

# Linux Plumbers Conference 2024



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## Efficient memory allocation between different subsystems

*Thursday 19 September 2024 15:30 (30 minutes)*

Allocating shared buffers between disparate hardware devices remains a significant challenge in modern systems. The diverse constraints of each device make it difficult to find allocation strategies that are both efficient and universally compatible. Current solutions often rely on ad-hoc workarounds and duct-tape.

This session aims to foster discussion on best practices for efficient memory allocation. We will explore the key challenges, potential approaches, and the need for more standardized, robust solutions.

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