Rust Foundation

2024
Annual Report

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Foreword

When the Rust Foundation was established four years ago, I was fortunate to have the opportunity to join as a Member Director for Google. Building on more than a decade of experience with the Rust Project, I stepped into the Chair position two years ago, succeeding Shane Miller. Reflecting on these experiences, I am deeply proud of the progress we have made and the incredible strides Rust has taken as a language and a community.

Today, Rust is widely recognized as the premiere language for high-performance systems programming. Its unique combination of performance, productivity, and reliability has earned endorsements from developers, major corporations, government agencies, standards bodies, and even the US White House. Rust has become synonymous with efficient and secure systems software—a remarkable testament to the dedication of the Rust community.

In 2024, the Rust Project has seen significant growth. I was pleased to see the Project build on the momentum of establishing the Leadership Council in 2023, allowing the Rust Foundation to better identify and address the needs of the ecosystem, whether through securing funding, providing compute resources, or enhancing engineering productivity to tackle challenging problems.

The Rust Foundation has also benefited from substantial commitments by both small and large partners who share our vision for Rust's long-term success. For example, Fastly has pledged ten years of support to meet the Project's growing network demands. Microsoft, Amazon AWS, and Google have provided both financial and in-kind contributions to advance security and infrastructure initiatives essential for Rust's sustainability and growth. Meanwhile,

Silver members, including Arm and Ferrous Systems, are championing Rust's expansion into new domains, such as automotive development.

In this report, you will find a summary of these exciting highlights, financial insights, stories from the global Rust community, and more. I hope it sheds more light on what we prioritized as an organization, the strategic decisions we made, and where we provided value or support to the ecosystem.

On a personal note, I want to express my heartfelt gratitude to everyone who has supported the Rust Foundation and me over the past four years. As I step down from the board and pass the privilege of representing Google at the Rust Foundation to others, I am both humbled and inspired by the remarkable progress we have achieved together. While I will no longer serve on the board, I remain a steadfast supporter of Rust and look forward to cheering its continued success from the sidelines for many years to come.

Dr. Lars Bergstrom

Rust Foundation Board of Directors Chair

Mission & Leadership

The RUST FOUNDATION'S MISSION is for global computer systems to be more secure, efficient, and performant through the use of the Rust programming language. In service of this work, we serve as the steward of Rust, support Rust communities worldwide, and invest in growing the Rust talent pool.

2024 Board of Directors

Lars Bergstrom
Chair, Member Director, Google

Nell Shamrell-Harrington
Vice-Chair, Member Director, Microsoft

Jakob Degen
Project Director

Eric Garcia
Member Director, Meta

Peixin Hou
Member Director, Huawei

Ryan Levick
Project Director

Seth Markle
Member Director, AWS

Scott McMurray
Project Director, Board Treasurer

Carol Nichols
Project Director (November 2024-Present)

Santiago Pastorino
Project Director

Mark Rousskov
Project Director & Secretary (January-October 2024)

Alexandru Radovici
Silver Member Representative (February 2024-Present)

Andy Wafaa
Silver Member Representative, Treasurer (January-February 2024)

Foundation Staff Team

Dr. Rebecca Rumbul
Executive Director & CEO

Abi Broom
Director of Operations

Gracie Gregory
Director of Communications & Marketing

Paul Lenz
Director of Finance & Funding

Joel Marcey
Director of Technology

Jon Bauman
C++-Rust Interop Software Engineer Lead

Tobias Bieniek
Software Engineer, crates.io

Christina Gorton
Marketing Program Manager

Adam Harvey
Software Engineer, Security

Marco Ieni
Infrastructure Engineer

Ernest Kissiedu
Global Rust Community Coordinator **Jan**

David Nose
Lead Infrastructure Engineer

Walter Pearce
Security Engineer

Milestones At-a-Glance

In 2024, the Rust Foundation team...

Welcomed 15 New Members.

Received $2m+ worth of in-kind infrastructure support.

Raised $3.72m in membership dues and donations from organizations committed to the development of Rust.

Dispensed $413k in Monetary Grants to increase the usage of Rust & support Rust maintainers, contributors, & community organizers.

Hosted 650 Rustaceans from all over the world at RustConf 2024 in Montreal, Canada.

Hired 3 New Full-Time Employees across our mar-comms and technology teams.

Attended 24 Events around the globe.

Sponsored & Supported 19 independent Rust community events.

Note: Numbers above have been rounded up to the nearest thousand.

Among many other achievements!

