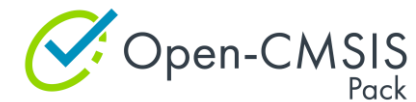


Open-CMSIS-Pack

Technical Project Meeting 2022-02-01

This meeting is recorded !



Agenda

- Welcome
- Introducing CMSIS Toolbox
- Prioritized Milestones
- Wrap Up

CMSIS Toolbox

- Download:

<https://github.com/Open-CMSIS-Pack/devtools/releases/tag/tools/toolbox/0.9.0>

- Instructions:

<https://github.com/Open-CMSIS-Pack/devtools/blob/tools/toolbox/0.9.0/tools/toolbox/docs/CMSIS-Toolbox.md>

- Step by Step Demo (Daniel)

- Known Limitations:

- Some commands require to run in project context (-p <project>.cproject.yml)
 - list dependencies
 - list components (filtered by device and compiler)⇒ need to be able to specify the 'context'

- Feedback:

- Raise github [issue](#) with label 'csolution'

CMSIS Project Manager – prioritized ToDo list

1. Review of CMSIS-Toolbox by partners with feedback on potential issues (ongoing)
2. PLM of config files (proposal is included in specification)
 - Specify a preferred 3-way merge utility? E.g. <https://git-scm.com/docs/git-merge-file> (issues #104)
3. Multiple Component Instances ([issues #76](#))
4. RTE directory structure finalize (proposal is included in specification) ([issues #77](#))
5. Local copy of packs (ST requirement)
6. Handling of packs (CMSIS-Pack-Root, Repositories, Local packs, etc.)
 - Finalize definition cdefault.yml
7. CMSIS-Zone integration (resource management)
 - support templating languages and use it with generators ([issue #78](#))
8. Execution Groups (or perhaps better execution phases)
9. Generator support / extensions
10. Layer interface definitions
11. Board conditions
12. Layers distributed in packs
13. Vendor specific additions (ST requirement) [devtools #83](#)
14. Multiple devices defined by a board

Wrap Up

- Action all:
 - Provide review feedback
 - Suggest topics for next week's agenda
- Review of currently open issues in repository:
 - [Issues](#): Still relevant? Open Actions? Next Steps? Refinements?
- Next Open-CMSIS-Pack meeting: 8th Feb. 2022 @ 16:00 CET (15:00 UK)

Thank you

