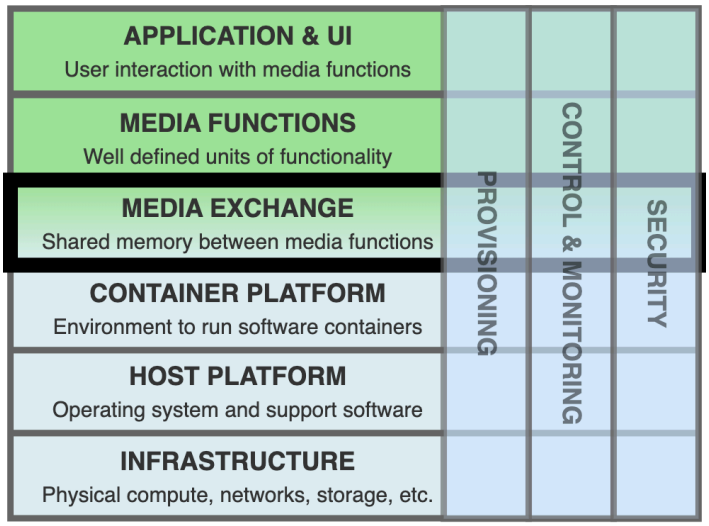
The Media eXchange Layer

A crucial component in a Dynamic Media Facility

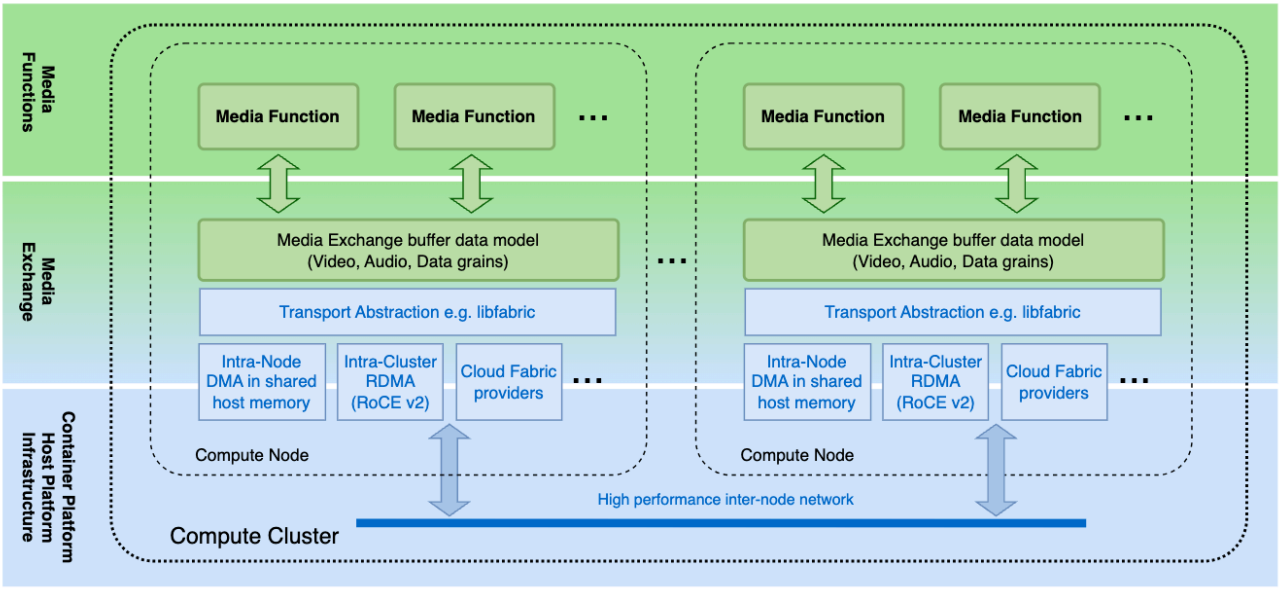


The Dynamic Media Facility (DMF) is enabling a **software-first**, cloud-fit architecture for **live** media production.

