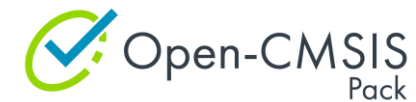# Open-CMSIS-Pack

Technical Project Meeting 2022-03-08

This meeting is recorded !

Agenda

- Welcome

- Updates from last week

- Ability to create standalone project (Holt Sun)

- 'csolution' update

- Wrap Up

Updates from last week

- Review CMSIS-Pack generator component concept #20
  - Did not receive any feedback
  - Updates in #78 (related)
- Discussion about introduction of MCPRJ continues here #171
  - Combine mcprj + cprjs into a single file?
  - Consider replacing mcprj/cprj directly with CMakeLists.txt?
- Discussion about Compiler options abstractions now here #179
  - Should the abstraction rather happen at UI level?
  - "Each time we are introducing an enum we will face trouble"
- In issue #174 an update was requested about converting from cprj -> yml => Not being worked on yet – contributions welcome
- New: Consistency of Version Range in PDSC/YML #188

Ability to create standalone project #93

- NXP and ST agree on the requirement to have an option for 'creating' *standalone / fully self-contained* projects
    - ST is supporting the idea of storing complete/extracted CMSIS-Packs within the project's folder structure
    - NXP requires the project folder to
        - only contain necessary components/files
        - follow a specific physical project folder structure (independent from folder structure in the CMSIS-Pack)
        - Alternative paths for user friendly project layout #95

- NXP to demo

'csolution' update

Planned release features in sight of CMSIS Annual Update (March 15th)

Build Manager:
- Bugfix base path of pre-include files with config attribute – Issue #164
- Remove source file naming limitations

Project Manager:
- Bugfix device variant handling – Issue #164
- Bugfix remove invalid warning – Issue #176
- Select user provided linker script file – Issue #89
- Rework default component variant selection
- Config files PLM – User Manual
- Initial pack selection support – User Manual

Pack Installer:
- 0.3.0 Release got published today

Wrap Up

- Action all:
  - Your feedback on the proposals as well as the questions raised is essential

- Reminder: CMSIS Annual Update Webinar next week
  - March 15th, 2022 @ 16.30 CET (15:30 UK)
  - Please confirm your attendance in advance by email to cmsis@arm.com.

- No Open-CMSIS-Pack Technical Meeting next week !!!

- Next Open-CMSIS-Pack meeting: 22nd March 2022 @ 16:00 CET (15:00 UK)

Thank you