Full Version How To Build Military Grade Suppressors

Gives programmers two–in–one coverage, with both a "how–to" on SQL functions and a complete SQL functions reference SQL is the standard language for database queries; this book?s advanced coverage helps programmers write their own SQL functions Covers both the internationally standardized SQL 99 functions and the hundreds of additional functions introduced by vendors, including the subtle variations required to successfully migrate or interoperate between vendor products Covers the latest versions of the major relational database management system (RDMS) applications: Microsoft SQL Server, Oracle, IBM DB2, and MySQL

Buy the print C# 5.0 Unleashed and get the eBook version for free! See inside the book for access code and details. C# 5.0 Unleashed is for anyone who wants to learn the C# programming language in depth, understanding how language features truly work. While giving you those insights, you learn where and how to use the features to design various kinds of software. This book not only teaches the language's capabilities, it also looks behind the scenes to build a solid foundation to aid you in understanding the .NET platform as a whole. ¿ Bart De Smet offers exceptional insight into the features of both the language and Microsoft's broader framework. He doesn't just cover the "what" and "how" of effective C# programming: He explains the "why," so you can consistently choose the right language and platform features, maximizing your efficiency and effectiveness. ¿ The early chapters introduce the .NET platform, the tooling ecosystem, and the C# programming language, followed by in-depth coverage of the C# programming language itself, with immediate application of language features. The last chapters give an overview of the .NET Framework libraries about which every good developer on the platform should know. Understand the .NET platform: its language support, libraries, tools, and more Learn where C# fits, how it has evolved, and where it's headed Master essential language features including expressions, operators, types, objects, and methods Efficiently manage exceptions and resources Write more effective C# object-oriented code Make the most of generics, collections, delegates, reflection, and other advanced language features Use LINQ to express queries for any form of data Master dynamic programming techniques built on .NET's Dynamic Language Runtime (DLR) Work with namespaces, assemblies, and application domains Write more efficient code using threading, synchronization, and advanced parallel programming techniques Leverage the Base Class Library (BCL) to quickly perform many common tasks Instrument, diagnose, test, and troubleshoot your C# code Understand how to use the new C# 5.0 asynchronous programming features Leverage interoperability with Windows Runtime to build Windows 8 applications

C# 4.0 Unleashed is a practical reference focusing on the C# language and the .NET platform as a whole. While covering

the language in lots of detail, it also provides enough coverage of various popular .NET technologies and techniques (such as debugging) for the reader to be successful on the .NET platform. The in-depth coverage of the language features is crucial to the success of a developer. Knowing exactly where and why to use certain language features can boost efficiency significantly. This book differs from other works by going into enough depth on how things work, while not being a clone of the formal language specification. Concise anecdotes with concrete samples illustrate how certain language features behave, and also point out possible caveats in using them. On the side of platform coverage, the author provides a gentle introduction to the wide landscape of the .NET platform, following a logical structure that reflects the high-level architecture of an application: presentation, logic, data, connectivity, etc. In the .NET part of the book there's coverage of relevant new technologies such as cloud computing, modeling, and parallel programming - things that will gain much more attention moving forward. Provides valuable insight into the C# language and the .NET Framework - not just "what" but also the "how" and "why" of the language and framework features Covers using C# with new major technologies, such as cloud computing, SharePoint, and ASP.NET MVC Author is Microsoft insider Will be day and date with the release of C# 4.0

