



Hosting Projects with Open Mainframe Project



OPEN MAINFRAME PROJECT

Vision

The mainframe is an active, integrated, and essential part of modern enterprise IT, consumable by mainstream developers and users, and driven by a vibrant open source community.

Mission

To achieve the vision of the Open Mainframe Project by...



Setting a high bar for application development on the mainframe
through documentation, API development, and a security-first approach.



Showcase the mainframe of today
to both the mainframe ecosystem as well as the broad enterprise IT community.



Enable the mainframe to be more consumable by developers
with a transparent experience in leveraging the value propositions of the mainframe.



Ensure the mainframe aligns well in the changing enterprise IT landscape
of cloud-native and DevOps.

Open Mainframe Project enables this innovation

Active



Incubation



Sandbox



Working Groups



Learn about all Open Mainframe projects at <https://www.openmainframeproject.org/projects>

7

years since
launch

43

Supporting
Organizations

21

Hosted Projects and
Working Groups

70+

Mentees
Sponsored

1000+

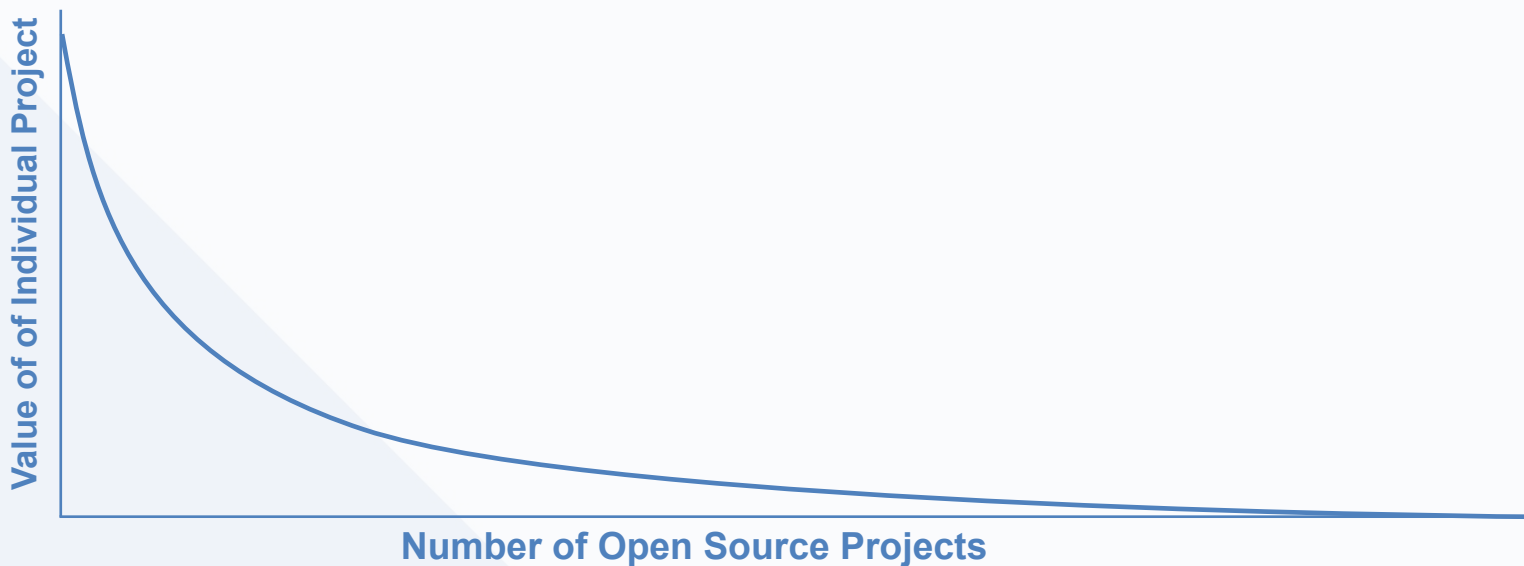
Project
Contributors

61,000+

Project
Contributions



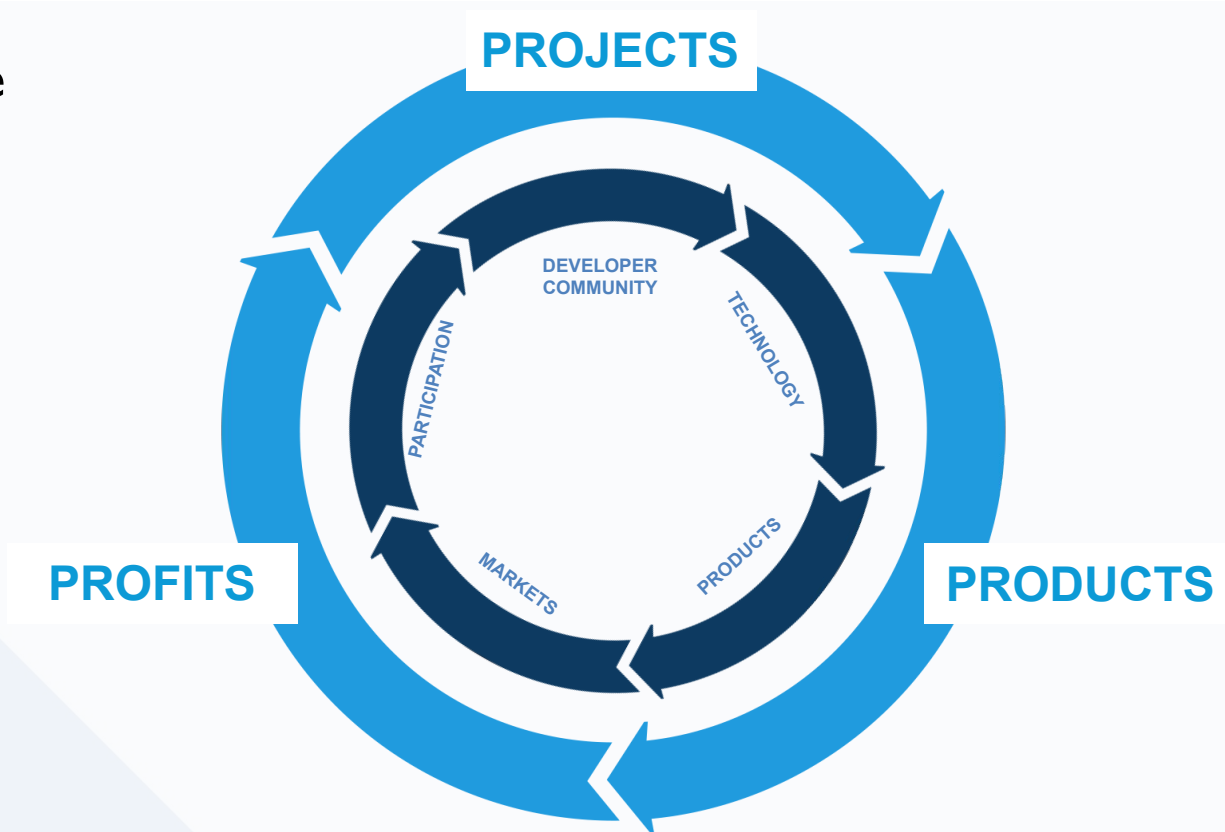
The Real Question is Which Projects Matter?



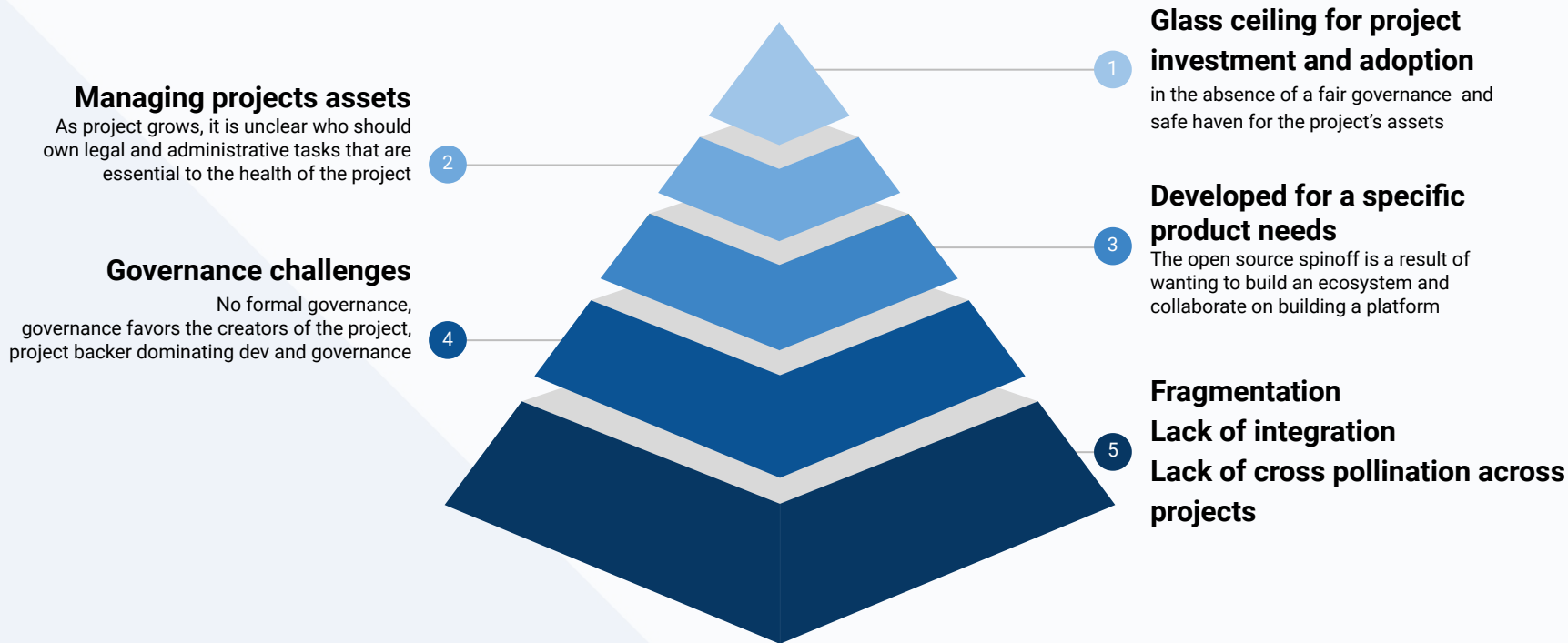
The Answer: Projects With Sustainable Ecosystems



