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Windows 8 and Windows Phone 8 Game Development Adam Dawes,2013-08-19 Creating fun, sophisticated games for Windows devices large or small has never been easier! With masses of example code and fully working games for you to download and run straight away Windows 8 and Windows Phone 8 Game Development is your ideal first step into modern games development. This book gives you everything you need to realize your dreams and produce fantastic games that will run on all Windows 8 devices from desktops to tablets to phones. You can code once and run everywhere. The ubiquity of Windows 8 devices makes this opportunity to good to miss! The Windows 8 and Windows Phone 8 platforms have huge potential for gaming. New form-factors - such as the Surface tablet - coupled with improved processors and higher screen resolutions combine to make Windows 8 the best Windows version yet for independent games development. It's never been easier to create a fantastic game, package it up and deploy it straight to the Windows Store with its audience of millions. This book will show you how.

C# 12 and .NET 8 – Modern Cross-Platform Development Fundamentals Mark J. Price,2023-11-14 An accessible guide for beginner-to-intermediate programmers to the concepts, real-world applications, and latest features of C# 12 and .NET 8, with hands-on exercises using Visual Studio 2022 and Visual Studio Code. Purchase of the print or Kindle book includes a free PDF eBook Key Features Explore the latest additions to C# 12, the .NET 8 class libraries, and Entity Framework Core 8 Create professional websites and services with ASP.NET Core 8 and Blazor Build your confidence with step-by-step code examples and tips for best practices Book DescriptionThis latest edition of the bestselling Packt series will give you a solid foundation to start building projects using modern C# and .NET with confidence. You'll learn about object-oriented programming; writing, testing, and debugging functions; and implementing interfaces. You'll take on .NET APIs for managing and querying data, working with the fi lesystem, and serialization. As you progress, you'll explore examples of cross-platform projects you can build and deploy, such as websites and services using ASP.NET Core. This latest edition integrates .NET 8 enhancements into its examples: type aliasing and primary constructors for concise and expressive code. You'll handle errors robustly through the new built-in guard clauses and explore a simplified implementation of caching in ASP.NET Core 8. If that's not enough, you'll also see how native ahead-of-time (AOT) compiler publish lets web services reduce memory use and run faster. You'll work with the seamless new HTTP editor in Visual Studio 2022 to enhance the testing and debugging process. You'll even get introduced to Blazor Full Stack with its

new unified hosting model for unparalleled web development flexibility.What you will learn Discover C# 12's new features, including aliasing any type and primary constructors Try out the native AOT publish capability for ASP.NET Core 8 Minimal APIs web services Build rich web experiences using Blazor Full Stack, Razor Pages, and other ASP.NET Core features Integrate and update databases in your apps using Entity Framework Core models Query and manipulate data using LINQ Build and consume powerful services using Web API and Minimal API Who this book is forThis book is for beginners as well as intermediate-level C# and .NET programmers who have worked with C# in the past and want to catch up with the changes made in the last few years. Prior exposure to C# or .NET is not a prerequisite. A general understanding of programming will help you to work through the book more comfortably, though the content is suitable for those completely new to programming. If you already have some C# and .NET skills and want to focus on developing practical apps, you can pick up Mark's other .NET book, Apps and Services with .NET 8, instead.

Introduction to Internet Explorer 11 Gilad James, PhD, Microsoft Internet Explorer 11 is a web browser that was released in 2013 as part of the Windows 8.1 operating system. Internet Explorer 11 is the final version of the browser and is designed to provide users with a faster, more reliable browsing experience while also offering increased security. The browser contains many features that make it a popular choice for users, including an improved user interface, support for modern web standards, and various tools for managing and customizing one's browsing experience. One of the key advantages of Internet Explorer 11 is its improved performance. The browser offers faster page load times, smoother scrolling, and improved support for web technologies such as HTML5 and CSS3. Additionally, the browser includes various security features that help protect users from malicious websites and phishing attacks. These features include SmartScreen Filter, which helps to block harmful websites, and Enhanced Protected Mode, which reduces the risk of browser-based exploits. Overall, Internet Explorer 11 offers a fast, reliable, and secure browsing experience that has made it a popular choice for users around the world.