With recent powerful developments in processor and sensor technology, robotics and the closely related field of process control systems are experiencing rapid growth and attracting many new hardware and software engineers. There is particular interest in using open source tools for these applications, with many companies, universities and laboratories desiring to build sophisticated systems without having to purchase an expensive real-time operating system (RTOS). Practical, authoritative information on this subject is scattered and difficult to find. In this comprehensive guide, experienced embedded engineer and author Lewin Edwards demonstrates efficient and low-cost open source design techniques, covering end-to-end robotic/process control systems using Linux as the development platform (and also as the embedded operating system), with extensive information on free compilers and other tools. Specifically the book targets development of real-time physical system controls using Atmel AVR microcontrollers communicating with Linux-based PCs for overmonitoring. It also covers open-source tools for other controllers, including MSP430, PIC and 8051. Code examples are given to provide concrete illustrations of tasks described in the text. The accompanying CD-ROM contains all the code used in the design examples as well as useful open-source tools for robotics and process control system design. The book includes: * schematics, PCB layouts and firmware source code for various sensors and servo/stepper/propulsion motor controllers, with theory of operation text. * discussion of navigation mathematics (GPS) and example code and circuits. * discussion of 3D attitude sensing using MEMS accelerometers. * techniques for designing reliable systems, including watchdogs, avoidance of race conditions, and identifying when it's time to offload

functionality onto slave processors * documented sourcecode (with theory-of-operation) for sample overmonitoring applications, both for testing the sensor/controller modules and for complete process monitoring. (To take a trivial example, documenting how to build a system that monitors four thermal sensors with onscreen thermometers, logs the temperature over time, and emails a supervisor's pager if any of the temperatures go out of range.) * a brief introduction to machine vision, including simple ways to capture images, differentiating the image for edge detection, and simple shape recognition. *The first-ever book on using open source technology for robotics design! *Immensely valuable source code and design tools provided on the CD-ROM *Covers hot topics such as GPS navigation, 3-D sensing, and machine vision, all using a Linux platform!

Five of the English author's well-known plays collected in one volume. The admirable Crichton: When a wealthy family and its servants are shipwrecked and marooned on a desert island, only the butler has the skill and resourcefulness to keep everyone alive. Peter Pan: Peter Pan, a magical boy who will not grow up, takes Wendy, John, and Michael Darling away to live in Neverland. When Wendy grew up: Wendy, now married, is putting her daughter to bed when Peter Pan returns, unaware of how much time has passed since his last visit. What every woman knows: The Wylies, a well-to-do but uneducated Scottish family, are concerned about their daughter, Maggie, a plain young woman who they fear, will remain a spinster. One night the Wylies discover that a serious young university student, John Shand, has been breaking into their home so that he can read books from their large library. Shand is penniless and cannot afford to buy books for his law school education. Maggie Wylie and John Shand come to an understanding: that her family will fund his education if, at the end of five years, he agrees to marry her. Mary Rose: A woman mysteriously disappears from an island twice in her life, first as a child and then later as an adult. When she returns both times, she has no notion of having been gone and shows no sign of aging.

This is a step-by-step guide to developing applications for Apple's Mac OS X.It describes how to build object-oriented apps using Cocoa.

BrickJournal #48, the magazine for LEGO enthusiasts, returns to the fast-changing world of MECHA! We'll have interviews with mecha builders BENJAMIN CHEH, KELVIN LOW, LU SIM, FREDDY TAM, DAVID LIU, and SAM CHEUNG! Learn how to build mechs with some of the best mecha builders in the world! Plus: AFOLs ("Adult Fans of LEGO") by cartoonist Greg Hyland, step-by step "You Can Build It" instructions by CHRISTOPHER DECK, BrickNerd's DIY Fan Art, Minifigure Customization with JARED K. BURKS, MINDSTORMS robotics lessons by Damien Kee, and more!

In this new and improved third edition of the highly popular Game Engine Architecture, Jason Gregory draws on his

nearly two decades of experience at Midway, Electronic Arts and Naughty Dog to present both the theory and practice of game engine software development. In this book, the broad range of technologies and techniques used by AAA game studios are each explained in detail, and their roles within a real industrial-strength game engine are illustrated. New to the Third Edition This third edition offers the same comprehensive coverage of game engine architecture provided by previous editions, along with updated coverage of: computer and CPU hardware and memory caches, compiler optimizations, C++ language standardization, the IEEE-754 floating-point representation, 2D user interfaces, plus an entirely new chapter on hardware parallelism and concurrent programming. This book is intended to serve as an introductory text, but it also offers the experienced game programmer a useful perspective on aspects of game development technology with which they may not have deep experience. As always, copious references and citations are provided in this edition, making it an excellent jumping off point for those who wish to dig deeper into any particular aspect of the game development process. Key Features Covers both the theory and practice of game engine software development Examples are grounded in specific technologies, but discussion extends beyond any particular engine or API. Includes all mathematical background needed. Comprehensive text for beginners and also has content for senior engineers.

