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OK80VI - BROCK LILLY

A practical guide to understanding the latest features of the Rust programming language, useful libraries, and frameworks that will help you design and develop interesting projects Key FeaturesWork through projects that will help you build high-performance applications with RustDelve into concepts such as error handling, memory management, concurrency, generics, and macros with RustImprove business productivity by choosing the right libraries and frameworks for your applicationsBook Description Rust is a community-built language that solves pain points present in many other languages, thus improving performance and safety. In this book, you will explore the latest features of Rust by build-

ing robust applications across different domains and platforms. The book gets you up and running with high-quality open source libraries and frameworks available in the Rust ecosystem that can help you to develop efficient applications with Rust. You'll learn how to build projects in domains such as data access, RESTful web services, web applications, 2D games for web and desktop, interpreters and compilers, emulators, and Linux Kernel modules. For each of these application types, you'll use frameworks such as Actix, Tera, Yew, Quicksilver, ggez, and nom. This book will not only help you to build on your knowledge of Rust but also help you to choose an appropriate framework for building your project. By the end of this Rust book, you will have learned how to build fast and

safe applications with Rust and have the real-world experience you need to advance in your career. What you will learnAccess TOML, JSON, and XML files and SQLite, PostgreSQL, and Redis databases-Develop a RESTful web service using JSON payloadsCreate a web application using HTML templates and JavaScript and a frontend web application or web game using WebAssemblyBuild desktop 2D gamesDevelop an interpreter and a compiler for a programming languageCreate a machine language emulatorExtend the Linux Kernel with loadable modulesWho this book is for This Rust programming book is for developers who want to get hands-on experience with implementing their knowledge of Rust programming, and are looking for expert advice on which libraries and frameworks

they can adopt to develop software that typically uses the Rust language.

Among the tests you perform on web applications, security testing is perhaps the most important, yet it's often the most neglected. The recipes in the Web Security Testing Cookbook demonstrate how developers and testers can check for the most common web security issues, while conducting unit tests, regression tests, or exploratory tests. Unlike ad hoc security assessments, these recipes are repeatable, concise, and systematic-perfect for integrating into your regular test suite. Recipes cover the basics from observing messages between clients and servers to multi-phase tests that script the login and execution of web application features. By the end of the book, you'll be able to build tests pinpointed at Ajax functions, as well as large multi-step tests for the usual suspects: cross-site scripting and injection attacks. This book helps you: Obtain, install, and configure useful-and free-security testing tools Understand how your application communicates with users, so you can better simulate attacks in your tests Choose from many different methods that simulate common attacks such as SQL injec-

tion, cross-site scripting, and manipulating hidden form fields Make your tests repeatable by using the scripts and examples in the recipes as starting points for automated tests Don't live in dread of the midnight phone call telling you that your site has been hacked. With Web Security Testing Cookbook and the free tools used in the book's examples, you can incorporate security coverage into your test suite, and sleep in peace.

Reference document for the Fleet DNA results data shared on the NREL public website. The document includes variable definitions and descriptions to assist users in understanding data.

This second Preview Edition ebook, now with 16 chapters, is about writing applications for Xamarin.Forms, the new mobile development platform for iOS, Android, and Windows phones unveiled by Xamarin in May 2014. Xamarin.Forms lets you write shared user-interface code in C# and XAML that maps to native controls on these three platforms.

Exciting new developments in risk assessment and management Risk assessment and management is fundamentally found-

ed on the knowledge available on the system or process under consideration. While this may be self-evident to the laymen, thought leaders within the risk community have come to recognize and emphasize the need to explicitly incorporate knowledge (K) in a systematic, rigorous, and transparent framework for describing and modeling risk. Featuring contributions by an international team of researchers and respected practitioners in the field, this book explores the latest developments in the ongoing effort to use risk assessment as a means for characterizing knowledge and/or lack of knowledge about a system or process of interest. By offering a fresh perspective on risk assessment and management, the book represents a significant contribution to the development of a sturdier foundation for the practice of risk assessment and for risk-informed decision making. How should K be described and evaluated in risk assessment? How can it be reflected and taken into account in formulating risk management strategies? With the help of numerous case studies and real-world examples, this book answers these and other critical questions at the heart of modern risk assessment,

