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bpftrace: current status and future developments

Friday 20 September 2024 17:00 (45 minutes)

bpftrace is a hugely popular dynamic tracing technology for the Linux platform (https://github.com/bpftrace/bpftrace) leveraging eBPF. Its simple yet powerful scripting language, BpfScript, provides the ability to gain a new and fresh understanding of the entire software stack, from high level application APIs to the bowels of the kernel. Analyzing production performance problems and troubleshooting complex software stacks has never been easier.

Key contributors from the bpftrace engineering community will discuss the current and future direction of the technology. They will demonstrate how to use bpftrace to analyse different aspects of a system's behaviour. They also enjoy a challenge so bring your questions, issues, and ideas to see how bpftrace can be used to solve them!

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