Provides information on Web site development using ASP.NET 2.0.

Industrial Organization: Markets and Strategies provides an up-to-date account of modern industrial organization that blends theory with real-world applications. Written in a clear and accessible style, it acquaints the reader with the most important models for understanding strategies chosen by firms with market power and shows how such firms adapt to different market environments. It covers a wide range of topics including recent developments on product bundling, branding strategies, restrictions in vertical supply relationships, intellectual property protection, and two-sided markets, to name just a few. Models are presented in detail and the main results are summarized as lessons. Formal theory is complemented throughout by real-world cases that show students how it applies to actual organizational settings. The book is accompanied by a website containing a number of additional resources for lecturers and students, including exercises, answers to review questions, case material and slides.

This book constitutes the proceedings of the 32nd Annual International Conference on the Theory and Applications of Cryptographic Techniques, EUROCRYPT 2013, held in Athens, Greece, in May 2013. The 41 full papers included in this volume were carefully reviewed and selected from 201 submissions. They deal with cryptanalysis of hash functions, side-channel attacks, number theory, lattices, public key encryption, digital signatures, homomorphic cryptography, quantum cryptography, storage, tools, and secure computation.

Use this comprehensive guide for the SQL Server DBA, covering all that practicing database administrators need to know to get their daily work done. Updated for SQL Server 2019, this edition includes coverage of new features such as Memory-optimized

TempDB Metadata, and Always Encrypted with Secure Enclaves. Other new content includes coverage of Query Store, resumable index operations, installation on Linux, and containerized SQL. Pro SQL Server 2019 Administration takes DBAs on a journey that begins with planning their SQL Server deployment and runs through installing and configuring the instance, administering and optimizing database objects, and ensuring that data is secure and highly available. Finally, readers will learn how to perform advanced maintenance and tuning techniques. This book teaches you to make the most of new SQL Server 2019 functionality, including Data Discovery and Classification. The book promotes best-practice installation, shows how to configure for scalability and high workloads, and demonstrates the gamut of database-level maintenance tasks such as index maintenance, database consistency checks, and table optimizations. What You Will Learn Install and configure SQL Server on Windows through the GUI and with PowerShell Install and configure SQL Server on Linux and in Containers Optimize tables through in-memory OLTP, table partitioning, and the creation of indexes Secure and encrypt data to protect against embarrassing data breaches Ensure 24x7x365 access through high-availability and disaster recovery features Back up your data to ensure against loss, and recover data when needed Perform routine maintenance tasks such as database consistency checks Troubleshoot and solve performance problems in SQL queries and in the database engine Who This Book Is For SQL Server DBAs who manage on-premise installations of SQL Server. This book is also useful for DBAs who wish to learn advanced features such as Query Store, Extended Events, Distributed Replay, and Policy-Based Management, or those who need to install SQL Server in a variety of environments.

& Learn from the only Cisco-approved test preparation book, developed with Cisco for proven and comprehensive coverage & & CD-ROM testing engine has over 200 question, including simulation based as on the CCNA exam, providing the most accurate test preparation available & & Proven training features complete concept learning and retention in the all-time best selling CCNA preparation title