For a breakdown of the Rust Foundation's quarterly activities in 2024, please read our "Quarterly Updates" blog series.

2024 Project Director Spotlight

Rust Foundation Project Directors serve as our board's technical advisors and representatives of the Project and liaise between the Rust Foundation staff team and the Rust Project's [Leadership Council.](#) In 2024, our Project Directors served on our board, counseled and consulted with the Rust Foundation staff team, and helped the organization facilitate critical Rust Project and community discussion. In short, the Project Directors enable the Rust Foundation board and staff to support the Rust programming language and the communities of maintainers developing it.

Special Acknowledgement

The Rust Foundation is grateful to Mark Rousskov for his four years of dedicated service as a Project Director and Board Secretary, which ended in October 2024. As one of our inaugural Project Directors, Mark played a key role in establishing and shaping the work and mission of the Rust Foundation.

We were pleased to welcome Mark's elected Project Director successor, Carol Nichols, in November of this year. Carol brings a wealth of history and experience in the Rust Project and community and is a tremendous resource to our board and staff.

Jakob Degen

Mark Rousskov
(January-October 2024)

Ryan Levick

Scott McMurray

Carol Nichols
(November 2024-Present)

Santiago Pastorino

2024 Member Director Spotlight

Rust Foundation Member Directors represent the Rust Foundation Member organizations on our board. Member Directors collaborate with our Project Directors to support the development and adoption of the Rust language, vote on key motions that affect the work carried out by the Foundation, and advise the staff team. Their leadership in 2024 enabled the Rust Foundation to shape, fund, and carry out the critical work described in this report. Please join us in thanking the 2024 Rust Foundation Member Directors for their time, counsel, and service over the past year.

Lars Bergstrom
Member Director,
Google, Board Chair

Eric Garcia
Member Director, Meta

Peixin Hou
Member Director,
Huawei

Seth Markle
Member Director, AWS

Nell Shamrell-Harrington
Member Director,
Microsoft, Board Vice Chair

Alexandru Radovici
Silver Member Representative

2024 Member Overview

Our Members

In 2024, the Rust Foundation was grateful for the support and membership from the following organizations...

Platinum Members

Gold Members

Shopify

Silver Members

1Password	Mozilla
Accelerant	Open Source Security, Inc
AdaCore	OxidOS Automotive
Adorsys	Red Badger
Appflowy	SafeStake
Arm	Sentry
Astral	SixtyFPS
Automata Labs	Slint
Dropbox	SpruceID
Devolutions	Tag1
Embecosm	Techfund
Ferrous Systems	Threema
Filecoin Foundation	Trace Machina
Futurewei Technology	Traverse Research
Grafbase	TSY Capital Limited
Helsing	Turbofish
HighTec	Tweede golf
JetBrains	Veecle GmbH
KDAB	Watchful
Keyrock	Wyeworks
Knoldus	XFusion
Lynx	Zama
Mainmatter	Zed

Thank you to these members for generously supporting the Rust Foundation's mission in 2024. If your organization is interested in becoming a Rust Foundation Member, please contact us at membership@rustfoundation.org. Benefits include representation on our board, brand visibility in the Rust ecosystem, networking opportunities, discounts on event sponsorships, and much more!

Member Highlights

Organizations join the Rust Foundation out of commitment to the maintenance, development, and future success of the Rust programming language.

Our membership structure is broken into Platinum, Gold, Silver, and Associate tiers (listed in order of investment). Rust Foundation Members have the opportunity to help shape and support important initiatives benefiting the Rust programming language and community, collaborate with Rust Project leaders during board meetings, and contribute their expertise to our many areas of focus. Many Rust Foundation Members use Rust in production on their engineering teams, serving as excellent case studies for the scalable innovation possible with Rust.

Meta

Over 10 million lines of first-party Rust code was used by hundreds of teams at Meta in 2024 in all kinds of distributed systems, developer tools, mobile apps, data pipelines, AI training, network infrastructure, privacy infrastructure, consumer devices, and more.

aws

Amazon uses Rust widely for everything from customer services like Prime Video to core infrastructure like Amazon EC2 and Amazon S3. In 2024 they announced a preview of their new Amazon Aurora DSQL, a distributed SQL database implemented in Rust. AWS also worked with the Rust Foundation and universities to launch a collaborative initiative aimed at verifying the safety of the Rust standard libraries. AWS sees its use of Rust continuing to increase in the years to come, which is why they are invested in supporting Rust's vibrant and growing community as it works to improve Rust for everyone.

