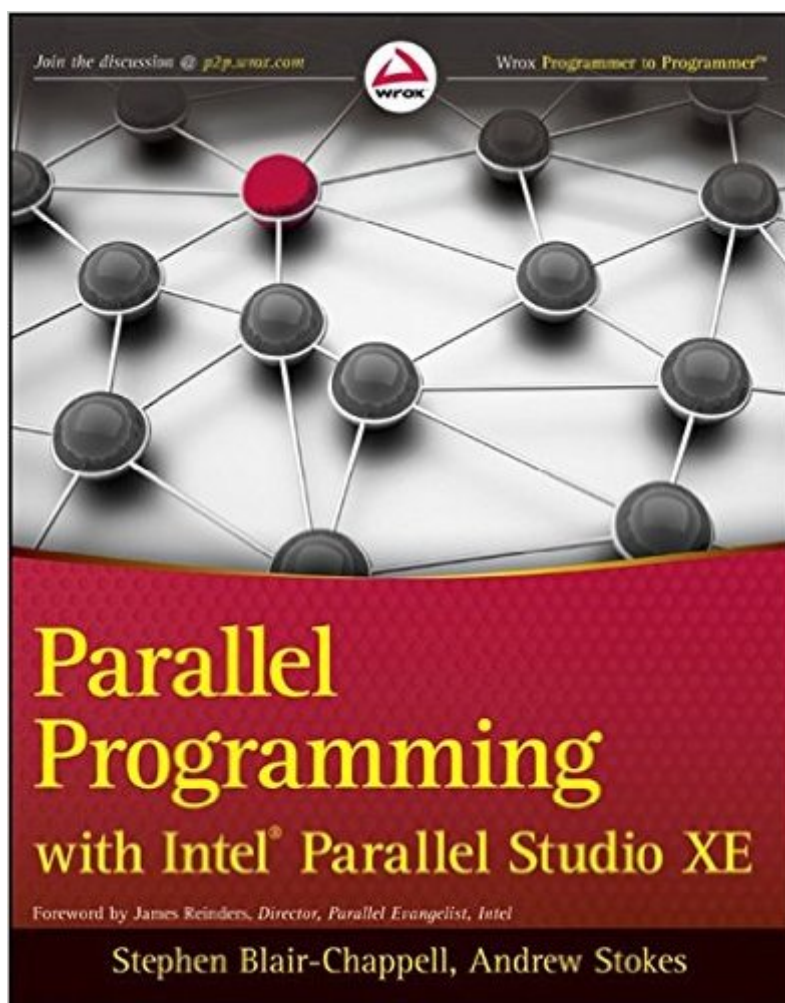# The book was found

Parallel Programming With Intel Parallel Studio XE

Synopsis

Optimize code for multi-core processors with Intel's Parallel Studio Parallel programming is rapidly becoming a "must-know" skill for developers. Yet, where to start? This teach-yourself tutorial is an ideal starting point for developers who already know Windows C and C++ and are eager to add parallelism to their code. With a focus on applying tools, techniques, and language extensions to implement parallelism, this essential resource teaches you how to write programs for multicore and leverage the power of multicore in your programs. Sharing hands-on case studies and real-world examples, the authors examine the challenges of each project and show you how to overcome them. Explores conversion of serial code to parallel Focuses on implementing Intel Parallel Studio Highlights the benefits of using parallel code Addresses error and performance optimization of code Includes real-world scenarios that illustrate the techniques of advanced parallel programming situations Parallel Programming with Intel Parallel Studio dispels any concerns of difficulty and gets you started creating faster code with Intel Parallel Studio.

Book Information

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Average Customer Review: 3.8 out of 5 starsÂ Â See all reviewsÂ (4 customer reviews)

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Customer Reviews

The four stars are because this is a great book on the Intel Parallel Studio and how to utilize the tools in your workflow.As a book to learn Parallel Programming; it is lacking. Considering the target audience is experienced programmers, I expected better coverage of both design and implementation considerations related to parallel programming. Everything is addressed from an application and algorithm level and completely ignores any coverage of system issues. (IPC and Shared Memory are only covered at a superficial level).So if you are going to use this as a tutorial

on parallel programming alone, it is seriously lacking. You will not understand enough to know you have serious gaps in your learning. That is probably my biggest issue.As a book on the Intel Parallel Studio, this book is well worth the price. This has some great labs and walks you through the tools and various parallel technologies provided with the Intel suite. The Intel documentation is hard to navigate and this book is a great jumping off point. The author's provide code to test in the tools with bugs so you will understand the how and the why.This is the first printing, so there are alot of editing issues.

Well, I am using the free version of IPS in Ubuntu Linux. I found some examples that use windows.h and mm????.h which are libraries that apply only to Windows. I wish the author could make available versions of these examples that do not use those windows libraries so they could easlily run in Linux.

That's basically it - the book is geared towards a Windows user and tries very hard to make sure the GUI is properly explained. The command line is not given as good a treatment. The book serves as a reasonably good introduction, but is just not in-depth enough to be exceptionally useful.

Intel Studio with a practical manner with enough detail.Great explanation of vectorization and parallelism and good code samples to compare OpenMP, Intel Cilk and Intel TBB.Very useful!

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