

## Installshield 2010 Limited Edition

Après une description de l'environnement de développement (Visual Studio 2012), le lecteur découvrira les bases de la programmation orientée objet avec C#. Il évoluera de façon progressive vers sa mise en oeuvre avec le développement d'applications Windows Form. Les nouveautés de ce langage concernant la programmation asynchrone lui permettront d'améliorer les performances et la réactivité des applications. Les nombreux exemples et les conseils sur l'utilisation des outils de débogage lui fourniront une aide précieuse pendant la mise au point d'une application. Un chapitre consacré à l'accès aux bases de données à l'aide de ADO.NET et de SQL permettra d'évoluer vers le développement d'applications client-serveur. Les puissantes fonctionnalités de LINQ sont présentées et détaillées pour faciliter l'accès et la manipulation des données. L'utilisation du langage XML est également présentée, celui-ci permettant de faciliter l'échange d'informations avec d'autres applications. Les utilisateurs des versions précédentes découvriront les nouveautés et améliorations de cette version 2012 pour développer encore plus rapidement et facilement des applications pour le framework NET 4.5. La distribution d'une application est présentée avec l'utilisation de Windows Installer et de la technologie Click Once.

Over 55 hands-on recipes covering the key aspects of a successful App-V deployment  
About This Book Deploy a resilient App-V infrastructure Combine App-V with Remote

Desktop Services, Citrix XenDesktop, and System Center Configuration Manager Discover Shared Content Store Mode, Scripting, and Connection Groups to extend your deployment Who This Book Is For If you have some experience with App-V but are overwhelmed by the range of features on offer, then this book is for you. A basic understanding of App-V and common Windows Server technologies (Active Directory/Group Policy/PowerShell) is necessary. What You Will Learn Deploy a full App-V infrastructure Deploy App-V clients and prerequisites Leverage connection groups to combine App-V packages Reduce hardware requirements for your Remote Desktop Session Hosts Extend the use of your investments in Microsoft System Center Configuration Manager Discover which applications your users are running Resolve issues with your deployment quickly Customize App-V packages to your needs Scale out your App-V infrastructure to accommodate increasing requirements In Detail With an ever-increasing number of applications being deployed in the workplace, Microsoft App-V 5 enables administrators to abstract these applications from clients, in turn reducing the time taken to complete the software deployment lifecycle. Part of the Microsoft Desktop Optimization Pack, App-V 5 centralizes the management of applications with a variety of deployment methods to suit each environment. With this hands-on Cookbook, you will learn how best to utilize features of App-V that you may already be familiar with, as well as gain insights into features only recently introduced such as the enhanced Connection Groups and Shared Content Store Mode. The book

starts with the deployment of a scalable App-V infrastructure and progresses to cover the sequencing of common applications, as well as how you can take advantage of the new Office 2013 and Office 365 deployment methods. In later chapters, you will discover integrations with Microsoft Remote Desktop Services, Citrix XenDesktop, and Microsoft System Centre Configuration Manager. Finally, you will learn to leverage the App-V reporting server, Microsoft Excel, and pivot tables to gain insights into which applications are being used, along with how to troubleshoot issues with your deployment. Style and approach A practical Cookbook full of task-based recipes, complete with screenshots and explanations to supplement.

With Visual Basic 2015, the Visual Basic programming language has been extended with 16 new language features and syntactical constructs, plus the coding experience in Visual Studio 2015 adds 8 new great possibilities that help developers write code more quickly and efficiently at the same time. In the end, at least 11 new features have been added to the tooling in Visual Studio 2015 that are specific to Visual Basic code and apps. The combination of syntax, coding experience, and tooling dramatically enhances the development experience with Visual Basic 2015. More than just a language reference, this book teaches developers of all levels - from an early Visual Basic developer to one with a great deal of experience - the fundamentals of developing all types of applications in Visual Basic. The author clearly explains the Visual Basic through the use of practical examples, tips, and tricks. This book has been extended

and integrated with the many new features in Visual Basic 2015.

