Open-CMSIS-Pack

Technical Project Meeting 2022-11-29

This meeting is recorded !

Agenda

- Welcome

- Topics from STMicroelectronics

- Change Board

- For Review/Pending

- Wrap Up

Topics from STMicroelectronics

- Context: Alternative to *.CPRJ + Proposal for Pack Lockfile [#434](#)

  - cbuild.yml format extension [components](#)

    - Add `generator-input-files`

    - Add file `origin` for config and template files

- CMSIS-Pack generator component concept - Proposal [#104](#)

  - Criteria for needing to run a generator?

    - New: Generator `dry-run` writes alternative updated gpdsc file: if they differ => csolution `run -g <generatorID>`

    - Current Proposal:
      gpdsc file contains list of "generator components" (input) and generator is invoked in case a component got added or removed.

Change Board

- **Pack Specification Change Board**
  - (PR in preparation) CMSIS-Pack extensions for Generator concept #168

- Taxonomy proposal for <part> elements (New) #173
  - Presented by Silvio (STMicroelectronics)

For Review / Pending Items

- [cpackget] Digital Signatures of Packs [#8](#)
    - Wiki page: [Signed Packs](#)
    - The Update Framework - [TUF](#)
- Mismatch between Cvariant in pdsc and component in cproject yml file [#600](#)
- `warnings: on` should map to `-Wall` for GCC [#599](#)
- Working Areas [#595](#) (pending)
- Terminology and Definitions Update ([Glossary](#)) (pending)
- Local support in cproject.yml for build-type / target-type [#450](#) (pending)

Wrap Up

- 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: 6th Dec. 2022 @ 16:00 CET (15:00 UK)

Thank you