Sustainable projects have a developer community whose technology is used in commercial solutions that profit businesses, who in turn participate and reinvest back into the project and hire developers to work in the community.



Open Source on Mainframe - Ecosystem Challenges



Creating sustainable open source projects requires real work



Governance and Membership	<ul style="list-style-type: none">• Incorporation, Tax status, Bylaws, Member Agreements, Anti-trust, etc.• Ongoing business development and membership recruitment
Development Process	<ul style="list-style-type: none">• Technical Decision Making• Project Life Cycle• Release Process
Infrastructure	<ul style="list-style-type: none">• Custom infrastructure using open source best practices• Security and reliability
Ecosystem Development	<ul style="list-style-type: none">• Marketing• Events• Training
IP Management	<ul style="list-style-type: none">• Code Provenance and License compliance• Trademark management• Legal defense and Collaboration

Case Study: Zowe



Value of Individual Project

Open Mainframe Project focuses on projects that are critical for industry



OPEN MAINFRAME PROJECT

Zowe

Major Problem

- Modernize integration with z/OS based applications and services
- Bridge the talent gap by enabling modern development stacks on z/OS

How OMP Innovated

- 2018 Open Mainframe Project added Zowe from contributions from Broadcom, IBM, Rocket Software
- 2019 Zowe reached 1.0, launched Zowe Conformant to enable downstream ecosystem
- 2021 Zowe formed TSC to have technologists lead project direction; Zowe Support Conformance program launched
- 2022 Zowe 2.0 launched

Results - 2022

- 30000+ Commits, 250+ committers all time
- Zowe gaining significant mindshare in DevOps community
- 50+ Zowe Conformant offerings from Broadcom, IBM, MicroFocus, Phoenix Software International, Rocket Software, BMC
- New project contributions from BMC, IBA Group, Vicom Infinity, and others, has grown codebase

Number of Open Source Projects – Millions on Github



Why host your project
at Open Mainframe
Project?

Question: Value of a Foundation?



There have been times when projects have asked what the value of an open source foundation can offer them?

A basic premise behind the LF, and open source in general, is that most interactions are positive-sum. There is no fixed amount of investment, mindshare, or development contributions that is allocated to specific projects. Just as open source development is based on the idea that, collectively, we are smarter than any one of us, open source foundations work to make the entire community better off. **Equally important, a neutral home for a project and community fosters this type of positive-sum thinking and drives growth and diversity that we believe are core elements of a successful open source project.**

It's more than putting a project on GitHub



Organizations and projects come to the Open Mainframe Project to...

- Have a vendor-neutral home for the project and assets.
- Bring in contributors from different organizations (including your competitors)
- Drive broad industry awareness with press and analysts.
- Build a downstream ecosystem for open and commercial solutions.
- Have world-class tools for measuring project insights and success.
- Leverage the collective experience and expertise of the Linux Foundation.