The quick way to learn Windows 10 This is learning made easy. Get more done quickly with Windows 10. Jump in wherever you need answers--brisk lessons and colorful screenshots show you exactly what to do, step by step. Discover fun and functional Windows 10 features! Work with the new, improved Start menu and Start screen Learn about different sign-in methods Put the Cortana personal assistant to work for you Manage your online reading list and annotate articles with the new browser, Microsoft Edge Help safeguard your computer, your information, and your privacy Manage connections to networks, devices, and storage resources

See how the core components of the Windows operating system work behind the scenes—guided by a team of internationally renowned internals experts. Fully updated for Windows Server(R) 2008 and Windows Vista(R), this classic guide delivers key architectural insights on system design, debugging, performance, and support—along with hands-on experiments to experience Windows internal behavior firsthand. Delve inside Windows architecture and internals: Understand how the core system and management mechanisms work—from the object manager to services to the registry Explore internal system data structures using tools like the kernel debugger Grasp the scheduler's priority and CPU placement algorithms Go inside the Windows security model to see how it authorizes access to data Understand how Windows manages physical and virtual memory Tour the Windows networking stack from top to

bottom—including APIs, protocol drivers, and network adapter drivers Troubleshoot file-system access problems and system boot problems Learn how to analyze crashes Secure Microsoft Windows desktops with least privilege security for regulatory compliance and business agility with this book and eBook.

The Explanation Of Uml, Intelligently Integrated Into The Book, Conveys The Heart And Soul Of True Object Oriented Architecture And Engineering

Intermediate and advanced coverage of Visual Basic 2010 and .NET 4 for professional developers If you've already covered the basics and want to dive deep into VB and .NET topics that professional programmers use most, this is your book. You'll find a quick review of introductory topics-always helpful-before the author team of experts moves you quickly into such topics as data access with ADO.NET, Language Integrated Query (LINQ), security, ASP.NET web programming with Visual Basic, Windows workflow, threading, and more. You'll explore all the new features of Visual Basic 2010 as well as all the essential functions that you need, including .NET features such as LINQ to SQL, LINQ to XML, WCF, and more. Plus, you'll examine exception handling and debugging, Visual Studio features, and ASP.NET web programming. Expert author team helps you master the tools and techniques you need most for professional programming Reviews why Visual Basic 2010 will be synonymous with writing code in Visual Studio 2010 Focuses on .NET features such as LINQ, LINQ to SQL, LINQ to XML, WPF, workflow, and more Discusses exception handling and

debugging, data access with ADO.NET, Visual Studio features for Visual Basic developers, Windows programming with Windows Forms, ASP.NET web programming with VB, communication interfaces, Windows workflow, and threading This Wrox guide presents you with updated coverage on topics you need to know now.

Delve inside Windows architecture and internals—and see how core components work behind the scenes. Led by three renowned internals experts, this classic guide is fully updated for Windows 7 and Windows Server 2008 R2—and now presents its coverage in two volumes. As always, you get critical insider perspectives on how Windows operates. And through hands-on experiments, you'll experience its internal behavior firsthand—knowledge you can apply to improve application design, debugging, system performance, and support. In Part 1, you will:

- Understand how core system and management mechanisms work—including the object manager, synchronization, Wow64, Hyper-V, and the registry
- Examine the data structures and activities behind processes, threads, and jobs
- Go inside the Windows security model to see how it manages access, auditing, and authorization
- Explore the Windows networking stack from top to bottom—including APIs, BranchCache, protocol and NDIS drivers, and layered services
- Dig into internals hands-on using the kernel debugger, performance monitor, and other tools

This IBM® Redbooks® publication gives an overview of Cloud solutions, followed by detailed information and usage scenarios for IBM CloudBurst® in a System x® environment. Cloud computing can be defined as a style of computing in which dynamically scalable resources, such as CPU, storage, or bandwidth, are provided as a service over the Internet. Cloud

computing represents a massively scalable, self-service delivery model where processing, storage, networking, and applications can be accessed as services over the Internet. Enterprises can adopt cloud models to improve employee productivity, deploy new products and services faster and reduce operating costs—starting with workloads, such as development and test, virtual desktop, collaboration, and analytics. IBM provides a scalable variety of cloud solutions to meet these needs. This IBM Redbooks publication helps you to tailor an IBM CloudBurst installation on System x to meet virtualized computing requirements in a private cloud environment. This book is intended for IT support personnel who are responsible for customizing IBM CloudBurst to meet business cloud computing objectives.

In this IBM® Redbooks® publication, we discuss and describe the capabilities for embedding Informix® into applications and software. We introduce the technological architecture and describe several of the functions and features that support Informix as a robust and powerful embeddable DBMS. Many of these features are unique in the industry today, enabling clients to create a business advantage. The Informix database server can support the requirements of an embeddable DBMS, and is doing so for many companies today. The low administration requirements of the Informix database server enable clients to deploy thousands of Informix instances, embedded in applications in locations where there are no technical resources to support the database. The real requirement is for applications with embedded databases that require little or no administration, take minimum storage resources, have excellent performance, and are highly reliable. As a mature and reliable DBMS, the Informix database server works well with small, growing, and large databases, and meets the key requirements for embedded databases, which include the ability to execute without needing any

configuration or other DBA administrative activities, and the flexibility to work on all of the platforms commonly used in the marketplace today.

