as smooth and transparent as possible and ensure that we are serving the community’s needs while recognizing and supporting the diversity of Python users around the world. If you have questions, ideas, or want to help, please let us know. We welcome you to join the PSF Grants Program Office Hours on Discord.

MORE CELEBRATION
We want to spend more time celebrating community members and contributors that make Python so special. We need to hear from you about community members that we should be recognizing and lifting up! Please nominate your fellow Pythonistas for CSA or DSA Awards. We’re also interested in supporting more community endeavors, like Podcasts and your Hatchery plans—please get in touch with your ideas!

MORE WELCOMING
One more lovely thing that happened this year—we received a GitHub Award under the Wonderfully Welcoming category in November! It was really gratifying to see our community recognized for something we collectively spend a lot of time on. We intend to continue expanding the universe of people who consider themselves part of our friendly community in 2024 and I hope you’ll join us in doing an excellent job of welcoming the next batch of Pythonistas into the fold!

Yours for more of everything,

DEB
Notes from our PSF Board of Directors and PyCon US Chair

Attending PyCon US has been a life-changing experience for me.

BY MARIATTA WIJAYA, PYCON US CHAIR

Back in 2015, I received financial aid through PyLadies for attending the conference, and it kickstarted my journey in the Python community. Seeing many women speaking at PyCon US was what inspired me to start speaking at conferences too, which in turn started a new personal tradition of doing ice cream selfies after giving a talk at a conference as a way to reward myself.

It was also at PyCon US 2015 that I listened to the keynote speech from Guido van Rossum regarding diversity issues in the core Python team, and how at that point there were no women as Python core developers at all, and that the Python Language Summit was attended by 50 men. Up to that point I didn’t even know that there was such a thing called “Python core developer”. It made me realize that I didn’t know much about the Python community at all. The speech inspired me to be more involved in the Python community and to eventually become a Python core developer myself.

I did not expect to one day be the one chairing the PyCon US conference myself. Without the financial aid and support from PyLadies and the Python community, I would not be where I am today.
This year we invested a lot of time and energy into initiatives that connect the community.

BY DAWN WAGES, BOARD OF DIRECTORS, CHAIR

My chief goals on the board as the chair are to:

- Strive for healthy debate and consensus
- Be a liaison between the board and staff
- Look for opportunities for strategy and efficiency on the board

It is not always easy to accomplish these goals with our varying interests, expertise and ideas; but we have had many rewarding ends to conversations with our eyes fixed on supporting the Python Software Foundation and its members. The passion is shared among this wonderful board and it’s been an honor to serve in this role.

We’re thrilled that our global interest in Latin American, Asian, and African Python events has meant closer relationships with regional leaders with specific requests to address the underrepresented global audience. We are ready to roll up our sleeves and continue to support the Python community globally. This year we invested a lot of time and energy into initiatives that connect the community. Join us for Grant Office Hours!
2023 was the year of collaboration—from CPython internals, through process improvements for Python development, all the way to fostering external contributions and expanding the Developer in Residence program.

The biggest news is the acceptance of PEP 703 by the Steering Council, and the resulting work towards bringing it to light. If you’re not familiar with the cryptic combination of a three-letter acronym and numbers, PEP 703 is the design document that describes how Python can make the Global Interpreter Lock (GIL) optional. It’s a change of unprecedented magnitude in Python, and with that comes the need for unprecedented caution. Sam Gross, the author of the PEP, described not only a feasible way to build a usable Python without the GIL, but provided a proof-of-concept implementation. Łukasz supported the change from Day 1, helped with bringing it under discussion with other core developers, formalized it in the form of a PEP, and sponsored it under his role as a CPython developer.

Łukasz joined Steve Dower as a member of the release team who prepares Windows installers. We’re still on our way to do the same for macOS but in the meantime Łukasz started helping Anthony Sottile release freshly built Python versions on Ubuntu as part of Anthony’s deadsnakes project. All in all, Łukasz was involved in essentially every release made in 2023.

At PyCon US 2023 we hosted the largest Python Language Summit in the history of PyCon US. Łukasz organized the Summit, including inviting external community members, some of whom became regular Python contributors! Every PyCon US ends with a sprint, and this time Łukasz supported newcomers who wanted to make...
their first contributions to Python. When the time came for EuroPython 2023 in Prague, Łukasz led the CPython sprint, which was so overflowing with contributors, we had to spill over to neighboring rooms.