Ramp up your software development with this comprehensive resource Microsoft?s Application Lifecycle Management (ALM) makes software development easier and now features support for iOS, MacOS, Android, and Java development. If you are an application developer, some of the important factors you undoubtedly consider in selecting development frameworks and tools include agility, seamless collaboration capabilities, flexibility, and ease of use. Microsoft?s ALM suite of productivity tools includes new functionality and extensibility that are sure to grab your attention. Professional Application Lifecycle Management with Visual Studio 2013 provides in–depth coverage of these new capabilities. Authors Mickey Gousset, Martin Hinshelwood, Brian A. Randell, Brian Keller, and Martin Woodward are Visual Studio and ALM experts, and their hands–on approach makes adopting new ALM functionality easy. Streamline software design and deployment with Microsoft tools and methodologies Gain a practical overview of ALM with step–by–step guides and reference material Case studies illustrate specific functionality and provide in–depth instruction Use new capabilities to support iOS, MacOS, Android and Java development Discover this comprehensive solution for modeling, designing, and coordinating enterprise software deployments Over 100 pages of new content, forward–compatible with new product releases Professional Application Lifecycle Management with Visual Studio 2013 provides a

complete framework for using ALM to streamline software design and deployment processes using well–developed Microsoft tools and methodologies. Professional Application Lifecycle Management with Visual Studio 2013 is your guide to make use of newly–available ALM features to take your enterprise software development to the next level.

The workbook is designed for use with the learning version of the Visible Analyst Workbench (included) for IBM PC or compatible)--a computer aided software engineering product for the design of business information systems. The full software is available from Visible Systems Corporation of Waltham, Mass. Data files and drawings made as exercises in the learning version can be transferred into the full system. Annotation copyrighted by Book News, Inc., Portland, OR

This book describes scientific results obtained by project partners and outcomes of research and development activities carried out within the Polish Infrastructure for Information Science Support in the European Research Space PL-Grid (PL-Grid 2011). Annotation Proceedings of a conference that took place in Austin, Texas in January 1993. Contributors are impressive names from the field of computer science, including Donald Knuth, author of several computer books of "biblical" importance. The diverse selection of paper topics includes dynamic point location, ray shooting, and the shortest paths in planar maps; optimistic sorting and information theoretic complexity; and an optimal randomized algorithm for the cow-path problem. No index. Annotation copyright by Book News, Inc., Portland, OR.

p>Great user experiences (UX) are essential for products today, but designing one can be a lengthy and expensive process. With this practical, hands-on book, you'll learn how to do it faster and smarter using Lean UX techniques. UX expert Laura Klein shows you what it takes to gather valuable input from customers, build something they'll truly love, and reduce the time it takes to get your product to market. No prior experience in UX or design is necessary to get started. If you're an entrepreneur or an innovator, this book puts you right to work with proven tips and tools for researching, identifying, and designing an intuitive, easy-to-use product. Determine whether people will buy your product before you build it Listen to your customers throughout the product's lifecycle Understand why you should design a test before you design a product Get nine tools that are critical to designing your product Discern the difference between necessary features and nice-to-haves Learn how a Minimum Viable Product affects your UX decisions Use A/B testing in conjunction with good UX practices Speed up your product development process without sacrificing quality

Skip the basics and delve right into Visual Studio 2017 advanced features and tools Professional Visual Studio 2017 is the industry-favorite guide to getting the most out of Microsoft's primary programming technology. From touring the new UI to exploiting advanced functionality, this book is designed to help professional developers become more productive. A unique IDE-centric approach provides a clear path through the typical workflow while exploring the nooks and crannies that can make your job easier. Visual Studio 2017 includes a host of features aimed at improving developer productivity and UI, and this book covers them all with clear explanation, new figures, and expert insight. Whether you're new to VS or just upgrading, this all-inclusive guide is an essential resource to keep within arm's reach. Visual Studio 2017 fixes the crucial issues that kept professionals from adopting VS

2015, and includes new features and tools that streamline the developer's job. This book provides the straightforward answers you need so you can get up to speed quickly and get back to work. Master the core functionality of Visual Studio 2017 Dig into the tools that make writing code easier Tailor the environment to your workflow, not the other way around Work your way through configuration, debugging, building, deployment, customizing, and more Microsoft is changing their release cadence—it's only been about two years since the last release—so developers need to quickly get a handle on new tools and features if they hope to remain productive. The 2017 release is designed specifically to help you get more done, in less time, with greater accuracy and attention to detail. If you're ready to get acquainted, Professional Visual Studio 2017 is your ideal guide.

