



Contribution ID: 251

Type: **not specified**

Make RCU do less (and disturb CPUs less)!

Tuesday, 13 September 2022 11:15 (35 minutes)

CPUs can be disturbed quite easily by RCU. This can hurt power especially on battery-powered systems, where RCU can be a major consumer of power. Different strategies can be tried to mitigate power which we will show along with power data. Also I have been working on some patches to further reduce RCU activity in frequently-called paths like file close. This presentation is to discuss some test results mostly on the power consumption side on battery-powered Android and ChromeOS systems and the new work mentioned to delay RCU processing

I agree to abide by the anti-harassment policy

Yes

Primary authors: FERNANDES, Joel; Mr KADAM, Rushikesh; REZKI, Uladzislau

Presenters: FERNANDES, Joel; Mr KADAM, Rushikesh; REZKI, Uladzislau

Session Classification: CPU Isolation MC

Track Classification: LPC Microconference: CPU Isolation MC