

Open-CMSIS-Pack

Technical Project Meeting 2022-06-07

This meeting is recorded !



Agenda

- Welcome
- Pack Specification Change Board
- Request for Review
- Wrap Up

Review Pack Specification Change Board

Change Board

Progress:

- [Component FileCategoryType GAP](#) - PR [133](#)
- [Provisions for 'temporary'/'vendor' extensions](#) - PR [127](#)
- [Component Discovery Gaps](#) - PR [127](#)

Todo: [Component Licenses Gap](#) (Joachim)

Actions:

- Review above PRs
- find collaborators, schedule and progress `active` issues
- set collaborators and schedule for `new` issues

Request for review

- [csolution] Toolchain independent configuration [#179](#) ([#120](#))
 - csolution.yml: [translation control](#)
 - Tarek (ST), Mario (IAR)
 - [buildmgr] Spec for toolchain cmake description file [#367](#)
- [csolution] Floating-point ABI / binary compatibility [#359](#)
 - 'Mixed' not supported today
 - Library compatibility contained in components
- [pack] Relaxing schema for pack versions [#126](#)
 - cpackget [#98](#)
 - packchk [#329](#) -> do we consider [two schema files](#)?
- [pack] Component dependency on board [#131](#)

Request for review (cont'd)

- [csolution] build-types are shared across all projects [#355](#)
 - Refinements on project level do not support `for-type`
- [csolution] compiler dependent file selection [#356](#)
 - Reuse of cproject.yml files in multiple csolution.yml requires alignment of build- and target-types
- [pack] board specific memory in board support [#124](#)
 - next week: rzone file vs. <board> extension
- [csolution] add json file as list generators output flag [#352](#)
 - no feedback yet
- [csolution] support debug configuration data [#335](#) (ToDo)
 - Holt (NXP) needs more time for example data
- [pack] Including csolution examples in Packs [#122](#) (ToDo)
 - create issue to discuss changes to Spec ([proposal](#))

Wrap Up

- Updates from tools:
 - CMSIS-Toolbox Version 0.10.2 released (2022-06-01)
- The Technical Project Meetings are now on Zoom:
 - On Tuesdays, 16:00 CET
 - <https://linaro-org.zoom.us/j/5810428000?pwd=dTMwQlIVb3preENTNjdrSG9rdm13dz09>
 - Meeting ID: 581 042 8000, Passcode: kerplunk
 - Find your local number: <https://linaro-org.zoom.us/u/abgEV44v3v>
- Next Open-CMSIS-Pack meeting: 14th June 2022 @ 16:00 CET (15:00 UK)

Thank you