Develop applications in Microsoft Kinect 2 using gesture and speech recognition, scanning of objects in 3D, and body tracking. Create motion-sensing applications for entertainment and practical uses, including for commercial products and industrial applications. Beginning Microsoft Kinect for Windows SDK 2.0 is dense with code and examples to ensure that you understand how to build Kinect applications that can be used in the real world. Techniques and ideas are presented to facilitate incorporation of the Kinect with other technologies. What You Will Learn Set up Kinect 2 and a workspace for Kinect application development Access audio, color, infrared, and skeletal data streams from Kinect Use gesture and speech recognition Perform computer vision manipulations on image data streams Develop Windows Store apps and Unity3D applications with Kinect 2 Take advantage of Kinect Fusion (3D object mapping technology) and Kinect Ripple (Kinect projector infotainment system) Who This Book Is For Developers who want to include the simple but powerful Kinect technology into their projects, including amateurs and hobbyists, and professional developers

Microsoft Visual Studio 2015 empowers you to write next-generation applications for any modern environment: mobile, web, cloud, universal Windows 10/8.x, database, and beyond. This end-to-end deep dive will help working developers squeeze maximum productivity out of Microsoft's powerful new toolset. The authors combine authoritative and detailed information about Microsoft's latest IDE, with extensive insights and best practices drawn from decades of development experience. Developers will quickly get comfortable with Visual Studio 2015's updated interface, master its new capabilities, leverage its extensive new support for open

standards, and discover multiple opportunities to leverage its .NET 4.6 platform and language improvements. By focusing entirely on Visual Studio 2015 Professional, the authors go deeper into Microsoft's core product than ever before. You'll find expert coverage of everything from debugging through deploying to Azure, IDE extension and automation through cross-platform mobile development. Throughout, this book's focus is relentlessly practical: how to apply Microsoft's tools to build better software, faster. Detailed information on how to... Master Visual Studio 2015's updated interface and key tools: Solutions, Projects, Browsers, Explorers, Editors, and Designers to improve productivity Develop robust cross-platform mobile apps for Windows, iOS, and Android using Apache Cordova templates for Visual Studio Use the new ASP.NET 5 to build modern web solutions that run on Windows, Mac, or Linux Develop Single Page Applications (SPAs) based on HTML5 and rich client-side JavaScript frameworks such as Knockout, AngularJS, Bootstrap, and more Accelerate cloud development with the Azure SDK, QuickStart templates, and Azure management portal Create mobile service solutions using ASP.NET Web API and WCF Streamline data development across multiple platforms with Entity Framework 7 Develop modern Microsoft Office business applications Perform robust, automated unit testing as you code, increasing your confidence in changes and refactoring Extend the VS 2015 IDE and Code Editor by creating custom, productivity-enhancing solutions Download all examples and source code presented in this book from [informit.com/title/9780672337369](http://informit.com/title/9780672337369) as they become available.

IBM® PowerVM® virtualization technology is a combination of hardware and software that supports and manages the virtual environments on POWER5-, POWER5+, IBM POWER6®, and IBM POWER7®-based systems. PowerVM is available on IBM Power Systems™, and

IBM BladeCenter® servers as optional Editions, and is supported by the IBM AIX®, IBM i, and Linux operating systems. You can use this set of comprehensive systems technologies and services to aggregate and manage resources by using a consolidated, logical view. Deploying PowerVM virtualization and IBM Power Systems offers you the following benefits: Lower energy costs through server consolidation Reduced cost of your existing infrastructure Better management of the growth, complexity, and risk of your infrastructure This IBM Redbooks® publication is an extension of IBM PowerVM Virtualization Introduction and Configuration, SG24-7940. It provides an organized view of best practices for managing and monitoring your PowerVM environment concerning virtualized resources managed by the Virtual I/O Server.

