

GitHub organization for UXLF Projects

Repo ownership in GitHub

- Intel will transfer ownership of github repositories to UXLF:
 - This means moving to repos to GitHub org that LF/UXLF owns
 - Standard practice for LF
 - Initial list: onednn, onetbb, oneDPL, oneCCL, oneDAL, oneMKL, oneapi-spec
 - Requested we transfer repositories from <https://github.com/oneapi-src> to <https://github.com/uxlfoundation>
- We should consider alternatives
- After agreement on what we will do, we can make a plan

Proposal

- Repo's move to project-specific GitHub Org
 - e.g. <https://github.com/onednn-project/onednn>
- Reserved org names:
 - <https://github.com/onednn-project>
 - <https://github.com/onecccl-project>
 - <https://github.com/onedal-project>
 - <https://github.com/onetbb-project>
 - Also available: <https://github.com/onetbb>
 - <https://github.com/onedpl-project>
 - Also available: <https://github.com/onedpl>
 - <https://github.com/onemkl-project>
 - Also available: <https://github.com/onemkl>

Oneapi-src contents and choices for move

GitHub Org: https://github.com/<org>/oneDNN					
org/criterion	oneapi-src	uxlfoundation	oneDNN-project	<new-project>-org	Notes
Administration					all choices give projects org & repo admin rights
Disruption					non-UXLF repos should move to intel org for all choices
Future Proofing					likelihood of future change/cumulative cost
Isolation					coupling between project repos with each other and uxlf admin repos
Perception of neutrality					oneapi and product names strongly connected to Intel
establishing UXLF Identity					
	better				
	neutral				
	worse				

Isolation: Each project in its own GitHub Org

- Advantages
 - Orgs have 20 GitHub runner limit, no need to share with other projects
 - Repo names only need to be unique/meaningful for the project
 - Projects have full control over which GitHub integrations are allowed
- Disadvantage
 - Harder to do central administration
 - No shared teams between projects

Examples from other Foundations that are Collections of Projects

- Does not have to be same for all projects
- Common to have project-specific domain for project web site and project-specific github org
- <https://www.cncf.io/projects/>
 - <https://www.cncf.io/projects/coredns/>
- <https://openjsf.org/projects>
 - <https://jestjs.io/>

Process for Moving to a new GitHub Org

- Before
 - Create identical teams in new org (Dower)
 - Setup github page forwarding (Dower + teams)
 - <https://oneapi-src.github.io/oneAPI-spec/spec/> redirects to <https://uxlfoundation.github.io/oneAPI-spec/spec/>
- Move: Move repos between org (Dower)
- After
 - Set of volunteers administer org
 - Github remotes automatically forwarded: git clone/fetch/push
 - <https://github.com/oneapi-src/onednn> automatically forwarded

See also: <https://docs.github.com/en/repositories/creating-and-managing-repositories/transferring-a-repository>

Moving oneapi-src to UXLF

- ~50 other repositories need to move to another github org
- Most repositories can be moved to <https://github.com/intel>
- Some are future candidates to move to uxlf

Project web site

- Github Pages URL based on github org and project
 - `https://<org>.github.io/<project>`
 - <https://oneapi-src.github.io/oneAPI-spec>
- Github pages allows custom domain
 - UXLF/LF can provide and manage the hostnames: e.g. onednn.uxlf.org
 - Decouple github naming from project web site URLs