If you need help building web applications with the Lift framework, this cookbook provides scores of concise, ready-to-use code solutions. You'll find recipes for everything from setting up a coding environment to creating REST web services and deploying your application to production. Built on top of the Scala JVM programming language, Lift takes a different—yet ultimately easier—approach to development than MVC frameworks such as Rails. Each recipe in this book includes a discussion of how and why each solution works, not only to help you complete the task at hand, but also to illustrate how Lift works. Set up an environment and run your first Lift application Generate HTML, using Lift's View First approach Submit forms and work with form elements Build REST web services with the framework's RestHelper trait Take advantage of Lift's support for Ajax and Comet Get examples for modifying Lift's request pipeline Convert Scala classes into tables, rows, and columns in a relational database Send email, call URLs, and schedule tasks from your application Package and deploy your application to various hosted services

Buildings influence people. They account for one third of energy consumption across the globe and represent an annual capital expenditure of 7%-10% of GNP in industrialized countries. Their lifetime operation costs can exceed capital investment. Building Engineering aims to make buildings more efficient, safe and economical. One branch of this discipline, Building Physics/Science, has gained prominence, with a heightened awareness of such phenomena as sick buildings, the energy crisis and sustainability, and considering the performance of buildings in terms of climatic loads and indoor conditions. The book reflects the advanced level and high quality of research which Building Engineering, and Building Physics/Science in particular, have reached at the beginning of the twenty-first century. It will be a valuable resource to: engineers, architects, building scientists, consultants on the building envelope, researchers and graduate students.

YOU CAN BUILD IT is a new ongoing series of instruction books on the art of LEGO® custom building, from the producers of BRICKJOURNAL magazine! Spinning off from BrickJournal's popular "You Can Build It" column, these FULL-COLOR books are loaded with nothing but STEP-BY-STEP INSTRUCTIONS by some of the top custom builders in the LEGO fan community. BOOK ONE is for beginning-to-intermediate builders, and features instructions for custom creations including Miniland figures, a fire engine, Christmas ornaments, a street vignette, plus miniscale models from "a galaxy far, far away," and more! So if you're ready to go beyond the standard LEGO sets available in stores and move into custom building with the bricks you already own, this ongoing series will quickly take you from novice to expert builder, teaching you key building techniques along the way!

Start with a strong foundation. With even more instructions and illustrations, this revised and updated edition offers clear and concise guidance on every step of home building, from figuring a budget to finding labor and materials to all aspects of construction. This book answers every question readers have about building their own residenceÂ—and a few questions they may not have considered. Â• Contains a visual dictionary of new construction terms and home components Â• Fully illustrated with step-by-step, easy-to-follow instructions Â• Sample bid forms, general contractor agreements, and legal advice on building codes and permits Â• Includes information on working with architects and drawing up your own plans

