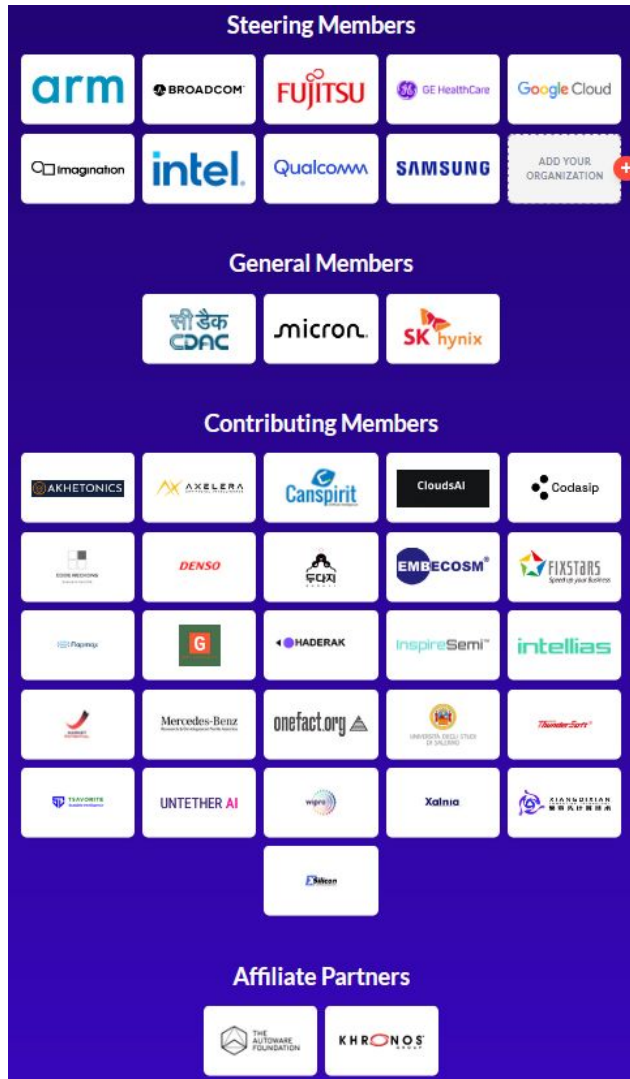


UXL Foundation Monthly Update April 2025



UXL Foundation Membership



New Contributing member during April:

- SiPearl

Welcome to the UXL Foundation!

UXL Mini Summit at OSS Denver

Join us at the UXL Mini Summit in June

New earlier timeslot:

26th June 9am-12:30pm

Contact

info@uxlfoundation.org for lightning talk opportunities



UXL Foundation Mini Summit

DATE June 26, 2025TIME 9am-12:30pm MDT

Colorado Convention Center

Registration Cost: \$5

The Unified Acceleration (UXL) Foundation governs a set of C++ projects that can be used to accelerate a range of use cases, from math operations like SPARSE and BLAS, through to AI operations on CPUs, GPUs and other processors. Join this summit to find out how you can take advantage of the UXL Foundation libraries, and how you can get involved in both shaping the projects as well as making meaningful contributions.

AGENDA:

- Welcome Address (30 min)
- How the UXL Foundation Projects are Powering AI (30 min)
- Getting Started: Using & Contributing (30 min)
- Developing Stable Open Source Releases (30 min)
- High Performance for oneAPI Libraries (30 min)
- UXL Foundation Roadmap (30 min)
- Community Session (30 min)

Working Groups + SIGs

Open Source Working Group

Notes available [in GitHub](#)

[Security processes and infrastructure](#) work package

- Projects continue to implement new processes
- OpenSSF scorecard will be measured and monitored

Project Best Practices Dashboard

- Linux Foundation analytics for all projects now available
- Plan to publish a dashboard for projects
-

[Public Infrastructure](#) work package

- Projects have started to publish their CI requirements
- More infrastructure is being put in place to cover more processor types and architectures
- Process will be defined to establish a chain of trust for

UXL Project Public Roadmaps and Documentation

- Projects are starting to set up public milestones in GitHub
- ⁴A review will be done for projects to ensure documentation is signposted and easily navigated

SIGs

Notes available [in GitHub](#)

Recordings in [openprofile.dev](#)

No SIGs during April


May Meetings

- Language SIG
- Hardware SIG
- Math SIG

Upcoming

See the [public calendar](#) for upcoming meetings and join the relevant [mailing lists](#) to receive invitations

- The UXL Foundation is hosting a BoF session at ISC
- Language and Hardware SIGs during May
- Working Group meets as usual



CONNECTING THE DOTS

Defining Open Standards Programming for AI and HPC - Hosted by the Unified Acceleration (UXL) Foundation

🕒 Wednesday, June 11, 2025 2:15 PM to 3:15 PM - 1 hr. (Europe/Berlin)

📍 Hall G1 - 2nd floor

👤 Birds of a Feather

AI Applications powered by HPC Technologies

Compiler and Tools for Parallel Programming

Development of HPC Skills

Parallel Programming Languages

CONNECT | COMMUNICATE | COLLABORATE