Open-CMSIS-Pack

Technical Project Meeting 2022-08-30

This meeting is recorded !

Agenda

- Welcome

- Change Boards

- Requests for Review

- Arm Presentation: Pack Generation (Reinhard)

- Wrap Up

Linaro

Review Change Boards

- **Pack Specification Change Board**
  - **Decision Committee meeting 2022-08-29**:
    - Accepted: #95, #112, #134,
  - Pending action: create PRs for #126 and #25 - Joachim
  - Volunteers for writing PRs for newly accepted changes

- **Solution Specification Change Board** (New)
  - Issues for review by Decision Committee regarding 'csolution' specification

- Note: Add <mountedPart> and <parts> elements PR 147
  - On hold until Decision Committee had corresponding issue to review (action Eric)

For Review

- Proposal for Pack Lockfile [#434](#) - feedback Samuel
  - Directly generate CMakeLists.txt instead of lockfile
  - Require local pack references (agreed)
  - Store conditionID with components and files
    - Part of ID for components or additional property like for files?
  - Lockfile to be used by "Generators" instead of *.generate.yml
    - Single vs. multi context
    - List generator as part of component ID
    - Add: attr, category, path in pack, RTE-Path
- CMSIS-Pack generator component concept - Proposal [#104](#)
  - Fred, please copy your latest comment
- Handling of Multiple Component Instances [#76](#)
- Progress on [Translation Controls](#) (optimize, debug, warnings)

Arm Presentation (cont'd from last week)

- About Pack Generation

Wrap Up

- Update: CMSIS-Toolbox 1.1.0 targeted for September 6th 2022 (next week)
  - Known issue: RTE subdirectory incorrect for device dependent components
  - Including cpackget 0.8.0 adding signing and signature verification features (Luis)

- Next Open-CMSIS-Pack meeting: 6th Sep. 2022 @ 16:00 CET (15:00 UK)

Thank you