iOS 7 Development Recipes: A Problem-Solution Approach is your code reference and guide to developing solutions on the iPad, iPhone, and other iOS 7 SDK devices and platforms. This book provides in-depth code samples and discussions for scenarios that developers face every day. You'll find numerous examples of real-world cases that will enable you to build fully functional applications quickly and efficiently. The recipes included in this book are wide in scope and have been geared toward the professional developer. You'll find clear and concise code samples accompanying each recipe, and you will be presented with cutting-edge solutions that bring forth the best that the iOS 7 SDK has to offer. The recipes include: Working with Auto Layout to build flexible user interfaces that adapt to different screen sizes Building applications that incorporate multimedia Building location-aware apps Understanding best practices for application design and development You'll find this book to be an indispensable reference for all your iOS development. What you'll learn How to make your apps truly stand out with multimedia How to integrate social network services such as Twitter and Facebook into your apps How to enhance your game apps with GameCenter How to develop powerful apps with the latest Xcode How to use Table Views and Collection Views in combination with Core Data to build powerful data-driven apps How to build beautiful location-based apps with the new map engine Who this book is for This book is intended for developers familiar with the Objective-C programming language and with an interest in developing apps for the iPhone and iPad. While a basic knowledge of Objective-C is expected, developers at all levels of app development will benefit from this book. Table of Contents Application Recipes Storyboard Recipes Layout Recipes Table and Collection View Recipes Location Recipes Motion Recipes Map Recipes Social Network Recipes Camera Recipes Multimedia Recipes Image Recipes Graphics Recipes Animation Recipes User Data Recipes Data Storage Recipes Data Transmission Recipes Game Kit Recipes Practical advice from some of today's top early stage investors and entrepreneurs TechStars is a mentorship-driven startup accelerator with operations in three U.S. cities. Once a year in each city, it funds about ten Internet startups with a small amount of capital and surrounds them with around fifty top Internet entrepreneurs and investors. Historically, about seventy-five percent of the companies that go through TechStars raise a meaningful amount of angel or venture capital. Do More Faster: TechStars Lessons to Accelerate Your Startup is a collection of advice that comes from individuals who have passed through, or are part of, this proven program. Each vignette is an exploration of information often heard during the TechStars program and provides practical insights into early stage entrepreneurship. Contains seven sections,

each focusing on a major theme within the TechStars program, including idea and vision, fundraising, legal and structure, and work/life balance Created by two highly regarded experts in the world of early stage investing Essays in each section come from the experienced author team as well as TechStar mentors, entrepreneurs, and founders of companies While you'll ultimately have to make your own decisions about what's right for your business, Do More Faster: TechStars Lessons to Accelerate Your Startup can get your entrepreneurial endeavor headed in the right direction.

The phenomenal success of the iPhone, iPad and the iPod touch has ushered in a "gold rush" for developers, but with well over 300,000 apps in the highly competitive App Store, it has become increasingly difficult for new apps to stand out in the crowd. Achieving consumer awareness and sales longevity for your iOS app requires a lot of organization and some strategic planning. Updated and expanded for iOS 4, this bestselling book will show you how to incorporate marketing and business savvy into every aspect of the design and development process, giving your app the best possible chance of succeeding in the App Store. The Business of iPhone and iPad App Development was written by experienced developers with business backgrounds, taking you step-by-step through cost effective marketing techniques that have proven successful for professional iOS app creators—perfect for independent developers on shoestring budgets. No prior business knowledge is required. This is the book you wish you had read before you launched your first app!

Build custom business applications for SharePoint with Visual Studio LightSwitch—including intuitive apps that don't require a single line of code. This example-driven guide takes non-programmers step-by-step through the process of creating simple apps and utilities, and shows programmers familiar with C# or Visual Basic how to build customized applications with more functionality. Discover how to build and test your applications quickly without a lot of expensive server hardware. Once you get up to speed with LightSwitch, you'll create quality line-of-business applications tailored to specific customer needs in no time, whether you work in-house or for a vendor. Learn how the LightSwitch Presentation, Logic, and Storage layers work behind the scenes Configure your SharePoint server and workstation to work with this development environment Navigate the graphical environment and its various user screens Use examples to build simple single-function applications for search and data entry Expand your app's capabilities by using LightSwitch extensions and Silverlight controls Connect your LightSwitch app to external data sources, such as Excel, SQL Server, SQLite, and cloud-based applications

UML (the Unified Modeling Language), design patterns, and software component technologies are three new advances that help software engineers create more efficient and effective software designs. Now Eric Braude pulls these three advances together into one unified presentation: A helpful project threaded throughout the book enables readers to apply what they are learning Presents a modern and applied approach to software design Numerous design patterns with

detailed explanations provide essential tools for technical and professional growth Includes extensive discussion of UML with many UML examples

