

UXL Foundation Hardware Abstraction SIG

May 8th 2025



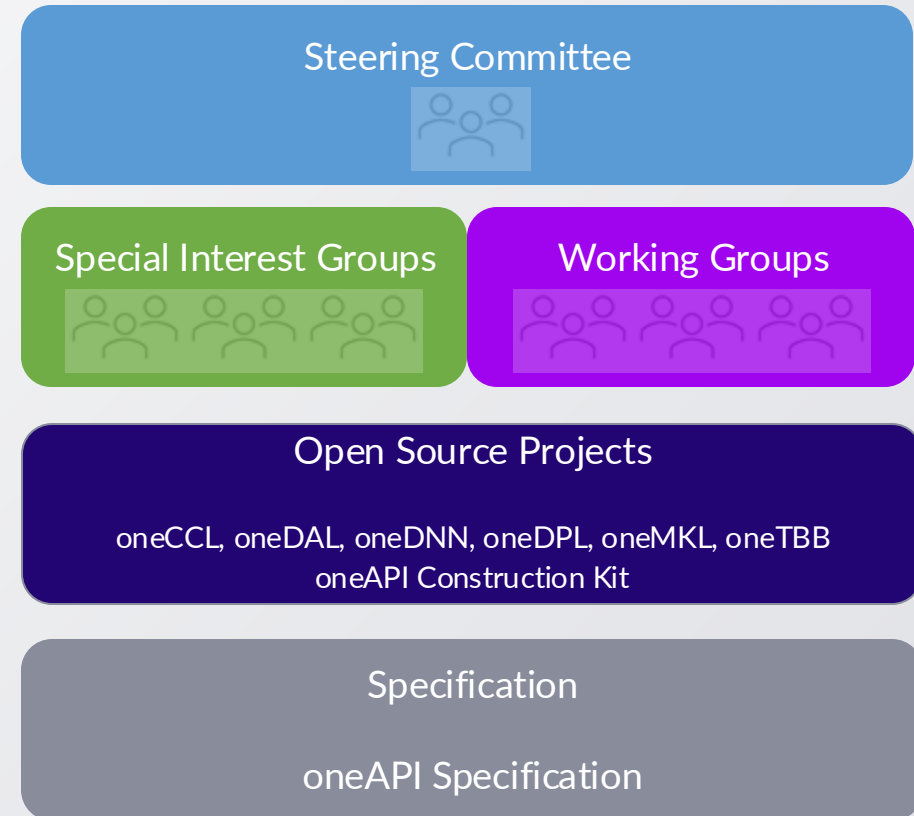
Agenda

- Quick Intro (*Alastair Murray, Codeplay*)
- Scaling Workloads with a Memory Lake (*Dr. Skyler Windh, Micron Scalable Memory Systems Pathfinding*)

UXL Foundation

Hardware SIG

- Meets quarterly
- Covers topics of interest to supporting hardware in the context of UXL
 - Scope: Anything of interesting to supporting heterogeneous hardware
- A SIG, not a WG, we can cover relevant topics even if they aren't directly managed by the UXL foundation



UXL BoF Session at ISC Hamburg



Join the UXL hosted Birds of a Feather session at ISC 2025

Discuss and debate open standards programming for HPC and AI with representatives from Arm, the Ginkgo project, CINECA and Codeplay.

<https://isc-hpc.com/>

UXL Mini-Summit at OSS Denver



Presentations from Arm, GE HealthCare, Qualcomm, Google, Red Hat

Contact info@uxlfoundation.org to join our community lightning talk

<https://ossna2025.sched.com/event/1zwIS>

Main Topic

Closing

- Next call scheduled August 14th
 - Topic suggestions welcome
- To suggest or volunteer a topic
 - Email: alastair.murray@codeplay.com
 - Or, Email: Hardware-SIG@lists.uxlfoundation.org

Thank you!