

# Open-CMSIS-Pack

Technical Project Meeting 2021-07-20

This meeting is recorded !



# Agenda

- Welcome and review of the agenda
- Actions from last week
- “Include Paths” Estimation (David Jurajda)
  - [includepathestimator](#)
- CMSIS-Zone Methodology
- Common Workflow/Framework
  - Alignment vs. Differentiation
- Wrap Up

# Actions from last week

- Participants to share availability during vacation period (12 responded)

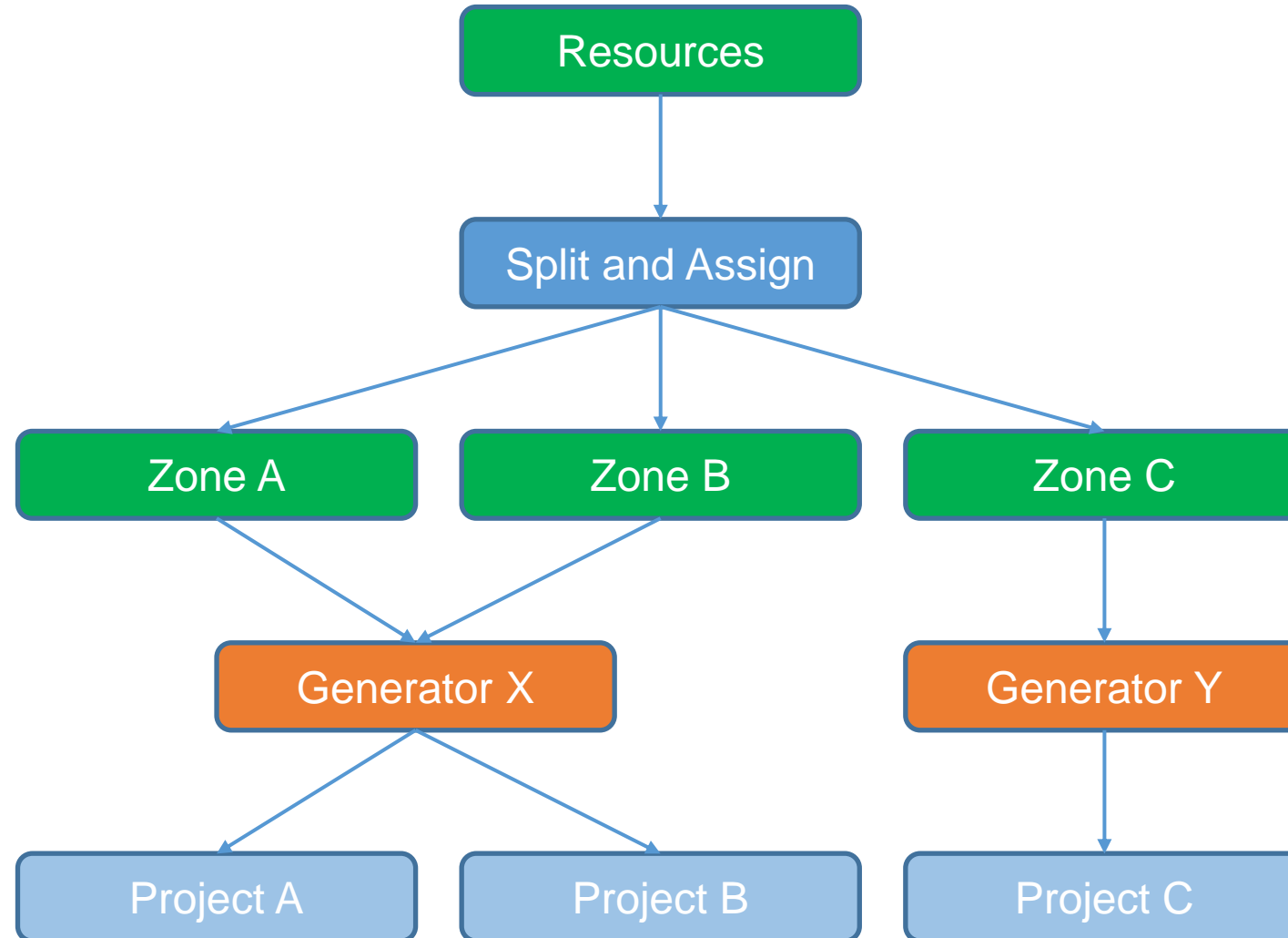
Week	Date	Participants
21wk29	20.07.	8
21wk30	27.07.	8
21wk31	03.08.	8
21wk32	10.08.	8
21wk33	17.08.	8
21wk34	24.08.	9
21wk35	31.08.	10

# “Include Paths” Estimation

- Context: Component Description Creation/Validation (David Jurajda)
  - [includepathestimator](#)

