eBPF support in the GNU Toolchain

Tuesday, 10 September 2019 13:00 (30 minutes)

This proposal covers the ongoing effort about adding eBPF support to the GNU Toolchain.

Binutils support is already upstream [1]. This includes a CGEN cpu description, assembler, disassembler and linker. A GCC backend will be submitted for inclusion upstream before September.

Both the binutils and GCC ports will be briefly described, and then a list of points will be discussed with the kernel community, and also with the llvm people present.

The main goals of the sessions are:
1) to ensure the port is useful to the eBPF community and
2) to agree on ABI (with the kernel) and interoperability (with llvm.)


I agree to abide by the anti-harassment policy

Yes

I confirm that I am already registered for LPC 2019

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