



Contribution ID: 186

Type: **not specified**

Unblocking the softirq lock for PREEMPT_RT

Wednesday, 15 November 2023 11:30 (30 minutes)

Disabling bottom halves is essentially a per-CPU Big Kernel Lock. While some data structures have explicit locking - other rely on disabling BH. Depending on the load, networking has to wait until timer callbacks have finished. Even if preempted by a task with higher priority, it can not send a packet until all receiving is done.

This talk intends to discuss with the networking community, which is the major softirq user, what can be done to avoid this big lock.

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Session Classification: eBPF & Networking

Track Classification: eBPF & Networking Track