Name

bpftool-perf − tool for inspection of perf related bpf prog attachments

SYNOPSIS

bpftool [*OPTIONS*] **perf** *COMMAND*

OPTIONS := { { **−j** | **−−json** } [{ **−p** | **−−pretty** }] | { **−d** | **−−debug** } }

COMMANDS := { **show** | **list** | **help** }

PERF COMMANDS

bpftool perf { **show** | **list** }
bpftool perf help

DESCRIPTION

bpftool perf { show | list }
List all raw_tracepoint, tracepoint, kprobe attachment in the system.

Output will start with process id and file descriptor in that process, followed by bpf program id, attachment information, and attachment point. The attachment point for raw_tracepoint/tracepoint is the trace probe name. The attachment point for k[ret]probe is either symbol name and offset, or a kernel virtual address. The attachment point for u[ret]probe is the file name and the file offset.

bpftool perf help
Print short help message.

OPTIONS

−h, **−−help**
Print short help message (similar to **bpftool help**).

−V, **−−version**
Print bpftool's version number (similar to **bpftool version**), the number of the libbpf version in use, and optional features that were included when bpftool was compiled. Optional features include linking against LLVM or libbfd to provide the disassembler for JIT−ted programs (**bpftool prog dump jited**) and usage of BPF skeletons (some features like **bpftool prog profile** or showing pids associated to BPF objects may rely on it).

−j, **−−json**
Generate JSON output. For commands that cannot produce JSON, this option has no effect.

−p, **−−pretty**
Generate human−readable JSON output. Implies **−j**.

−d, **−−debug**
Print all logs available, even debug−level information. This includes logs from libbpf as well as from the verifier, when attempting to load programs.

EXAMPLES

 # bpftool perf

```
pid 21711  fd 5: prog_id 5  kprobe  func __x64_sys_write  offset 0
pid 21765  fd 5: prog_id 7  kretprobe  func __x64_sys_nanosleep  offset 0
pid 21767  fd 5: prog_id 8  tracepoint  sys_enter_nanosleep
pid 21800  fd 5: prog_id 9  uprobe  filename /home/yhs/a.out  offset 1159
```

 # bpftool −j perf

```
[{"pid":21711,"fd":5,"prog_id":5,"fd_type":"kprobe","func":"__x64_sys_write","off
 {"pid":21765,"fd":5,"prog_id":7,"fd_type":"kretprobe","func":"__x64_sys_nanoslee
 {"pid":21767,"fd":5,"prog_id":8,"fd_type":"tracepoint","tracepoint":"sys_enter_n
 {"pid":21800,"fd":5,"prog_id":9,"fd_type":"uprobe","filename":"/home/yhs/a.out",
```

SEE ALSO

bpf(2), **bpf-helpers**(7), **bpftool**(8), **bpftool-btf**(8), **bpftool-cgroup**(8), **bpftool-feature**(8), **bpftool-gen**(8), **bpftool-iter**(8), **bpftool-link**(8), **bpftool-map**(8), **bpftool-net**(8), **bpftool-prog**(8), **bpftool-struct_ops**(8), **bpftool-token**(8)