

Linux Plumbers Conference 2024



Contribution ID: 72

Type: **not specified**

libcxlmi: CXL Management Interface library

Thursday, 19 September 2024 12:45 (20 minutes)

This talk will present 'libcxlmi', a CXL Management Interface utility library. It provides type definitions for CXL specification structures, enumerations and helper functions to construct, send and decode CCI commands and payloads over both in-band (Linux) and out-of-band (OoB) link, typically MCTP-based CCIs over I2C or VDM.

The objective of this presentation is both to cover the design and implementation of the library, as well as opening the floor for discussion about how people want to make best use of it as well as general requirements.

The intended audience are developers (OEMs) interested in building CXL based solutions, such as BMCs and firmware, to communicate with various components.

Primary author: BUESO, Davidlohr (Samsung Semiconductor)

Presenter: BUESO, Davidlohr (Samsung Semiconductor)

Session Classification: Compute Express Link MC

Track Classification: Compute Express Link MC