



UXL Community Infrastructure Update

Aaron Dron – Codeplay Software Ltd

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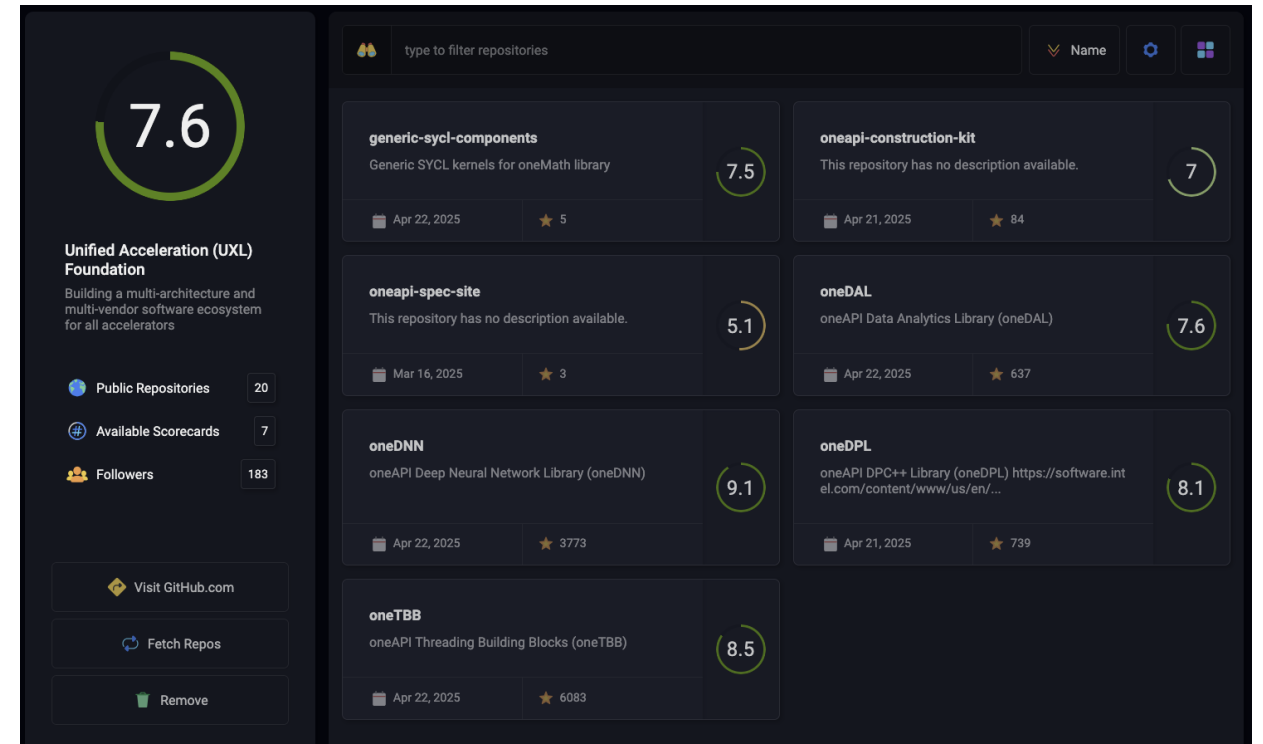
Security

Security Work Package

- Lots of completed actions – well done everyone
- Most projects still working on Coverity – do we need some standard documentation for this?
- Fuzzing using OSS-Fuzz – is the Google account requirement an issue?
- oneCK and scikit-learn-inteleX are a bit behind – do they need help?
- Does anyone have feedback or issues related to this work?

OpenSSF Scorecard Recommendations

- Good scores – still some gaps
- We recommend a that project security contacts review regularly for changes and to inform direction
- We recommend the OpenSSF scorecard workflows are run within repos rather than offloaded to the OpenSSF project



<https://scoredash.xyz>

Users and Trust

- Should we have a default process for all UXL projects for selecting maintainers?
- What light-touch methods do we have to establish trust with possible maintainers?
 - Can we have a basic trust chain thanks to UXL membership and known members of these orgs?
- Should UXL GitHub admins have a document listing GitHub accounts and the UXL member they relate to?

Continuous Integration

Available GitHub Actions Runners

Owner	Type	OS	Num	Active?	Notes
GitHub	[CPU] x86	Linux Windows Mac	Enterprise allows up to 500 concurrent	Yes	
GitHub	[CPU] ARM	Linux Mac	Enterprise allows up to 500 concurrent	Yes	
Intel	[GPU] Intel GPU Max 1550	Linux	Varies depending on container specs requested	Unstable	Migration in progress – some downtime expected
Codeplay	[CPU] ARM	Linux	Cloud-based	Yes	Available until May 31st
ARM	[CPU] ARM	Linux	Cloud-based	Yes	Used only by oneDAL and oneDNN
Codeplay	[GPU] Intel Battlemage B580	Linux	1	No	In progress
Codeplay	[GPU] Nvidia H100	Linux	1	No	In progress

Project Infrastructure Documentation

- For each project we are still looking to answer these questions:
 - What testing should happen in GitHub for external PRs?
 - What testing does happen in GitHub currently for external PRs?
 - What blockers prevent the missing testing being implemented?
- Some projects have added information to the project-ci-documentation.md file in the open-source-working-group repo – thank you!
- Useful feedback from one project about PR testing
- Next steps?

UXL Releases

UXL Releases

- Should we create a UXL Release Process?
 - What associated testing needs to be created?
- Should we use Conda Forge for binary releases?
- Do some projects need to test / build with the Intel open-source compiler (intel/llvm)?

Reach Out

- aaron@codeplay.com
- aaron.dron@intel.com
- UXL Slack