OpenJDK Cookbook Alex Kasko,Stanislav Kobylyanskiy,Alexey Mironchenko,2015-01-30 If you are an experienced Java developer using Java 7 platform and want to get your grips on OpenJDK for Java development, this is the book for you. JDK users who wish to migrate to OpenJDK will find this book very useful.

C#: A Beginner's Tutorial Jayden Ky,2013-11-12 Designed as a beginner's tutorial to the latest version of C#, this informative guide discusses the most important features of the language and

teaches how to use the .NET Framework. Written with clarity and readability in mind, it introduces important programming concepts and explains the process of building real-world applications, both desktop and web-based. With the most comprehensive coverage possible in a book for beginners, it includes such topics as C# language syntax, object-oriented programming, working with numbers and dates, error handling, input output, generics, annotations, database access, security, and application deployment.

ASP.NET Core 8 and Angular Valerio De Sanctis,2024-02-28 Build robust, scalable web applications using ASP.NET Core 8, Angular, and Entity Framework Core Purchase of the print or Kindle book includes a free PDF eBook Key Features Combine ASP.NET Core and Angular to build highly versatile web applications Create a production-ready Single-Page Application (SPA) or Progressive Web Application (PWA) Adopt a full-stack approach to handle data management, API documentation, Web APIs, end-to-end testing, security, and deployment Book DescriptionIf you want to learn how to use ASP.NET Core with Angular effectively, this hands-on guide is for you. Improve the way you create, debug, and deploy web applications while keeping up to date with the latest developments in .NET 8 and modern Angular, including .NET Minimal APIs and the new Angular standalone API defaults. You'll begin by setting up SQL Server 2022 and building a data model with Entity Framework Core. You'll progress to fetching and displaying data, handling user input with Angular reactive forms, and implementing front-end and back-end validators for maximum effect. After that, you will perform advanced debugging and explore unit testing features with xUnit for .NET, and Jasmine and Karma for Angular. You'll use Identity API endpoints in ASP.NET Core and functional route guards in Angular to add authentication and authorization to your apps. Finally, you'll learn how to deploy to Windows, Linux, and Azure. By the end of this book, you will understand how to tie together the front-end and back-end to build and deploy secure and robust web applications.What you will learn Explore the new Angular and ASP.NET Core template with Visual Studio 2022 Use modern interfaces and patterns such as the HTML5 pushState API, webhooks, and UI data bindings Add real-time capabilities to Angular apps with SignalR and gRPC Implement authentication and authorization using JWTs Perform DBMS structured logging using providers such as SeriLog Convert a standard web application to a progressive web application (PWA) Deploy an Angular app to Azure Static Web Apps Add GraphQL support to back-end and front-end using HotChocolate and Apollo Angular Who this book is for This book is for developers who have some familiarity with ASP.NET Core and Angular and want to learn how to use them effectively together.

Visual Basic: A Beginner's Tutorial Jayden Ky,2014-06-16 Designed as a beginner's tutorial to the latest version of Visual Basic, this informative guide discusses the most important features of the language and teaches how to use the .NET Framework. Written with clarity and readability in mind, it introduces important programming concepts and explains the process of building real-world applications, both desktop and web-based. With the most comprehensive coverage possible in a book for beginners, it includes such topics as VB language syntax, object-oriented programming, working with numbers and dates, error handling, input output, generics, annotations, database access, security, and application deployment.

