Contribution ID: **216**   Type: **not specified**

fw_devlink and parallelization updates

Tuesday, 13 September 2022 16:00 (15 minutes)

fw_devlink parses the firmware (device tree) to figure out device dependencies and uses that to enforce probe ordering and suspend/resume ordering between consumer and supplier devices. It is also used to implement sync_state() callbacks that let a supplier know when all its consumers have probed.

In this presentation, we'll talk about how some of the issues that were discussed in LPC 2021 [1] have been resolved and any new issues that have come up. In addition, we'll discuss how we could use fw_devlink to enabled parallelized boot and suspend/resume by default for DT based systems.

[1] https://lpc.events/event/11/contributions/1053/

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Yes

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Session Classification: Android MC

Track Classification: LPC Microconference: Android MC