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## eBPF Kernel Scheduling with Ghost

*Monday 12 September 2022 11:00 (30 minutes)*

Ghost is a kernel scheduling class that allows userspace and eBPF programs, called the “agent”, to control the scheduler.

Following up on last year’s LPC talk, I’ll cover:

- How BPF works in Ghost
- An agent that runs completely in BPF: no userspace scheduling required!
- Implementation details of “Biff”: a bpf-hello-world example scheduler.
- Future work, including CFS-in-BPF, as well as a request for new MAP\_TYPES!

### **I agree to abide by the anti-harassment policy**

Yes

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