Apps and Services with .NET 8 Mark J. Price,2023-12-12 Bestselling author Mark Price is back to guide you through the latest and most common technologies a .NET developer should know: Blazor Full Stack, ASP.NET Core MVC, ASP.NET Core Minimal APIs, .NET MAUI, gRPC, GraphQL, SQL Server, Cosmos DB, SignalR, Azure Functions, and more! Purchase of the print or Kindle book includes a free eBook in PDF format. Key Features Use specialized libraries to improve all aspects of your apps, including performance, security, and localization Harness the full potential of .NET using cloud-native data stores like Cosmos DB, and unlock scalability, performance, and resilience in your service implementations Unleash the capabilities of Blazor Full Stack and.NET MAUI to develop stunning, truly cross-platform apps for web and mobile Book DescriptionElevate your practical C# and .NET skills to the next level with this new edition of Apps and Services with .NET 8. With chapters that put a variety of technologies into practice, including Web API, gRPC, GraphQL, and SignalR, this book will give you a broader scope of knowledge than other books that often focus on only a handful of .NET technologies. You'll dive into the new unified model for Blazor Full Stack and leverage .NET MAUI to develop mobile and desktop apps. This new edition introduces the latest enhancements, including the seamless implementation of web services with ADO.NET SqlClient's native Ahead-of-Time (AOT) support. Popular library coverage now includes Humanizer and Noda Time. There's also a brand-new chapter that delves into service architecture, caching, queuing, and robust background services. By the end of this book, you'll have a wide range of best practices and deep insights under your belt to help you build rich apps and efficient services.What you will learn Familiarize yourself with a variety of technologies to implement services, such as gRPC and GraphQL Store and manage data locally and cloud-natively with SQL Server and Cosmos DB Use ADO.NET SqlClient to implement web services with native AOT publish support Leverage Dapper for improved performance over EF Core Implement popular third-party libraries such as Serilog, FluentValidation, Humanizer, and Noda Time

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Expert Data Modeling with Power BI Soheil Bakhshi,Christian Wade,2023-04-28 Take your Power BI reports to the next level by learning various data modeling techniques and leveraging the latest features of Power BI effectively Purchase of the print or Kindle book includes a free eBook in PDF format. Key Features Get an understanding of data modeling techniques using Power BI with this up-to-date guide Learn how to define the relationships between data sets to extract valuable insights Explore best practices for data preparation and modeling and build optimal data models to solve a wide variety of real-world business challenges Book Description This book is a comprehensive guide to understanding the ins and outs of data modeling and how to create full-fledged data models using Power BI confidently. In this new, fully updated edition, you'll learn how to connect data from multiple sources, understand data, define and manage relationships between data, and shape data models to gain deep and detailed insights about your organization. As you advance through the chapters, the book will demonstrate how to prepare efficient data models in the Power Query Editor and use simpler DAX code with new data modeling features. You'll explore how to use the various data modeling and navigation techniques and perform custom calculations using the modeling features with the help of real-world examples. Finally, you'll learn how to use some new and advanced modeling features to enhance your data models to carry out a wide variety of complex tasks. Additionally, you'll learn valuable best practices and explore common data modeling complications and the solutions to supercharge the process of creating a data model in Power BI and build better-performing data models. By the end of this Power BI book, you'll have gained the skills you need to structure data coming from multiple sources in different ways to create optimized data models that support high-performing reports and data analytics. What you will learn Implement virtual tables and time intelligence functionalities in DAX to build a powerful model Identify Dimension and Fact tables and implement them in Power Query Editor Deal with advanced data preparation scenarios while building Star Schema Discover different hierarchies and their common pitfalls Understand complex data models and how to decrease the level of model complexity with different approaches Learn advanced data modeling techniques such as calculation groups, aggregations, incremental refresh, RLS/OLS, and

more Get well-versed with datamarts and dataflows in PowerBI Who this book is for This MS Power BI book is for BI users, data analysts, and analysis developers who want to become well-versed with data modeling techniques to make the most of Power BI. Basic working knowledge of Power BI and the Star Schema functionality are required to help you to understand the concepts covered in this book.

