CUPTI

User's Guide
Table of Contents

Overview............................................................................................................................... iii
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.