A comprehensive guide to programming for Access 2010 and 2007 Millions of people use the Access database applications, and hundreds of thousands of developers work with Access daily. Access 2010 brings better integration with SQL Server and enhanced XML support; this Wrox guide shows developers how to take advantage of these and other improvements. With in-depth coverage of VBA, macros, and other programming methods for building Access applications, this book also provides real-world code examples to demonstrate each topic. Access 2010 Programmer's Referenceis a comprehensive guide to the best-of-breed techniques for programming Access applications. Coverage Includes: Introduction to Microsoft Access 2010 New Features Upgrading and Converting to Access 2010 Macros in Access 2010 Using the VBA Editor VBA Basics Using VBA in Access Creating Classes in VBA Extending VBA with APIs Working with the Windows Registry Using DAO to Access Data Using ADO to Access Data Using SQL with VBA Using VBA to Enhance Forms Enhancing Reports with VBA Customizing the Ribbon Customizing the Office Backstage Working with Office 2010 Working with SharePoint Working with .NET Building Client-Server Applications with Access The Access 2010 Templates Access Runtime Deployment Database Security Access 2010 Security Features

Do you dream of taking your Indian startup to new heights? Turn that dream into a reality! David Cohen, cofounder and Managing Partner of Techstars, and Brad Feld, cofounder of Techstars and Managing Partner of Foundry Group, team up to focus on the rapidly expanding Indian marketplace, bringing their years of shared experience to entrepreneurs, investors, and community ecosystem developers. Do More Faster India educates readers on all the major areas of creating, developing, and supercharging a young startup with a focus on the nuances of the Indian market and how Techstars is fostering new business opportunities in India. Each chapter is written by a different mentor or founder involved with the Techstars program and provides a unique perspective on the seven themes at the core of the Techstars mission: Ideas and Vision People Working Effectively Product Fundraising Legal and Structure Work and Life Harmony With a renewed focus on one of the most influential emerging markets in the world, Do More Faster India includes chapters written by Indian entrepreneurs and dedicated to India-specific topics and culture, as well as how Techstars fits into and serves the increasingly powerful Indian audience.

* Offers free eBook of Pro Apache Ant for every purchase of this hard cover book; additional offers for complimentary book(s) or eBooks may apply. * Presents a distraction-free, value-added focused and practical approach to this most widely used, popular open source build tool optimized for Java and XML development. * Is ideal for most professional level Java developers who typically need and use build tools for efficient and productive development and project

management.

Ever since Visual Basic was merged into .NET, it's become the core language for creating business applications with Windows. The latest version, VB 2008, is even more useful -- and provides even more incentive for migrating from VB 6. All it lacks is a good book on how to harness its power. Programming Visual Basic 2008 fills the void. Written in a lively and engaging style by a developer who's grown up with Visual Basic, including both VB 6 and VB .NET, this hands-on guide addresses the core topics of the new VB, from basic to complex, with plenty of code examples. Programming Visual Basic 2008 also examines .NET programming from the application level with a chapter-by-chapter plan for developing, documenting, and deploying a full data-driven application. You learn, step-by-step, how to build and deploy a library management system, complete with patron, inventory, and barcode support. The book's broad range of topics include: VB language and its syntax An overview of the .NET Framework Object-oriented development in VB and .NET Generic objects, collections, and nullable types Design and management of software projects Integrating desktop features with Windows Forms Database design with SQL Server 2008 Database interface design with ADO.NET The new LINQ feature, and how to use it within VB and .NET Embedding XML within application source code Encryption and authentication in .NET Interacting with data stored in files and directories Web development using ASP.NET Deploying an application to a user's workstation And much more Programming Visual Basic 2008 is ideal for VB 6 programmers who are ready to move to .NET, as well as VB.NET programmers who wish to improve their project-focused software development skills. Programming novices and developers coming from other languages will find the book valuable because of its language instruction and project design knowledge. Once you finish the book, you will have a firm grasp of VB 2008's core concepts and language elements, and understand how to build VB projects as they were intended -- as complete, cohesive solutions.

