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## eBPF support in the GNU Toolchain

*Tuesday, September 10, 2019 1:00 PM (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.)

[1] <https://sourceware.org/ml/binutils/2019-05/msg00306.html>

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

Yes

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**Session Classification:** Toolchains MC