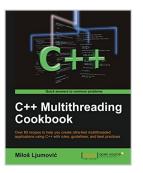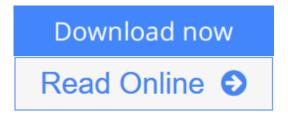# C++ Multithreading Cookbook

By Milos Ljumovic

C++ Multithreading Cookbook By Milos Ljumovic

Over 60 recipes to help you create ultra-fast multithreaded applications using C++ with rules, guidelines, and best practices

About This Book

- Create multithreaded applications using the power of C++
- Upgrade your applications with parallel execution in easy-to-understand steps
- Stay up to date with new Windows 8 concurrent tasks
- Avoid classical synchronization problems
- Understand Windows API and concurrent execution

Who This Book Is For

The book is intended for enterprise developers and programmers who wish to make use of C++ capabilities to learn the multithreaded approach. Knowledge of multithreading along with experience in C++ is an added advantage. However it is not a prerequisite.

What You Will Learn

- Use an object-oriented programming model with inheritance, overloading, and polymorphism
- Solve common Interprocess Communication problems and avoid deadlocks or starvation problems in your application development
- Manage threads efficiently using the CThread class
- Explore .NET CLI/C++ features as well as synchronization objects and techniques
- Make use of parallel techniques in code design
- Use machine resources in concurrent execution
- Enable programs to work with each other using Message Passing
- Avoid classic synchronization problems

In Detail

Creating multithreaded applications is a present-day approach towards

programming. With the power of C++, you can easily create various types of applications and perform parallelism and optimizations in your existing work. This book is a practical, powerful, and easy-to-understand guide to C++ multithreading. You will learn how to benefit from the multithreaded approach and enhance your development skills to build better applications. This book will not only help you avoid problems when creating parallel code, but also help you to understand synchronization techniques. The end goal of the book will be to impart various multithreading concepts that will enable you to do parallel computing and concurrent programming quickly and efficiently.

C++ Multithreading Cookbook

By Milos Ljumovic

C++ **Multithreading Cookbook** By Milos Ljumovic

Over 60 recipes to help you create ultra-fast multithreaded applications using C++ with rules, guidelines, and best practices

About This Book

- Create multithreaded applications using the power of C++
- Upgrade your applications with parallel execution in easy-to-understand steps
- Stay up to date with new Windows 8 concurrent tasks
- Avoid classical synchronization problems
- Understand Windows API and concurrent execution

Who This Book Is For

The book is intended for enterprise developers and programmers who wish to make use of C++ capabilities to learn the multithreaded approach. Knowledge of multithreading along with experience in C++ is an added advantage. However it is not a prerequisite.

What You Will Learn

- Use an object-oriented programming model with inheritance, overloading, and polymorphism
- Solve common Interprocess Communication problems and avoid deadlocks or starvation problems in your application development
- Manage threads efficiently using the CThread class
- Explore .NET CLI/C++ features as well as synchronization objects and techniques
- Make use of parallel techniques in code design
- Use machine resources in concurrent execution
- Enable programs to work with each other using Message Passing
- Avoid classic synchronization problems

In Detail

Creating multithreaded applications is a present-day approach towards programming. With the power of C++, you can easily create various types of applications and perform parallelism and optimizations in your existing work. This book is a practical, powerful, and easy-to-understand guide to C++ multithreading. You will learn how to benefit from the multithreaded approach and enhance your development skills to build better applications. This book will not only help you avoid problems when creating parallel code, but also help you to understand synchronization techniques. The end goal of the book will be to impart various multithreading concepts that will enable you to do parallel computing and concurrent programming quickly and efficiently.

C++ Multithreading Cookbook By Milos Ljumovic Bibliography

- Sales Rank: #3801865 in Books
- Published on: 2014-08-06
- Released on: 2014-08-01
- Original language: English
- Number of items: 1
- Dimensions: 9.25" h x .96" w x 7.50" l, 1.59 pounds
- Binding: Paperback
- 300 pages