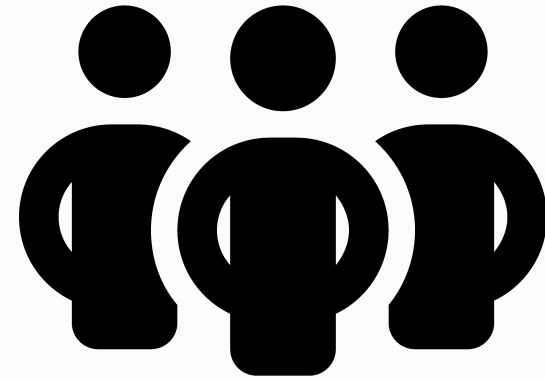
How does the Open Mainframe Project enable this?

Vendor-neutrality provides a sustainable home



Groundbreaking and game-changing projects are a collective effort across organizations. Hosting at the Open Mainframe Project ensures a project has a reputable legal home and governance to attract contributors and adoption.

- All projects are set up as 501c6 Series LLC legal entities, giving the project a non-profit status and letting them set their own IP policies with expert guidance.
- Infrastructure such as mailing lists, websites, and domain names are owned by the project to ensure neutral management.
- [Open Mainframe Project TAC project lifecycle](#) gives the project guidance on how to establish as sustainable project.

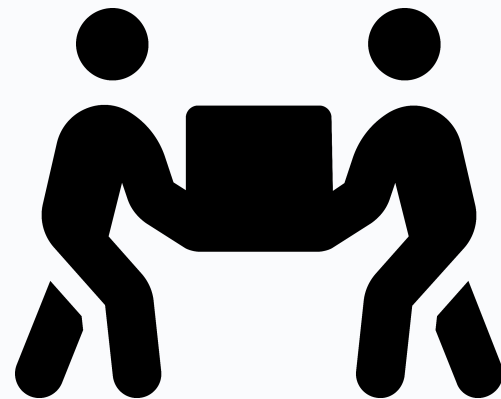


Bring in a broader contributor base



Shared R&D with a broad ecosystem means bringing more contributors and maintainers into your project - including your competitors.

- Our staff works with the project to establish an open, neutral governance that makes roles clear and paths to leadership available.
- All projects have a Code of Conduct to ensure collaboration is done in safe and welcoming environment for all.
- Outreach done through the Open Mainframe Project is done from a neutral perspective, which separates out product promotion and vendor favoritism and promotes the work of the community.

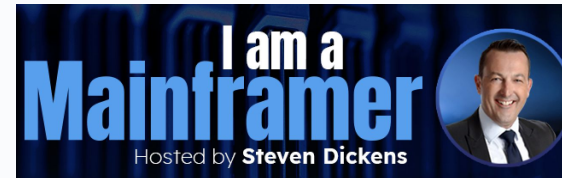


Drive broad industry awareness with press and analysts



Through our large audience, extensive media outreach, and with key partnership with publications such as [Linux.com](#), [TFiR](#), [TechChannel](#), and [MediaOps](#), your project will get broad exposure in mainframe, tech, and open source.

- Your project will be featured on both the [Open Mainframe Project website](#) and [Linux Foundation website](#).
- Always available guest blog post(s) on the [Open Mainframe Project blog](#) on project updates.
- Provide a guest for the ["I Am A Mainframer" podcast](#), hosted by Steven Dickens and Open Mainframe Project
- Post one technical article about an open source project you care about to [Linux.com](#), which has over 1 million unique visitors per month.
- Support of your announcements with social outreach and quotes from Linux Foundation and/or Open Mainframe Project leadership as appropriate.
- Access to opportunities for contributed articles, videos, podcasts, and events



5000+
followers



3000+
followers



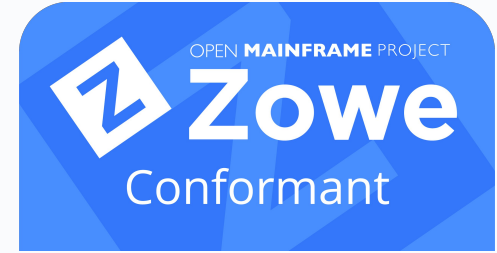
1100+ global media
articles in 2021
from 5 press
announcements

Build a downstream ecosystem for open and commercial solutions



Sustainable projects are those the industry adopts and drive economic value with. Doing this at the Open Mainframe Project takes advantage of the expertise in building these programs.

- Conformance programs with community requirements that are managed by the Open Mainframe Projects
- Training and certification programs through LF Training
- Badging using Credly to recognize individuals
- Events for the community to connect and collaborate.

