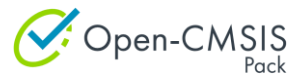# Open-CMSIS-Pack

Technical Project Meeting 2024-03-12

This meeting is recorded!

Agenda

- Welcome
- Project Boards
- Demo - Generator Integration uVision
- Discussion
- Issues for Review
- Wrap Up

Boards:

- [Open-CMSIS-Pack Specification Change Board](#)

- [CMSIS-Toolbox 2.3.0 Project Board](#)
    - Targeting release for e/o March 2024

- [CMSIS-Toolbox 2.4.0 Project Board](#)
    - Please review and provide feedback in case you see topics missing
    - (Re-)Add issues or comment on existing issues that you think must be in 2.3.0

Demo

- Generator integration into IDE (David, Arm)
- VSCode - Custom editor: [CMSIS Configuration Wizard Annotations](#) (Joachim, Arm)

Discussion

- Pack version does not include meta-data in `cbuild*.yml` files [#1339](#)
    - Do we allow specifying pack versions with meta-data (`+…`) in CMSIS project format?
    - Two versions only differing in the meta-data (`+…`) cannot be ordered
        - `- pack MyVendor::MyPack` -> `1.0.0+foo == 1.0.0+bar`
        - `- pack MyVendor::MyPack@1.0.0 -> which one to pic`
    - To prevent ambiguity, pack managers must prevent the concurrent installation
    - [cpackget] must strip meta data from version [#268](#)

Issues for Review

- [CPRJ schema] Empty `groups` are not allowed [#1345](#)
  - Related: [CPRJ schema] Empty `components` is not allowed [#1343](#)
- [csolution]: unclear warning - required pack […] is not loaded [#1356](#) (fixed)
- [cbuild] listen to signal and terminate appropriately when receiving `SIGTERM` [#175](#)
- [cbuild] unexpected: error cbuild: error in getting list of missing packs [#1355](#) (fixed)
- [cpackget] `rm` command does not work via `packID` for local repository entries [#269](#)
- [RTE] map `scope` attribute to just `public` and `private` for `category="header"` [#1369](#)

Wrap Up

Is anyone preparing a topic to present and discuss in the coming weeks?

- Please contact Joachim.Krech@arm.com ahead of the meeting

- CMSIS-Toolbox targeted release schedule:
  - Release candidate 2.3.0-dev0 on 25th Mar. 2024
  - Official release 2.3.0 on 4th Apr. 2024

Next Open-CMSIS-Pack meeting: 19th Mar. 2024 @ 16:00 CET (15:00 UK)

Thank you