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Get to grips with a new technology, understand what it is and what it can do for you, and then get to work with the most important features and tasks. This book is fast-paced, practical guide that will provide step-by-step instructions for building a practical database-driven MVC application using Zend Framework 2. This book is for developers who possess entry level knowledge or who have no prior experience with Zend Framework. An understanding of object-oriented programming is important and experience with namespaces will be required. * Explains current Extreme Programming practices now that .NET 1.1 has matured; also explains how new features of .NET 2.0 impact Extreme Programming techniques. * Provides real-world examples of Extreme Programming practice, by examining the complete release of an example project, so developers can learn practical details and principles. * Shows developers how to use test-first development techniques for web-based

applications using the NUnit testing framework within the Visual Studio .NET IDE, plus critical coverage of Nant, Net Mock and CruiseControl.NET. Offering authoritative, field-proven advice from a Microsoft insider, this book teaches the underlying commonalities that developers can use regardless of their language choice or development tools Extensive use of examples and working code provides developers with practical and authoritative coverage of the CLR (common language runtime) and APIs, the building blocks that make it possible to write in any choice of language Primary topics discussed include generics, MSIL (Microsoft Intermediate Language)-based framework libraries, advanced framework libraries, distributed development foundations, and more Version 2.0 is the version that provides the foundation for Visual Studio 2005 Combining coverage of both XSLT 2.0 and XPath 2.0, this book is the definitive reference to the final recommendation status versions of both specifications. The authors start by covering the concepts in XSLT and XPath, and then delve into elements, operators, expressions with syntax, usage, and examples. Some of the specific topics covered include XSLT processing model, stylesheet structure, serialization, extensibility, and many others. In addition to online content that includes error codes, the book also has case studies you'll find applicable to your own challenges. The book is really pragmatic, focusing on the key aspects you usually need to create an application. We skip the boring theory and jump straight to the action. Also, the examples don't try to be perfect, they just show the topic in question or the tool/components we are using. Here the focus is on the framework itself not on how to architect applications. The book will spend a lot of time reviewing the examples and each chapter is created around the example used to explain the topics so the example is first, then the explanation. This book is great for you if you are new to Zend Framework 2 and are looking to get a practical approach in how to use the framework. This book will be also really helpful if you are a Zend Framework 1 user but you want to adapt you knowledge to the new version of the framework. It's assumed that you will have good experience using PHP and specially with the Object Oriented programming paradigm. Build cross-platform solutions with

.NET Core 2.0 through real-life scenarios Key Features Bridges the gap between learning and doing and improves your software development skills Covers the best practices of .NET development to improve your productivity Example-based approach to get you started quickly with software programming Book Description With the rise in the number of tools and technologies available today, developers and architects are always exploring ways to create better and smarter solutions. Before, the differences between target platforms was a major roadblock, but that's not the case now. .NET Core 2.0 By Example will take you on an exciting journey to building better software. This book provides fresh and relevant content to .NET Core 2.0 in a succinct format that's enjoyable to read. It also delivers concepts, along with the implications, design decisions, and potential pitfalls you might face when targeting Linux and Windows systems, in a logical and simple way. With the .NET framework at its center, the book comprises of five varied projects: a multiplayer Tic-tac-toe game; a real-time chat application, Let'sChat; a chatbot; a microservice-based buying-selling application; and a movie booking application. You will start each chapter with a high-level overview of the content, followed by the above example applications described in detail. By the end of each chapter, you will not only be proficient with the concepts, but you'll also have created a tangible component in the application. By the end of the book, you will have built five solid projects using all the tools and support provided by the .NET Core 2.0 framework. What you will learn Build cross-platform applications with ASP.NET Core 2.0 and its tools Integrate, host, and deploy web apps with the cloud (Microsoft Azure) Leverage the ncurses native library to extend console capabilities in .NET Core on Linux and interop with native code .NET Core on Linux and learn how to interop with existing native code Reuse existing .NET Framework and Mono assemblies from .NET Core 2.0 applications Develop real-time web applications using ASP.NET Core Learn the differences between SOA and microservices and get started with microservice development using ASP.NET Core 2.0 Walk through functional programming with F# and .NET Core from scratch Who this book is for If you are a developer or architect and want to learn how to

