UXL Foundation Monthly Update March 2025



UXL Foundation Membership



New Contributing members during March:

- Renesas, AI Ecosystem Lab, Haderak

Welcome to the UXL Foundation!



UXL Mini Summit at OSS Denver

Join us at the UXL Mini Summit in June

Enquire about our lightning talk section



UXL Foundation Mini Summit

Thursday, June 26

Time: 1:30pm - 5:00pm

Location: 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.

How to Register: Pre-registration is required. To register for Unified Acceleration (UXL) Foundation Mini Summit, add it to your <u>Open Source Summit North</u>

America registration.





Working Groups + SIGs

Open Source Working Group

Notes available in GitHub

Project best practices work package

- Dashboard will be made available for ongoing tracking

Security processes and infrastructure work package

- Initial process agreed
- Defining further processes

Public Build Infrastructure work package

- Gathering requirements for public CI
- Working on packaging for projects

GitHub Organisation Migration
- All projects migrated to oneAPI Foundation GitHub organisation

SIGs

Notes available in GitHub Recordings in openprofile.dev

AISIG

- Beijing Institute of Open Source Chip brought their input on one DNN APIs and potential for extension
- Arm talked about how new features in their processors are used by one DNN in relation to PyTorch



Upcoming in April

See the <u>public calendar</u> for upcoming meetings and join the relevant <u>mailing lists</u> to receive invitations

- No SIGs during April
- Working Group meets as usual