while identifying many practical challenges associated with this explicit framework. This book, written by international scholars and leaders in the field, and edited to make coverage both conceptually advanced and highly accessible: Offers a systematic, rigorous and transparent perspective and framework on risk assessment and management, explicitly strengthening the links between knowledge and risk. Clearly and concisely introduces the key risk concepts at the foundation of risk assessment and management. Features numerous cases and real-world examples, many of which focused on various engineering applications across an array of industries. Knowledge of Risk Assessment and Management is a must-read for risk assessment and management professionals, as well as graduate students, researchers and educators in the field. It is also of interest to policy makers and business people who are eager to gain a better understanding of the foundations and boundaries of risk assessment, and how its outcomes should be used for decision-making. Here is everything you need to know about the most popular viewer of the World-Wide Web, Mosaic. Learn where to

find Mosaic and how to use it to navigate the Internet easily, and find out about the customized versions of Mosaic licensed by the different companies. Get the most out of Mosaic--see how to set up for the most effective use.

Does the identification number 60 indicate a toxic substance or a flammable solid, in the molten state at an elevated temperature? Does the identification number 1035 indicate ethane or butane? What is the difference between natural gas transmission pipelines and natural gas distribution pipelines? If you came upon an overturned truck on the highway that was leaking, would you be able to identify if it was hazardous and know what steps to take? Questions like these and more are answered in the Emergency Response Guidebook. Learn how to identify symbols for and vehicles carrying toxic, flammable, explosive, radioactive, or otherwise harmful substances and how to respond once an incident involving those substances has been identified. Always be prepared in situations that are unfamiliar and dangerous and know how to rectify them. Keeping this guide around at all times will ensure that, if you were to come upon a transpor-

tation situation involving hazardous substances or dangerous goods, you will be able to help keep others and yourself out of danger. With color-coded pages for quick and easy reference, this is the official manual used by first responders in the United States and Canada for transportation incidents involving dangerous goods or hazardous materials.

You get a free Book Template as a Word-.docx file. You Can Download the Short-copy Template and Writing Instructions. The author has avoided a detailed set of complicated Microsoft Word formatting instructions that are normally necessary to write a book. Download your copies from the cloud on Microsoft "OneDrive;" there are two Microsoft Word (2010) documents. Go to OneDrive in the author's Public Folder and download the following documents:- Download Documents: You can access the cloud and download the documents from a link on the author's web site or use the two links below: Visit the author's web site. From the author's web site, click on "Library" tab and you will find the DOWNLOAD Instructions there. After you click on the "Library" tab, with one more click you can easily download each document from

the cloud. Document one - Writing Instructions for Template Make sure you read the Writing Instructions for Template document, before you start writing in your book. Use this link to access and to download this file from the cloud. Link available in book. Document two - Short-copy Template of Book Use this link to access and download this file from the cloud: Link available in book. The download will already contain all of the Microsoft Word formatting needed for your book, including Title of Book (replace with your title and your name as author) Copyright notations (replace with your copyright) Table of Contents, Chapter headings, Page numbering, Paragraph headings. Fonts and font sizes If you don't like the font or the size of the font, of course you can change the fonts. In fact, you can change anything you want to change or you can use the template just as it is. Be sure to make a back-up copy of each document and do not use or write on your Microsoft Word back-up copy. Make a working copy of Short-copy Template and use the working copy when you actually start the process of writing your book. After you download these two files and after you have read the Writing Instructions,

you are ready to start writing your book. You are ready and you can actually start writing your book within the next five minutes.

Is your memory hierarchy stopping your microprocessor from performing at the high level it should be? Memory Systems: Cache, DRAM, Disk shows you how to resolve this problem. The book tells you everything you need to know about the logical design and operation, physical design and operation, performance characteristics and resulting design trade-offs, and the energy consumption of modern memory hierarchies. You learn how to tackle the challenging optimization problems that result from the side-effects that can appear at any point in the entire hierarchy. As a result you will be able to design and emulate the entire memory hierarchy. Understand all levels of the system hierarchy - Xcache, DRAM, and disk. Evaluate the system-level effects of all design choices. Model performance and energy consumption for each component in the memory hierarchy.

Fuses design fundamentals and software training into one cohesive book! Teaches

art and design principles with references to contemporary digital art alongside basic digital tools in Adobe's Creative Cloud Addresses the growing trend of compressing design fundamentals and design software into the same course in universities and design trade schools. Lessons are timed to be used in 50 to 90 minute class sessions with additional materials available online Free video screencasts demonstrate key concepts in every chapter All students of digital design and production—whether learning in a classroom or on their own—need to understand the basic principles of design. These principles are often excluded from books that teach software. Foundations of Digital Art and Design reinvigorates software training by integrating design exercises into tutorials fusing design fundamentals and core Adobe Creative Cloud skills. The result is a comprehensive design learning experience. This book is organized into six sections that focus on vector art, photography, image manipulation, typography, web design, and effective habits. Design topics and principles include: Bits, Dots, Lines, Shapes, Rule of Thirds, Zone System, Color Models, Collage, Appropriation, Gestalt, The Bauhaus

Basic Course Approach, The Grid, Remix, Automation, and Revision.

