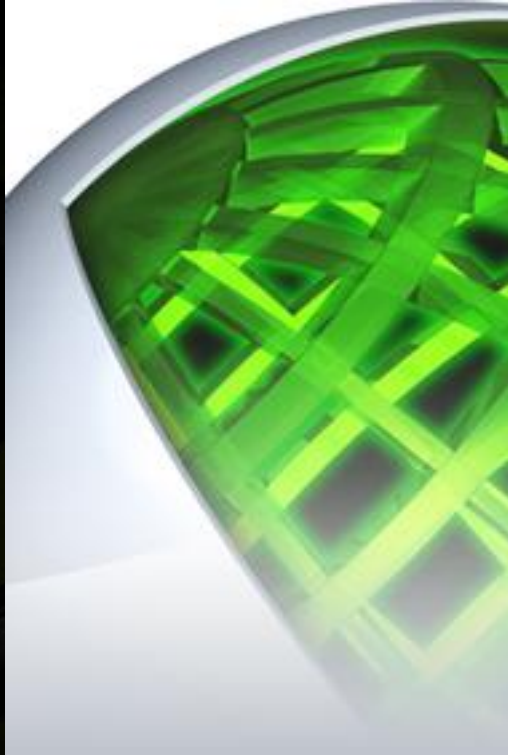


Nsight Eclipse Edition IDE For CUDA Development

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NVIDIA® Nsight™ Eclipse Edition



- **Integrated Development Environment**
 - **Edit**
 - **Build**
 - **Debug**
 - **Profile**

Availability

- **New in CUDA Toolkit 5.0**
 - All supported Linux distributions
 - All supported Mac OSX versions
- **Nsight Visual Studio Edition**
 - Windows 7, Windows Vista SP3, or Windows HPC Server 2008
 - Provides similar functionality

Edit

- **CUDA-aware syntax highlighting**
- **Host / Device code highlighting**
- **Smart CUDA code assist**
- **CUDA API documentation pop-ups**

Build

- **Full CUDA toolchain support**
 - **All nvcc features**
- **Source-correlated error reporting**
- **Dependent project support**
 - **Static libraries**
 - **Shared libraries**

Debug

- **Unified CPU and GPU debugging**
- **Full GPU debugging, source and assembly**
 - **Set kernel breakpoints**
 - **View variables, registers, and expression values across multiple GPU threads at the same time**
 - **Examine thread, warp, block state**

Profile

- **Unified CPU and GPU profiling**
 - **CPU/GPU interactions**
 - **GPU utilization and efficiency**
- **Automated application analysis identifies optimization opportunities**



Demo

Get Started

- **Download** free CUDA Toolkit: www.nvidia.com/getcuda
- **Join** the community: developer.nvidia.com/join