

What is HPSF?



Performance



Portability



Productivity

1. A neutral hub for open source, high performance software
2. Supports projects that advance portable software for diverse hardware by:
 - Increasing adoption
 - Aiding community growth
 - Enabling development efforts
3. Lower barriers to productive use of today's and future high performance computing systems

What's in it for members?



HPC Providers (HW/SW/Services)

- **Leverage HPSF projects** to enhance your services and products
- Ensure your products are **well supported** by HPSF software
- **Secure mindshare** and collaborate with some of the leading software teams in the HPC space

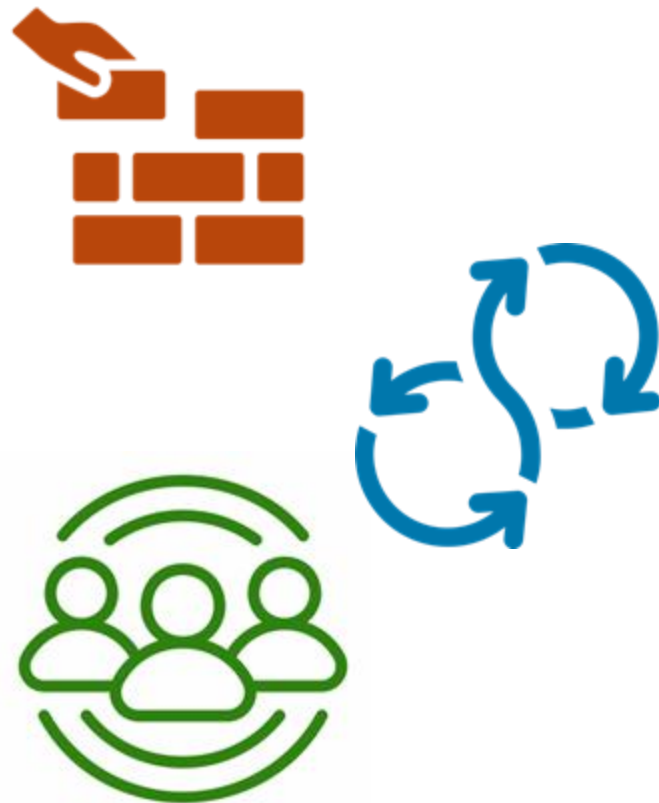


HPC Users (Scientists, Analysts)

- **Leverage HPSF projects** to develop, build, deploy and profile your projects
- **Connect with a community** that can help you use the latest high performance computing software and hardware
 - CPUs, GPUs, AI/ML architectures
- **Voice concerns and requirements** to the HPSF community
- **De-risk software decisions** knowing there's a community to rely on

What's in it for projects?

- **Build a community** for your project grounded in **neutral open source governance**
- **Find synergies on common needs** with other HPSF projects
 - CI, software engineering best practices, community upkeep, marketing
- **Share your knowledge** with and learn from other high performance software projects
- **Participate in working groups** that aim to bring HPC open source software to the wider computing world

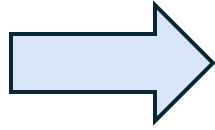


HPSF has established a project lifecycle and inter-project working groups

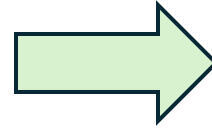
Lifecycle



Emerging



Established



Core

Working Groups



Benchmarking



CI/CD

Binaries?

Security?

Interoperability?

More to come!

Upcoming events: HPSF Conference '26

Conference on Software Communities, for Users and Contributors

March 16 to 20

- HPSF, how to steer the foundation
- Project community meetings
- Open call for:
 - posters
 - panels
 - lighting talks & posters



Registrations are now
open!



HPSF
CONFERENCE 2026

MARCH 16 – 20, 2026

CHICAGO, ILLINOIS

#HPSFcon