OxidOS Automotive

OxidOS Automotive is empowering regulated industries to adopt Rust in safety-critical applications and accelerate the way they build, test, and update their embedded software.

In 2024, they continued to offer an automotive-grade embedded operating system, as well as development tools to facilitate adoption while also giving back towards the open-source community.

We look forward to publishing more stories from our member organizations in 2025 on our blog!

Global Community Spotlight

The Rust community is a remarkable example of global collaboration, connecting people across borders and cultures to empower developers worldwide. Based on a shared commitment to innovation and inclusivity, Rust brings together individuals with the tools and confidence they need to create reliable, high-performance solutions.

In 2024, the Rust Foundation stepped up its efforts to reach out to this global community of Rust maintainers and leaders – in particular those in regions that aren't currently represented broadly in Rust leadership spaces. We were pleased to work closely with Ernest Kissiedu, the Rust Foundation's Global Rust Coordinator, to connect with Rustaceans in these areas to learn how we can best serve them.

Rust Nigeria's vibrant reemergence was driven by regional events and free workshops led by Rust Foundation Community Grant recipients Promise Reckon and Mordecai Etukudo.

Event Sponsorship & Support

In 2024, we saw an explosion of Rust conferences across the globe, showcasing the language's vibrant, growing community. From Rust Nation UK in London, EuroRust in Vienna, RustNL in the Netherlands, GoSim in Beijing, to Rust Japan in Tokyo, these events united developers to learn and connect over the use of Rust. The Rust Foundation proudly supported this global momentum through sponsorship and participation. In doing so, we hope to empower Rustaceans all over the world.

During the past year, we also released a new process for requesting event support from the Foundation. Because we receive so many requests for sponsorship and support across a wide range of focus areas, we generally evaluate event sponsorship and support inquiries based on community impact, reach, audience diversity, organizational capacity, and region. We are generally more likely to support events that operate under a noncommercial/nonprofit model. This new process has allowed us to treat all Rust communities and events seeking funding with equal and fair consideration.

Rust Communities Around the World

Here's a look at just a few of the many communities of passionate Rustaceans all over the world that we worked with in 2024…

The Türkiye Rust Community
Flourished in 2024 through vibrant meetups, impactful workshops, and open-source contributions using the language.

The Rust Africa Association
evolved into a healthy association in 2024, uniting emerging communities with immense potential. Led by Rust Foundation grant recipient Mordecai Etukudo, they are building governance structures and delivering resources to empower regional growth.

Rust Español
grew from a Latin America-focused community into a unifying force for the Spanish-speaking Rust ecosystem in 2024. With revamped governance emphasising inclusivity and shared leadership, it is bridging fragmented networks and empowering contributors.

The Rust India Community
continued to grow in 2024. They hosted many meetings throughout the year and saw a growing network of support from companies across the country.

Rust Nigeria
experienced a vibrant reemergence in 2024, driven by regional events and free workshops led by Rust Foundation Community Grant recipients Promise Reckon and Mordecai Etukudo.

Rust Nigeria

Türkiye Rust Community

Rust India Community

The Rust Foundation sponsored the following events in 2024:

Rust Nation UK | Rust Devroom at FOSDEM | RustNL

RUSTAsia | EuroRust | Oxidize | RustLab

... and provided support for the Rust Leads Summit in London alongside Rust Nation UK.

In 2024, the Rust Foundation's Community Grants Program supported community leaders from Nigeria to Ukraine, empowering them to elevate their local Rust developer communities. By championing these initiatives, the Rust Foundation endeavors to create a globally connected Rust ecosystem where every developer has the tools and opportunities to shape the future of technology.

Google Summer of Code x Rust

The Rust Foundation was thrilled to support the Rust Project's involvement in Google Summer of Code this past year, which supports the growth of newer Rust maintainers. This process has highlighted the community's transformative power to shape Rust's future through open source collaboration.

2024 Finance Report

Summary & Context

The Rust Foundation was primarily funded by a growing base of global member organizations over the past year – 53 by December 2024. Their support allowed us to design a strong program of work benefitting the Rust Project, community, and ecosystem.

We also started Q1 with generous funding for our Security Initiative from OpenSSF's Alpha-Omega Project and Platinum Member, AWS. These grants enabled us to scale up our security work significantly throughout the rest of the year. The Rust Foundation also continued to provide financial awards to Rust maintainers and community organizers through our Community Grants Program in 2024.

Thank you to all Rust Foundation Members and independent donors over the past year. Without your contributions, the critical work outlined in this report would not have been possible.

