ww34'22: Level Zero Technical Advisory Board

Level Zero v1.5 Spec Release

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Top Issues for v1.5

- New interfaces:
  - Define set of interfaces to programmatically use SYSMAN interfaces with Core APIs · Issue #7 · oneapi-src/level-zero-spec · GitHub
  - Device and Metrics timestamps synchronization · Issue #11 · oneapi-src/level-zero-spec · GitHub
- Documentation:
  - Add IPC support for host allocations · Issue #6 · oneapi-src/level-zero-spec · GitHub
  - Clarify that a context created against a root device includes automatically all its sub-devices · Issue #8 · oneapi-src/level-zero-spec · GitHub
  - Allowing IPC Events with Timestamp Events · Issue #9 · oneapi-src/level-zero-spec · GitHub

Other new issues

- Remove or comment the deprecated APIs zesPowerGetLimits && zesPowerSetLimits · Issue #12 · oneapi-src/level-zero-spec · GitHub
- Is it possible to increase event states beyond 2? · Issue #5 · oneapi-src/level-zero-spec · GitHub
- Callback when Level Zero frees memory · Issue #13 · oneapi-src/level-zero-spec · GitHub

Timeline

- Presentation of issues on TAB meeting
  - Aug 15th
- L0 v1.5rc
  - September.
- L0 v1.5 release
  - October

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