Digital forensics deals with the acquisition, preservation, examination, analysis and presentation of electronic evidence. Networked computing, wireless communications and portable electronic devices have expanded the role of digital forensics beyond traditional computer crime investigations. Practically every crime now involves some aspect of digital evidence; digital forensics provides the techniques and tools to articulate this evidence. Digital forensics also has myriad intelligence applications. Furthermore, it has a vital role in information assurance -- investigations of security breaches yield valuable information that can be used to design more secure systems. *Advances in Digital Forensics XII* describes original research results and innovative applications in the discipline of digital forensics. In addition, it highlights some of the major technical and legal issues related to digital evidence and electronic crime investigations. The areas of coverage include: Themes and Issues, Mobile Device Forensics, Network Forensics, Cloud Forensics, Social Media Forensics, Image Forensics, Forensic Tech-

niques, and Forensic Tools. This book is the twelfth volume in the annual series produced by the International Federation for Information Processing (IFIP) Working Group 11.9 on Digital Forensics, an international community of scientists, engineers and practitioners dedicated to advancing the state of the art of research and practice in digital forensics. The book contains a selection of twenty edited papers from the Twelfth Annual IFIP WG 11.9 International Conference on Digital Forensics, held in New Delhi, India in the winter of 2016. *Advances in Digital Forensics XII* is an important resource for researchers, faculty members and graduate students, as well as for practitioners and individuals engaged in research and development efforts for the law enforcement and intelligence communities. Gilbert Peterson, Chair, IFIP WG 11.9 on Digital Forensics, is a Professor of Computer Engineering at the Air Force Institute of Technology, Wright-Patterson Air Force Base, Ohio, USA. Sujeet Shenoj is the F.P. Walter Professor of Computer Science and a Professor of Chemical Engineering at the University of Tulsa, Tulsa, Oklahoma, USA.

* Provides a "real world" view and best

practices around using SharePoint 2003 technologies to meet business needs. * Seth Bates was the technical reviewer for both of Scot Hillier's books. * Lists the most common deployment scenarios of SharePoint technologies and the ways to best leverage SharePoint features for these scenarios.

Developed by Microsoft's senior editors and content managers, this manual of style captures the up-to-date standards and best practices for delivering clear and consistent technical communications. Now in its third edition, this popular reference has been fully revised, expanded, and optimized for ease of use. You'll find new coverage on meeting the needs of a global audience, accessibility concerns, and the latest technical terms and acronyms—along with expertly organized sections on usage, grammar, punctuation, tone, formatting, and common style problems. Whether you're creating print documentation, online help, Web content, or other communications, you'll get the information and examples you need to maximize the impact and precision of your message. Get clear, concise guidance to help you: Use techni-

cal terms correctly and consistently—including do's, don'ts, and alternatives for usage. Employ the appropriate tone and voice for your audience. Produce written and visual content suitable for a worldwide audience. Apply best practices for writing and tagging Web content. Write better documentation—from dialog boxes and error messages to Web pages and software code. Know the standards for creating accessible communications. Optimize your indexes, cross-references, and keyword lists. Get fast answers on spelling, grammar, and punctuation. CD includes: Complete eBook inside A Note Regarding the CD or DVD The print version of this book ships with a CD or DVD. For those customers purchasing one of the digital formats in which this book is available, we are pleased to offer the CD/DVD content as a free download via O'Reilly Media's Digital Distribution services. To download this content, please visit O'Reilly's web site, search for the title of this book to find its catalog page, and click on the link below the cover image (Examples, Companion Content, or Practice Files). Note that while we provide as much of the media content as we are able via free download, we are

sometimes limited by licensing restrictions. Please direct any questions or concerns to booktech@oreilly.com.