build cross-platform solutions using Microsoft .NET Core, this book is for you. It is assumed that you have some knowledge of the .NET Framework, OOP, and C# (or a similar programming language). As two of the leading MVC web frameworks for Python, Django and TurboGears allow you to develop and launch sites in a fraction of the time compared to traditional techniques and they provide greater stability, scalability, and management than alternatives. Packed with examples, this book will help you discover a new methodology for designing, coding, testing, and deploying rich web applications. A team of expert authors shows you the power of MVC frameworks and the capabilities of the TurboGears and Django packages. The Django chapters show you how to automate production of common web development tasks, portal creation, and content management, so you can focus on higher-level application issues and design. The TurboGears chapters illustrate how to rapidly create modern, highly interactive Web 2.0 applications. For both frameworks, you'll create useful applications that exemplify common Web 2.0 design paradigms and their solutions. Ultimately, you'll leverage your Python skills using Django and TurboGears and go from novice to RIA expert. What you will learn from this book * How you can use frameworks to save you time and frustration in the development cycle * The elements, differences, and similarities of the TurboGears and Django frameworks * Advanced capabilities of both frameworks and how they easily solve issues common to web applications * Approaches to simplifying your client side JavaScript(r) with MochiKit, a Pythonic JavaScript library * How to pair TurboGears with Flash for even more possibilities Who this book is for This book is for Python developers who want to learn rapid Web 2.0 development techniques using frameworks and incorporating a model-view-controller architecture. Wrox Professional guides are planned and written by working programmers to meet the real-world needs of programmers, developers, and IT professionals. Focused and relevant, they address the issues technology professionals face every day. They provide examples, practical solutions, and expert education in new technologies, all designed to help programmers do a better job. Beginning Object-Oriented ASP.NET 2.0 with VB .NET covers all of the

basics, from definition to inheritance. This book even includes a chapter on Visual Studio 2005 and Microsoft .NET Framework 2.0, enabling you to create ASP.NET 2.0 applications. Also included are chapters on creating web forms, web controls, and web services. Code samples illustrate the usage of each concept. Table of Contents An Introduction to .NET and Visual Studio 2005 Object-Oriented Programming Attributes and Actions Encapsulation Inheritance Namespaces Class Design ASP.NET Web Forms ASP.NET Controls Web Services This book is written in a practical, cookbook style with numerous examples and recipes. This style allows you to go both directly to your topic of interest or follow topics throughout a chapter to gain an in-depth knowledge of certain areas. Zend Framework 2 Cookbook is for PHP developers who are fairly advanced in programming in PHP. It will also be useful for developers who have a keen interest in expanding their knowledge outside the boundaries of simply scripting pages together. As unit testing and MVC will be discussed, it is beneficial for the reader to know what these technologies are, although experience with developing applications is not necessarily essential. The professional's guide to C# 7, with expert guidance on the newest features Professional C# 7 and .NET Core 2.0 provides experienced programmers with the information they need to work effectively with the world's leading programming language. The latest C# update added many new features that help you get more done in less time, and this book is your ideal guide for getting up to speed quickly. C# 7 focuses on data consumption, code simplification, and performance, with new support for local functions, tuple types, record types, pattern matching, non-nullable reference types, immutable types, and better support for variables. Improvements to Visual Studio will bring significant changes to the way C# developers interact with the space, bringing .NET to non-Microsoft platforms and incorporating tools from other platforms like Docker, Gulp, and NPM. Guided by a leading .NET expert and steeped in real-world practicality, this guide is designed to get you up to date and back to work. With Microsoft speeding up its release cadence while offering more significant improvement with each update, it has never been more important to get a handle on new tools

and features quickly. This book is designed to do just that, and more—everything you need to know about C# is right here, in the single-volume resource on every developer's shelf. Tour the many new and enhanced features packed into C# 7 and .NET Core 2.0 Learn how the latest Visual Studio update makes developers' jobs easier Streamline your workflow with a new focus on code simplification and performance enhancement Delve into improvements made for localization, networking, diagnostics, deployments, and more Whether you're entirely new to C# or just transitioning to C# 7, having a solid grasp of the latest features allows you to exploit the language's full functionality to create robust, high-quality apps. Professional C# 7 and .NET Core 2.0 is the one-stop guide to everything you need to know. A new edition of this title is available, ISBN-10: 0321533925 ISBN-13: 9780321533920 "Essential C# 2.0 pulls off a very difficult task. The early chapters are comprehensible by beginning developers, while the later chapters pull no punches and provide the experienced developer with the detailed information they need to make the most of C# 2.0. Starting with the first chapter, Mark has successfully interwoven tidbits of information useful to even the most advanced developer while keeping the book approachable." -Chris Kinsman, chief architect, Vertafore, Microsoft Regional Director "How refreshing! This book deals with C# thoroughly, rather than skimming over the whole .NET framework. It is valuable to newcomers and professionals alike." -Jon Skeet, C# MVP "Essential C# 2.0 is a one-stop shop for an experienced programmer looking to ramp up on one of the hottest languages around today. Mark delivers an intelligent and detailed tour of C#, providing newcomers to the language with a solid foundation of skill on which to build their next generation of applications." -Stephen Toub, technical editor, MSDN Magazine "This book provides complete, up-to-date coverage of all the programming constructs in C#. Masterfully organized, it allows beginning programmers to get on board and leads more experienced programmers into the world of structured programming. Because of its unwavering focus on the essential programming constructs of C#—such as generics, delegates, and much more—this book is indispensable. For programmers

who want to solve their day-to-day programming issues using the latest features this modern programming language has to offer, this book is indispensable.” -Narendra Poflee, IT integration specialist, Itron Inc.