Windows Server 2008 R2 Unleashed Rand Morimoto,Michael Noel,Omar Droubi,Ross Mistry,Chris Amaris,2010-01-07 Windows Server 2008 R2 Unleashed is the most comprehensive and realistic guide to planning, design, prototyping, implementation, migration, administration, and support. Based on the authors' unsurpassed experience working with Windows Server 2008 R2 since its earliest alpha releases, it offers indispensable guidance drawn from hundreds of production environments. Microsoft MVP Rand Morimoto and his colleagues systematically introduce Windows Server 2008 R2 to IT professionals, identifying R2's most crucial enhancements and walking through every step of installation and configuration. Next, they present comprehensive coverage of every area of Windows Server 2008 R2, including Active Directory, networking services, security, R2 migration from Windows Server 2003 and 2008, administration, fault tolerance, optimization and troubleshooting, core application services, and more. The authors thoroughly address major Windows Server 2008 R2 enhancements and present extensive coverage of R2 innovations ranging from Hyper-V virtualization to DirectAccess and the enhancements in Failover Clustering. Every chapter contains tips, tricks, and best practices learned from actual deployments: practical information for using Windows Server 2008 R2 to solve real business problems. Detailed information on how to... Plan and migrate from Windows Server 2003/2008 to Windows Server 2008 R2 and use R2's new server migration tools Manage Active Directory with Active Directory Administrative Center, Best Practice Analyzer, and PowerShell scripts Use R2's updated security tools and templates to lock down servers, clients, and networks Maximize availability with Windows Server 2008 R2 clustering, fault tolerance, and replication Streamline client management with new Group Policy ADMX settings and management tools Improve remote access using DirectAccess, Remote Desktop Services (formerly Terminal Services), and Virtual Desktop Infrastructure Implement Hyper-V virtualization including the built-in Live Migration technology Leverage add-ons such as Windows SharePoint Services, Windows Media Services, and IIS 7.5

Beginning Kinect Programming with the Microsoft Kinect SDK Jarrett Webb,James Ashley,2012-06-12 Beginning Kinect Programming with the Microsoft Kinect SDK gets you up and running developing Kinect applications for your PC using Microsoft tools and the official SDK. You will have a working Kinect program by the end of the first chapter! The following chapters will open up the

secrets of three-dimensional vision, skeleton tracking, audio through the Kinect, and more. Examples illustrate the concepts in the form of simple games that react to your body movements. The result is a fun read that helps you learn one of the hottest technologies out there today. Beginning Kinect Programming with the Microsoft Kinect SDK also provides building blocks and ideas for mashing up the Kinect with other technologies to create art, interactive games, 3D models and enhanced office automation. You'll learn the fundamental code basic to almost all Kinect applications. You'll learn to integrate that code with other tools and manipulate data to create amazing Kinect applications. Beginning Kinect Programming with the Microsoft Kinect SDK is your gateway into the exciting world of three-dimensional, real-time computer interaction. Helps you create a proper development environment for Kinect applications. Covers the basics of three-dimensional vision, skeleton tracking, gesture recognition, and audio Provides fun examples that keep you engaged and learning

Apps and Services with .NET 7 Mark J. Price,2022-11-15 Bestselling author Mark Price is back to guide you through the coolest and most common technologies a .NET developer should know: Blazor, .NET MAUI, gRPC, GraphQL, SQL Server, Cosmos DB, OData, SignalR, Azure Functions, and more! Purchase of the print or Kindle book includes a free eBook in PDF format. Key FeaturesBuild services using a variety of technologies including Web API, OData, gRPC, GraphQL, SignalR, and Azure FunctionsLearn how to use specialized libraries to improve all aspects of your applications, including performance and localizationLeverage .NET MAUI to develop cross-platform desktop and mobile apps with easeBook Description Apps and Services with .NET 7 is for .NET 6 and .NET 7 developers who want to kick their C# and .NET understanding up a gear by learning the practical skills and knowledge they need to build real-world applications and services. It covers specialized libraries that will help you monitor and improve performance, secure your data and applications, and internationalize your code and apps. With chapters that put a variety of technologies into practice, including Web API, OData, gRPC, GraphQL, SignalR, and Azure Functions, this book will give you a broader scope of knowledge than other books that often focus on only a handful of .NET technologies. It covers the latest developments, libraries, and technologies that will help keep you up to date. You'll also leverage .NET MAUI to develop mobile apps for iOS and Android as well as desktop apps for Windows and macOS. What you will learnLearn how to build more efficient, secure, and scalable apps and servicesLeverage specialized .NET libraries to improve your applicationsImplement popular third-party libraries like Serilog and FluentValidationBuild cross-platform apps with .NET MAUI and integrate with native mobile featuresGet familiar with a variety of technologies for implementing services like gRPC and