Step-by-step beginner's guide to Visual C# 2012 Written for novice programmers who want to learn programming with C# and the .NET framework, this book offers programming basics such as variables, flow control, and object oriented programming. It then moves into web and Windows programming and data access (databases and XML). The authors focus on the tool that beginners use most often to program C#, the Visual C# 2012 development environment in Visual Studio 2012. Puts the spotlight on key beginning level topics with easy-to-follow instructions for Microsoft Visual C# 2012 Explores how to program for variables, expressions, flow control, and functions Explains the debugging process and error handling as well as object oriented programming, and much more Beginning Microsoft Visual C# 2012 Programming offers beginners a guide to writing effective programming code following simple step-by-step methods, each followed by the opportunity to try out newly acquired skills.

"Provides a comprehensive review of cloud philosophy, design principals, development trends as well as practical patterns to guide readers to understand, design and implement successful

cloud-based solutions"--

Programmers: protect and defend your Web apps against attack! You may know ASP.NET, but if you don't understand how to secure your applications, you need this book. This vital guide explores the often-overlooked topic of teaching programmers how to design ASP.NET Web applications so as to prevent online thefts and security breaches. You'll start with a thorough look at ASP.NET 3.5 basics and see happens when you don't implement security, including some amazing examples. The book then delves into the development of a Web application, walking you through the vulnerable points at every phase. Learn to factor security in from the ground up, discover a wealth of tips and industry best practices, and explore code libraries and more resources provided by Microsoft and others. Shows you step by step how to implement the very latest security techniques Reveals the secrets of secret-keeping—encryption, hashing, and not leaking information to begin with Delves into authentication, authorizing, and securing sessions Explains how to secure Web servers and Web services, including WCF and ASMX Walks you through threat modeling, so you can anticipate problems Offers best practices, techniques, and industry trends you can put to use right away Defend and secure your ASP.NET 3.5 framework Web sites with this must-have guide.

Comprehensive guide to Visual Studio 2013 Visual Studio is your essential tool for Windows programming. Visual Studio 2013 features important updates to the user interface and to productivity. In Professional Visual Studio 2013, author, Microsoft Certified Trainer, and Microsoft Visual C# MVP Bruce Johnson brings three decades of industry experience to guide you through the update, and he doesn't just gloss over the basics. With his unique IDE-centric approach, he steers into the nooks and crannies to help you use Visual Studio 2013 to its

maximum potential. Choose from more theme options, check out the new icons, and make your settings portable Step up your workflow with hover colors, auto brace completion, peek, and CodeLens Code ASP.NET faster than ever with new shortcuts Get acquainted with the new SharePoint 2013 environment Find your way around the new XAML editor for Windows Store apps Visual Studio 2013 includes better support for advanced debugging techniques, vast improvements to the visual database tools, and new support for UI testing for Windows Store apps. This update is the key to smoother, quicker programming, and Professional Visual Studio 2013 is your map to everything inside.

If you are a system administrator, Linux administrator, cloud developer, cloud administrator, or someone who just wants to learn and apply Chef automation to your existing or new infrastructure, this book is for you. Some real-time understanding of IT processes and familiarity with Linux systems, Ruby, and JSON is essential.

Comprehensive, advanced coverage of C# 5.0 and .NET 4.5.1 Whether you're a C# guru or transitioning from C/C++, staying up to date is critical to your success. Professional C# 5.0 and .NET 4.5.1 is your go-to guide for navigating the programming environment for the Windows platform. After a quick refresher of the C# basics, the team of expert authors dives in to C# 5.0 and updates for NET 4.5.1. Includes: Different behaviors for .NET 4.5.1 and the changes to Visual Studio 2013 Changes to ASP.NET Core, Web Forms, MVC, and Web API Updated Windows 8 deployments and localization, event logs, and data flow Shuffling of ADO.NET Entity Framework Additions to Windows Workflow Foundation New Windows Runtime 2.0 updates

This IBM® Redbooks® publication describes the positioning of the IBM Systems Director in the

