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Testing in-kernel Rust code

Wednesday 22 September 2021 10:05 (30 minutes)

The Rust for Linux project is adding support for the Rust language to the Linux kernel. A key part of such an effort is how to approach testing for code written in the new language.

It covers:

- A quick overview of testing in Rust: how testing usually looks like in Rust (unit tests, integration tests & documentation tests), what is provided by the language, standard library and tooling, etc.
- The current in-kernel testing support.
- Testing in the host vs. in the kernel vs. from userspace.
- What we are planning for the future and related work.

I agree to abide by the anti-harassment policy

I agree

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Session Classification: Testing and Fuzzing MC

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