Definitions

C++ Interop: Employment of C++-Rust Interop Software Engineer Jon Bauman to lead the Foundation's work on improving integration between Rust and C++. Associated travel and administrative costs.

Community Grants: Financial awards made to Rust maintainers, community members, and organizers; Rust Foundation Fellowships, and financial support for Rust community meetups all around the world.

Infrastructure: Employment of two engineers to ensure that the infrastructure on which Rust depends is secure, robust and well-supported. Paying for software & services as necessary to achieve that goal, for example an on-call service for crates.io.

Project Priorities: Funds allocated by the Rust Project's Leadership Council as they see fit. In 2024 they awarded $80k of grants to maintainers, and provided a program of travel funding for Project members to attend events.

RustConf: Expenditure associated with hosting RustConf 2024. Venue hire, A/V, catering, speakers, and everything else that goes towards ensuring a successful event. Staff time to manage it.

Security Initiative: Employment of three engineers, plus management time, travel and other associated expenditure, to create and implement security best practices across the Rust programming language and ecosystem.

Rust Specification: Supporting the development of a specification for Rust — primarily staff and contractor time.

Training Program: Development of the Rust Foundation's forthcoming training and certification program — primarily, staff and contractor time.

Membership & Admin: The Foundation's core operational and management staff, travel, accounting, legal, insurance, marketing and other necessary expenditure for daily Rust Foundation operation and outreach.

Income, Expenditure, & Net Comparison

Legend: Income | Expenditure | Net

2023

- Income: $2.66m
- Expenditure: $3.10m
- Net: -$524k

In 2022, we received funding that was utilized and dispensed in 2023. $270k received in 2022 went towards grants awarded in 2023.

2024

- Income: $4.29m
- Expenditure: $3.79m
- Net: $496k
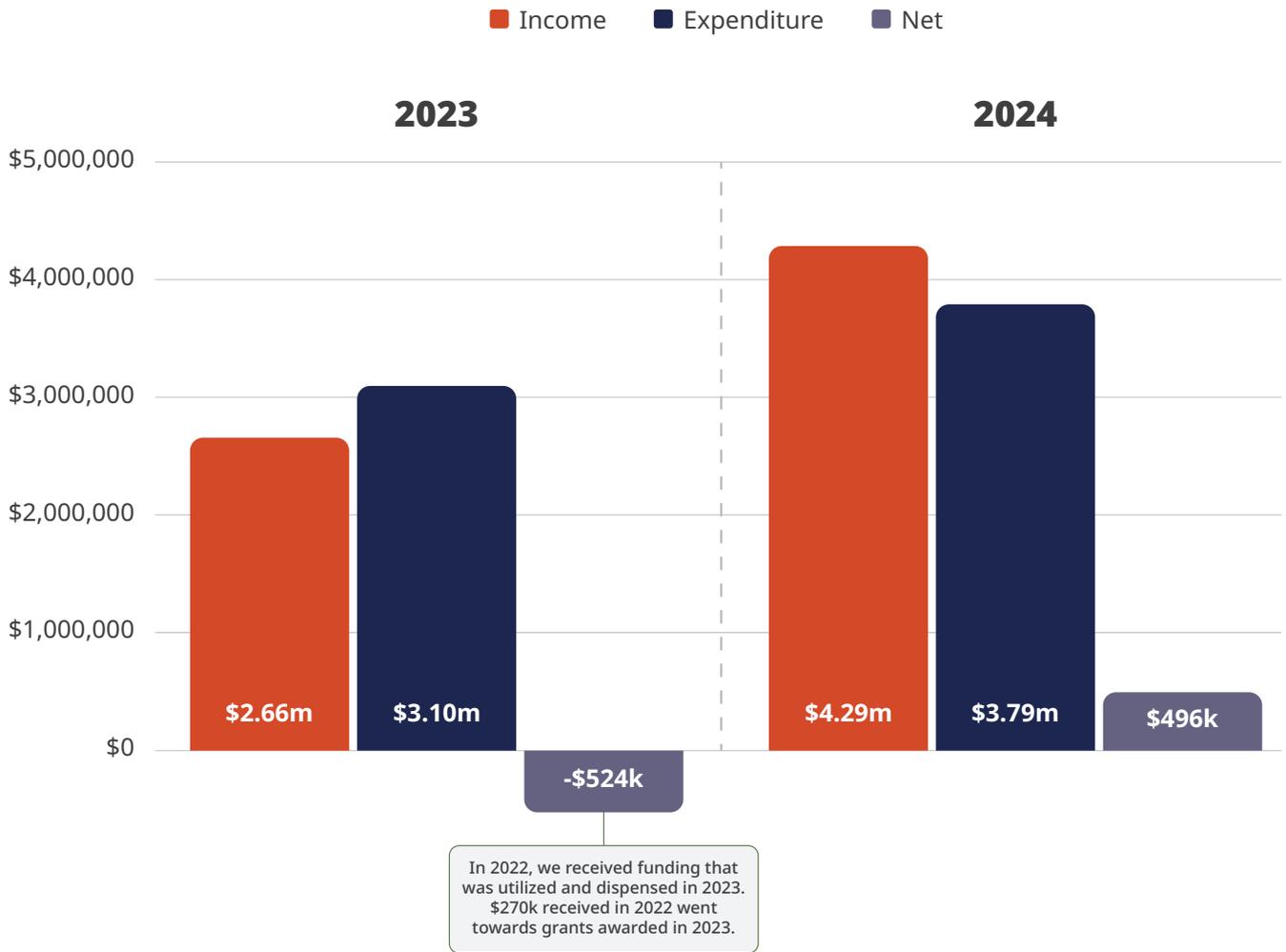
2024 Expenditure Breakdown