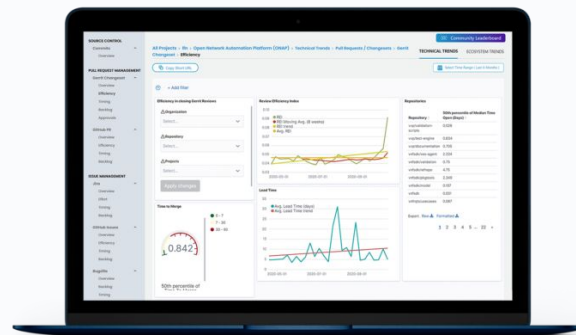


World class tools with LFX



LFX Insights is an analytics tool that is provided to all open source projects hosted by the Linux Foundation. Its capabilities include:

- Getting the visibility you need to remove bottlenecks at any stage of your project's code pipeline. Drill down into performance metrics across every step in the development lifecycle to identify where you should be focusing your resources.
- Ensuring the health and viability of the open source projects you care about. Leverage data to help validate projects for investment, and track the activity and growth of projects your organization is already involved in.
- Showcasing your organization's leadership and subject matter expertise in the open source community. Leverage affiliations to measure the impact of your employees' contributions and capture the full picture of your team's impact



LFX Security is a tool for managing security for your project. It's capabilities include:

- Monitoring of your entire project for potential vulnerabilities with an aggregated project-level view of your entire software sandwich across source control systems and repositories, with the ability to remediate the found issues.
- Identifying non-inclusive language and code secrets in your project to prevent embarrassing situations.



Leverage the collective experience and expertise of the Linux Foundation



Open Mainframe Project staff collective have decades of experience in driving open source projects and ecosystems in a variety of vertical and horizontal industries, bringing the best practices to your project

- Press relations and analyst relations teams to increase awareness of and excitement about your project, and receive regular reports on press mentions and comparisons to similar projects.
- Open Mainframe Project is able to leverage the expertise of its parent organization, The Linux Foundation, which hosts other successful projects including the Linux kernel, Let's Encrypt, and Node.js. For example, Open Mainframe Project has worked on cross project collaboration between Kubernetes, HyperLedger, and Cloud Foundry for improving mainframe support of those technologies.
- You will have access to full-time Open Mainframe Project staff who are eager to assist your project in myriad ways and help make it successful



Bringing your
project here

Anna Karenina Principle of Open Source



- › https://en.wikipedia.org/wiki/Anna_Karenina_principle
- › All happy open source projects are alike; each unhappy open source project is unhappy in its own way...
- › The “LFWay” is that there is no one way...
- › The LF assumes that each open source project is unhappy/different in its own way and that leads to building a unique governance and solution to sustain their communities...

Basic requirements for hosting a project at Open Mainframe Project



The project must:

- ❑ use an approved OSI open source license, preferably inline with the [Open Mainframe Project IP Policy](#);
- ❑ be supported by a [TAC member](#);
- ❑ allow neutral ownership of project assets such as a trademark, domain or GitHub account (the community can define rules and manage them);
- ❑ technical do-ocracy and separation of business governance from technical governance (we're flexible on the model) clearly documented in a charter;
- ❑ allow anyone to participate in the technical community, whether or not a financial member or supporter of the project

Often projects are new open source project, but that isn't a requirement - existing projects are welcome!

Project Preparation Checklist



- ☐ Prepare draft mission and scope statement
- ☐ Identify internal teams within mission and scope
- ☐ Identify developers internally
- ☐ Analyze code for identification of licenses, license quality and project dependencies
- ☐ Assess potential universe of project participants
- ☐ Identify ecosystem constituents and concerns of each
- ☐ Identify any trademarks leveraged by the project (these will be owned by the LF neutrally)
- ☐ Outline infrastructure, marketing any other requirements needed for the project
- ☐ Complete the [project proposal](#) and submit to the TAC for consideration

The Open Mainframe Project staff is happy to engage and advise during this process - let us know how we can help!

Project Trademarks



- › Our project communities control the name of the project, not any one member or company contributor
- › In order to provide for neutral ownership of project assets, we require that The Linux Foundation entities own the trademarks leveraged by the project.
- › In the event that a trademark is already in use by the sponsoring organization, we recommend that the project create a new name to operate under or the owner assign the interest in the mark to The Linux Foundation.
- › See <http://fossmarks.org> for an education on trademarks in open source



Learn more about the Open Mainframe Project

- Find out more at openmainframeproject.org
- See the breadth of open source on the mainframe at l.openmainframeproject.org
- Discover and participate in any of our 21 hosted projects and working groups at openmainframeproject.org/projects
- Take part in our upcoming events and webinars at openmainframeproject.org/events



Thank you!