Explore various verticals in software engineering through high-end systems using Python Key Features Master the tools and techniques used in software engineering Evaluates available database options and selects one for the final Central Office system-components Experience the iterations software go through and craft enterprise-grade systems Book Description Software Engineering is about more than just writing code—it includes a host of soft skills that apply to almost any development effort, no matter what the language, development methodology, or scope of the project. Being a senior developer all but requires awareness of how those skills, along with their expected technical counterparts, mesh together through a project's life cycle. This book walks you through that discovery by going over the entire life cycle of a multi-tier system and its related software projects. You'll see what happens before any development takes place, and what impact the decisions and designs made at each step have on the development process. The development of the en-

tire project, over the course of several iterations based on real-world Agile iterations, will be executed, sometimes starting from nothing, in one of the fastest growing languages in the world—Python. Application of practices in Python will be laid out, along with a number of Python-specific capabilities that are often overlooked. Finally, the book will implement a high-performance computing solution, from first principles through complete foundation. What you will learn Understand what happens over the course of a system's life (SDLC) Establish what to expect from the pre-development life cycle steps Find out how the development-specific phases of the SDLC affect development Uncover what a real-world development process might be like, in an Agile way Find out how to do more than just write the code Identify the existence of project-independent best practices and how to use them Find out how to design and implement a high-performance computing process Who this book is for Hands-On Software Engineering with Python is for you if you are a developer having basic understanding of programming and its paradigms and want to skill up as a senior programmer. It is assumed

that you have basic Python knowledge. This book covers the basics of PHP and MySQL along with introductions to advanced topics including object-oriented programming and how to build Web sites that incorporate authentication and security. After you complete this course, you will be able to use PHP and MySQL to build professional quality, database-driven Web sites. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

This is the eBook version of the print title. Note that the eBook does not provide access to the practice test software that accompanies the print book. *¿* Learn, prepare, and practice for MCSA 70-687 exam success with this Cert Guide from Pearson IT Certification, a leader in IT certification. Master MCSA 70-687 exam topics for Windows 8.1 configuration Assess your knowledge with chapter-ending quizzes Review key concepts with exam preparation tasks MCSA 70-687 Cert Guide: Configuring Microsoft® Windows 8.1 is a best-of-breed exam study guide. Best-selling authors and expert instructors Don Poulton, Randy Bellet, and Harry Holt share preparation

hints and test-taking tips, helping you identify areas of weakness and improve both your conceptual knowledge and hands-on skills. Material is presented in a concise manner, focusing on increasing your understanding and retention of exam topics. *¿* The book presents you with an organized test preparation routine through the use of proven series elements and techniques. Exam topic lists make referencing easy. Chapter-ending Exam Preparation Tasks help you drill on key concepts you must know thoroughly. Review questions help you assess your knowledge, and a final preparation chapter guides you through tools and resources to help you craft your final study plan. *¿* Well-regarded for its level of detail, assessment features, and challenging review questions and exercises, this study guide helps you master the concepts and techniques that will enable you to succeed on the exam the first time. *¿* The study guide helps you master all the topics on the MCSA 70-687 exam, including the following: Windows 8.1 introduction Hardware readiness and compatibility Installation and upgrades, including VHDs Migrating users, profiles, and applications Configuring devices and device drivers Ins-

talling, configuring, and securing applications Configuring Internet Explorer Configuring Hyper-V virtualization Configuring TCP/IP, network settings, and network security Configuring and securing access to files and folders, including OneDrive and NFC Configuring local security, authentication, and authorization Configuring remote connections and management Configuring and securing mobile devices Configuring Windows Updates Managing disks, backups, and system/file recovery Managing/monitoring system performance *¿*

The official book on the Rust programming language, written by the Rust development team at the Mozilla Foundation, fully updated for Rust 2018. The Rust Programming Language is the official book on Rust: an open source systems programming language that helps you write faster, more reliable software. Rust offers control over low-level details (such as memory usage) in combination with high-level ergonomics, eliminating the hassle traditionally associated with low-level languages. The authors of The Rust Programming Language, members of the Rust Core Team,

share their knowledge and experience to show you how to take full advantage of Rust's features--from installation to creating robust and scalable programs. You'll begin with basics like creating functions, choosing data types, and binding variables and then move on to more advanced concepts, such as:

- Ownership and borrowing, lifetimes, and traits
- Using Rust's memory safety guarantees to build fast, safe programs
- Testing, error handling, and effective refactoring
- Generics, smart pointers, multithreading, trait objects, and advanced pattern matching
- Using Cargo, Rust's built-in package manager, to build, test, and document your code and manage dependencies
- How best to use Rust's advanced compiler with compiler-led programming techniques

You'll find plenty of code examples throughout the book, as well as three chapters dedicated to building complete projects to test your learning: a number guessing game, a Rust implementation of a command line tool, and a multithreaded server. New to this edition: An extended section on Rust macros, an expanded chapter on modules, and appendixes on Rust development tools and editions.