complete management range. It also compares the IBM Systems Director with the IBM Flex Systems Manager (FSM) and describes the environments for which each tool is best suited. This publication helps you plan, install, tailor, and configure the IBM Systems Director on different platforms. It contains information about required system resources and which network ports are used. It shows how to use the Workload Estimator to select the appropriate hardware for IBM Systems Director server and provides information about the IBM Systems Director Editions. Best practices are covered for the basic management tasks that are available in IBM Systems Director, including how to perform discovery; how to collect inventory on discovered resources; how to deploy agent, driver, and firmware updates; how to manage hardware events; and other miscellaneous tasks. An overview of best practices is provided for using IBM Systems Director VMControl™. Systems Director VMControl is a cross-platform product that assists you in rapidly deploying virtual appliances to create virtual servers that are configured with the operating system and software applications that you want. It also enables you to group resources into system pools, which enable you to centrally manage and control the different workloads in your environment. The following plug-in offerings are described: Energy monitoring and management features offered by IBM Systems Director Active Energy Manager™ along with the best practice, which needs to be followed in using the IBM Systems Director Active Energy Manager. The IBM AIX® Profile Manager is a tool that can help implement and monitor the security of all AIX servers in a production environment but also implement and monitor the system compliance of those AIX servers. Best practices and the most important questions to ask before creating Workload Partition Manager (WPAR) and WPAR Manager infrastructure. In addition, how you can manage and relocate WPARs using

WPAR Manager graphical interface and the command-line interface. Network Control basic functionalities and how to plan for Network Control deployments and also a number of common scenarios with best practices. The IBM Systems Director Service and Support Manager describes how to set up and how to handle serviceable events. Best practices for the Storage Monitoring and Management capabilities offered by IBM Systems Director server. This book is for IBM IT specialists and IT architects, IBM Business Partners, and clients, who are utilizing or considering implementing IBM Systems Director.

Normal 0 false false false MicrosoftInternetExplorer4 Fully updated for Windows 8 support, .NET 4.5, and Windows Phone development, this is the most comprehensive, practical reference to modern programming with Visual Basic 2012. Written by Visual Basic MVP Alessandro Del Sole, a long-time leader of the global VB community, this book illuminates the core of the VB language and demonstrates its effective use in many current programming scenarios. Del Sole covers both Visual Basic 2012 Professional Edition for professional developers and the Express Edition for hobbyists, novices, and students. Writing for VB programmers at all levels of experience, he walks through using VB 2012 for data access, Windows desktop/Windows Phone user interface development, networking, communication, and much more. For those moving from structured languages—including VB 6—Del Sole offers detailed guidance on building effective object-oriented code. He also demonstrates how to make the most of Microsoft's updated .NET 4.5 platform to write more robust and powerful software. Detailed information on how to... ¿ Understand the Visual Studio 2012 IDE, .NET Framework 4.5, and the anatomy of a VB 2012 application ¿ Debug VB applications and implement error handling and exceptions ¿ Build efficient object-oriented software with classes,

objects, namespaces, and inheritance ; Work with advanced object-oriented features, including interfaces, generics, delegates, events, and collections ; Access data with LINQ—including LINQ to Objects, SQL, DataSets, Entities, XML, and Parallel LINQ ; Build modern Windows applications with WPF ; Develop web-centric applications using ASP.NET, Silverlight 5, and Windows Azure Services cloud computing ; Use advanced .NET 4.5 platform capabilities, including asynchronous programming, multithreading, parallel programming ; Build apps for Windows Phone ; Test code with unit tests, TDD, and code contracts ; Deploy apps efficiently with InstallShield for Visual Studio and ClickOnce

""Very informative...The perfect resource when just getting started, and a great reference for someone who has used the product for some time." --John Burrows, Software Configuration Process Manager, DST Interactive, Inc. ""If only this book existed when I began using InstallAnywhere!" --Daniel Kirsch, Senior Software Engineer, Symantec Corporation Software installation and deployment made simple--that's the promise of InstallAnywhere from Zero G Software. Are you harnessing the full potential of InstallAnywhere in your software installation project? "InstallAnywhere Tutorial and Reference Guide is the authoritative guide for users of InstallAnywhere. It helps you maximize your investment in this powerful deployment tool by taking you step by step through easy-to-follow exercises that will unleash the power and productivity of InstallAnywhere in your organization." InstallAnywhere Tutorial and Reference Guide is perfect for developers of all knowledge levels. Whether you're just getting started or an experienced user of InstallAnywhere, this handy tutorial will help you build and reinforce the skills necessary to create reliable installations every time. And after you've mastered those skills, it is an ideal resource for troubleshooting the most common installation problems. Inside

you'll find best practices for making even the most complex software deployments easy. You will learn essential InstallAnywhere user principles and effortlessly discover why InstallAnywhere is the only software installation and deployment solution you'll ever need. Highlights include: Basic installer development strategies Basic installer customization Using advanced actions, interface options, and organization concepts Managing installation locations and uninstaller issues Source and resource management Integrating InstallAnywhere with advanced build environments Developing and using custom code actions InstallAnywhere has been recognized as the preferred multiplatform software deployment and installation tool by developers worldwide. It is the recipient of prestigious industry accolades, including two consecutive "Java Developer's Journal Readers' Choice Awards, the Jolt Product Excellence Award from Software Development, and "JavaWorld's Editor's Choice Award.