C++ Interop
$160k
4%

Community Grants
$319k
8%

Infrastructure
$567k
15%

Membership & Admin
$1.29m
34%

Stated Rust Project Priorities
$101k
3%

RustConf
$344k
9%

Training Program
$40k
1%

Rust Specification
$97k
3%

Security Initiative
$872k
23%

■ Rust Project-related expense   ■ Rust Foundation operations-related expense
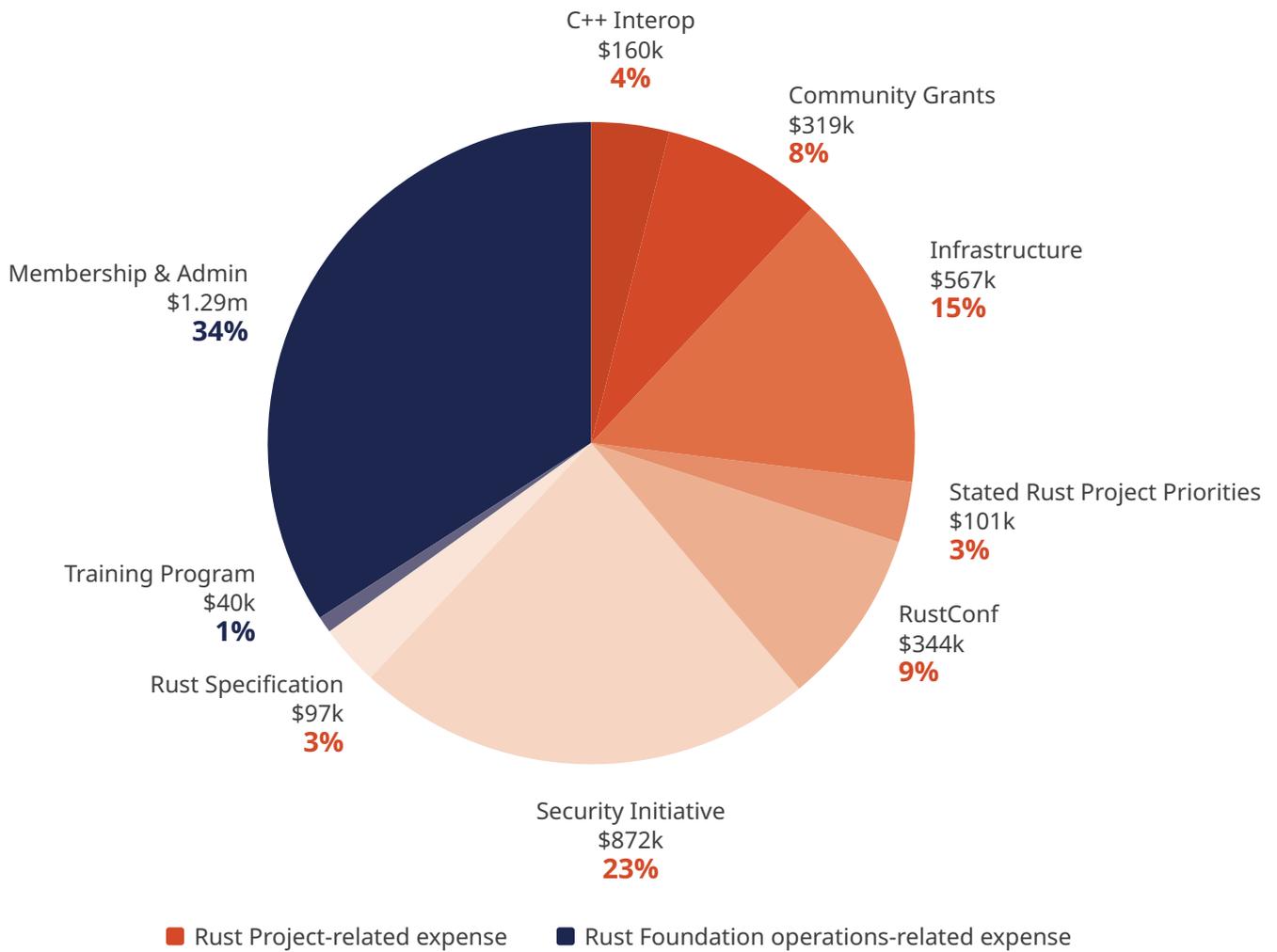
Monetary Donations