GraphQLExplore Blazor WebAssembly and use open-source Blazor component librariesStore and manage data locally and in the cloud with SQL Server and Cosmos DBWho this book is for This book is for .NET developers interested in exploring more specialized libraries and implementation fundamentals behind building services and apps. You'll need to know your way around .NET and C# quite well before you can dive in, so if you want to work your way up to this book, pick up Mark's other .NET book, C# 11 and .NET 7 – Modern Cross-Platform Development Fundamentals, first.

Getting Started with Microsoft System Center Operations Manager Kevin Greene,2016-06-30 A beginner's guide to help you design, deploy and administer your System Center Operations Manager 2016 and 2012 R2 environments About This Book Discover how to monitor complex IT environments with System Center Operations Manager using tips, tricks and best practice recommendations from industry experts. Learn how to create eye-catching dashboards and reports to help deliver a tangible return on investment back to your organization. Optimize, troubleshoot and perform disaster recovery in Operations Manager using step by step examples based on real-world scenarios. Who This Book Is For The target audience for this book is the IT Pro or System Administrator who wants to deploy and use System Center Operations Manager but has no previous knowledge of the product. As a 'Getting Started' book, our primary objective is to equip you with the knowledge you need to feel comfortable when working with common monitoring scenarios in OpsMgr. With this in mind, deep-diving into less-common OpsMgr features such as Audit Collection Services (ACS), Agentless Exception Monitoring (AEM) and Application Performance Monitoring (APM) has been intentionally omitted. What You Will Learn Install a new System Center 2016 Operations Manager Management Group Design and provision custom views to relevant support teams. Understand how to deploy agents Work with management packs Monitor network devices Model your IT services with distributed applications Create dashboards and custom visualizations Tune, optimize, maintain and troubleshoot System Center Operations Manager In Detail Most modern IT environments comprise a heterogeneous mixture of servers, network devices, virtual hypervisors, storage solutions, cross-platform operating systems and applications. All this complexity brings a requirement to deliver a centralized monitoring and reporting solution that can help IT administrators quickly identify where the problems are and how best to resolve them. Using System Center Operations Manager (OpsMgr), administrators get a full monitoring overview of the IT services they have responsibility for across the organization - along with some useful management capabilities to help them remediate any issues they've been alerted to. This book begins with an introduction to OpsMgr and its core concepts and then walks you through

designing and deploying the various roles. After a chapter on exploring the consoles, you will learn how to deploy agents, work with management packs, configure network monitoring and model your IT services using distributed applications. There's a chapter dedicated to alert tuning and another that demonstrates how to visualize your IT using dashboards. The final chapters in the book discuss how to create alert subscriptions, manage reports, backup and recover OpsMgr, perform maintenance and troubleshoot common problems. Style and approach A beginner's guide that focuses on providing the practical skills required to effectively deploy and administer OpsMgr with walkthrough examples and tips on all the key concepts.

