

# 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)

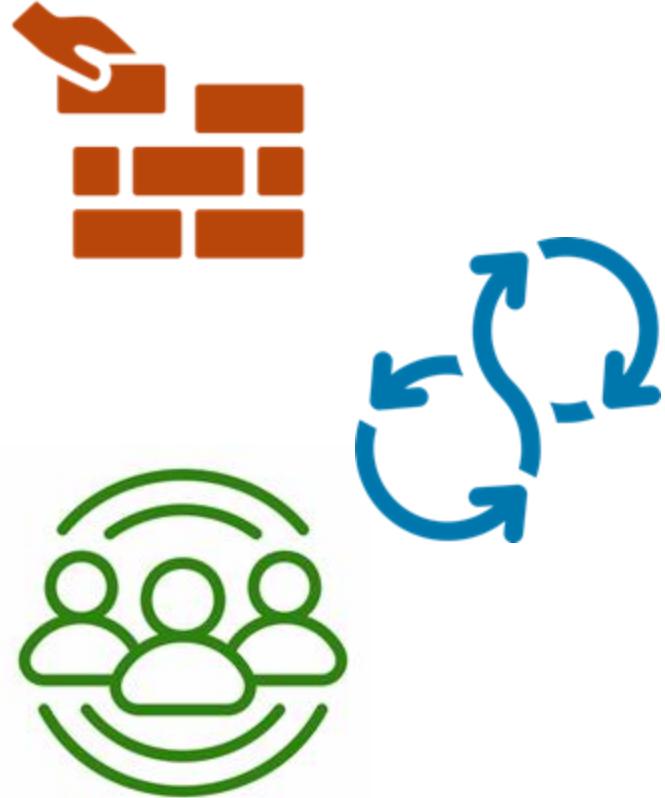
- **Leverage HPSF projects** to enhance your services and products
- Ensure your products are **well supported** by HPSF software
- **Secure mindshare** and collaborate with some of the leading software teams in the HPC space

## 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

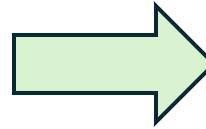
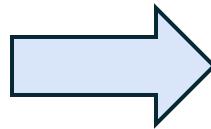
# What's in it for projects?

- **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

Binaries?

Security?

Interoperability?

Working  
Groups



# 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!



MARCH 16 – 20, 2026

CHICAGO, ILLINOIS

#HPSFcon