“Essential C# 2.0 is an ideal book for all programmers interested in C#. If you are a beginner, you will quickly learn the basics of C# programming and become familiar with the concepts. The flow of the text is easy to follow and does a great job of not repeating concepts that have already been covered. For the experienced programmer, this book has priceless nuggets embedded within its pages, making it a great read for programmers who are already familiar with C#. This will be a book that I will keep next to my computer for years to come.” -Michael Stokesbary, software engineer, Itron Inc.

Essential C# 2.0 is a clear, concise guide to C#-including the features new to C# 2.0. The book clearly presents material for beginners and experts and provides contrasts and comparisons between C# and other languages. The C# language is covered comprehensively and each important construct is illustrated with succinct code examples. Complete code examples are available online. Mark Michaelis has organized the material for quick access. Graphical “mind maps” at the beginning of each chapter show what material is covered and how each topic relates to the whole. Following the C# introduction, readers will learn about C# primitive data types, value types, reference types, type conversions, and arrays Operators and control flow, loops, conditional logic, and sequential programming Methods, parameters, exception handling, and structured programming Classes, inheritance, structures, interfaces, and object-oriented programming Well-formed types, operator overloading, namespaces, and garbage collection Generics, collections, and iterators Reflection, attributes, and declarative programming Threading, synchronization, and multi-threaded patterns Interoperability and unsafe code The Common Language Infrastructure that underlies C# C# 2.0 has a multitude of new features that make the language even more powerful, productive, and efficient. These new features are thoroughly covered in this book. A separate appendix on C# 2.0 topics helps readers quickly find new features of the language. Whether you’re just starting out as a

programmer, are an experienced developer looking to learn C#, or are a seasoned C# programmer interested in learning the new features of C# 2.0, Essential C# 2.0 gives you just what you need to quickly get up and running writing C# applications. This book reports on the development and validation of a generic defeasible logic programming framework for carrying out argumentative reasoning in Semantic Web applications (GF@SWA). The proposed methodology is unique in providing a solution for representing incomplete and/or contradictory information coming from different sources, and reasoning with it. GF@SWA is able to represent this type of information, perform argumentation-driven hybrid reasoning to resolve conflicts, and generate graphical representations of the integrated information, thus assisting decision makers in decision making processes. GF@SWA represents the first argumentative reasoning engine for carrying out automated reasoning in the Semantic Web context and is expected to have a significant impact on future business applications. The book provides the readers with a detailed and clear exposition of different argumentation-based reasoning techniques, and of their importance and use in Semantic Web applications. It addresses both academics and professionals, and will be of primary interest to researchers, students and practitioners in the area of Web-based intelligent decision support systems and their application in various domains. ADO.NET revolutionized the way data was accessed through SQL Server, Oracle, and MySQL. With Microsoft's release of ADO.NET 2, ADO and the .NET Framework are integrated with SQL Server for the first time-enabling you to program .NET applications directly within the SQL Server database. Packed with sample code and recommended best practices for using ADO.NET 2, this code-intensive book explores the new data types that are available in the 2.0 Framework and discusses the appropriate time and way to use them. You'll learn how to make repetitive, mundane tasks much simpler and you'll walk away with a solid foundation for developing database-driven applications. What you will learn from this book The basics of creating a connection, executing a query, and returning a result Best uses for Oracle in the ADO.NET Framework The many new features that are

available for XML How to use the full text search capabilities of Microsoft(r) SQL Server 2005 Methods for retrieving data and presenting it in various ways Why MySQL is a viable option for data storage Who this book is for This book is for experienced database developers who want to learn the latest release of ADO.NET 2.0. Knowledge of ADO.NET 1.0, general .NET development, and Microsoft SQL Server is necessary. Wrox Professional guides are planned and written by working programmers to meet the real-world needs of programmers, developers, and IT professionals. Focused and relevant, they address the issues technology professionals face every day. They provide examples, practical solutions, and expert education in new technologies, all designed to help programmers do a better job. "Professor Yang and Dr. Zheng are two of the passionate young researchers in the field with a lot of hands-on experience. Professor Ni, on the other hand, is a veteran in wireless technologies, 2.5G/3G cellular phones, and embedded systems. The energy, the hands-on experience, and the long-term vision ensure that the book is of highest quality." -- From the foreword by Ya-Qin Zhang, Corporate Vice President for Research, Microsoft China The second-generation Smartphone applications are exclusively designed to leverage the advantages of mobility and ubiquitous wireless access. This book provides you with an in-depth look at software development issues and design guidelines, and helps you gain the skills you need to develop your own efficient and feature-rich Smartphone applications that utilize the latest cutting-edge technologies. Complete with code and examples, the book first walks you through the Microsoft Smartphone platform from a software developer's perspective. It next uncovers the .NET Compact Framework as well as the Smartphone programming environment. You'll then find detailed information on Microsoft Smartphone-related application design and programming topics in the domains of the .NET Compact Framework (managed code). Plus, you'll explore advanced development topics such as security and performance considerations that you'll be able to incorporate into your own applications. What you will learn from this book * How to use the programming framework and classes available in

