



arm

TF-M openCI changes proposal

Job coverage

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Agenda

- Job overview
- Per-parch job current coverage
- Per-parch job proposal
- Nightly job proposal

Job overview

Per-Patch

- Trigger by each patch on Gerrit
- Build and test on the most common regression test and platforms, e.g., Musca B/AN521/AN519
- Quick response to developers, expect less than 20 min
- Cover the major features with minimal effort

Nightly

- Trigger by timer every day
- Cover more combinations that not build from per-patch job, e.g., Profile/PSA Arch test/Debug or Minsizerel
- Expect finish in 2.5 hours

Release

- Trigger manually with specified tag during the release stage
- All combinations that for release required
- May tweak to align the test plan of every release

Per-parch job current coverage

Build

- AN521/AN519/Musca B1
- ARMCLANG/GNU
- IPC Level 1/2/3
- Release build type
- TFM regression
- Dual core
- BL2/OTP
- Docs
- Static checks(no vote)

Run

- FVP AN521/AN519
- MPS2 AN521
- Musca B1

Per-patch job proposal

Coverage

- Remove all physical board testing
- Remove all the QEMU run
- Add Musca S1 combinations
- Enable the static checks
- More features covered
 - Add Debug/Minsizerel
 - Add profiles

Mechanism

- No docs copy
- Parallel jobs sharing the source folder *
- VM dockers create in advance *

*under discussion

Nightly job proposal

- Remove the deprecated platforms
- Add the LAVA test on Musca B1, including one OTP case

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Thank You

Danke

Merci

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Gracias

Kiitos

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