Contribution ID: **319** Type: **not specified**

kernelCI: testing a broad variety of hardware

Tuesday, 10 September 2019 10:00 (35 minutes)

kernelCI: testing a broad variety of hardware

The Linux kernel runs on an extremely wide range of hardware, but with the rapid pace of kernel development, it's difficult to ensure the full range of supported hardware is adequately tested.

The kernelCI project is a small, but growing project, focused on testing the core kernel on diverse set of architectures, boards and compilers using distributed labs to test hardware anywhere on the planet.

The goal of this presentation is to give a very brief overview of the project, and discuss the near-term future goals and plans.

Recently added:
- support for clang-build kernels
- more arches: ARC, RISC-V, MIPS

The future:
- official Linux Foundation project launching
- more tests: subsystem-focused test suites
- more labs with more hardware
- scaling of infrastructure
- better reporting

I agree to abide by the anti-harassment policy

Yes

Primary authors: HILMAN, Kevin (BayLibre); TUCKER, Guillaume (Collabora Limited)

Presenters: HILMAN, Kevin (BayLibre); TUCKER, Guillaume (Collabora Limited)

Session Classification: Testing and Fuzzing MC