

Texto diseñado para enseñar en profundidad a desarrollar aplicaciones basadas en la plataforma .NET Framework, utilizando Visual Basic .NET como lenguaje.

El texto cubre tanto aspectos básicos como avanzados, abordando el lenguaje, programación orientada a objetos (OOP), el entorno de desarrollo de aplicaciones (IDE) de Visual Studio .NET, etc.

Se trata de un manual de muy amplio contenido en documentación, además de numerosos ejemplos listos para ser utilizados desde Visual Basic .NET.

Entre los requisitos previos, basta con conocimientos de fundamentos de programación, conocer al menos un lenguaje, sea este el que sea y conocer el S.O. Windows a nivel de usuario.



PROGRAMACIÓN EN VISUAL BASIC .NET

LUIS MIGUEL BLANCO



Visual Studionet Manual

Jesse Liberty, Dan Hurwitz



Visual Studio.NET Manual:

The Debugger's Handbook J.F. DiMarzio, 2016-04-19 For today's programmers it is impossible to foresee every input every usage scenario and every combination of applications that can cause errors when run simultaneously. Given all of these unknowns, writing absolutely bug-free code is unachievable. But it is possible with the right knowledge to produce nearly bug-free code.

The Debugger's Handbook Nitin Pandey, Yesh Singhal, Mridula Parihar, 2002-04-15 Visual Studio .NET All in One Desk Reference For Dummies is a value-packed easy-to-use reference that provides broad coverage of Visual Studio .NET tools, languages, and environment for experienced Visual Studio programmers and developers who want to get up to speed rapidly on this mission-critical Microsoft initiative.

Professional Development with Web APIs Denise M. Gosnell, 2005-04-01 Shows developers how to harness the power of services such as Google, eBay, PayPal, and Amazon.com from within an application, whether it is Web-based, Windows-based, or even a Microsoft Office application. After a quick review of the basics, readers will dive into more advanced techniques such as calling the APIs from mobile devices, Office VBA programs, Windows Forms, and Web applications, and even how to integrate the various APIs together for a complete solution. Veteran Wrox author Denise Gosnell skillfully guides readers through the ins and outs of the various services, the anatomy of an API query, which features are available via the APIs, and how to get results from their own applications. Readers will build two fully functional applications to apply what they have learned: one a Windows program, the other a Web application.

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Pro ASP.NET 1.1 in C# Matthew MacDonald, 2007-03-01 Takes advantage of lateness to market by including experienced real-world knowledge of ASP.NET development as well as core information. Single volume covering both C# and VB.NET.

The .NET and COM Interoperability Handbook Alan Gordon, 2003 COM, COM+, and .NET will need to interoperate for a long time to come as companies undergo the migration to .NET. Gordon's book is a natural fit for anyone with COM applications that need to work with .NET, as it provides practical migration advice for developers moving their applications from COM/COM+ to .NET.

PC Mag, 2000-11-21 PCMag.com is a leading authority on technology, delivering Labs-based independent reviews of the latest products and services. Our expert industry analysis and practical solutions help you make better buying decisions and get more from technology.

Pro ADO.NET with VB .NET 1.1 Kevin Hoffman, Fabio Claudio Ferracchiati, Mathew Milner, Nick Malik, Jan D. Narkiewicz, Jenny Mack, Bipin Joshi, Doug Seven, John McTainsh, Paul Dickinson, 2007-03-01 First edition was popular with programmers, received excellent reviews. Fully updated for ADO 1.1 and latest ADO.NET release, additional

material on latest updates includes Oracle Provider Practical examples relevant to the problems that programmers face in their daily work *PC Mag*, 2000-06-06 PCMag.com is a leading authority on technology delivering Labs based independent reviews of the latest products and services Our expert industry analysis and practical solutions help you make better buying decisions and get more from technology Maximizing .NET Performance Nick Wienholt, 2008-01-01 Foreword by NET Remoting guru Ingo Rammer BACK IN 1999 the ACM published a study that presented a comparison of 40 independent implementations of a computationally intensive problem created by different programmers in either Java the then current managed runtime environment or C C It concluded with the finding that interpersonal differences between the developers are much larger than the average difference between Java and C C and that performance ratios of a factor of 30 or more are not uncommon between the median programs from the upper half versus the lower half This should teach you something If you are not a guru level C programmer then the chance is quite high that a managed code implementation performs as well as the average C solution especially given the fact that most NET languages simply allow you fewer possibilities to introduce subtle memory related or performance related issues And keep in mind that this study was conducted several years ago and that Just In Time Compilation JIT as well as memory management and garbage collection GC technologies have been improved in the meantime This however doesn't mean that you can't create horribly slow memory eating applications with NET That's why you should be really concerned about the other part of the study's conclusion namely that interpersonal differences are much larger In essence this means that you have to know about how to optimize your applications so that they run with the expected performance in a managed environment Even though NET frees you from a lot of tasks that in C would have been your responsibility as a developer these tasks still exist these little puppets have only cleared the main stage and now live in some little corner behind the scenes If you want your application to run in the top performance range you will still need to find the right strings to pull to move these hidden figures and to basically keep them out of the way of negatively affecting your application's performance Lutz Prechtelt Comparing Java vs C C Efficiency Differences to Interpersonal Differences Communications of the ACM 42 no 10 October 1999 109 112 But knowing about the common language runtime's internals is still not enough as lots of performance issues actually turn up during application design and not just during the coding stage Collections remoting interoperability with unmanaged code and COM components are not the only things that come to my mind in this regard It is the aim of Nick's book to enable you to understand the design issues as well as the underlying CLR mechanisms in order to create the programs that run on the better side of the 30 times performance difference quoted in the ACM study Nick really managed to create a book that addresses these issues which will otherwise turn up when carelessly coding to a managed environment This book will allow you to get into the details without being overwhelmed by the underlying complexity of the common language runtime The only thing you have to resist after reading the book is the urge to over optimize your code I was delighted to see that Nick begins with a discussion of identifying an