Data Democracy: At the Nexus of Artificial Intelligence, Software Development, and Knowledge Engineering provides a manifesto to data democracy. After reading the chapters of this book, you are informed and suitably warned! You are already part of the data republic, and you (and all of us) need to ensure that our data fall in the right hands. Everything you click, buy, swipe, try, sell, drive, or fly is a data point. But who owns the data? At this point, not you! You do not even have access to most of it. The next best empire of our planet is one who owns and controls the world's best dataset. If you consume or create data, if you are a citizen of the data republic (willingly or grudgingly), and if you are interested in making a decision or finding the truth through data-driven analysis, this book is for you. A group of experts, academics, data science researchers, and industry practitioners gathered to write this manifesto about data democracy. The future of the data republic, life within a data democracy, and our digital freedoms An in-depth analysis of open science, open data, open source software, and their future challenges A comprehensive review of data democracy's implications within do-

mains such as: healthcare, space exploration, earth sciences, business, and psychology The democratization of Artificial Intelligence (AI), and data issues such as: Bias, imbalance, context, and knowledge extraction A systematic review of AI methods applied to software engineering problems

Of all the Ajax-specific frameworks that have popped up in recent years, one clearly stands out as the industrial strength solution. Dojo is not just another JavaScript toolkit—it's the JavaScript toolkit—and Dojo: The Definitive Guide demonstrates how to tame Dojo's extensive library of utilities so that you can build rich and responsive web applications like never before. Dojo founder Alex Russell gives a foreword that explains the "why" of Dojo and of this book. Dojo provides an end-to-end solution for development in the browser, including everything from the core JavaScript library and turnkey widgets to build tools and a testing framework. Its vibrant open source community keeps adding to Dojo's arsenal, and this book provides an ideal companion to Dojo's official documentation. Dojo: the Definitive Guide gives you the most thorough overview of this toolkit available, showing you everything from how to cre-

ate complex layouts and form controls closely resembling those found in the most advanced desktop applications with stock widgets, to advanced JavaScript idioms to AJAX and advanced communication transports. With this definitive reference you get: Get a concise introduction to Dojo that's good for all 1.x versions Well-explained examples, with scores of tested code samples, that let you see Dojo in action A comprehensive reference to Dojo's standard JavaScript library (including fundamental utilities in Base, Dojo's tiny but powerful kernel) that you'll wonder how you ever lived without An extensive look at additional Core features, such as animations, drag-and-drop, back-button handling, animations like wipe and slide, and more Exhaustive coverage of out-of-the-box Dijits (Dojo widgets) as well as definitive coverage on how to create your own, either from scratch or building on existing ones An itemized inventory of DojoX subprojects, the build tools, and the DOH, Dojo's unit-testing framework that you can use with Dojo—or anywhere else If you're a DHTML-toting web developer, you need to read this book—whether you're a one-person operation or part of an organization

employing scores of developers. Dojo packs the standard JavaScript library you've always wanted, and Dojo: The Definitive Guide helps you transform your ideas into working applications quickly by leveraging design concepts you already know.

How to create dynamic web environments using the PHP language and the MySQL database! If you are familiar with the syntax for C, C++ and Java, then PHP will seem very familiar. Once you have got up to speed with this HTML embedded scripting language, you will soon be creating dynamic HTML database-enabled web pages quickly and easily. This quick and practical introduction explains: - how PHP works and what a dynamic web page is; - the software development environment; - the syntax and features of the language; - how PHP can be integrated with MySQL databases; - dynamic database applications. Clearly written, this book provides you with all the essential information you need to create your own dynamic web environments using PHP. Additional material is available from the Essential series web site: <http://www.essential-series.com>