Windows Mobile and Smartphone SDK * The fundamentals of .NET Compact Framework 2.0 * Techniques for developing your own robust Smartphone applications * Steps for customizing components and P/Invoke * How to enhance data and communication security * Ways to improve the performance of your applications * Fundamental techniques for supporting world-ready applications Who this book is for This book is for software architects and developers working in the area of mobile application development as well as professionals who want a quick and thorough overview of the Microsoft Smartphone software development platform. Wrox Professional guides are planned and written by working programmers to meet the real-world needs of programmers, developers, and IT professionals. Focused and relevant, they address the issues technology professionals face every day. They provide examples, practical solutions, and expert education in new technologies, all designed to help programmers do a better job. Build your expertise as you move beyond the basics--and delve into the core topics of programming with ASP.NET 2.0. Useful to both experienced developers and those developing new skills, this ultimate reference is packed with expert guidance, hands-on programming instruction, and practical examples to help you advance your mastery of developing applications for the Web. Discover how to: Author rich, visually consistent pages and manage layout with themes and Master pages Create personalized pages that persist user preferences Retrieve, modify, and manage data with Microsoft ADO.NET Configure the HTTP pipeline to serve ASP.NET 2.0 pages Control program flow by tracing and handling exceptions Design caching layers and learn state management techniques to optimize application performance Manage users with membership control, registration, and authentication capabilities Build real-world data access layers using common design patterns Use custom collections with data source controls Learn the internals of grid controls PLUS--Get code samples on the Web Get a thorough introduction to ADO.NET Entity Framework 4 -- Microsoft's core framework for modeling and interacting with data in .NET applications. The second edition of this acclaimed guide provides a hands-on tour of the framework latest version in Visual

Studio 2010 and .NET Framework 4. Not only will you learn how to use EF4 in a variety of applications, you'll also gain a deep understanding of its architecture and APIs. Written by Julia Lerman, the leading independent authority on the framework, *Programming Entity Framework* covers it all -- from the Entity Data Model and Object Services to WCF Services, MVC Apps, and unit testing. This book highlights important changes for experienced developers familiar with the earlier version. Understand the core concepts you need to make the best use of the EF4 in your applications. Learn to query your data, using either LINQ to Entities or Entity SQL. Create Windows Forms, WPF, ASP.NET Web Forms, and ASP.NET MVC applications. Build and consume WCF Services, WCF Data Services, and WCF RIA Services. Use Object Services to work directly with your entity objects. Create persistent ignorant entities, repositories, and write unit tests. Delve into model customization, relationship management, change tracking, data concurrency, and more. Get scores of reusable examples -- written in C# (with notes on Visual Basic syntax) -- that you can implement right away. Do you need to develop flexible software that can be customized quickly? Do you need to add the power and efficiency of frameworks to your software? The ADAPTIVE Communication Environment (ACE) is an open-source toolkit for building high-performance networked applications and next-generation middleware. ACE's power and flexibility arise from object-oriented frameworks, used to achieve the systematic reuse of networked application software. ACE frameworks handle common network programming tasks and can be customized using C++ language features to produce complete distributed applications. *C++ Network Programming, Volume 2*, focuses on ACE frameworks, providing thorough coverage of the concepts, patterns, and usage rules that form their structure. This book is a practical guide to designing object-oriented frameworks and shows developers how to apply frameworks to concurrent networked applications. *C++ Networking, Volume 1*, introduced ACE and the wrapper facades, which are basic network computing ingredients. Volume 2 explains how frameworks build on wrapper facades to provide higher-level communication services. Written