application's performance critical sections and only later turns towards isolating and resolving these real performance bottlenecks. This is in my opinion one of the most important tasks and also one of the most complex ones when working with large scale applications. And now read on and enjoy the ride to the better side of a 30 fold performance difference. Ingo Rammer, author of *Advanced .NET Remoting*, Vienna, Austria. <http://www.ingorammer.com>. About the Book: *Maximizing .NET Performance* is the first book dedicated entirely to providing developers and architects with information on .NET Framework performance. .NET is a technology with a vast surface area and coverage of every aspect of performance relevant to all .NET technologies is not possible within a single volume. This book concentrates on the performance of .NET Framework technologies like garbage collection, .NET Remoting and Code Access Security. Because these technologies form the building blocks upon which all .NET applications run, the information in this book is relevant to all .NET developers. In addition to providing high level material on achieving software with good performance characteristics, the book aims to enhance your knowledge of the design and implementation of the framework and to provide the tools and techniques to allow you to conduct your own investigation into performance problems. Rather than taking a tips and tricks approach, the book aims to provide a detailed exploration of each topic and explore the why and by how much aspects of performance that are often overlooked.

Altova® UModel® 2008 User & Reference Manual , *The Handbook for Reluctant Database*

Administrators Josef Finsel, 2001-10-01. Feeling reluctant? *The Handbook for Reluctant Database Administrators* provides you with a solid grasp of what you'll need to design, build, secure and maintain a database. Author Josef Finsel writes from an understanding point of view; he also crossed over from programming to database administration. Furthermore, database administration veteran Francis Stanisci comments throughout the book, sharing insight from his own years of experience.

Programming ASP.NET Jesse Liberty, Dan Hurwitz, 2003. ASP.NET, successor to Microsoft's Active Server Pages (ASP), is so complete and flexible that a web developer's main difficulty may lie simply in weaving the pieces together for maximum efficiency. The new edition of *Programming ASP.NET* shows developers how to do just that. Updated for Version 1.1 of the .NET framework and Visual Studio .NET 2003, the second edition of this bestselling .NET title will show you how to create dynamic, data-driven web sites and services using both C# and Visual Basic .NET. In *Programming ASP.NET, Second Edition*, authors Jesse Liberty and Dan Hurwitz cover everything you need to know to be effective with ASP.NET. The book includes a comprehensive tutorial on Web Forms, which in conjunction with Visual Studio .NET 2003, allow you to apply Rapid Application Development techniques including drag and drop control placement to web development. *Programming ASP.NET* includes extensive coverage of each type of server control, including Web server controls, HTML server controls, and custom controls. New material covers creating ASP.NET pages for mobile devices. Since most web applications and web services involve retrieving data and returning it to a client browser, *Programming ASP.NET, Second Edition* also offers extensive coverage of data access issues. These include topics such as using ASP.NET's list-bound controls, accessing data using the

ADO NET object model and updating data with or without transaction support Programming ASP NET also discusses such advanced topics as Caching and performance Security Configuration and deployment If you re already familiar with Active Server Pages technology you ll appreciate the in depth focus and straightforward easy to read approach for developing web pages and web services Succinct direct and loaded with examples Programming ASP NET Second Edition will help users at every level master ASP NET without getting bogged down in the complexity of its features **ColdFusion MX Developer's**

Handbook Raymond Camden,Arman Danesh,Hal Helms,Guy Rish,Emily Kim,Shlomy Gantz,Jen deHaan,Peter deHaan,Charles Mohnike,Selene Bainum,John Colasante,William Baum,Kenneth N. Fricklas,Matt Liotta,2006-10-25

