

Continuous Integration for mainline Real-Time Linux

Monday 24 August 2020 09:00 (25 minutes)

Soon, the Real-Time Linux project will have its PREEMPT_RT patches in mainline Linux. One part of the Real-Time Linux collaboration project is its continuous integration system CI-RT (<https://github.com/ci-rt>) with one known lab running (<https://ci-rt.linutronix.de>).

In this talk, a possible way how to run the existing CI-RT tests on mainline Linux will be presented. Additionally, possible real-time test introduction for other, wider-spread test frameworks like Kernel CI will be discussed so that real-time regressions can be found as soon as possible and the awareness of Linux's real-time capabilities and their implications for development is raised amongst kernel hackers. Also, this aims at testing with a larger hardware variety in other labs.

The audience is invited to participate in a moderated discussion on the talk's topic and is encouraged to bring up any additional ideas on it.

I agree to abide by the anti-harassment policy

I agree

Primary author: Mr GERMANN, Bastian

Presenter: Mr GERMANN, Bastian

Session Classification: Real-time MC

Track Classification: Real-time MC