In addition to the dues we receive from the Rust Foundation's members, we also received several generous monetary donations in 2024. These independent donations help us fund a number of critical Rust language services and programs and allowed us to hire several new full-time engineers.

*Note: **The figures below do not represent paid membership dues.***

In 2024, we received monetary donations and grants from the following organizations:

Google

$500k
to create the Rust Foundation C++-Rust Interop Initiative. Additional $500k committed for 2025.

Microsoft

$500k
to hire an additional Rust Foundation Infrastructure Engineer, help fund the Rust Foundation's Fellowship program, and develop new systems and programs to support the work of Rust Project maintainers and reduce workload strain. Additional $500k committed for 2025.

OpenSSF OPEN SOURCE SECURITY FOUNDATION

$430k
to support the Rust Foundation Security Initiative

LAMBDA CLASS

$100k
to support the ongoing development and maintenance of the Rust programming language

hackerone

$2.4k
bug bounty

aws

Additionally, we would like to recognize Platinum Member AWS for their broad dedication to Rust ecosystem security in 2024. Over the past year, AWS committed $650k to the Rust Foundation Security Initiative in 2025 and launched a new contest to verify Rust standard libraries in collaboration through crowd-sourced contributions with support from the Rust Foundation. Learn more.

Infrastructure Donations

The Rust Foundation is immensely grateful to have received over $2m in infrastructure donations to support the operation and health of the Rust programming language in 2024. Thank you to the following organizations for their support:

To all the organizations and individual donors that supported the Rust Foundation in 2024: thank you.

If you or your organization would like to learn more about making an impact in Rust through monetary or in-kind donations to the Rust Foundation, please email us at contact@rustfoundation.org.

2024 Programs Update

Since our formation, the Rust Foundation has been carefully building a team of in-house engineering talent to work directly with Rust Project contributors, lessen critical burdens on maintainers, and build new innovations to help scale the Rust programming language. As we look back on our progress in 2024, it's clear that the past 12 months of focused engineering work were extraordinarily fruitful. We also channeled our resources into community programs like grants and event support.

Here is a look inside Rust Foundation initiatives that provided particular value to the global Rust ecosystem in 2024. For more granular notes on our engineering activities in 2024, we encourage you to read our February 2024 Security Initiative Report and our latest all-encompassing Technology Report.

Security Initiative	Community Grants Program
In 2024, the Rust Foundation had approximately $960k in combined funding from OpenSSF's Alpha-Omega project and Platinum Member, AWS to support our Security Initiative. The Rust Foundation's Security Initiative continued to strengthen the Rust ecosystem's security infrastructure in 2024. Security Engineer Walter Pearce and Software Developer Adam Harvey focused on supply chain security, vulnerability detection, and developing tools to protect the open-source community from potential threats. **Highlights:** • Further developing Painter, an open-source tool for building dependency graph databases. • Releasing Typomania, a library for detecting potential typosquatting in software registries. • Conducted comprehensive provenance tracking for top 5,000 crates. • Implemented real-time crate security scanning. • Discovering and removing exposed security tokens.	In 2024, the Rust Foundation Community Grants Program continued to support and empower Rust programming language contributors through strategic financial awards and professional development opportunities. The program aims to foster innovation, diversity, and global growth within the Rust ecosystem by providing targeted support to maintainers, community members, and organizers. **In 2024 we made some important changes to the program...** • Expanded "Mentored Fellowship" positions to increase the pipeline of contributors – in consultation with Rust Project leadership. • The Rust Project Leadership Council will drive the process of identifying high-priority pieces of work for Project Grants with the community. • Creation of a rolling Project Grant application process for prospective grantees to apply to carry out these agreed-upon priorities. • Working with the Leadership Council to identify applicants to receive the Project Grant associated with each priority. This past year, we expanded our Fellowships, offering three distinct categories of awards to recognize and enable impactful contributions to the Rust Project. These fellowships provide monthly stipends, training support, and travel funding to help recipients advance their work and engage more deeply with the Rust community. In October 2024, we announced our most recent round of Fellows. Learn more here.

