



Contribution ID: 277

Type: **not specified**

Challenges in Device Tree Sync - kernel, Zephyr, U-boot, System DT

Wednesday, 15 November 2023 17:05 (35 minutes)

The description of hardware through Device Tree, which includes Firmware in some instances, has become an increasingly common practice in many software ecosystems. However, despite various efforts, the device tree description of hardware has yet to be standardized across different software ecosystems, creating challenges for users, automated tools, and ecosystems.

The objective of this session is to:

- a) Share experiences of device tree challenges seen with U-Boot, Zephyr, and kernel in the recent attempts for support of Texas Instrument's AM625, TDA4VM platforms
- b) Rationale and challenges created by the diverse approaches
- c) Propose a hybrid approach toward the Zephyr device tree support for TI platforms

Primary author: MENON, Nishanth (Texas Instruments, Inc)

Presenter: MENON, Nishanth (Texas Instruments, Inc)

Session Classification: Internet of Thing5 MC

Track Classification: LPC Microconference: Internet of Things MC