

DTrace on Linux

Thursday 27 August 2020 09:00 (45 minutes)

DTrace on Linux has existed for many years now, but it depended on rather invasive kernel modifications. With the emergence of tracing facilities in the Linux kernel, such as BPF, perf, tracepoints, ... a re-implementation of the well-known DTrace tool (and D language) is possible without extensive kernel modifications.

The re-implementation of DTrace has been ongoing and has made significant progress in the past 12 months. The BoF session will give a brief overview of the work that has been done, with highlights of the techniques used. The bulk of the session is aimed at discussing the work that remains to be done and to brainstorm ways to do it.

References: <https://github.com/oracle/dtrace-utils/tree/2.0-branch-dev>

Wiki: <https://github.com/oracle/dtrace-utils/wiki>

Mailing list: <https://oss.oracle.com/mailman/listinfo/dtrace-devel>

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