

OTF 2

Open Trace Format Version 2

A Scalable and Interoperable Event Trace Data Format for Parallel Performance Analysis

The Open Trace Format 2 – successor of the established Open Trace Format – is a highly scalable, memory efficient event trace data format plus support library. It will become the new standard trace format for Scalasca, Vampir, and TAU and is open for other tools.

OTF2 is a tightly integrated part of the new Score-P infrastructure (see back-side). Both will be available as Open Source under a BSD license. OTF2 preserves the essential features as well as most record types of OTF and introduces new features such as support for multiple read/write substrates, in-place time stamp manipulation, and on-the-fly token translation. In particular, it will avoid copying during unification of parallel event streams.

For backward compatibility, OTF2 will provide reading support for the Epilog format (the former Scalasca default) and OTF (the former VampirTrace default).

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BMBF/Germany and DOE/USA



The Score-P Community Project

An Interoperable Infrastructure for
HPC Performance Analysis Tools

BoF 142

Thu Nov 17th

12:15 - 13:15

Room: WSCC 2A/2B

Partners

- Technische Universität Dresden
- Forschungszentrum Jülich GmbH
- RWTH Aachen University
- Technische Universität München
- German Research School for Simulation Sciences GmbH, Aachen
- University of Oregon
- GNS GmbH Braunschweig (Industry)
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Public release at SC11, see <http://www.score-p.org>