













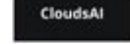








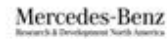









UXL Foundation Monthly Update October 2024



UXL Foundation Membership

Steering Members					
					
					
General Members					
					
Contributing Members					
					
					
					
Affiliate Partners					
					

UXL Foundation October 2024 Highlights

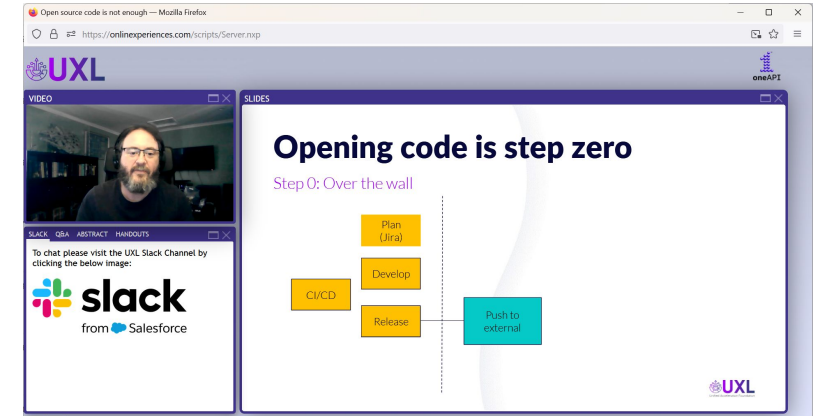
- The first virtual [oneAPI DevSummit hosted by the UXL Foundation](#) was held with > 400 attendees
- A UXL annual members meeting is scheduled for December 3rd
- The [oneAPI Construction Kit](#) project has been contributed to the foundation
- Fujitsu added [openRNG](#) as a backend [for oneDAL](#) to use with Arm CPUs
- Documentation is now available for the [oneDNN generic GPU backend](#)



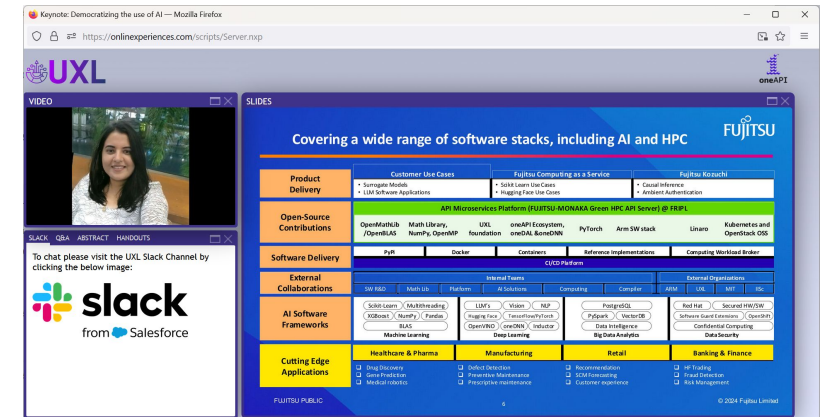
oneAPI DevSummit Hosted by UXL

Replays available [here](#)

- A [blog post](#) highlights some of the recorded presentations
- There were nearly 900 registrations for the event with nearly half of those attending live
- The survey NPS (net promoter score) was high, indicating satisfaction with the event from attendees
- There was good attendee feedback with some constructive comments for the future