Safety-Critical Rust Consortium

The Rust Foundation launched the Safety-Critical Rust Consortium in June 2024, bringing together industry leaders to promote the responsible use of Rust in safety-critical software systems. This initiative aims to support the development and application of Rust in environments where software failure could impact human life or cause significant harm.

Highlights:

· Forming consortium with founding members including AdaCore, Arm, Ferrous Systems, and Woven by Toyota.
· Receiving notable industry press coverage.
· Hosting initial meeting in Montreal, Canada where members began to establish charter and onboarding processes.

Read more: https://foundation.rust-lang. org/static/publications/technology-report-2024.pdf

Rust-C++ Interoperability Initiative

Launched with a $1 million contribution from Google in 2024, the Rust-C++ Interoperability Initiative seeks to improve integration between Rust and established programming languages, particularly C++. The project aims to reduce barriers to Rust adoption by making it easier for organizations to incorporate Rust into existing C++ codebases.

Highlights:

· Hiring dedicated Rust-C++ Interop Engineer, Jon Bauman
· Conducting initial stakeholder conversations.
· Developing preliminary research on interoperability challenges.
· Publishing public-facing interoperability Problem Statement.

Read more: https://foundation.rust-lang.org/news/rust-foundation-releases-problem-statement-on-c-rust-interoperability/

crates.io Support

In 2024, the Rust Foundation continued their support of the crates.io team, the team responsible for the official package registry of the Rust programming language. Rust Foundation Software Engineer and crates.io Team Lead Tobias Bieniek focused on improving crates.io performance, security, and user experience.

Highlights:

· Improved crate download reliability and performance through better CDN usage
· Implemented support for a dark user interface mode
· Built several email notifications for security purposes
· Improved database performance (migrated to async queries and pipelining, changed providers, performed query optimizations, etc.)

Infrastructure Support

In 2024, the Rust Foundation worked to ensure robust, reliable, and secure technological foundations for the Rust programming language and its ecosystem. Efforts were focused on expanding infrastructure capabilities and establishing strategic partnerships with technology providers.

Highlights:

· Marco Ieni joined Jan David Nose as our second full-time Infrastructure Engineer.
· Receiving extended Microsoft Azure credits through May 2025
· Publishing Rust Infrastructure threat model, in concert with our Security Initiative.
· Setting up CDN for crates.io download archives.
· Continued partnerships with infrastructure donors including AWS, Fastly, and Google Cloud.

RustConf & Rust Global 2024 Recap

About RustConf

Since 2016, Rustaceans have gathered each year at RustConf: the community's largest annual conference dedicated to discussions and content about the Rust programming language and the open source software ecosystem. Over the years, RustConf has been hosted and organized by an external event management company and passionate community organizers. We are grateful to them for establishing RustConf as an unmissable annual gathering!

For the first time in 2024, RustConf was hosted by the Rust Foundation in beautiful Montreal, Canada and online. As the nonprofit steward of the Rust programming language and community, the Rust Foundation was honored to use its resources to scale the event.

RustConf 2024 took place at the historic St. James Theatre in the central International District of Montreal, Canada. With its location in Eastern North America, Montreal is accessible to many Rustaceans in the United States, Canada, and across the Atlantic Ocean, though we were pleased to welcome attendees from all over the world. By hosting RustConf 2024 in Montreal, we had the opportunity to host new faces who might have previously been unable to attend events in the West Coast of the U.S.

About Rust Global

The Rust Foundation also hosted Rust Global alongside RustConf 2024. We created Rust Global to unite Rust enthusiasts, enterprise adopters, open source business leaders, and global decision-makers.

34
Speakers

3
Hands-On Workshops

650+
Registered Attendees

150+
Registered UnConf participants

$343,710
in Total Expenditure (including staff time)

$396,489
in total sponsorship funds and ticket sales — a total net of $52,779 that we are directing back into our 2025 event.