ColdFusion is an extremely powerful web development tool Despite its short initial learning curve attributed to its accessible HTML like tag based syntax it provides sophisticated content management solutions for large scale enterprises This has never been truer than it is now since the release of ColdFusion MX To take advantage of this power you must step outside the box to learn skills as diverse as application design and Web Services development topics addressed only briefly if at all in standard ColdFusion tutorials and reference books ColdFusion MX Developer s Handbook teaches you what you need to broaden your ColdFusion skills and become a fully capable enterprise developer Inside 13 ColdFusion experts provide highly detailed advanced instruction that will save you countless headaches and let you squeeze every last drop of functionality from the newest release You ll master database integration techniques involving advanced SQL queries stored procedures and database upsizing You ll take advantage of MX s improved integration with other technologies incorporating Flash using Flash Remoting and capitalizing on full XML support to create Web Services In your custom coding you ll build and deploy Java and C extensions and wirelessly extend ColdFusion s reach with components that talk to WAP and WML clients All this comes wrapped in practical hard to find advice for managing your content and applications and optimizing performance Large applications with heavy traffic need speed and efficiency and you get that with performance tuning load balancing and caching If you re working in a clustered environment you need to understand state management No matter what your situation you ll benefit from in depth coverage of application security debugging and coding methodology using Fusebox Every chapter is packed with the technical knowledge to give you what you need to create serious solutions You might find that one particular chapter alone is worth the cost of the book because of the time and frustration it will save you Most readers however will use various parts of this book at different times depending on the constantly changing challenges faced by enterprise programmers The mission of this book is to provide the extra skills you need to be a successful ColdFusion developer in today s demanding and expanding environment **C# Class Design Handbook** Richard Conway,2003-08-15

Gives you a deep understanding of the implications of every decision you can make in designing a class so you are better equipped to take full advantage of C s power to create robust flexible reusable classes Lifts the lid on the simple syntax and examines what it really does behind the scenes Covers all the fundamentals on classes the role of types in NET the different

kinds of type C creates fundamental role of methods as containers of program logic how NET s delegate based event system works how to control and exploit inheritance in your types and logical and physical code organization through namespaces and assemblies Handbook of Research in Mobile Business: Technical, Methodological, and Social Perspectives Unhelkar, Bhuvan,2006-04-30 This reference book brings together various perspectives on the usage and application of mobile technologies and networks in global business Provided by publisher *E-Business and Distributed Systems Handbook* Amjad Umar,2003-05 This module explains the growing number of Application Servers and their variants Mobile Application Servers Commerce Servers B2B Servers Multimedia and Collaboration Servers This is one module of an extensive handbook that systematically discusses how to translate e business strategies to working solutions by using the latest distributed computing technologies The focus of this module of the handbook is on application servers that package several middleware and infrastructure services into a platform for development deployment and management of modern applications Chapters of this module explain the principles of application servers and systematically discuss a Mobile Application Servers based on WAP I Mode J2ME and others b Commerce Servers based on e payment systems electronic catalogs XML secure C2B trade c B2B Servers based on ebXML Web Services workflows EDI EAI d Multimedia and Collaboration Servers based on groupware SMIL and RTP and e Super Application Servers that combine numerous services needed for Web mobile applications and EC EB applications on a single platform IBM s WebSphere is an example Chapters of the module also include several real life examples and case studies to highlight practical applications Additional information and instructor material available from author website www.amjadumar.com *Industrial Robots Programming* J. Norberto Pires,2007-04-03 Industrial Robots Programming focuses on designing and building robotic manufacturing cells and explores the capabilities of today s industrial equipment as well as the latest computer and software technologies Special attention is given to the input devices and systems that create efficient human machine interfaces and how they help non technical personnel perform necessary programming control and supervision tasks Drawing upon years of practical experience and using numerous examples and illustrative applications J Norberto Pires covers robotics programming as it applies to The current industrial robotic equipment including manipulators control systems and programming environments Software interfaces that can be used to develop distributed industrial manufacturing cells and techniques which can be used to build interfaces between robots and computers Real world applications with examples designed and implemented recently in the lab Industrial Robots Programming has been selected for indexing by Scopus For more information about Industrial Robotics please find the author s Industrial Robotics collection at the iTunesU University of Coimbra channel *C# Programmer's Handbook* Gregory S. Macbeth,2008-01-01 This book provides in depth examination of the C language as used in NET development for both NET 1 1 and 2 0 Developers migrating to C will find this a quick and easy to use reference and new programmers will take home deeper understanding of the concepts needed to apply C to real world programming needs This is the type of book

you'll never want to be without providing essential guidance to using C for accomplishing real world tasks in technologies including COM Interop I/O Directory Services ADO.NET networking threading debugging Remoting Web Services and ASP.NET This book also covers features new to C# 2.0 such as Generics Anonymous Methods Iterators and new methods of existing Framework classes Becoming familiar with these concepts will be an advantage to any C developer making the leap from 1.1 to 2.0

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