A quick overview and future plans
CI Overview

Core features

- CI scripts designed to operate as a data flow.
- Jenkins unified pipeline, separates code and configuration.
- No information is discarded, every test is fully reproducible.
Roadmap

Deployed features

- Building multiple configurations AN521, AN519, MUSCA_A1, MUCSA_B
- Testing on real hardware using the mainline golden configuration on MPS2 dev boards
- Building documentation (Sphynx and Doxygen)
- Different scope testing (per patch & nightly)
- Version control for dependencies
- Comprehensive report, captured in a key:value data structure, as well as extensive per build/test logs

Planned features

- Model testing
- User requested testing
- CI contribution process/staging instance
- Extended platform support for real hardware testing
- More configurations/compilers
- Better coverage by static analysis tools
- Dashboard, capture and display of metrics about the build
Discussion

Partner feedback is important

• Contribution strategies
• Script re-usability
• Offline testing
• Creation of job variants
• Scaling concerns
Thank You
Danke
Merci
谢谢
ありがとうございます
Gracias
Kiitos
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