CompTIA A+ Complete Study Guide Quentin Docter,Jon Buhagiar,2019-04-10 The definitive Sybex guide to A+ certification, fully updated for the latest exams The CompTIA A+ Complete Study Guide, Fourth Edition is your ultimate preparation guide for Exams 220-1001 and 220-1002. Covering 100 percent of the objectives for both exams, this book gets you up to speed on essential A+ knowledge and skills. Master the critical competencies associated with hardware and software, system maintenance, troubleshooting, connectivity, and more—with practical examples drawn from real-world experience, you'll develop the skill set employers demand in today's IT environment. End-of-chapter reviews help you gauge your progress and stay on track for success, while exam highlights give you a sneak preview of what to expect on the big day. You also get access to the Sybex online test bank, featuring electronic flashcards, a searchable glossary, and 4 practice exams to help you study from anywhere, any time—track your progress and test your understanding with interactive study tools. CompTIA A+ certification is the industry-leading standard for IT professionals. Hundreds of companies require their computer technicians to hold this valuable credential. Now in its fourth edition, this revised and updated study guide includes expanded coverage of virtualization and cloud computing, mobile hardware installation, network security, and more, to reflect the latest changes in the A+ exam. Providing all the information you need to earn your A+ certification, this invaluable resource will help you: Master the basics of hardware, software, and peripherals Understand and troubleshoot network connectivity issues Install and configure Windows, iOS, Android, Apple OSX, and Linux operating systems The CompTIA A+ Complete Study Guide, Fourth Edition arms you with the tools and knowledge necessary to take your skills to the next level. Whether a first-time candidate or IT professional in need of recertification, this essential study guide will help you prepare, practice, and pass with minimal burden and maximum results.

Mobile Computing Deployment and Management Robert J. Bartz,2015-02-10 Mobile computing

skills are becoming standard in the IT industry Mobile Computing Deployment and Management: Real World Skills for CompTIA Mobility+ Certification and Beyond is the ultimate reference for mobile computing. Certified Wireless Network Expert Robert J. Bartz guides IT and networking professionals through the fundamental and advanced concepts of mobile computing, providing the information and instruction necessary to get up to speed on current technology and best practices. The book maps to the CompTIA Mobility+ (MB0-001) exam, making it an ideal resource for those seeking this rewarding certification. The mobile device has already overshadowed the PC as a primary means for Internet access for a large portion of the world's population, and by 2020, there will be an estimated 10 billion mobile devices worldwide. Mobile connectivity has become the new standard for business professionals, and when combined with cloud computing, it creates a world where instant access is the norm. To remain relevant, IT professionals must hone their mobile skills. The ability to manage, develop, and secure a mobile infrastructure is quickly becoming a key component to entering the IT industry, and professionals lacking those skills will be left behind. This book covers all aspects of mobile computing, including: Radio frequency, antenna, and cellular technology Physical and logical infrastructure technologies Common mobile device policies and application management Standards and certifications, and more Each chapter includes hands-on exercises, real-world examples, and in-depth guidance from the perspective of a mobile computing expert. IT professionals looking to expand their capabilities need look no further than Mobile Computing Deployment and Management: Real World Skills for CompTIA Mobility+ Certification and Beyond for the most comprehensive approach to mobile computing on the market today.

Pro SharePoint 2010 Development for Office 365 Dave Milner,Bart McDonough,Paul Stork,2012-12-31 It's no secret that cloud-based computing is the next big movement in IT, and Microsoft is right there in the market with Office 365—a cloud-based productivity suite which includes a hosted, cloud-focused version of SharePoint 2010. SharePoint 2010 developers who have traditionally developed for on-premise environments will suddenly find themselves being asked to develop for the cloud. While there is a lot of overlap between cloud-based and traditional SharePoint development, there are also some important differences and considerations that must be taken into account as well. In particular, the proliferation of cloud-based solutions was a driving force behind certain new features in SharePoint 2010, like sandboxed solutions and the new client object model. As the devil is always in the details, Pro SharePoint 2010 Development for Office 365 helps you navigate the changes and develop compelling applications and solutions for SharePoint Online in Office 365. Authors Dave

Milner, Bart McDonough, and Paul Stork bring to the table decades of experience in real-world development of solutions for customers—expertise that is the practical result of what works in real-world customer environments. This proven team will cover with you the architectural landscape that SharePoint in the cloud represents, discuss the steps in setting up a development environment, and cover multiple real-world development approaches, technologies, and considerations.

