Contribution ID: **66** Type: **not specified**

From Fragmentation to Integration: Enhancing sched_ext BPF Scheduler Interoperability with Linux

In this talk, we will explore the challenges and opportunities in improving the interoperability of sched_ext BPF schedulers with various Linux and in particular existing scheduler code as well as other subsystems. While sched_ext BPF schedulers offer powerful and flexible scheduling capabilities, their integration with other kernel components can often be fragmented and complex. This talk will cover existing methods for interacting with the kernel such as kfuncs and provide some practical examples of how schedulers and the Kernel can be extended for better interoperability.

Primary author: HODGES, Daniel (Meta)

Presenter: HODGES, Daniel (Meta)

Session Classification: sched_ext: The BPF extensible scheduler class MC

Track Classification: sched_ext: The BPF extensible scheduler class MC