by two experts in the ACE community, this book contains: An overview of ACE frameworks. Design dimensions for networked services. Descriptions of the key capabilities of the most important ACE frameworks. Numerous C++ code examples that demonstrate how to use ACE frameworks. *C++ Network Programming, Volume 2*, teaches how to use frameworks to write networked applications quickly, reducing development effort and overhead. It will be an invaluable asset to any C++ developer working on networked applications. Combining both VB.Net and C# coverage in one book, this guide focuses on using ASP.NET 2.0 for solving business dynamic Web site challenges in a logical progression, from connecting to a database to displaying information to changing data. Covers the fundamentals of connecting Web pages to databases, techniques for creating data objects and events, and ways to handle data errors. Features tricks and traps for displaying data in grids, lists, and trees. Goes beyond the usual basic techniques to discuss the best practices and pitfalls that can occur in real-world scenarios with SQL Server, Oracle, MySQL, Access, and the new SQL Server Express Edition. * *Pro ASP.NET 2.0 Website Programming* shows how to provide users and customers with ASP.NET 2.0 websites that are easy-to-use, perform well, and secure. * This book clearly explains how to handle all of the common website tasks effortlessly: including logging in, displaying important customer information, querying data, reporting. and security. * With this book, readers will learn ASP.NET 2.0 and how to apply it to solve real business problems. As business becomes more and more global, software developers increasingly need to make applications multi-lingual and culturally aware. The .NET Framework may well have the most comprehensive support for internationalization and globalization of any development platform to date, and .NET Internationalization teaches developers how to unlock and utilize that support. Experienced international application developer Guy Smith-Ferrier covers the internationalization of both Windows Forms and ASP.NET applications, using both Versions 1.1 and 2.0 of the .NET Framework. Smith-Ferrier not only teaches you the best ways to take advantage of the globalization and internationalization features built in to the .NET Framework and

Visual Studio, he also provides original code to take globalized applications to the next level of international utility and maintainability. Key topics include

- An introduction to the internationalization process and how localization and globalization are supported in Windows and the .NET Framework
- The use of resource managers, cultures, resource DLLs, and localized strings, images, and files—including strongly typed resources
- Detailed coverage of form localization in Windows Forms and Web Forms
- Dealing with regional cultures and their casing, collation, and calendars
- Managing right-to-left Middle-Eastern text and pictographic East Asian languages
- How to use the book's original resource administration utilities
- How to translate resources with machine translation
- How to create custom cultures and integrate them with the .NET Framework 2.0 and Visual Studio 2005
- How resource managers work and how to write custom resource managers, including a resource manager that uses a database
- How to test your internationalization with FxCop using new and existing globalization rules
- How to effectively include the translator in the internationalization process

Whether you are a developer, architect, or manager, if you are involved in international applications with the .NET Framework, this is the one book you need to read and understand before you start development. Guy Smith-Ferrier is an author, developer, trainer, and speaker with more than 20 years of software engineering experience. He has internationalized applications in four development platforms, including the .NET Framework. A frequent conference speaker, Guy is the author of *C#* and .NET courseware and has written numerous articles. You can read his blog at www.guysmithferrier.com. Looks at the concept of object-oriented programming, covering such topics as logging management, applications, component groupings, writing algorithms, and code. *Programming in Objective-C, Fifth Edition* Updated for OS X Mountain Lion, iOS 6, and Xcode 4.5 *Programming in Objective-C* is a concise, carefully written tutorial on the basics of Objective-C and object-oriented programming for Apple's iOS and OS X platforms. The book makes no assumptions about prior experience with object-oriented programming languages or with the C language (which

Objective-C is based upon). Because of this, both beginners and experienced programmers alike can use this book to quickly and effectively learn the fundamentals of Objective-C. Readers can also learn the concepts of object-oriented programming without having to first learn all of the intricacies of the underlying C programming language. This unique approach to learning, combined with many small program examples and exercises at the end of each chapter, makes *Programming in Objective-C* ideally suited for either classroom use or self-study. This edition has been fully updated to incorporate new features in Objective-C programming introduced with Xcode 4.4 (OS X Mountain Lion) and Xcode 4.5 (iOS 6.) "The best book on any programming language that I've ever read. If you want to learn Objective-C, buy it."—Calvin Wolcott "An excellent resource for a new programmer who wants to learn Objective-C as their first programming language—a woefully underserved market."—Pat Hughes

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Get a practical introduction to the Microsoft .NET Framework 2.0 libraries (ADO.NET 2.0) that communicate, access, sort, and interact with data from .NET-connected applications. Includes coverage of XML data and Microsoft SQL Server 2005. Uses nearly fifty hands-on projects to acquaint the reader with the new features of Microsoft ASP.NET 2.0, showing how the new release can increase productivity, simplify programming tasks, and facilitate the addition of functionality to applications. *ASP.NET 2.0 Programming: Problem Design*

