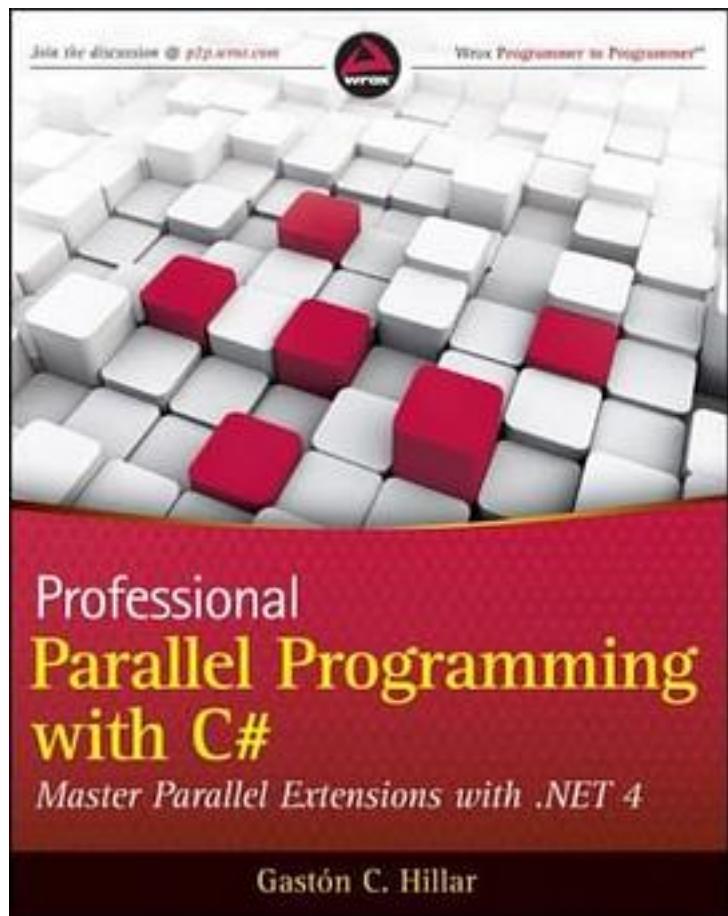


# Professional Parallel Programming with C#



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Expert guidance for those programming today's dual-core processors PCs As PC processors explode from one or two to now eight processors, there is an urgent need for programmers to master concurrent programming. This book dives deep into the latest technologies available to programmers for creating professional parallel

applications using C#, .NET 4, and Visual Studio 2010. The book covers task-based programming, coordination data structures, PLINQ, thread pools, asynchronous programming model, and more. It also teaches other parallel programming techniques, such as SIMD and vectorization. Teaches programmers professional-level, task-based, parallel programming with C#, .NET 4, and Visual Studio 2010. Covers concurrent collections, coordinated data structures, PLINQ, thread pools, asynchronous programming model, Visual Studio 2010 debugging, and parallel testing and tuning. Explores vectorization, SIMD instructions, and additional parallel libraries. Master the tools and technology you need to develop thread-safe concurrent applications for multi-core systems, with Professional Parallel Programming with C#.

点击链接进入中文版：

[C#并行编程高级教程:精通NET 4 Parallel Extensions](#)

作者介绍：

从8岁起就开始使用计算机了。在20世纪80年代初，他开始在传奇的TexasTI-99/4A和Commodore64家用计算机上编写程序。他作为一名优秀毕业生在UADE大学获得了学士学位，然后又在UCEMA大学凭借出色的毕业论文获得了工商管理硕士学位。

自1997年以来，Gaston在并行编程、多处理器和多核处理器领域进行了深入研究。在设计和开发各种类型复杂的利用多核处理能力的并行解决方案方面，他有着14年的丰富经验，后来，他开始通过C#和.NETFramework编写并行解决方案。

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标签

并行编程 via

programming

Programming

Parallel

C

#4.0

.NET

## 评论

不好不坏，也就那样

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## 书评

书内涵盖的内容：现代多核和众核共享内存体系结构 介绍如何基于新task parallel library和.net 4设计稳定的可扩展并行应用程序。

讲解命令式数据并行、命令式任务并行、并发集合以及协调数据结构。

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