Reflections

Beyond hosting a memorable and inspiring conference for Rustaceans in a new and exciting location, our financial goal with RustConf 2024 was to break even. This would help us avoid having to allocate any funds towards hosting the event that could otherwise be directed to maintainers and Rust language administration. We are thrilled to have not only accomplished this goal, but to have made a small surplus from hosting RustConf. Attendance and interest in the event far exceeded our expectations and although there are a number of changes we'd like to make ahead of the 2025 event, we are thrilled with how the event turned out and the audience's response.

Responses to our feedback form were overwhelmingly positive. Attendees enjoyed the mix of Rust-focused talks, the opportunities to connect with one another, and the general management of the event. We also received constructive feedback about the venue which was a beautiful historic building that also presented some logistical and A/V-related challenges. We learned a lot from hosting RustConf 2024 and plan to make some key improvements next year such as leaning on a venue more suited to hosting conference-style events.

We hope to see you at RustConf 2025! We are thrilled to announce that RustConf 2025 will take place in Seattle, Washington from September 2-4. More details are coming soon! Please monitor rustconf.com for more information.

Special Thanks to:

The independent Program Committee who selected the talks at RustConf 2024, our many dedicated and generous volunteers, and our sponsors who made the event a reality. In particular, we would like to thank Diamond Sponsor Devolutions, Gold Ticket Sponsor Google, and Rust Global sponsor OxidOS.

Closing Remarks

As 2024 comes to a close, I can't help but marvel at how far the Rust ecosystem has come in a relatively short period of existence. The past year alone has been one of significant growth, collaboration, and technical achievement in our community as a whole — and for the Rust Foundation.

Throughout 2024, as Rust continued to solidify its reputation as a leader in memory-safe programming, the Rust Foundation was hard at work establishing impactful programs like the Safety-Critical Rust Consortium. This effort, launched in collaboration with several other organisations, promotes Rust's adoption in safety-critical settings like aerospace and automotive systems. This consortium symbolizes our organisation's dedication to the responsible use of Rust in every setting, especially in environments where human safety and wellbeing is paramount. While the work in this particular area has just begun, the members of the Safety-Critical Rust Consortium have already begun shaping best practices and collaborating closely.

In 2024, we also made a concerted effort to help advance cross-language collaboration by establishing the Rust-C++ Interoperability Initiative. Thanks to the support of Platinum Member Google, this effort will help bridge the gap between Rust and other popular languages, making it easier for developers to bring Rust's safety guarantees to legacy codebases. Such interoperability is pivotal for Rust's continued adoption. Our continued work to formalize a language specification, invest in open source security through our Security Initiative, and expand support for community contributors, are just a few ways we're helping prepare Rust for the next chapter.

The achievements of the Rust Project and community are too numerous to name, but to me, the important work on the Rust 2024 Edition exemplifies just how hardworking Rust's maintainers are. This new edition brings exciting improvements, including changes to lifetime capture rules and syntax refinements, all while maintaining backward compatibility. Each edition reflects the Rust community's commitment to thoughtful, incremental evolution that ensures developers can rely on a stable and progressive language. Efforts like these make it easy for all of us to root for and support Rustaceans worldwide. The Rust Foundation is honored to serve as a steward of this innovative language and dedicated community.

As we approach 2025, the 10th anniversary of Rust's first stable release, I want to congratulate the many contributors and technical leaders who have brought Rust to its impressive current state. Together with our generous members and collaborators, the Rust Foundation is supporting an ecosystem that is actively reinforcing the most meaningful values in technology: innovation, security, scalability, and collaboration. We firmly believe that our work will play a key role in sustaining Rust far beyond the next 10 years.
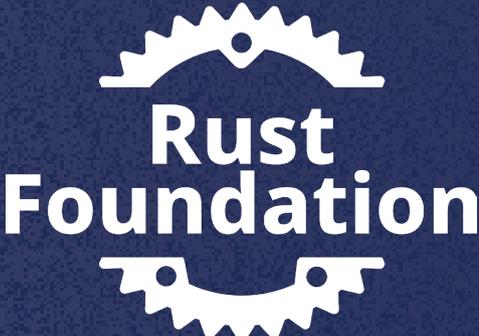
If your organisation has not yet become a member of the Rust Foundation, I hope you'll join us for more shared successes in 2025.

Dr. Rebecca Rumbul

Executive Director & CEO
The Rust Foundation

Rust Foundation