

Open-CMSIS-Pack

Technical Project Meeting 2022-03-29

This meeting is recorded !



Agenda

- Welcome
- Issues for review
- CMSIS-Toolbox update
- Wrap Up

Request for review:

- Component Discovery Gaps [#23](#)
 - Maxime (ST) wants to drive topic towards conclusion
- Support of source file patterns in YML [#82](#)
 - But explicit file list in cprj (Vincent ST)
- CPRJ: add linker flags for C++ '*ldxxflags*' [#24](#)
 - Separate flags for C vs. C++ (Vincent ST)
- Updated directory structure proposal [#221](#)
 - Configurable instead of hard-coded (Vincent ST)
- Reproducible build information includes tools e.g. compiler [#220](#) (Fred ST)
 - Scope of vanilla tools
- Project Portability concerns [#105](#) (Fred ST)
 - Flexible vs. Reproducible

CMSIS-Toolbox implementation progress

Latest release: CMSIS-Toolbox 0.9.3 (29th March 2022)

<https://github.com/Open-CMSIS-Pack/devtools/releases>

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

Build Manager:

- updated help menu option – issue [#228](#)
- extended support for defines/undefines/includes/excludes at component/group/file level
- added support for 'path' attribute in package requirement
- added generation of list of missing packs in json format

Project Manager:

- added cdefault.yml handling
- added command 'list boards' - issue [#141](#)
- added pack selection support for 'path' keyword
- added generator 'key' attribute support
- extended support for defines/undefines/add-paths/del-paths at component/group/file level
- fixed solution translation controls keywords processing
- fixed misc C* at component level

Pack Installer:

- bugfix issue [#36](#)

Plans for the next weeks:

- continue generator component extensions
- start cbuid bash replacement
- implement Access Sequences in build manager
- rework 'list packs' behaviour - issue [#127](#)
- bugfixes

Wrap Up

- Issues to be reviewed during next week's call:
 - Project Portability concerns [#105](#)
 - Flexible vs. Reproducible
- Action all:
 - Your feedback on the proposals as well as the questions raised are essential
- Next Open-CMSIS-Pack meeting: 5th April 2022 @ 16:00 CET (15:00 UK)

Thank you