The Python Core Developers met for a dedicated core sprint week in 2023 at Red Hat in Brno, Czechia. Organized by Petr Viktorin, this was a particularly fun and productive week. Łukasz worked with Mariatta Wijaya on upgrading some bots to serve as GitHub apps, which aligns them with the current requirements of the platform. During 2023, Łukasz reviewed and merged close to 500 pull requests within the Python organization on GitHub, most of them authored by other Core Developers.

A few of those upgrades were security improvements, like requiring second-factor authentication for all Python organization members on GitHub and adopting Sigstore as the technology to sign Python releases with signature and key transparency logs. Łukasz collaborates with Seth Larson, the PSF Security Developer-in-Residence, on a regular basis, as well as the Python Security Response Team.

What’s next? In late 2023, Łukasz got involved with upgrading speed.python.org, the platform to run and gather benchmarks of Python. It will need to become more powerful for the upcoming changes to Python. On top of that, work as a Developer-in-Residence has now transformed from a solo role into a team, which means more long-term planning is taking place to utilize our newly found development velocity.
Open source software supply chain security took off in 2023 including in the Python ecosystem.

Motivated by attacks on the software supply chain, exploitation of software vulnerabilities, and new regulations from governments, users are looking for solutions to maintain safety and integrity while participating in open source software ecosystems. Maintainers of open source want their projects to be secure, but in many cases there is a gap in time, resources, and tooling that stands in the way of holistic improvements.

To address these needs in the Python ecosystem, the Python Software Foundation hired Seth Larson as the inaugural Security Developer-in-Residence in June 2023. This position was possible thanks to grant funding from Alpha-Omega. The role has the mandate to improve the security posture of the entire Python ecosystem, including the Python runtime, Python packages, and infrastructure like the Python Package Index (PyPI). You can follow along with work being done on the PSF blog and Seth’s personal blog with frequent updates.

The first project was to improve Python’s ability to manage and publish vulnerabilities. Our vulnerability management process before was driven entirely by external organizations like MITRE which would assign CVEs on behalf of reporters, sometimes without consulting Python’s Security Response Team. This resulted in CVEs that sometimes were incorrect, confusing to users, or didn’t contain all the information needed to remediate like patches and work-arounds.

Towards having more involvement in the vulnerability process, Seth worked to authorize the Python Software Foundation as a CVE Numbering Authority (CNA) capable of managing the CVEs for both Python and pip. Vulnerability advisories were now getting published to the security-announce@python.org mailing list and the distributed Open Source Vulnerability (OSV) database for automated querying of vulnerabilities affecting Python.
Next was a focus on hardening CPython’s release process. Supply chain attacks against open source software tend to focus on the release process due to being ephemeral and thus difficult to detect an intrusion compared to merging attacks into the public source code. CPython’s release process is quite complex, requiring multiple humans and services for each release, and there is potential to exploit many of these components.

There were multiple improvements made to the release process, including auditing Sigstore signatures of CPython artifacts for consistency, making builds of CPython reproducible byte-for-byte to detect injected code, and moving the build from release managers’ machines to an isolated and repeatable environment like GitHub Actions. All of this work happened with the involvement of Python release managers to ensure the process changes fit with their existing working model.

2024 is likely to bring new challenges and having full-time staffing to engage early will mean Python can continue being a leader regarding supply chain security. We look forward to continued interest and support of a secure Python ecosystem for everyone.

PSF PyPI Safety & Security Engineer

BY MIKE FIEDLER

PyPI is a massive project that has become a key digital infrastructure serving millions of users.

Mike Fiedler joined the PSF in August 2023 as our new PyPI Safety & Security Engineer. Mike was already a dedicated member of the Python packaging community: he has been a Python user for 15 years, maintains and contributes to open source, and became a PyPI maintainer in 2022. This critical role would not be possible without grant funding from AWS.
Since August 2023, Mike coordinated and worked on various projects, including:

- Serving as the main point of contact for a **PyPI Security Audit**. This work comprised preparing documentation, working with auditors, publishing findings, and collaborating with the AWS SNS team.

- Management of vulnerabilities and malware. This included measuring inbound malware reports, process improvements for reporting, report response, implementation of an observations flexible data model, incident response for account takeover, and drawing up proof-of-concept API architecture for external parties.

- Rollout of **two-factor authentication for all users** on PyPI, which included enforced 2FA for all users on TestPyPI, updating documentation, community collaboration, and messaging on community and external platforms.