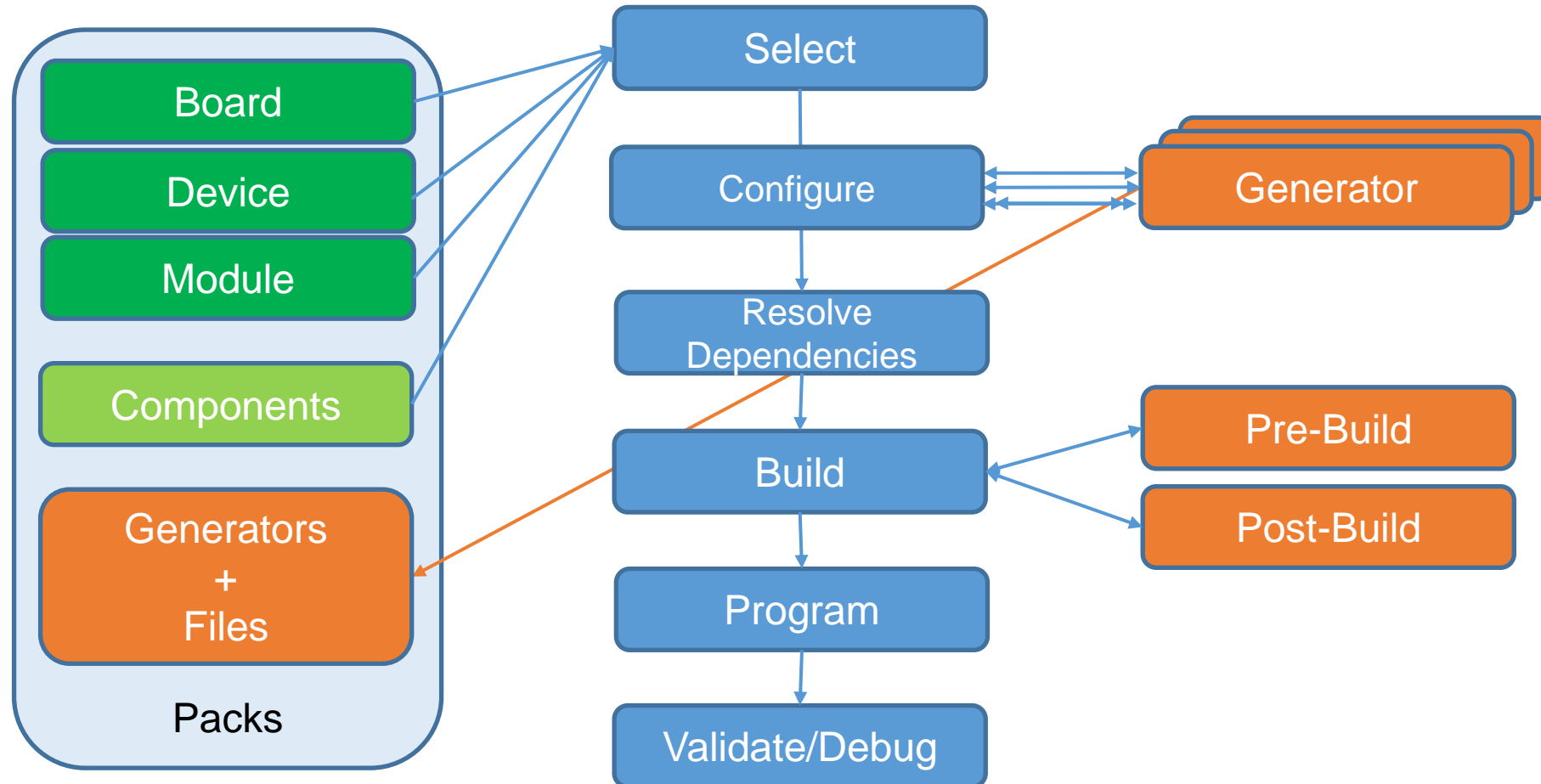
# CMSIS-Zone Methodology

- rzone
- select / configure
- azone
- files



# Common (Basic) Workflow

- Context: Standardization vs. Differentiation



# Common Project Framework

- Agree on common description of
  - Hardware (PDSC, SVD, rzone)
  - Configuration (add component configuration parameters)
  - Generators (define distribution, multi platform, vendor specific, ordering)
  - Projects (CPRJ, pre-/post build)
- Retargeting flows to update:
  - Hardware
  - Toolchain / Version
  - Component / Configuration / Version
- Programming (Flash and Options)
- Debugging (Debug Sequences, SVD, memory map)

# Wrap Up

## [Issue Overview](#)

Next week:

- CMSIS-Zone flow – example – dual Cortex-M33 TZ-enabled (4 zones)

August:

- [How to cover a "corner case": expressing dependencies on features #5](#)
  - When Maxime is back from vacation
- Protecting CMSIS-Pack from malicious tempering (TBD)
- Kick-off development for project creation and maintenance MVP [CMSIS-12](#)

Next Meeting: Tuesday July 27th 2021, 15:00 – 16:00 (UK)



Thank you

