



Free Seminar on Intel® Software Development Products

Seminar Overview:

Multi-Core processors ***change the rules*** about getting performance from your software. Until recently, you could expect faster software as processor clock rates increased. Now performance will primarily come from multi-core processors. Intel is hosting a **FREE** seminar on using Intel® Software Development Products to maximize performance on the new multi-core processors.

Date	Time	Where	Contact to Register
Tuesday Dec 4, 2007	8:30 am to 3 pm	Intel Inc. One Cambridge Center, Floor 11 Cambridge, MA 02142	Greg Anderson greg.anderson@intel.com 503-712-7093 or
Thursday Dec 6, 2007	8:30 am to 3 pm	Sun Microsystems, Inc. 400 Atrium Drive Somerset, New Jersey 08873 USA	Frank Terlecki frank.terlecki@intel.com 781-826-2697

Sessions:

The seminar will introduce the capabilities within Intel® Software Development Products that help maximize application performance on multi-core systems. Topics will include:

- Utilize built-in optimization capabilities in the **Intel C++ and Fortran compilers** including auto-parallelization and OpenMP* support to achieve improved multi-core application performance.
- Find obscure threading errors and optimize 32 and 64 bit threaded applications using **Intel® Thread Checker** and **Intel® Thread Profiler**.
- Use **Intel® VTune™ Performance Analyzer** to tune multi-core resource sharing and identify application bottlenecks.
- Take advantage of tuned and tested C++ routines to simplify porting common serial data structures and algorithms to efficient parallel code with the **Intel® Threading Building Blocks** library.
- Maximize application performance and reduce development time with highly optimized, thread-safe functions with **Intel® Performance Libraries**.
- Quickly find MPI communication performance bottlenecks with **Intel® Trace Analyzer and Collector**. Simplify the deployment on multiple cluster fabrics easily with **Intel® MPI Library**.

Learn more about the tools by the visiting Intel® Software Development Products website at www.intel.com/software/products

*Other brands and names are the property of their respective owners