

Open-CMSIS-Pack

Technical Project Meeting 2022-10-11

This meeting is recorded !



Agenda

- Welcome
- Change Boards
- For Review
- Update CMSIS-Toolbox 1.2.0
- Wrap Up

Review Change Boards

- [Pack Specification Change Board](#)
 - [PR164](#) Changelog Gap -> please review
 - [Solution Specification Change Board](#)
 - Separate Specification from Implementation for:
 - Project Management specification and formats
 - *.csolution.yml, *.cproject.yml, *.clayer.yml, [*.cdefault.yml]
 - *.cbuild.yml
 - Project Build format
- => Put all specifications under single repo Open-CMSIS-Pack-Spec(s)
or split them up?

For Review

- Optional RTE creation [#371](#)
 - `cbuilder --update-rte`
 - backward incompatible change for standalone use case
- C and C++ linker flags support [#224](#) PR [#492](#)
 - Agree on the way we manage C/C++ specific Linker options
- Best way to handle components selection/removal in a project [#466](#)
- Any feed back on project structure ?
 - [AWS MQTT MutualAuth Demo](#)
- Request for contribution:
 - [packchk] embed XML validation as an initial validation step [#506](#)
- Is it an Open-CMSIS-Pack project objective to deliver binaries?
 - Do we rely on members to create distributions or derivative work?

Update CMSIS-Toolbox

- [Version 1.2.0](#) of CMSIS-Toolbox (Daniel)
- **csolution 1.2.0**
 - added `-V/--version` option
 - added `-l, --load [latest|all|required]` set policy for packs loading
 - removed `-p/--project` option
 - separation of config files belonging to layers
 - generation of `cbuild-idx.yml` and `cbuild.yml` files - [CBuild Output Files](#)
- **cbuildgen 1.2.0**
 - added `-V/--version` option
 - added component attribute `'rtedir'` allowing config files path customization
- **cbuild 1.2.0**
 - added `'arm64'` as an additional supported host platform
 - added support for Cortex A5, A7 and A9 for AC6 and GCC
- **cpackget 0.8.1 (Luis)**
 - fix HTTP(S) proxy usage

Wrap Up

- We will send a notification by email once the example repo is public:
[https://github.com/Open-CMSIS-Pack/AWS MQTT MutualAuth SW Framework](https://github.com/Open-CMSIS-Pack/AWS_MQTT_MutualAuth_SW_Framework)
- Other review “asks” before finally closing issues:
 - Anything still open for “Discussion Done” items.
 - Please help to resolve tickets with label: [question](#)
- Next Open-CMSIS-Pack meeting: 18th Oct. 2022 @ 16:00 CET (15:00 UK)

Thank you

