## **Linux Plumbers Conference 2025**



Contribution ID: 117 Type: not specified

## To online or not to online CXL memory

There have been discussions around auto-onlining of CXL memory (https://lore.kernel.org/linux-mm/aIcxs2nk3RNWWbD6@localhost.localdomain/) but we haven't really made progress there.

Problem was that we can try to fixup / modfiy / tweak the algorithm for auto-onlining CXL memory, or we could go in the other direction and not online CXL memory (or any memory in ZONE\_MOVABLE) but delegate it to userspace (udev or what have you).

Similarly the current tool 'daxctl' will try to online CXL memory internally, conflicting with udev rules trying to do the same thing.

Idea is to have a discussion which direction to take here.

**Primary author:** REINECKE, Hannes (SUSE Labs)

Presenter: REINECKE, Hannes (SUSE Labs)

Session Classification: Device and Specific Purpose Memory MC

**Track Classification:** Device and Specific Purpose Memory MC