IBM® Systems Director is a platform management foundation that streamlines the way that physical and virtual systems are managed. Using industry standards, IBM Systems Director supports multiple operating systems and virtualization technologies. This paper provides guidance and preferred practices about how to install and configure IBM Systems Director Version 6.3. Also, installation guidance, fundamental topics, such as discovery and inventory, and more advanced topics, such as troubleshooting and automation, are covered. This paper is meant to be a partner to the comprehensive documentation in the IBM Systems Director Information Center. This paper is aimed at IT specialists who are planning to install and configure IBM Systems Director on Microsoft Windows, Linux, or IBM AIX®.

The U.S. veterinary medical profession contributes to society in diverse ways,

from developing drugs and protecting the food supply to treating companion animals and investigating animal diseases in the wild. In a study of the issues related to the veterinary medical workforce, including demographics, workforce supply, trends affecting job availability, and capacity of the educational system to fill future demands, a National Research Council committee found that the profession faces important challenges in maintaining the economic sustainability of veterinary practice and education, building its scholarly foundations, and evolving veterinary service to meet changing societal needs. Many concerns about the profession came into focus following the outbreak of West Nile fever in 1999, and the subsequent outbreaks of SARS, monkeypox, bovine spongiform encephalopathy, highly pathogenic avian influenza, H1N1 influenza, and a variety of food safety and environmental issues heightened public concerns. They also raised further questions about the directions of veterinary medicine and the capacity of public health service the profession provides both in the United States and abroad. To address some of the problems facing the veterinary profession, greater public and private support for education and research in veterinary medicine is needed. The public, policymakers, and even medical professionals are frequently unaware of how veterinary medicine fundamentally supports both animal and human health and well-being. This report seeks to broaden the

public's understanding and attempts to anticipate some of the needs and measures that are essential for the profession to fulfill given its changing roles in the 21st century.

Using Visual Basic 2015, developers can build cutting-edge applications that run practically anywhere: on Windows desktops, new Windows 10 devices, in mobile and cloud environments, and beyond. Visual Basic 2015 Unleashed is the most comprehensive, practical reference to modern programming with VB 2015. Long-time Visual Basic MVP Alessandro Del Sole walks you through the latest version of the language, helping you thoroughly master its most valuable features, most powerful programming techniques, and most effective development patterns. Next, he shows how to use Visual Basic 2015 to build robust, effective software in a wide range of environments. Extensively updated for Visual Basic 2015's major improvements, this guide covers both Visual Basic 2015 Professional Edition for professional developers and the free Community Edition for hobbyists, novices, and students. Del Sole has added detailed coverage of building new universal Windows apps for Windows 10 and using new Visual Studio 2015 capabilities to supercharge your productivity as a developer. If you want to leverage all of VB 2015's power, this is the book you need. Detailed information on how to... Understand the Visual Studio 2015 IDE, .NET Framework 4.6 and

the new .NET Core 5, and the anatomy of a VB 2015 application Debug VB applications and implement error handling and exceptions Keep your code clean and well-organized with VB 2015's new refactoring tools Master modern VB object development: namespaces, modules, structures, enums, inheritance, interfaces, generics, delegates, events, collections, iterators, and more Share Visual Basic code with Portable Class Libraries and Shared Projects Access data with LINQ and ADO.NET Entity Framework Manipulate XML documents with LINQ and XML Literals Build and deploy applications to run in the Microsoft Azure cloud Develop universal Windows apps that run on any Windows 10 device Use advanced .NET 4.6 platform capabilities, including async and parallel programming, multithreading, assemblies, reflection, and coding attributes Leverage new compiler APIs to write custom domain-specific live code analysis rules Test code with unit tests and TDD Deploy apps efficiently with InstallShield for Visual Studio and ClickOnce

