

KernelCI: A Growing Ecosystem

Wednesday, 26 August 2020 09:45 (15 minutes)

The KernelCI project has been increasingly in the spotlight since it joined the Linux Foundation in October 2019. In addition to having a strong set of founding members, it has also started growing a healthy ecosystem. While still relatively small in size compared to the object under test that is the Linux kernel, as a relatively young project it is showing some very positive signs. Its roots are getting stronger, and it looks like it will keep bearing more fruit every year.

Extending its scope to collate kernel test results from other systems such as 0-Day and Syzbot, getting a bigger compute capacity thanks to cloud resources donated by Microsoft and Google, ramping up functional testing capabilities across the board, supporting KUnit developers to integrate it in the KernelCI framework and getting more and more diverse contributors are all strong examples.

By continuing this trend, KernelCI will also keep increasing its impact on the Linux kernel code quality and development workflows. Ultimately, it will need to be owned by the kernel community in order to truly succeed. Now is the time to engage more with maintainers, developers and many others to make it all happen in a collective effort.

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Session Classification: Testing and Fuzzing MC

Track Classification: Testing and Fuzzing MC