Solution is aimed at describing, designing, and implementing a site much like the ones you're probably working on or will be soon, while taking the opportunity to introduce and explain many of the new features that the new great ASP.NET 2.0 framework offers. Difficult problems are addressed head-on so you'll be ready for most of the problems you'll typically face when writing a modern website, and have one or more solutions ready for them. Unlike many other ASP.NET books that show examples for individual pages or features, the example in this book is an integrated end-to-end site (written in C#). The entire book and site has been written specifically for ASP.NET 2.0, to use the ASP.NET 2.0 features wherever they make sense. The end-result is a website which features a layout with user-selectable themes, a membership system, a content management system for publishing and syndicating articles and photos, polls, mailing lists, forums, an e-commerce store with support for real-time credit card processing, homepage personalization, and localization. The book leads the reader through development of a site with: Account registration, personalization and theming News and events, organized into categories Opinion polls Newsletter Forums E-commerce store with shopping cart and order management Localization Administration of a site will be covered including: Full online back-end administrative section, to manage practically all data from an intuitive user interface Site deployment In building these site features, you'll learn these new ASP.NET 2.0 features: Master pages Theming Personalization & Web parts Membership & Profile modules Personalization The new server-side UI controls such as GridView, DetailsView, FormView, Wizard, MultiView, the new xxxDataSource and navigation controls, among others. The new compilation mode and deployment modes The new framework for instrumenting the site, as well as handling & logging exceptions The new ADO.NET 2.0 features (e.g. caching with database dependency) The new classes for easy distributed transactions Management This book is also available as part of the 5-book ASP.NET 2.0 Wrox Box (ISBN: 0-470-11757-5). This 5-book set includes: Professional ASP.NET 2.0 Special Edition (ISBN: 0-470-04178-1) ASP.NET 2.0 Website Programming: Problem - Design -

Solution (ISBN: 0764584642) Professional ASP.NET 2.0 Security, Membership, and Role Management (ISBN: 0764596985) Professional ASP.NET 2.0 Server Control and Component Development (ISBN: 0471793507) ASP.NET 2.0 MVP Hacks and Tips (ISBN: 0764597663) CD-ROM with more than 1000 pages of bonus chapters from 15 other .NET 2.0 and SQL Server(TM) 2005 Wrox books DVD with 180-day trial version of Microsoft(r) Visual Studio(r) 2005 Professional Edition THE #1 BESTSELLING BOOK ON OBJECTIVE-C 2.0 Programming in Objective-C 2.0 provides the new programmer a complete, step-by-step introduction to Objective-C, the primary language used to develop applications for the iPhone, iPad, and Mac OS X platforms. The book does not assume previous experience with either C or object-oriented programming languages, and it includes many detailed, practical examples of how to put Objective-C to use in your everyday iPhone/iPad or Mac OS X programming tasks. A powerful yet simple object-oriented programming language that's based on the C programming language, Objective-C is widely available not only on OS X and the iPhone/iPad platform but across many operating systems that support the gcc compiler, including Linux, Unix, and Windows systems. The second edition of this book thoroughly covers the latest version of the language, Objective-C 2.0. And it shows not only how to take advantage of the Foundation framework's rich built-in library of classes but also how to use the iPhone SDK to develop programs designed for the iPhone/iPad platform. Table of Contents 1 Introduction Part I: The Objective-C 2.0 Language 2 Programming in Objective-C 3 Classes, Objects, and Methods 4 Data Types and Expressions 5 Program Looping 6 Making Decisions 7 More on Classes 8 Inheritance 9 Polymorphism, Dynamic Typing, and Dynamic Binding 10 More on Variables and Data Types 11 Categories and Protocols 12 The Preprocessor 13 Underlying C Language Features Part II: The Foundation Framework 14 Introduction to the Foundation Framework 15 Numbers, Strings, and Collections 16 Working with Files 17 Memory Management 18 Copying Objects 19 Archiving Part III: Cocoa and the iPhone SDK 20 Introduction to Cocoa 21 Writing iPhone Applications Part IV: Appendixes A Glossary B Objective-C 2.0 Language

Summary C Address Book Source Code D Resources ASP.NET 2.0 is an amazing technology that allows you to develop web sites and applications with very little hassle, and its power and depth enable it to host even the most complex applications available. Using code examples in C#, this invaluable beginner's guide shows you how to program web applications in ASP.NET 2.0 and see dynamic results with minimal effort. Through detailed explanations and working C# code examples, this popular author team eases you into the world of ASP.NET development and gradually introduces you to all sorts of interesting ASP.NET tricks and tools. You'll quickly see how ASP.NET 2.0 is designed to ensure a significant reduction in the amount of code you have to write--and, in turn, to make your life easier. What you will learn from this book Why Visual Web Developer is an ideal environment for building feature-rich ASP.NET 2.0 applications with C# How to secure web sites, providing login functionality and role-based access to content Useful techniques for safely updating data, using ASP.NET 2.0's built-in data handling capabilities How centralized site design can be easily achieved How to add e-commerce functionality to a site Methods for enhancing an application's performance Who this book is for This book is for anyone new to web programming who wants to program dynamic, feature-rich web applications in ASP.NET 2.0. It will also be ideal for programmers seeking to upgrade their ASP 3 knowledge to ASP.NET, or programmers from non-Microsoft web disciplines who need to learn ASP.NET 2.0. Wrox Beginning guides are crafted to make learning programming languages and technologies easier than you think, providing a structured, tutorial format that will guide you through all the techniques involved. Ajax is one of the hottest changes in Web development methods in years; Microsoft's ASP.NET 2.0 AJAX (formerly known as "Atlas") provides Ajax add-ins for ASP.NET developers, and this comprehensive Wrox reference offers coverage of all the ASP.NET 2.0 AJAX pieces Readers will find the hands-on, code-based technical discussions they need on ASP.NET 2.0 AJAX client-side Framework, writing OO-style JavaScript code, using ASP.NET 2.0 AJAX client-side controls, ASP.NET 2.0 AJAX XML, and advanced ASP.NET 2.0 AJAX topics including how

