CUPTI

User's Guide

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Overview

The *CUDA Profiling Tools Interface* (CUPTI) enables the creation of profiling and tracing tools that target CUDA applications.

CUPTI provides the following APIs:

- the Activity API,
- the Callback API,
- the Event API,
- the Metric API, and
- the Profiler API.

Using these APIs, you can develop profiling tools that give insight into the CPU and GPU behavior of CUDA applications.

CUPTI is delivered as a dynamic library on all platforms supported by CUDA.

See CUPTI documentation.