

Open-CMSIS-Pack

Technical Project Meeting 2023-05-09

This meeting is recorded !



Agenda

- Welcome
- Boards
- Gaps to close for 2.0
- Wrap Up

Boards:

- [Open-CMSIS-Pack Specification Change Board](#)
- [CMSIS-Toolbox 2.0 Project Board](#)

Gaps to Close for CMSIS-Toolbox 2.0

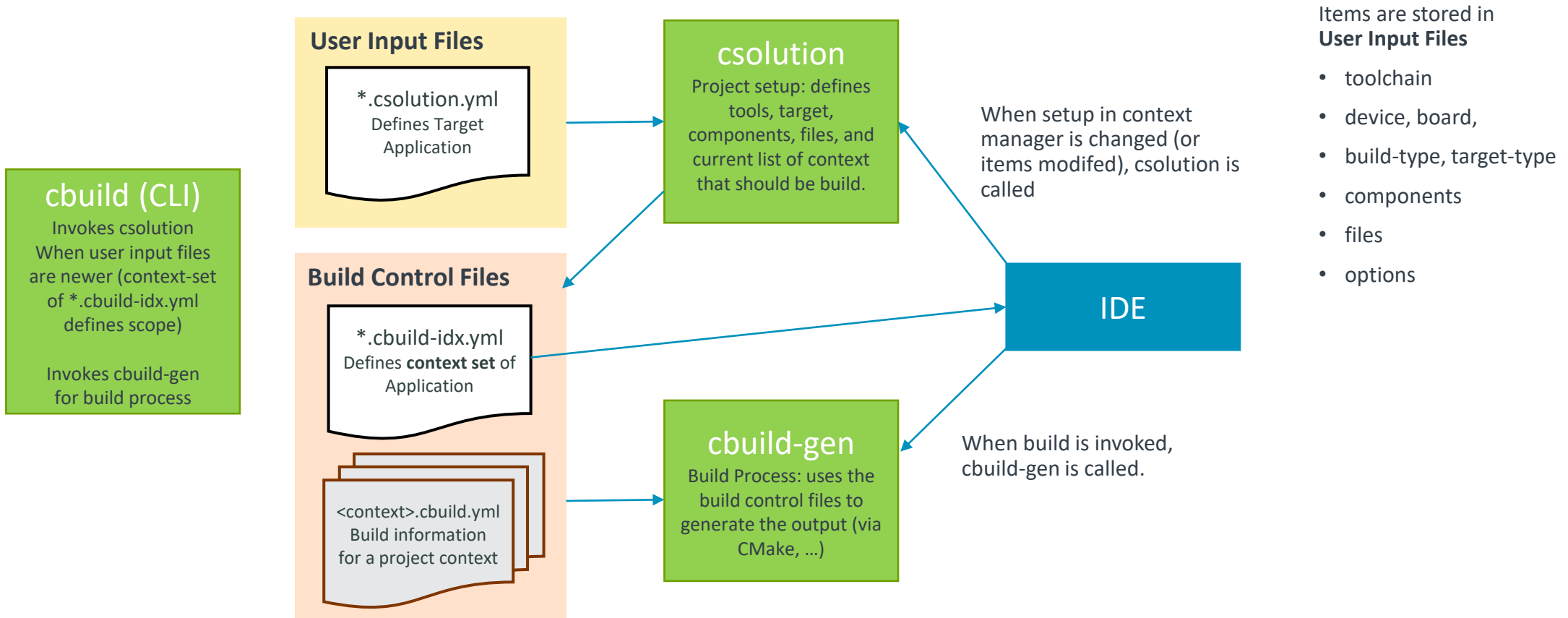
- Harmonize command-line options (breaking change) [#822](#)
- Introduce `context-set` [#896](#) (see also next slide)
- --context option should have more flexibility [#854](#) + [#823](#) + [#824](#)
- How to determine output binary file path [#778](#)
- Rework output: and output-type node [#895](#)
- cbuild directory control, output-dirs: [#830](#)
- Implement generator-dir: and \$GeneratorId\$ [#880](#)
- Implement proposal for Access Sequences [#894](#)
- Change define: - test=1 to - test: 1 [#843](#)
- Add cdefault.yaml to CMSIS-Toolbox ./etc directory [#841](#), [#893](#)
- Fix Linker Script Management issues [#901](#)
- Remove `fpu` and `endian` (from documentation) [#879](#)

Multi-Project Build Process: IDE and CLI

Introduce `context-set`: defines the selected context for application

csolution command-line defines context-set:

```
csolution convert HelloWorld.csolution.yml --context HelloWorld_cm0plus.Debug+FRDM-K32L3A6 --context HelloWorld_cm4.Release+FRDM-K32L3A6
```



Gaps to Close for CMSIS-Toolbox 2.0

What other gaps need to be closed ?

- What are requirements for RTE directory configuration? [#898](#)
- [csolution] remove build artifacts in ./out directory [#855](#)
- [csolution] Add command dedicated for solution configuration [#727](#)
- Lock-file process (ST?)

Wrap Up

Instances of meeting with focus on software pack's content topics

- Bi-weekly (every two weeks) pack content topics:
 - **16. May:** CI test process for validation of reference applications
- **No meeting planned for May 23rd 2023**
- Meeting with CMSIS-Toolbox focus on May 30th 2023

CMSIS-Toolbox:

- 1.7.0 blocking bug fixes targeted May 4th 2023
- 2.0.0-dev1 mid of May
- 2.0.0 release June 2023

Next Open-CMSIS-Pack meeting: 16th May 2023 @ 16:00 CET (15:00 UK)

- About: CI test process for validation of reference applications

Thank you

