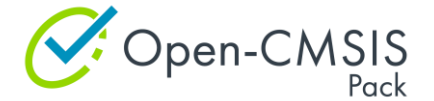


# Open-CMSIS-Pack

Technical Project Meeting 2022-09-06

This meeting is recorded !



# Agenda

- Welcome
- Change Boards
- Requests for Review
- Feedback to 'Pack Generation'
- CMSIS-Toolbox 1.1.0
- Wrap Up

## Review Change Boards

- [Pack Specification Change Board](#)
  - Added proposal for <part> description [#144](#) and linked [PR #147](#)
  - Removed [#120](#) from board (Eric to comment)
- [Solution Specification Change Board \(New\)](#)
  - No update



# For Review

- Support for build-type and target-type in cproject [#450](#) (<= [#355](#))
- Rediscuss the "hidden" proposal from NXP [#112](#)
  - Conclude on open questions
- Proposal for Pack Lockfile [#434](#)
  - [Cbuild Output File](#)
- Handling of Multiple Component Instances [#76](#)
- Progress on [Translation Controls](#) (optimize, debug, warnings)
  - Tarek is working on PR [#328](#)
- Conclusion on define in compile element [#351](#)
- Deprecate: --project command line option, unnamed YML files [#465](#)
- Open the door to more HW description [#115](#)

Other review “asks” before finally closing issues:

- Anything still open for “[Discussion Done](#)” items.
- Can you provide answers for “[Question](#)” items.

## Feedback to “Pack Generation”

- Discuss feedback to “Pack Generation” presentation from last week - see [Meeting Notes](#):

# CMSIS-Toolbox 1.1.0

<https://github.com/Open-CMSIS-Pack/cmsis-toolbox/releases/tag/1.1.0>

- **cpackget 0.8.0 (Luis)**
  - Local digital signatures
- **csolution 1.1.0 (Daniel)**
  - add minimum component version handling
  - add initial layer interfaces handling
  - support Bversion alongside Brevision for backward compatibility
  - fix config path for device dependent component
  - fix context name resolution on interdependent access sequences
  - fix default RTE directory reference
- **cbuildgen 1.1.0 (Daniel)**
  - simplify use of environment variables
  - fix config path for device dependent component
  - fix selection of latest compatible toolchain
- **cbuild 1.1.0 (Daniel)**
  - Increase log severity when missing packs are reported

# Wrap Up

- Arm will now progress with `generators` [#104](#), however we will raise some questions:
  - What type of backward compatibility (with MDK, CMSIS-Pack-Eclipse) do we want to achieve
  - Is a generator registered, i.e. by a PATH variable?
  - Can we remove some options in the [<generator>](#) element?
  - Is the proposed \$G the path to the [cbuild.yml](#) file? [#433](#)
  
- Next Open-CMSIS-Pack meeting: 13th Sep. 2022 @ 16:00 CET (15:00 UK)



Thank you