ASP.NET 2.0 AJAX uses the ASP.NET 2.0 server control architecture ASP.NET developers will learn to add Ajax techniques into the ASP.NET applications by prebuilding some of the underlying components and using a standardized tool-set Market_Desc: Beginners who have no previous experience in ASP, VB or C#, XML, OOP, or the .NET framework. A little knowledge of HTML is useful but not required. All the concepts readers need to create dynamic ASP.NET 2 web sites are presented in the book. Secondly, many ASP 3 users who have no experience with ASP.NET 1.x will make the jump to ASP.NET 2 with this book. Special Features: · Wrox! Updated bestseller: Previous editions on ASP.NET 1.0 sold over 58,000 units from Nov 2001 to June 2004.· Star author team: Ullman, Sussman, Kauffman, and Hart have written multiple editions of multiple ASP and ASP.NET Wrox books and are recognized as some of the best experts in the field· Easier to use, task based book: the new Visual Web Developer tool used in the book makes it easier for beginners to focus on creating their sites and the task-based book approach focuses on how users create a site· Expect increased beginner interest in ASP.NET 2: New ease of use features in 2.0 cut the number of lines of code needed by as much as 75% and the new visual tool (Visual Web Developer) will encourage many new beginning users to start using ASP.NET 2 About The Book: This book continues the strong Wrox Beginning tradition with an approach featuring numerous detailed examples, step by step teaching, and clear explanations of how each key bit of code works. The book takes a task oriented approach, teaching readers how to build a specific part of a complete web site. With the introduction of the Visual Web Developer tool, there's no need for ASP.NET coders - especially beginners - to hand code any pages. In fact, starting an ASP.NET 2.0 site with Visual Web Developer is so easy that the first several chapters of the book can be done with very little code at all. When the book does get to more code intensive chapters in the 2nd half of the book, the authors do their best to show readers the minimum amount of code they need to write to accomplish a task, continuing to work as much as possible with the tools built into Visual Web Developer. * Written by a member of the original C# language design team and C#

Program Manager; contains the expertise that pro C# programmers want. * Follows the successful first and second editions; one of the earliest practical books for developers using C# 2.0. * Introduces developers to critical new language elements introduced in C# 2.0, including generics, iterators, and partial classes. * Good introduction to C#. Make it easy to find the class library details that are essential to every .NET Framework developer—with four full-color posters. Created by .NET expert Jeffrey Richter, each poster includes an easy-to-scan class derivation hierarchy of the most useful types, a comprehensive list of value types, an interface cross-reference map, and an assembly cross-reference map. Keep them on your wall as quick references that you'll use again and again to find important class library details and relationships in the .NET Framework 2.0.

Windows Forms 2.0 Programming is the successor to the highly praised Windows Forms Programming in C#. This edition has been significantly updated to amalgamate the sheer mass of new and improved support that is encompassed by Windows Forms 2.0, the .NET Framework 2.0, and Visual Studio 2005. This is the one book developers need in order to learn how to build and deploy leading-edge Windows Forms 2.0 applications. Readers will gain a deep understanding from Sells and Weinhardt's practical, well-balanced approach to the subject and clear code samples.

- Windows Forms 2.0 fundamentals, including forms, dialogs, data validation, help, controls, components, and rendering
- Static and dynamic layout, snap lines, HTML-style flow and table layout, automatic resizing, and automatic cross-DPI scaling
- Office 2003-style tool strip control coverage, including dynamic layout and custom rendering
- Design-time integration with the Visual Studio 2005 Properties Window and Smart Tags
- Resource management, strongly typed resources, and internationalization considerations
- Strongly typed application and user settings
- SDI, MDI, Single Instancing, Multiple-Instance SDI, Single-Instance MDI, database-centric, and document-centric applications
- Databinding data-source management, drag-and-drop databinding, the BindingSource, the BindingNavigator, and applied databinding
- Events, delegates, multithreaded UIs, long-running

operations, simplified multithreading with the BackgroundWorker, and asynchronous web service calls

- ClickOnce application development
- publishing, shell integration, and partial trust security
- Best practices for developers transitioning from Windows Forms 1.0 and MFC

A veteran hockey writer takes on hockey culture and the NHL--addressing the games most controversial issue Whether its on-ice fist fights or head shots into the glass, hockey has become a nightly news spectacle--with players pummeling and bashing each other across the ice like drunken gladiators. And while the NHL may actually condone on-ice violence as a ticket draw, diehard hockey fan and expert Adam Proteau argues against hockeys transformation into a thuggish blood sport. In Fighting the Good Fight, Proteau sheds light on the many perspectives of those in and around the game, with interviews of current and former NHL stars, coaches, general managers, and league executives, as well as medical experts. One of the most well-known media figures on the hockey scene today, famous for his funny, feisty observations as a writer for the Toronto Star and The Hockey News and commentator on CBC radio and TV, Adam Proteau is also one of the few mainstream media voices who is vehemently anti-fighting in hockey. Not only is his book a plea to the games gatekeepers to finally clamp down on the runaway violence that permeates the sport even at its highest level, he offers realistic suggestions on ways to finally clean the game up.

