

Linux Plumbers Conference 2024



Contribution ID: 289

Type: **not specified**

Utilizing type info in the perf tools

Friday, 20 September 2024 10:23 (22 minutes)

Recently perf tools added data type profiling which can find type information in the sample data using debug information (DWARF). It added the basic usage in the perf report and annotate with new sort keys. But it can be extended by more targeted commands like perf mem and perf c2c. We can discuss what it will be looked like and if there are other cases where the type info can be used.

Also using BTF instead of DWARF would be useful even if it has limited information. How to utilize the existing BTF or to extend it to be more useful would be a good discussion point as well.

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Session Classification: Tracing / Perf events MC

Track Classification: Tracing / Perf events MC