⬇ **Download** C++ Multithreading Cookbook ...pdf

🗎 **Read Online** C++ Multithreading Cookbook ...pdf

Download and Read Free Online C++ Multithreading Cookbook By Milos Ljumovic

Editorial Review

About the Author

Milos Ljumovic

Milos Ljumovic was born on July 26 in Podgorica, the capital of Montenegro in Europe, where he attended elementary and high school. He also went to music school to play the guitar. He studied Computer Science in the Faculty of Natural Science and Mathematics, Montenegro University. The following year, he picked up interest in operating systems, which he majored in, in his Master's degree. In December 2009, along with his friend Danijel, he started his company, Programmer, along with a highly qualified team to provide high-tech IT solutions. Soon, many skilled developers joined them, and from this collaboration, many applications and system software, web applications, and database systems have arisen. His clients were not only the Government of Montenegro, but also some major domestic companies. He developed a new age financial system for the national domain company, MeNet; he also developed video recognition software, along with pictures and other digital media types. He also developed many fascinating websites and other web applications. The list of customers is too long to be incorporated here. After working only for a few months as an international consultant, he worked with an American company in a project involving large e-commerce businesses and data scraping from the Internet. All this was the spark to open his new company, EXPERT.ITS.ME, in the beginning of July 2014. Besides development, he provides consulting services and helps small businesses in the IT sector to manage problems while inspiring them to be and think big. He is also a member of the Committee of National Chamber (ICT) of Montenegro and MENSA. He likes programming in C/C++/C# even though he is skilled in HTML, PHP, TSQL, and more while going toward his dream of developing his own operating system. In his spare time, he plays tennis, dives, hunts, or plays chess. He favors brainstorming with his team and fresh, modern ideas in the area of IT and computer science. He is continuously going towards new beginnings and next-generation software solutions. He specially likes teaching computer science and math students through private classes and courses and shaping them to be qualified programmers and helping them find all the beauty of science. To see what his interests are and what he is doing, visit his company's website (http://expert.its.me) or his website (http://milos.expert.its.me), or contact him at milos@expert.its.me.

Users Review

From reader reviews:

Carol Frazier:

In other case, little individuals like to read book C++ Multithreading Cookbook. You can choose the best book if you love reading a book. As long as we know about how is important the book C++ Multithreading Cookbook. You can add knowledge and of course you can around the world by way of a book. Absolutely right, simply because from book you can recognize everything! From your country till foreign or abroad you can be known. About simple matter until wonderful thing you could know that. In this era, we can easily open a book or maybe searching by internet unit. It is called e-book. You may use it when you feel bored stiff to go to the library. Let's examine.

Royce Britton:

Now a day folks who Living in the era everywhere everything reachable by connect with the internet and the resources inside can be true or not require people to be aware of each info they get. How many people to be smart in obtaining any information nowadays? Of course the answer then is reading a book. Reading through a book can help persons out of this uncertainty Information specifically this C++ Multithreading Cookbook book since this book offers you rich data and knowledge. Of course the details in this book hundred % guarantees there is no doubt in it as you know.

Antoinette Lefebre:

This C++ Multithreading Cookbook are generally reliable for you who want to certainly be a successful person, why. The key reason why of this C++ Multithreading Cookbook can be one of several great books you must have is usually giving you more than just simple examining food but feed anyone with information that might be will shock your previous knowledge. This book will be handy, you can bring it almost everywhere and whenever your conditions both in e-book and printed people. Beside that this C++ Multithreading Cookbook giving you an enormous of experience like rich vocabulary, giving you tryout of critical thinking that we all know it useful in your day pastime. So , let's have it and revel in reading.

Faye Springer:

Do you like reading a book? Confuse to looking for your best book? Or your book ended up being rare? Why so many issue for the book? But any people feel that they enjoy to get reading. Some people likes examining, not only science book but in addition novel and C++ Multithreading Cookbook or even others sources were given knowledge for you. After you know how the truly amazing a book, you feel desire to read more and more. Science book was created for teacher or maybe students especially. Those publications are helping them to include their knowledge. In some other case, beside science e-book, any other book likes C++ Multithreading Cookbook to make your spare time much more colorful. Many types of book like here.

Download and Read Online C++ Multithreading Cookbook By Milos Ljumovic #JXOTYLBMVHF

Read C++ Multithreading Cookbook By Milos Ljumovic for online ebook

C++ Multithreading Cookbook By Milos Ljumovic Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read C++ Multithreading Cookbook By Milos Ljumovic books to read online.

Online C++ Multithreading Cookbook By Milos Ljumovic ebook PDF download

C++ Multithreading Cookbook By Milos Ljumovic Doc

C++ Multithreading Cookbook By Milos Ljumovic Mobipocket

C++ Multithreading Cookbook By Milos Ljumovic EPub