Beginning F# Robert Pickering,2011-01-27 Functional programming is perhaps the next big wave in application development. As experienced developers know, functional programming makes its mark by allowing application builders to develop solutions to complicated programming situations cleanly and efficiently. A rich history of functional languages, including Erlang and OCaml, leads the way to F#, Microsoft's effort to bring the elegance and focus of functional programming into the world of managed code and .NET. With Beginning F#, you have a companion that that will help you explore F# and functional programming in a .NET environment. This book is both a comprehensive introduction to all aspects of the language and an incisive guide to using F# for real-world professional development. Reviewed by Don Syme, the chief architect of F# at Microsoft Research, Beginning F# is a great foundation for exploring functional programming and its role in the future of application development.

Professional XNA Game Programming Benjamin Nitschke,2007-05-22 You haven't experienced the full potential of Xbox 360 or Windows until you've created your own homebrewed games for these innovative systems. With Microsoft's new XNA Framework, the only thing limiting you is your imagination. Now professional game developer and Microsoft DirectX MVP Benjamin Nitschke shows you how to take advantage of the XNA Game Studio Express tools and libraries in order to build cutting-edge games. Whether you want to explore new worlds or speed down a city block in a souped up dragster, this book will get you up and running quickly. You'll learn how to implement 3D models, generate huge landscapes, map cool-looking shaders to your 3D objects, and much more. Nitschke also steps you through the development of your first fully functional racing game. You'll then be able to apply this information as you write your own XNA cross-platform games. What you will learn from this book Tricks for managing the game engine and user interface How to program an old school shooter game and space adventure Tips for improving racing game logic and expanding your game ideas Methods for integrating amazing visual effects using advanced shader techniques Steps for adding sound and music with XACT-bringing your game to life How to fine-tune and debug your game for optimal performance Who this book is for This book is for anyone who wants to write their own games for the Xbox 360 or Windows platforms. You should have some experience coding with C# or a similar

.NET language. 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.

Pro Entity Framework Core 2 for ASP.NET Core MVC Adam Freeman,2018-04-18 Model, map, and access data effectively with Entity Framework Core 2, the latest evolution of Microsoft's object-relational mapping framework. You will access data utilizing .NET objects via the most common data access layer used in ASP.NET Core MVC 2 projects. Best-selling author Adam Freeman explains how to get the most from Entity Framework Core 2 in MVC projects. He begins by describing the different ways that Entity Framework Core 2 can model data and the different types of databases that can be used. He then shows you how to use Entity Framework Core 2 in your own MVC projects, starting from the nuts and bolts and building up to the most advanced and sophisticated features, going in-depth to give you the knowledge you need. Chapters include common problems and how to avoid them. What You'll Learn Gain a solid architectural understanding of Entity Framework Core 2 Create databases using your MVC data model Create MVC models using an existing database Access data in an MVC application using Entity Framework Core 2 Use Entity Framework in RESTful Web Services Who This Book Is For ASP.NET Core MVC 2 developers who want to use Entity Framework Core 2 as the data access layer in their projects

Beginning T–SQL Kathi Kellenberger,Scott Shaw,2014-08-18 Beginning T-SQL is a performance-oriented introduction to the T-SQL language underlying the Microsoft SQL Server database engine. T-SQL is essential in writing SQL statements to get data into and out of a database. T-SQL is the foundation for business logic embedded in the database in the form of stored procedures and functions. Beginning T-SQL starts you on the path to mastering T-SQL, with an emphasis on best-practices and sound coding techniques leading to excellent performance. This new edition is updated to cover the essential features of T-SQL found in SQL Server 2014, 2012, and 2008. Beginning T-SQL begins with an introduction to databases, normalization, and to SQL Server Management Studio. Attention is given to Azure SQL Database and how to connect to remote databases in the cloud. Each subsequent chapter teaches an aspect of T-SQL, building on the skills learned in previous chapters. Exercises in most chapters provide an opportunity for the hands-on practice that leads to true learning and distinguishes the competent professional. Important techniques such as windowing functions are covered to help write fast executing queries that solve real business problems. A stand-out feature in

this book is that most chapters end with a Thinking About Performance section. These sections cover aspects of query performance relative to the content just presented. They'll help you avoid beginner mistakes by knowing about and thinking about performance from Day 1. Imparts best practices for writing T-SQL Helps you avoid common errors Shows how to write scalable code for good performance

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