VAMPIR NEWS

release: Nov 2014

Latest developments of Vampir and Score-P

Vampir 8

Vampir

Vampir 8.4 introduces new performance charts, customizable performance metrics, and extended data filtering and preselection capabilities. Selected highlights include:

- New *Summary Timeline* – an intuitive and scalable overview of all concurrent activities
- Extended folding capabilties in the *Master Timeline* and *Communication Matrix View* to generate summary information
- New performance metrics, e.g., function invocation rates over time
- Performance metrics now support log scales
- Enhanced event subset loading and event filtering for a better analysis focus
- Presentation mode for training activities
- Support for traces generated by Score-P 1.3

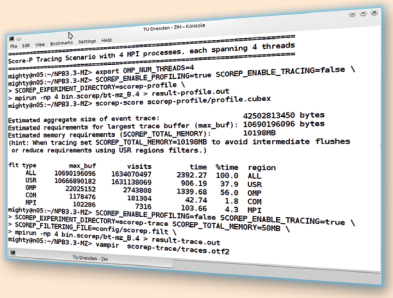
http://www.vampir.eu

Score-P

Score-P

Score-P is the primary code instrumentation and run-time measurement framework for Vampir 8, and also works natively with Scalasca, TAU, and Periscope. The latest version 1.3 provides numerous improvements and new features. Selected highlights include:

- Instrumentation and monitoring of parallel applications using Pthreads and SHMEM
- Fine-grained information about the system topology on Cray machines using the Process Manager Interface (PMI)
- Dependency tracking between CUDA host and device activities
- Platform support for the K computer and Fujitsu FX10 systems
- Support for CUDA 5 and CUDA 6



http://www.score-p.org

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