The IBM® Linear Tape File System™ (LTFS) is the first file system that works along with Linear Tape-Open (LTO) tape technology to set a new standard for ease of use and portability for open systems tape storage. In 2011, LTFS won an Engineering Emmy Award for Innovation from the Academy of Television Arts & Sciences. This IBM Redbooks® publication helps you install, tailor, and configure

the IBM Spectrum™ Archive Single Drive Edition (SDE) and the IBM Spectrum Archive™ Library Edition (LE) products. LTFS is a file system that was originally implemented on dual-partition linear tape (IBM LTO Ultrium 5 tape drives (LTO-5) and IBM TS1140 tape drives). Now IBM Spectrum Archive SDE and LE support IBM LTO Ultrium 8, 7, 6, or 5 tape drives, and IBM TS1155, IBM TS1150, and IBM TS1140 tape drives. IBM Spectrum Archive LE supports the IBM TS4500 tape library, IBM TS3500 tape library, IBM TS3310 tape library, IBM TS3200 tape library express, IBM TS3100 tape library express, and IBM TS2900 tape autoloader express. IBM Spectrum Archive makes tape look and work like any removable media, such as a USB drive. Files and directories appear on the desktop as a directory listing. It is now simple to drag files to and from tape. Any application that is written to use disk files works with the same files on tape. IBM Spectrum Archive SDE supports stand-alone drives only. IBM Spectrum Archive LE supports tape libraries. IBM Spectrum Archive LE presents each cartridge in the library as a subdirectory in the LTFS file system. With IBM Spectrum Archive LE, you can list the contents and search all of the volumes in the library without mounting the volumes by using an in-memory index. This publication is intended for anyone who wants to understand more about IBM Linear Tape System products and their implementation. This book is suitable for IBM clients, IBM

Business Partners, IBM specialist sales representatives, and technical specialists.

Whether you're just starting out with Linux or looking to hone your existing skills, this book will provide you with the knowledge you need.

In-depth and comprehensive, this official RESOURCE KIT delivers the information you need to administer Windows 7 in the enterprise. You get authoritative technical guidance from those who know the technology best—Microsoft Most Valuable Professionals (MVPs) and the Windows 7 Team—along with hundreds of scripts and other essential resources on CD. Get expert guidance on how to: Apply best practices for using Microsoft Deployment Toolkit Plan user-state migration; test application compatibility; manage update Manage Group Policy Objects using Windows PowerShell Administer Windows Firewall and Windows BitLocker Implement Ipsec, IPv6, wireless, and VPN connectivity Install and configure printers, devices, and services Manage disks, file systems, storage, and data security Administer search and indexing with Group Policy Diagnose and resolve startup, hardware, and networking issue CD FEATURES: Nearly 200 Windows PowerShell scripts created specifically for this book—customize to administer your environment Windows 7 Resource Kit PowerShell Pack—700 cmdlets and functions to extend Windows in-box

functionality Links to author Web sites Sample chapters from Microsoft Press books Fully searchable eBook For customers who purchase an ebook version of this title, instructions for downloading the CD files can be found in the ebook. Teach yourself the fundamentals of Web development with ASP.NET 4-one step at a time. With STEP BY STEP, you get the guidance and learn-by-doing examples you need to start building Web applications and Web services in the Microsoft Visual Studio(R) 2010 environment. The author-a highly regarded programming expert, writer, and instructor-illuminates ASP.NET features through practical examples that help developers quickly grasp concepts and apply techniques to the real world. The book also includes a companion CD with code samples, data sets, and a fully searchable eBook. For customers who purchase an ebook version of this title, instructions for downloading the CD files can be found in the ebook.

A step-by-step tutorial with plenty of code and examples to improve your learning curve. If you are a developer and want to create installers for software targeting the Windows platform, then this book is for you. You'll be using plenty of XML and ought to know the basics of writing a well-formed document. No prior experience in WiX or Windows Installer is assumed. You should know your way around Visual Studio to compile projects, add project references and tweak

project properties.

Ship it! Music to your ears or words that cause a cold sweat as you realize you now need to deploy the solution you have worked on for so long? Have you planned the deployment? Do you have the proper language in your contract with your customer? Do you have the proper install package? What media is the package going to be shipped on to the client? How will it be distributed? What happens after Setup.exe finishes? Do you have the support infrastructure in place? How are you going to handle updates and changes? There's a lot to think about, and deploying a solution requires careful planning. These questions and many more are answered based on real world experience within the pages of this book.