- Participated in PSF & community initiatives, such as:
  - Joined the OSSF Packaging Working Group's convos on Securing Registries
  - Co-authored PSF response to **US Gov RFI on Open Source Supply Chain Security**
  - Attended (virtual) Packaging Security Roundtable 2-day conference
  - Migrated warehouse to SQLAlchemy 2.0 Declarative syntax
  - Made PyPI Admin improvements for token inspection, Trusted Publishers
  - Provided review feedback and suggestions on Trusted Publishers guide

---

**PyPI Stats from 2023:**

- **607+ Petabytes** of packages served (that's equivalent to about 65,000 years of video content)
- **1.2+ Trillion** requests flowed through our Fastly-sponsored CDN (averaging ~36K requests per second)
- **284+ Billion** downloads for the half million projects on PyPI (over 10 million files)
Thank You to Fastly

The astounding traffic demands on the PSF infrastructure have continued to see year-over-year growth. Thanks to Fastly the teams that maintain the services we support, particularly PyPI, have nevertheless been able to focus on improvements and features, rather than scaling to that increased load. We are grateful to Fastly for making the online services that the PSF provides possible, so that we can invest time and resources into advancing our infrastructure to better meet community wants and needs.

Infrastructure and PyPI

We support the Python community by hosting resources & downloads on python.org, documentation on docs.python.org, packages on pypi.org, and much more.

In addition to these public facing resources, we also support the development workflows of CPython core developers, hosting of mailing lists on mail.python.org, and maintain and improve us.pycon.org for PyCon US. We also support the community by maintaining domain registration, DNS, mail, and more for our fiscal sponsors as well as projects like PyPy and Jython.

In 2023 PyPI saw a 45% growth in download counts and bandwidth alike, serving 603,378,275 downloads for the 516,402 projects hosted there requiring 747.4 Petabytes of data transfer, or 189.6 Gbps of bandwidth 24x7x365.

Thank You to Fastly

The astounding traffic demands on the PSF infrastructure have continued to see year-over-year growth. Thanks to Fastly the teams that maintain the services we support, particularly PyPI, have nevertheless been able to focus on improvements and features, rather than scaling to that increased load. We are grateful to Fastly for making the online services that the PSF provides possible, so that we can invest time and resources into advancing our infrastructure to better meet community wants and needs.
PyCon US welcomed the Python community back to the Salt Palace Convention Center for the second year of PyCon US in Salt Lake City, Utah, and for the 20th Anniversary Celebration of PyCon US. The mountainscape and spring weather of Salt Lake City provided a beautiful backdrop for an energizing and inspirational 9-day PyCon US 2023 conference, filled with Tutorials, Talks, Sponsor Presentations, Sprints, Summits, and Keynotes, promoting the theme “By the community, For the community”. This year, PyCon US reintroduced 4 days of the post-conference Development Sprints for the first time since gathering in-person again.

Live-streaming of the main conference days returned for the second year via the PyCon US 2023 virtual platform, Hubilo, with the new feature of providing access to all registered attendees, whether registered for online or in-person attendance. PyCon US was also able to provide live captioning for all tracks of the main conference days, including “live-remote” captioning for our Spanish Charlas Track, to increase and promote diversity and accessibility for our community.

PyCon US 2023 Summary

Session Attendees
We had 2,159 in-person attendees and 491 online attendees! 1,705 first time attendees joined us!
Awarded for 374 Travel Grants

$280k

75 Countries Represented

184 PyCon US Speakers
Fiscal Sponsees

The PSF maintains a fiscal sponsorship program to support Python events and projects by providing a non-profit umbrella, handling back office needs, and facilitating donations so the projects can concentrate on furthering their goals. The program continued to grow in 2023, bringing on 7 new fiscal sponsees, arriving at 20 amazing groups total.

Our fiscal sponsorees include:

- Bandit
- Bay Area Python Association
- Boston Python
- ChiPy
- Denver Python Users Group
- Jazzband
- North Bay Python
- Pallets
- PhillyPUG
- PuPPy
- PyCascades
- PyBeach
- PyHawaii
- PyLadies
- PyMNtos
- PyOhio
- PyPA
- PyRVA
- Python San Diego User Group
- Twisted

“PSF’s support for PyCon Namibia has helped a fledging local software community grow into a confident, sustainable movement.”