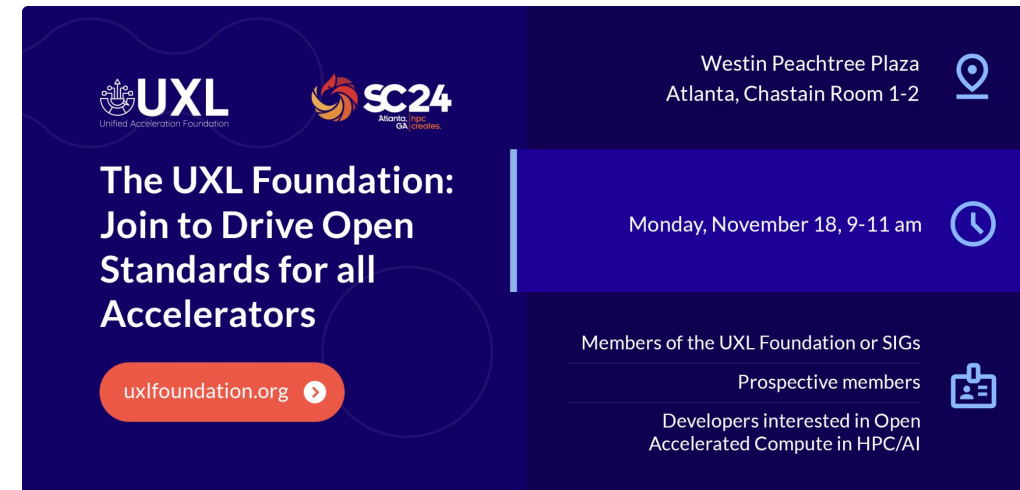


Dave Airlie (Red Hat) was the most watched presentation live



Events & Marketing Update

- SC '24: There will be multiple UXL Foundation members and presentations at SC24, including a breakfast meetup on Monday 18th November, [register here](#)
- Linux Foundation Member Summit: There will be a [UXL presentation](#) on November 19th
- The foundation has applied to have a table at FOSDEM
- UXL Foundation Member Annual Meeting scheduled for December 3rd
- [“How We Ported oneDAL on Arm for Accelerated AI Workloads for Fujitsu-Monaka”](#) Blog published by Fujitsu during October



The flyer is a dark blue rectangular card. At the top left, it features the UXL logo (a stylized circuit icon) and the text 'UXL Unified Acceleration Foundation'. To its right is the SC24 logo (a stylized orange and yellow 'S' shape) with the text 'SC24 Atlanta, 18-19 Nov GA creates.' Below these logos, the main text reads 'The UXL Foundation: Join to Drive Open Standards for all Accelerators'. Underneath this text is an orange button with the text 'uxlfoundation.org' and a right-pointing arrow. On the right side of the card, there is a vertical stack of information: 'Westin Peachtree Plaza Atlanta, Chastain Room 1-2' with a location pin icon; 'Monday, November 18, 9-11 am' with a clock icon; and a section for 'Members of the UXL Foundation or SIGs' which includes 'Prospective members' and 'Developers interested in Open Accelerated Compute in HPC/AI' with a person icon.

UXL
Unified Acceleration Foundation

SC24
Atlanta, 18-19 Nov
GA creates.

**The UXL Foundation:
Join to Drive Open
Standards for all
Accelerators**

uxlfoundation.org

Westin Peachtree Plaza
Atlanta, Chastain Room 1-2

Monday, November 18, 9-11 am

Members of the UXL Foundation or SIGs

Prospective members

Developers interested in Open
Accelerated Compute in HPC/AI

Working Groups + SIGs

Open Source Working Group

Megan Knight (Arm) has joined as co-chair for the group

[Project best practices](#) work package

- Only 6 remaining issues, 3 projects have none outstanding
- Issues for the newly joined oneAPI Construction Kit project have also been added for assignment

[Security processes and infrastructure](#) work package

- Average OpenSSF score > 7.5/10

[Public Build Infrastructure](#) work package

- 3 projects now have public build logs

oneMKL Re-naming to oneMath

- [RFC](#) open for feedback

oneDNN generic GPU implementation

- ⁶ [Implementation](#) merged

SIGs

October Math SIG meeting topics:

- Changes to DFT API presented
- Notes and materials [here](#)

October AI SIG meeting topics:

- oneDNN Vision
- Adding Scikit-learn Intel extension to UXL
- Notes and links to materials [here](#)

All meeting notes, presentations are available in GitHub.

Upcoming in November

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

- SC24: Breakfast meeting, panel on Open Ecosystems and Booth talks
- Linux Foundation Member Summit Talk
- Open Source Working Group Meeting
- Language SIG meeting
- Marketing meeting