



Technical Project Meeting

15th June 2021 15:00 UK time

Note: This is a **PUBLIC** meeting being recorded

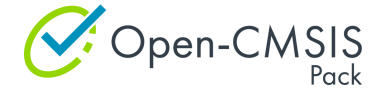
Agenda

- Actions from last week
- Revisiting Logistics
- Revisit data transition
- CMSIS Review meeting
- Wrap Up

Actions from last Week

- Align with MCU-Drive-HAL project through LITE SC reporting (Joachim)
- Create User Story for extending the API meta information with optional features for use in dependency checking (Maxime)
- Do people want to receive a weekly email with the link to meeting notes?

Open-CMSIS-Pack (logistics)



- Open-Source Project under LITE Group
- **Everything is PUBLIC!**
- Technical Project Meetings – weekly – Tuesday 15:00 – 16:00 (UK)
- Meeting notes <https://linaro.atlassian.net/wiki/spaces/CMSIS/pages/28516450540/Meeting+notes>
 - Minutes, presentation, recording
- Wiki: <https://linaro.atlassian.net/wiki/spaces/CMSIS>
- GitHub: <https://github.com/Open-CMSIS-Pack/CMSIS-Pack/> (created)
 - Discussion
 - Issues
- JIRA: <https://linaro.atlassian.net/browse/CMSIS> (access issues?)
- Mailing List: Open-CMSIS-Pack-dev@op-lists.linaro.org
 - Meeting invites and minutes (link)
 - Subscribe/unsubscribe: <https://op-lists.linaro.org/mailman/listinfo/open-cmsis-pack-dev>

Data Transition

- Access to Shadowfax sharepoint and github repository remains for the time being
- No content is (re-)moved without prior group consent
 - Need to agree on suitable migration process
 - ADRs
 - Accepted: Should reflect purely technical consensus. Objections on moving them as is?
 - Pending: Author to reraise pull-request against public repo if desired.
Discussions will be left behind.
 - User Stories
 - Accepted stories: Story definitions (i.e. issue description) to be copied as is if no objection raised.
 - Proposed stories: Author to reraise issue against public repo if desired.
Discussions will be left behind
 - Discussions
 - Answered: Follow-up action (e.g. new stories, new ADRs) against public repo.
 - Unanswered: Author to reraise discussion against public repo if desired.
- Created miscellaneous repo: <https://github.com/Open-CMSIS-Pack/misc>
 - For experiments

Plans

- Complete <https://github.com/Open-CMSIS-Pack/vidx2pidx> as “reference repository”
 - GitHub discussion
 - Review and discuss structure of repositories
 - CI / CD
- Seeking for contributions focusing on Pack creation and validation
- Arm to contribute CMSIS-Pack libraries and tools
- Migrate specification / documentation for CMSIS-Pack and CMSIS-Build from CMSIS_5
- Project management CLI tool MVP

Conclude Discussions

5 Discussions to be continued...

Open discussions ...

- CMSIS-Pack Cbundle issue ([#172](#))
 - identify root cause of bundle issue -> migrate ?
- Default variant flag in CMSIS pack ([#168](#))
 - use record order of variants instead of "default" flag -> migrate ?
- Index vs. Host vs. Web ([#184](#))
 - What is the information/services we expect from a Pack-Online-System?
- CMSIS Build tools ([#162](#))
 - May we create something similar (like git) on project manipulation level?
- Pack attributes versus component attributes ([#161](#))
 - What other pack attributes and properties may cause confusions?

Next week – CMSIS Review Meeting

- Date: 22.06.2021 (Tuesday), Start 4:30 pm CEST, 1.5 hours
- Register here: https://armltd.zoom.us/webinar/register/WN_LLbNBz-Q6O9mK6wsM1C7w
- Topics from the agenda:
 - Open-CMSIS-Pack: a new open-governance initiative under Linaro LITE.
 - Pack submission process that leverages Open-CMSIS-Pack for pack generation and verification.
 - Keil Studio Cloud, a browser-based IDE that uses Open-CMSIS-Pack technologies.
 - CMSIS-DAP v2.x that further improves speed and integrates Event Recorder for CI and MLOps workflows
 - TinyML development with CMSIS-Pack and cloud-based workflows.
 - CMSIS-DSP Update
 - API extensions to CMSIS-RTOS v2 for process isolation.
 - Q & A

Wrap Up

Actions and Next Steps

- Action all:
 - Review all items to be moved to Open-CMSIS-Pack / Linaro CMSIS JIRA
 - Reraise pending ADRs/discussions/stories copying leaving the comments behind

- Next regular technical meeting: Tuesday June 29th, 2021 15:00 – 16:00 (UK)

Thank You !