- Includes interviews with medical experts on head injuries and concussions, as well as with other members of the media
- The author not only wages an attack on the value of fighting in hockey--but also on the establishment hockey culture

Covering the most polarizing issue in hockey today, Fighting the Good Fight gives hockey fans and sports lovers everywhere a reason to stamp their feet and whistle--at a rare display of eloquence and common sense. You don't need coddling; you don't need to be told what you already know. What you need is a book that uses your experience as a Java or C++ programmer to give you a leg up into the challenges and rewards of C#. And this Practical Guide is precisely what you're after. Written by a team that boasts extensive experience teaching C# to professionals, this book provides a practical, efficient explanation of the

language itself, covering basic to advanced features and calling out all that's new in 2.0. Its instruction is always firmly situated within the context of the .NET framework and bolstered by code examples, key lessons in object-oriented programming, and installments of a realistic application programming tutorial. Concise and incisive, this is the best way to master the world's fastest-growing and most marketable programming language. Features: Provides a carefully focused explanation of every aspect of the C# language, including entire chapters on the unified type system, advanced types, collections, generics, reflection and attributes. Highlights all features new to the latest version of C# and organizes its presentation of C# according to the key principles of object-oriented programming and the .NET framework. Using end-of-chapter exercises, incrementally develops a cohesive application programming tutorial. Provides a carefully focused explanation of every aspect of the C# language, including entire chapters on the unified type system, advanced types, collections, generics, reflection and attributes. Highlights all features new to the latest version of C# and organizes its presentation of C# according to the key principles of object-oriented programming and the .NET framework. Using end-of-chapter exercises, incrementally develops a cohesive application programming tutorial. This proceedings volume of the 17th European Symposium on Programming examines fundamental issues in the specification, analysis and implementation of programming languages and systems, including static analysis, security, concurrency and program verification. This book constitutes the refereed proceedings of the 9th Pacific Rim International Workshop on Multi-Agents, PRIMA 2006, held in Guilin, China, in August 2006. The book presents 39 revised full papers and 57 revised short papers together with 4 invited talks, addressing subjects from theoretical and methodological issues to applications. Topics include agent models, agent architectures, agent-oriented software engineering, semantic Web service, collaboration, coordination and negotiation, and more. "If you're interested in developing for this burgeoning platform, there is no one better able to get you up-to-speed." -From the Foreword by Rob Tiffany, mobility

architect, Microsoft Completely revised and updated for .NET Compact Framework 2.0 and 3.5, Visual Studio 2008, and Windows Mobile Smart Phones, Programming .NET Compact Framework 3.5, Second Edition, teaches you how to write highly effective applications for handheld wireless devices with small screens, limited memory, and finite battery life. This book is the definitive tutorial and reference for the .NET Compact Framework and Windows Mobile. If you're interested in developing for this burgeoning platform, there is no one better able to get you up to speed than industry veterans, master programmers, and teachers Paul Yao and David Durant. With this book you will learn how to Use each of the ten API sets available for Windows Mobile; when to use each; and, especially, when to use Win32 and the .NET Compact Framework 2.0 and 3.5 Write programs that make the most of a Windows Mobile device's limited battery life Efficiently invoke Win32 APIs from the .NET Compact Framework Write exceptional, data-driven applications using data binding and .NET controls Manage device data with the object store, file I/O, and the registry Work with databases using ADO.NET and LINQ Synchronize mobile data with remote databases and the remote API Make a mobile device work with the Windows Communication Foundation (WCF) Create graphical output on Windows Mobile devices If you want to learn Windows Mobile development but only have limited experience with the .NET Framework, this is the only book you need. What is this book about? XPath 2.0 Programmer's Reference is the only authoritative reference on XPath, a sub-language within XSLT that determines which part of an XML document the XSLT transforms. Written for professional programmers who use XML every day but find the W3C XPath specifications tough to slog through, this book explains in everyday language what every construct in the language does and how to use it. It also offers background material on the design thinking behind the language, gentle criticism of the language specification when appropriate, and a diverse range of interesting examples in various application areas. ThePACAPPrototype:AToolforDetectingJavaCardIllegalFlow 25 P. Bieber,J. Cazin,A. ElMarouani,P. Girard,J. -L. Lanet,V. Wiels, G. Zanon

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