- PYCON NAMIBIA
## PSF Sponsors

<table>
<thead>
<tr>
<th>Visionary</th>
<th>Sustainability</th>
<th>Maintaining</th>
<th>Contributing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Google</td>
<td>Bloomberg</td>
<td>MongoDB</td>
<td>JET BRAINS</td>
</tr>
<tr>
<td>fastly</td>
<td>Meta Engineering</td>
<td>Microsoft</td>
<td>CITADEL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NVIDIA</td>
<td>Python Institute</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Ansys</td>
<td>Sonar</td>
</tr>
<tr>
<td></td>
<td></td>
<td>indeed</td>
<td>Anaconda</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Red Hat</td>
<td>Fannie Mae</td>
</tr>
<tr>
<td></td>
<td></td>
<td>AWS</td>
<td>Streamlit</td>
</tr>
<tr>
<td></td>
<td></td>
<td>AMERICAN EXPRESS</td>
<td>Cubist</td>
</tr>
<tr>
<td></td>
<td></td>
<td>QRT</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>salesforce</td>
<td></td>
</tr>
</tbody>
</table>
Staff

DEB NICHOLSON  
Executive Director

LOREN CRARY  
Director of Resource Development

EE DURBIN  
Director of Infrastructure

OLIVIA SAULS  
Program Director

PHYLLIS DOBBS  
Controller

JOE CAREY  
Accounting Manager

LAURA GRAVES  
Senior Accountant

MARISA CAMACHO  
Community Events Coordinator

MARIE NORDIN  
Community Communications Manager

SETH LARSON  
Python Security Developer-in-Residence

MIKE FIEDLER  
PyPI Safety and Security Engineer

Board  
(as of 2023 election)

TANIA ALLARD
DÉBORA AVEVDO (Vice Chair Elect)
KWON-HAN BAE
KUSHAL DAS (Treasurer)
CHEUK TING HO
GEORGI KER
JANNIS LEIDEL
DEB NICHOLSON (Secretary)
CHRISTOPHER NEUGEBAUER (Vice Chair)
DENNY PEREZ
DAWN WAGES (President/Chair)
SIMON WILLISON
May 15th-23rd

PyCon US • 24
By the community, for the community

Pittsburgh, PA

Join Us!

In 2024, PyCon US will be held in Pittsburgh, Pennsylvania, at the David L. Lawrence Convention Center. Our attendees will join us online and in person for a program filled with tutorials, talks, sprints, summits, and keynotes presented by our community, celebrating our theme “By the community, For the community.” For more details, visit the conference website.
## PSF Financials 2022-2023

**CONSOLIDATED FINANCIAL STATEMENT**

($ in thousands)

### REVENUE

<table>
<thead>
<tr>
<th></th>
<th>2023</th>
<th>2022</th>
</tr>
</thead>
<tbody>
<tr>
<td>Program Service Revenue</td>
<td>$2,859</td>
<td>$2,641</td>
</tr>
<tr>
<td>Contributions, Membership Dues, &amp; Grants</td>
<td>$1,349</td>
<td>$1,430</td>
</tr>
<tr>
<td>Other Revenue</td>
<td>$148</td>
<td>$12</td>
</tr>
<tr>
<td><strong>TOTAL REVENUE</strong></td>
<td><strong>$4,356</strong></td>
<td><strong>$4,083</strong></td>
</tr>
</tbody>
</table>

### EXPENSES

<table>
<thead>
<tr>
<th></th>
<th>2023</th>
<th>2022</th>
</tr>
</thead>
<tbody>
<tr>
<td>Program Service Expenses</td>
<td>$2,690</td>
<td>$2,207</td>
</tr>
<tr>
<td>Staffing</td>
<td>$1,305</td>
<td>$928</td>
</tr>
<tr>
<td>Information Technology</td>
<td>$240</td>
<td>$302</td>
</tr>
<tr>
<td>Insurance</td>
<td>$122</td>
<td>$102</td>
</tr>
<tr>
<td>Legal</td>
<td>$42</td>
<td>$90</td>
</tr>
<tr>
<td>Other Expenses</td>
<td>$109</td>
<td>$69</td>
</tr>
<tr>
<td><strong>TOTAL EXPENSES</strong></td>
<td><strong>$4,508</strong></td>
<td><strong>$3,698</strong></td>
</tr>
</tbody>
</table>

### NET INCOME

<table>
<thead>
<tr>
<th></th>
<th>2023</th>
<th>2022</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>-$152</td>
<td>$385</td>
</tr>
</tbody>
</table>

### ASSETS

<table>
<thead>
<tr>
<th></th>
<th>2023</th>
<th>2022</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cash and Cash Equivalents</td>
<td>$5,051</td>
<td>$5,403</td>
</tr>
<tr>
<td>Accounts Receivable - Net</td>
<td>$265</td>
<td>$237</td>
</tr>
<tr>
<td>Other Current Assets</td>
<td>$125</td>
<td>$129</td>
</tr>
<tr>
<td><strong>TOTAL ASSETS</strong></td>
<td><strong>$5,441</strong></td>
<td><strong>$5,769</strong></td>
</tr>
</tbody>
</table>