Learn the details of the most highly recommended practices of software development using the latest version of Visual Studio 2015. Recommended practices are grouped by development phase and explained in far more detail than the typical tips and tricks compilations. This book also contains detailed coverage of recognized patterns and practices used to create software in a timely manner with expected quality in the context of using specific Visual Studio 2015 features. Creating software is part defined process and part empirical process. While there is no single “best” process to employ in all development scenarios, MVP author Peter Ritchie helps readers navigate the

complexity of development options and decide which techniques and Visual Studio 2015 features to use based on the needs of their particular project. Readers will learn practices such as those related to working in teams, design and architecture, refactoring, source code control workflows, unit testing, performance testing, coding practices, use of common patterns, code analysis, IDE extensions, and more. What You Will Learn Use patterns and practices within Visual Studio Implement practices of software creation Work in teams Develop workflows for software projects Who This Book Is For Beginning and intermediate software developers and architects This IBM® Redbooks® publication provides an update of the latest AIX Workload Partition (WPAR) capabilities. It provides a how-to guide and well-defined and documented deployment model for system administrators and architects using WPARs in AIX® Version 7.1 within an IBM POWER® System virtualized environment. This book helps clients create a planned foundation for their future deployments. This book is targeted toward technical professionals, such as business intelligence (BI) consultants, technical support staff, IT architects, and IT specialists, who are responsible for providing solutions and support for IBM POWER Systems and IBM AIX Version 7.1.

In-depth coverage of the major Visual Studio 2015 revamp Professional Visual Studio 2015 is the leading pro's guide to new and upgraded features of Microsoft Visual Studio. With a unique IDE-centric approach and deep dive into the software's many

nooks and crannies, this book will bring you up to speed quickly on everything Visual Studio 2015 has to offer. Whether you're new to Visual Studio or just upgrading, you'll appreciate in-depth, professional explanation of updates, features, and support. Visual Studio 2015 is packed with improvements that increase productivity, and this book walks you through each one in succession to help you smooth your workflow and get more accomplished. From customization and the interface to code snippets and debugging, the Visual Studio upgrade expands your options — and this book is your fast-track guide to getting on board quickly. The Visual Studios 2015 release fixes a number of issues that deterred many professionals from adopting VS 2013. Old products have been retooled, and new features are aimed at productivity enhancement and fixes to UI. Fully aligned with VS 2015, this guide walks you through the changes and helps you incorporate helpful new features into the way you work. Discover new options for themes, displays, and settings Learn the new workflow and shortcuts to ASP.NET code Master improved debugging and unit testing support capabilities Exploit changes to Windows STORE apps, phone apps, Azure, and SharePoint

This IBM® Redbooks® publication positions the new z/OS® Version 1 Release 11 for migration by discussing many of the new functions that are available. The goal for the z/OS platform is to eliminate, automate, and simplify tasks without sacrificing z/OS strengths, and to deliver a z/OS management facility that is easy to learn and use. z/OS is a highly secure, scalable, high-performance enterprise operating system on which to

build and deploy Internet- and Java™-enabled applications, providing a comprehensive and diverse application execution environment. This book describes the following new and changed functions: - IBM z/OS Management Facility - Allocation enhancements in z/OS V1R11 - BCPii function enhancements in z/OS V1R11 - JES2 and JES3 enhancements - zFS file sharing enhancements - Extended access volume enhancements - Choosing whether to run zAAP work on zIIP processors - System REXX enhancements in V1R11 - RRS global panel options - Service aids enhancements in V1R11 - GRS ENQ contention notification enhancements and analysis for GRS latches - Basic HyperSwap® support enhancement - Message Flood Automation enhancements - Program Management new Binder IEWPARMS - Predictive failure analysis (PFA) - SMF enhancements in V1R11 - System Logger enhancements - XCF/XES enhancements in V1R11 - AutoIPL support - Displaying PDSE caching statistics - ISPF enhancements - IBM Health Checker for z/OS enhancements

Intermediate to advanced technique coverage, updated for C# 2012 and .NET 4.5 This guide is geared towards experienced programmers looking to update and enhance their skills in writing Windows applications, web apps, and Metro apps with C# and .NET 4.5. Packed with information about intermediate and advanced features, this book includes everything professional developers need to know about C# and putting it to work. Covers challenging .NET features including Language Integrated Query (LINQ), LINQ to

SQL, LINQ to XML, WCF, WPF, Workflow, and Generics Puts the new Async keyword to work and features refreshers on .NET architecture, objects, types, inheritance, arrays, operators, casts, delegates, events, strings, regular expressions, collections, and memory management Explores new options and interfaces presented by Windows 8 development, WinRT, and Metro style apps Includes traditional Windows forms programming, ASP.NET webprogramming with C#, and working in Visual Studio 2012 with C# Professional C# 2012 and .NET 4.5 is a comprehensive guide for experienced programmers wanting to maximize these technologies.

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