UXL Foundation Monthly Update February 2025

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UXL Foundation Membership
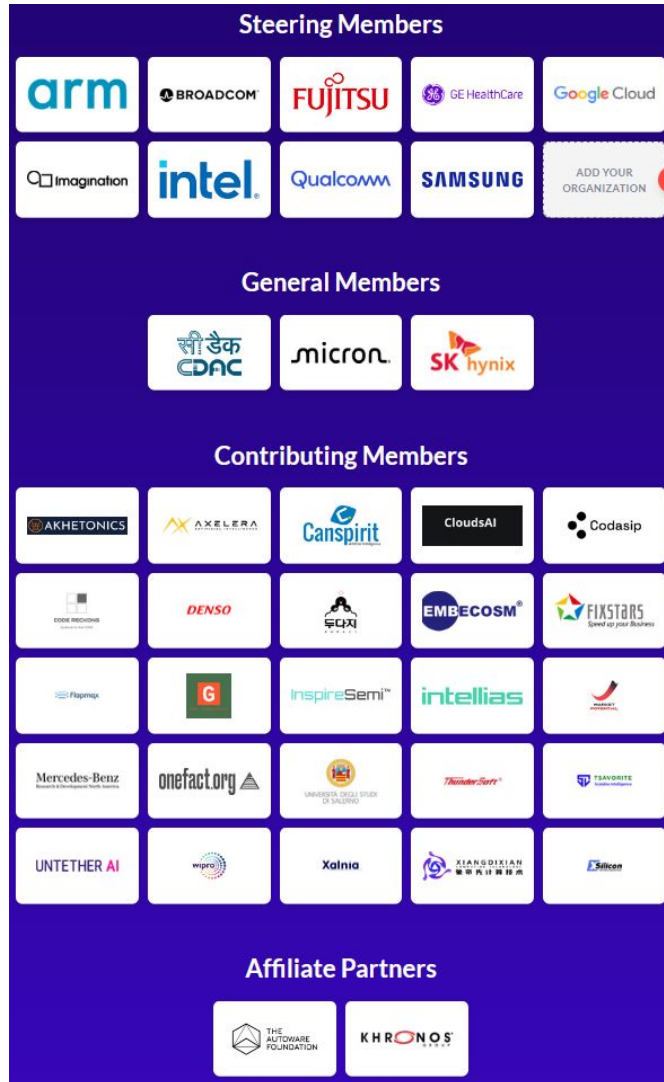
New member during February:

- Intellias

Welcome to the UXL Foundation!

UXL Foundation February 2025 Highlights

- The UXL Foundation will hold a mini summit at the Open Source Summit in Denver (June 26th)
  - Please [contact us](#) if you would like to speak
- The Steering Committee has agreed a roadmap for 2025
  - To be made available to members
- SiPearl made the first Arm processor contributions to the oneMath project
- Embecosm presented at FOSDEM and the AI Plumbers Conference on their work with the oneAPI Construction Kit

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Working Groups + SIGs

Open Source Working Group

Notes available in GitHub

[Project best practices](#) work package

- oneAPI Construction Kit issues remain in progress

[Security processes and infrastructure](#) work package

- Team established from projects

[Public Build Infrastructure](#) work package

- Upgrade to GitHub organisation has been made
- Increases capacity for x86 and aarch64 runners

GitHub Organisation Migration
- All projects migrated to UXL Foundation GitHub except oneDNN which is in progress

The group discussed planning topics and work areas for 2025

SIGs

Notes available in GitHub
Recordings in openprofile.dev

Math SIG
- SiPearl presented their contributions and performance figures for Arm Performance Library backend

Language SIG
- Intel presented the latest status of the upstream effort for the DPC++ compiler into the LLVM project

Hardware SIG
- University of Southampton and Embecosm presented work with PyTorch and oneAPI Construction Kit

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Upcoming in March

See the public calendar for upcoming meetings and join the relevant mailing lists to receive invitations

- Members will be at the Embedded World conference and Linux Foundation Member Summit
- The Working Group and Steering Committee plan to agree a scorecard for the UXL projects to measure against best practices

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