### LIABILITIES

<table>
<thead>
<tr>
<th></th>
<th>2023</th>
<th>2022</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deferred Revenue</td>
<td>$559</td>
<td>$842</td>
</tr>
<tr>
<td>Accounts Payable &amp; Liabilities</td>
<td>$178</td>
<td>$130</td>
</tr>
<tr>
<td><strong>TOTAL LIABILITIES</strong></td>
<td><strong>$737</strong></td>
<td><strong>$972</strong></td>
</tr>
</tbody>
</table>

### NET ASSETS

<table>
<thead>
<tr>
<th></th>
<th>2023</th>
<th>2022</th>
</tr>
</thead>
<tbody>
<tr>
<td>Net Assets without Donor Restrictions</td>
<td>$2,502</td>
<td>$3,150</td>
</tr>
<tr>
<td>Net Assets with Donor Restrictions</td>
<td>$2,202</td>
<td>$1,647</td>
</tr>
<tr>
<td><strong>TOTAL NET ASSETS</strong></td>
<td><strong>$4,704</strong></td>
<td><strong>$4,769</strong></td>
</tr>
</tbody>
</table>

### TOTAL LIABILITIES & NET ASSETS

<table>
<thead>
<tr>
<th></th>
<th>2023</th>
<th>2022</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>$5,441</strong></td>
<td><strong>$5,769</strong></td>
</tr>
</tbody>
</table>
Program Service Expenses

2023 EXPENSES BY CATEGORY
($ in thousands)

- PyCon US - $1,800 (60.5%)  
- Grants - $677 (22.8%)
- Packaging Work Group/Infrastructure/Other - $286 (9.6%)
- Fiscal Sponsors - $204 (6.9%)
- Code of Conduct - $5 (0.2%)
- Community Awards & Expenses - $1 (N/A)

Growth of Assets

PSF ASSET TRENDS FROM 2018-2023
($ in thousands)

2018: $3,531
2019: $4,710
2020: $4,134
2021: $4,903
2022: $5,764
2023: $5,441

TRENDLINE
Grant Disbursement

PSF GRANT DISBURSEMENT FROM 2016-2023
($ in thousands)

- Python Conference Grants (38.6%)
- Travel Grants (32.3%)
- Training (1.6%)
- Workshops (2.6%)
- Ambassadors Program (1%)
- Development (4%)
- Kids Coding Camp (0.9%)
- Django Girls Workshops (6.9%)
- Equipment & Hardware (0.3%)
- PyLadies Workshops (0.7%)
- Python Sprints (4%)
- Outreach & Education (3.1%)
- Meetup Subscription Grants (2.6%)
- Other Grants (1.4%)

Grant Trends

PSF GRANT TRENDS FROM 2016-2023
($ in thousands)

<table>
<thead>
<tr>
<th>Year</th>
<th>Grants</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016</td>
<td>$389</td>
</tr>
<tr>
<td>2017</td>
<td>$366</td>
</tr>
<tr>
<td>2018</td>
<td>$450</td>
</tr>
<tr>
<td>2019</td>
<td>$472</td>
</tr>
<tr>
<td>2020</td>
<td>$151</td>
</tr>
<tr>
<td>2021</td>
<td>$123</td>
</tr>
<tr>
<td>2022</td>
<td>$393</td>
</tr>
<tr>
<td>2023</td>
<td>$697</td>
</tr>
</tbody>
</table>

TRENDLINE
Grants by Continents

In 2023, the grants program focused on virtual and in-person events. The PSF distributed $697K in grants in 2023, to 174 groups in 52 countries around the world.
I’m in! How Can I Help?

Follow us!

We want to talk about Python and the Python community with you everywhere.

Support us financially!

- Become an individual champion of the PSF through our membership program or donate directly.
- If your company relies on Python, talk to your boss about sponsorship—we have lots of options!
- If your organization would like to contribute to making PyCon US an amazing event, contact us about our sponsorship program—email sponsors@python.org.

Volunteer

- Rather support the Python community with your time? We have lots of volunteer opportunities!
- We can always use folks at PyCon US—either in person or online
- Many of our friendly workgroups are seeking new members
- Or you can help new folks with their questions in Python Help.
- Consider running for the PSF Board of Directors.

The PSF is recognized by the IRS as a 501(c)(3) non-profit charitable organization in the United States. Want to collaborate on a grant or donate something that needs to go to charity? Get in touch with us, sponsors@python.org.

VISIT US AT PYTHON.ORG