DMF includes a layer that handles the **exchange** of media content between **containerised** Media Functions of **different** developers.

The Media eXchange Layer (MXL) Software Development Kit (SDK) accelerates **adoption** and simplifies **interoperability** on that layer.

Leveraging existing IT technologies

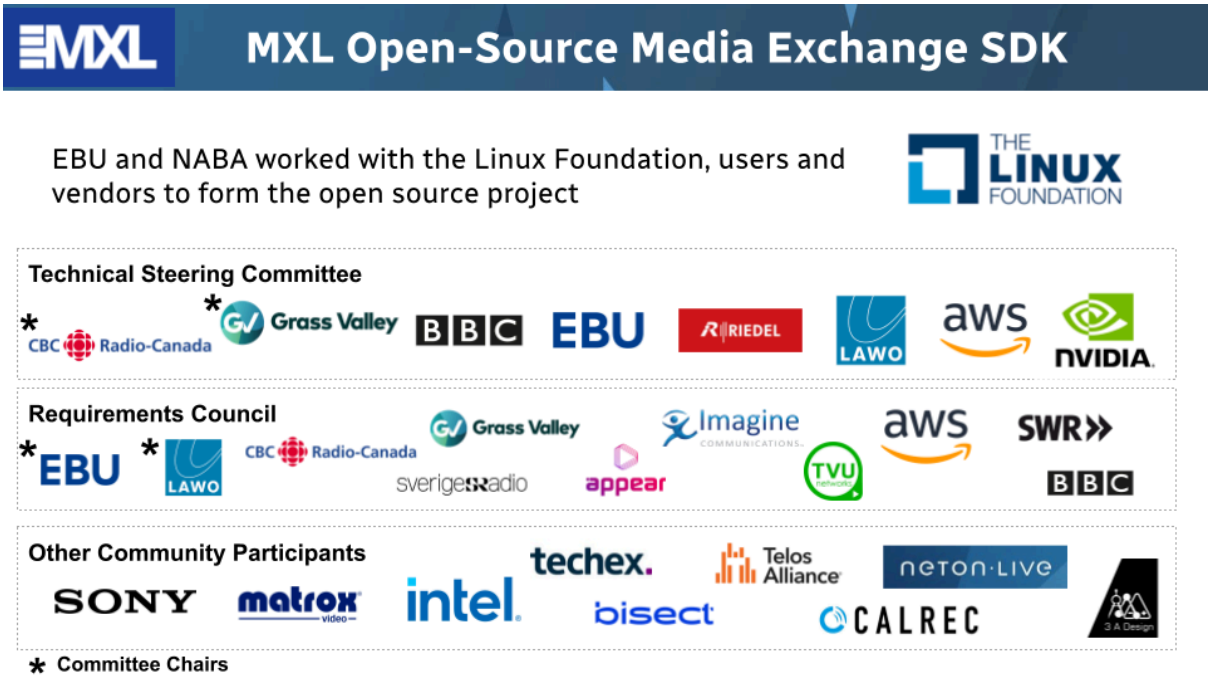


Using **compute-optimised** shared memory and Remote Direct Memory Access (RDMA) in place of synchronous network streaming technologies

Simple, Asynchronous, format agnostic

Efficient, low-latency, up to full-quality media

By a dynamic and growing community



Under the Umbrella of The Linux Foundation

With many partners from the media and IT industry. Logos represent organizations currently active in the MXL open-source project.

Join us and contribute! https://tech.ebu.ch/dmf/mxl

Rapid progress and momentum with practical results

The idea was discussed during IBC 2024 and followed by industry alignment events, with a Tiger Team who developed the bootstrapping code.

The open-source project was **launched in June 2025**.

Pre-release version for experimentation is available now.

Production ready v1.0 is on the right track, stay tuned.

Project repository https://github.com/dmf-mxl/mxl

FAQ https://github.com/dmf-mxl/mxl/wiki/Frequently-Asked-Questions