There is a growing movement to create a new kind of school that will meet the demands of the global economy and take full advantage of new technologies. Chris Lehmann has created such a school in the Science Leadership Academy in Philadelphia, and he shows readers why and how this can be done in any school with 95 precepts for reform, including: Be One School Citizenship Is More Important than the Workforce Disrupt Disruption Teach Kids Before Subjects Schools Are Where We Come Together Technology Should Transform, not Supplant, School Be in the Room Say More, Talk Less

This volume examines proven software configuration management strategies to allow professionals to deliver quality software systems with the least amount of wasted effort. It is designed to help managers build and foster a development environment focused on producing optimal teamwork.

Part of the New Foundations of Game Development Series! As games become more popular in international markets, developers and publishers are looking for ways to quickly localize their games in order to capitalize on these markets. Authored by two internationally known experts in game localization, The Game Localization Handbook, Second Edition provides information on how to localize software for games, whether they are developed for the PC, console, or other platforms. It includes advice, interviews, and case studies from industry professionals, as well as practical information on pre-production, production, translation, and testing of localized SKUs. Written for producers, translators, development personnel, studio management, publishers, students, and anyone involved directly or indirectly with the production of localized games, this single-reference handbook provides insightful guidelines to all the tasks involved for planning and executing successful localizations.

This book constitutes the refereed proceedings of the 24th Annual Symposium on Combinatorial Pattern Matching, CPM 2013, held in Bad Herrenalb (near Karlsruhe), Germany, in June 2013. The 21 revised full papers presented together with 2 invited talks were carefully reviewed and selected from 51 submissions. The papers address issues of searching and matching strings and more complicated patterns such as trees, regular expressions, graphs, point sets, and arrays. The goal is to derive non-trivial combinatorial properties of such structures and to exploit these properties in order to either achieve superior performance for the corresponding computational problem or pinpoint conditions under which searches cannot be performed efficiently. The meeting also deals with problems in computational biology, data compression and data mining, coding, information retrieval, natural language processing, and pattern recognition.

Streamline software development with Jenkins, the popular Java-based open source tool that has revolutionized the way teams think about Continuous Integration (CI). This complete guide shows you how to automate your build, integration, release, and deployment processes with Jenkins—and demonstrates how CI can save you time, money, and many headaches. Ideal for developers, software architects, and project managers, Jenkins: The Definitive Guide is both a CI tutorial and a comprehensive Jenkins reference. Through its wealth of best practices and real-world tips, you'll discover how easy it is to set up a CI service with Jenkins. Learn how to install, configure, and secure your Jenkins server Organize and monitor general-purpose build jobs Integrate automated tests to verify builds, and set up code quality reporting Establish effective team notification strategies and techniques Configure build pipelines, parameterized jobs, matrix builds, and other advanced jobs Manage a farm of Jenkins servers to run distributed builds Implement automated deployment and continuous delivery

This book constitutes the refereed proceedings of the 7th International Conference on Provable Security, ProvSec 2013, held in Melaka, Malaysia, in October 2013. The 18 full papers presented together with 1 invited talk were carefully

reviewed and selected from 44 submissions. The papers cover the following topics: key exchange protocols, security models, signature and signcryption schemes, authenticated encryption, theory, and public key encryption.

This textbook is the result of an extensive international research programme, involving 89 industrial organizations and academic institutions and 285 technologists in computers, communications and software. The research, conducted throughout three continents, resulted in new applications of networks and systems, representing breakthroughs in technology. The book therefore provides an up-to-date resource on the evolving structure of an information superhighway.

The book covers the concepts of Python programming language along with mobile application development. Starting from fundamentals, the book continues with the explanation of mobile app development using Kivy framework. All the chapters offer questions and exercises for to better understanding of the subject. At the end of the book some hands-on projects are given to help the readers to improve their programming and project development skills.

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