

Linux Plumbers Conference 2025



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One year into the new KernelCI

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Coming up with a complex architecture to enable the Linux kernel test/CI ecosystem is no easy task. Last year, KernelCI launched its new system. Now, one year later, we want to deliver a progress report tailored for the Linux Plumbers audience.

We want to share our progress in how we are delivering results and value to our users, and what is coming up next. There has been notable progress in improving the quality and stability of the tests, as well as the intelligence behind them, allowing us to automatically triage some regressions.

In this talk, we will detail how kernel developers, test maintainers, and organizations can get involved with KernelCI —be it by setting up tests and following results, or by connecting their own test systems to it.

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