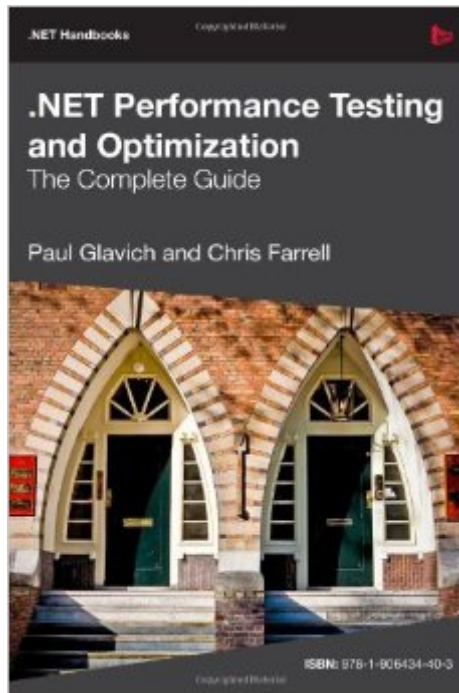# .Net Performance Testing And Optimization – The Complete Guide

Synopsis

In the Complete Guide .NET Performance and Optimization, Paul Glavich and Chris Farrell offer a comprehensive and essential handbook to anybody looking to set up a .NET testing environment and get the best results out of it, or just learn effective techniques for testing and optimizing their .NET applications.

Book Information

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Customer Reviews

This book is just like its name, a complete guide to .net performance testing. It covers very broad scenarios related to .net development of various types of applications. I would think of this book as a handbook for beginner or intermediate levels of developers. When one needs deep insight to certain performance problems, the book can point out a direction and ONLY a direction.One needs to know a bit more or be a little experienced with typical software development process and roles in order to understand the book at a better level. I like the test metrics part since it mentions the metrics together with the typical values of these metrics under various situations. The performance tuning and load balancing tips in chapters 11-13 are quite useful. But the chapters about application profiling and performance profiling look more like a brief introduction to various tools available. In addition, the timing of the content is important. One needs to look forward to an upgraded version when Windows 7 and Visual Studio 2010 is used massively.All in all I think this is a good handbook and it covers a very important and realistic topic. It is interesting to say that I still find useful tips from the book after working in a large software development organization for years. :)

This great book on performance testing and optimization, really covers this topic well both from and overall perspective as in depth hands on stuff.It covers new and emerging technique areas like AppFabric and Cloud computing which in my opinion is a big PLUS.I also like the coverage over different tools and functionality in the OS and Visual Studio to help you in your quest for well performing applications.The book is packed with information and gives guidelines and the authors' great experience in this field really show.This is a book to have handy and I have it on my desk for easy access.I definitly recommend buyin this book!

If software systems designers were asked should we be concerned about such things as Performance testing and optimization we would all answer yes without hesitation. However, if ask how to achieve these things many would struggle to find answers. This volume aims to demystify this important area by examining the major topics of Performance testing, Load Testing, Stress Testing and Profiling. The aim of this book is to help you manage the execution of tests and the collation of the data derived from these tests while trying to achieve the best ratio between value to the business and effort expended - a noble goal.All Developers do constant battle with piecing together many components to try to form a system that appears as a coherent whole. However, this battle hides important areas related to performance and the associated testing necessities related to this amalgamation components and the end performance of the beast. Just stop to condiser the components you use to build a site - web server, hosting software, Html, ASP.NET, CSS, Ajax - the list continues to grow. In this text the authors are attempting to assembly a knowledge base of expertise and best practices in an organised and useful manner.The authors know a thing or two about testing and have a very approachable way of communicating this. They clearly layout their stall incorporating current best practices. Although the book is well researched and written don't expect to become a expert within a short period of time. The goal, of balancing results (in achieving performance efficiencies) with the cost of achieving those results takes some time to master and will be complicated during different projects by differing pressures, both technical and political! This will be a book that you can use as a blueprint for incorporating best practices in the field of performance/load/stress testing within your projects - just don't expect to apply all the practices all the time. However, at least you will have a clear understanding of what should be done and how to achieve it and therefore you will be in a strong position to make the case to the powers that be who control the budget constraints for a project.I should particularly mention a couple of chapters that I found extremely useful. The chapter on IIS really educated me. Although I have used IIS for many

years I now realise how little Iactually knew about it and how foolishly content I was in accepting the default settings. This chapter describes the inner workings of IIS in a very simple yet precise manner. It further describes the configuration options and importantly their impact on performance. Also worth particular mention is the chapter on HTTP optimization. This deals with the tools that can be used to help you with optimisation (Firebug, Fiddler, YSlow, IE Dev Toolbar). It also covers Javascript considerations, CCS optimization, Ajax considerations and image optimization. The summary and the call to action at the end of this chapter are pure gold and in one page give a simple task list for any one to make (possibly huge) improvements to their web site performance.In the final analysis this is a very worthwhile collation and distillation of the considerations, techniques and best practices related to fine tuning your web based systems with regards to Performance testing and optimization for .NET.If you look at your site and wonder why it is so slow this book will definitely help - go get.

.Net Performance Testing and Optimization - The Complete Guide Daniels and Worthingham's Muscle Testing: Techniques of Manual Examination and Performance Testing, 9e (Daniels & Worthington's Muscle Testing (Hislop)) Hybrid Particle Swarm Algorithm for Multiobjective Optimization: Integrating Particle Swarm Optimization with Genetic Algorithms for Multiobjective Optimization MCAD/MCSD Self-Paced Training Kit: Developing Windows®-Based Applications with Microsoft® Visual Basic® .NET and Microsoft Visual C#® .NET, Second Ed: ... C#(r) .Net, Second Ed (Pro-Certification) Performance Testing Microsoft .NET Web Applications Network Performance and Optimization Guide: The Essential Network Performance Guide For CCNA, CCNP and CCIE Engineers (Design Series) The Basics of Hacking and Penetration Testing, Second Edition: Ethical Hacking and Penetration Testing Made Easy ACSM's Resource Manual for Guidelines for Exercise Testing and Prescription (Ascms Resource Manual for Guidlies for Exercise Testing and Prescription) Penetration Testing: Communication Media Testing (EC-Council Press) Ruppel's Manual of Pulmonary Function Testing, 10e (Manual of Pulmonary Function Testing (Ruppel)) Manual of Pulmonary Function Testing, 9e (Manual of Pulmonary Function Testing (Ruppel)) Testing Women, Testing the Fetus: The Social Impact of Amniocentesis in America (The Anthropology of Everyday Life) WordPress: A Beginner to Intermediate Guide on Successful Blogging and Search Engine Optimization. (Blogging, SEO, Search Engine Optimization, Free Website, WordPress, WordPress for Dummies) Seo 2017: Search Engine Optimization for 2017. On Page SEO, Off Page SEO, Keywords (SEO Books, Search Engine Optimization 2016) SEO 2017: Search Engine Optimization for 2017. On Page SEO, Off Page SEO, Keywords (SEO Books,

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