"I don't even feel like I've scratched the surface of what I can do with Python" With Python Tricks: The Book you'll discover Python's best practices and the power of beautiful & Pythonic code with simple examples and a step-by-step narrative. You'll get one step closer to mastering Python, so you can write beautiful and idiomatic code that comes to you naturally. Learning the ins and outs of Python is difficult-and with this book you'll be able to focus on the practical skills that really matter. Discover the "hidden gold" in Python's standard library and start writing clean and Pythonic code today. Who Should Read This Book: If you're wondering which lesser known parts in Python you should know about, you'll get a roadmap with this book. Discover cool (yet practical!) Python tricks and blow your coworkers' minds in your next code review. If you've got experience with legacy versions of Python, the book will get you up to speed with modern patterns and features introduced in Python 3 and backported to Python 2. If you've worked with other programming languages and you want to get up to speed with Python, you'll pick up the idioms and practical tips you need to become a confi-

dent and effective Pythonista. If you want to make Python your own and learn how to write clean and Pythonic code, you'll discover best practices and little-known tricks to round out your knowledge. What Python Developers Say About The Book: "I kept thinking that I wished I had access to a book like this when I started learning Python many years ago." - Mariatta Wijaya, Python Core Developer "This book makes you write better Python code!" - Bob Belderbos, Software Developer at Oracle "Far from being just a shallow collection of snippets, this book will leave the attentive reader with a deeper understanding of the inner workings of Python as well as an appreciation for its beauty." - Ben Felder, Pythonista "It's like having a seasoned tutor explaining, well, tricks!" - Daniel Meyer, Sr. Desktop Administrator at Tesla Inc.

Health Sciences Literature Review Made Easy: The Matrix Method, Fifth Edition describes the practical and useful methods for reviewing scientific literature in the health sciences. Please note that an access code to supplemental content such as Appendix C: Data Visualization is not included with the eBook purchase. To access

this content please purchase an access code at www.jblearning.com/catalog/9781284133943/.

Economic globalization requires data to be available globally. With most data stored in file systems, solutions to make this data globally available become more important. Files that are in file systems can be protected or shared by replicating these files to another file system that is in a remote location. The remote location might be just around the corner or in a different country. Therefore, the techniques that are used to protect and share files must account for long distances and slow and unreliable wide area network (WAN) connections. IBM® Spectrum Scale is a scalable clustered file system that can be used to store all kinds of unstructured data. It provides open data access by way of Network File System (NFS); Server Message Block (SMB); POSIX Object Storage APIs, such as S3 and OpenStack Swift; and the Hadoop Distributed File System (HDFS) for accessing and sharing data. The IBM Aspera® file transfer solution (IBM Aspera Sync) provides predictable and reliable data transfer across large distance for small and

large files. The combination of both can be used for global sharing and protection of data. This IBM Redpaper™ publication describes how IBM Aspera Sync can be used to protect and share data that is stored in IBM Spectrum™ Scale file systems across large distances of several hundred to thousands of miles. We also explain the integration of IBM Aspera Sync with IBM Spectrum Scale™ and differentiate it from solutions that are built into IBM Spectrum Scale for protection and sharing. We also describe different use cases for IBM Aspera Sync with IBM Spectrum Scale.

Evidence-Based Clinical Supervision critiques and summarises the best available psychological evidence relating to clinical supervision, clarifying the key principles, setting out the related practice guidelines and specifying the research and practice implications. A best-practice guide to clinical supervision, an approach used across psychotherapy and health services where professionals meet regularly with each other to discuss casework and training issues Summarises the best available clinical evidence relating to clinical supervision, and relates this information to key principles with a strong applied focus,

drawing out practice guidelines and implications Aims to motivate health professionals to practice supervision with greater enthusiasm and proficiency Represents the culmination of two years' intensive research on supervision and twenty years of involvement in supporting and developing supervisors

The complete SolidWorks reference-tutorial for beginner to advanced techniques Mastering SolidWorks is the reference-tutorial for all users. Packed with step-by-step instructions, video tutorials for over 40 chapters, and coverage of little-known techniques, this book takes you from novice to power user with clear instruction that goes beyond the basics. Fundamental techniques are detailed with real-world examples for hands-on learning, and the companion website provides tutorial files for all exercises. Even veteran users will find value in new techniques that make familiar tasks faster, easier, and more organized, including advanced file management tools that simplify and streamline pre-flight checks. SolidWorks is the leading 3D CAD program, and is an essential tool for engineers, mechanical designers, indus-

trial designers, and drafters around the world. User friendly features such as drag-and-drop, point-and-click, and cut-and-paste tools belie the software's powerful capabilities that can help you create cleaner, more precise, more polished designs in a fraction of the time. This book is the comprehensive reference every SolidWorks user needs, with tutorials, background, and more for beginner to advanced techniques. Get a grasp on fundamental SolidWorks 2D and 3D tasks using realistic examples with text-based tutorials Delve into advanced functionality and capabilities not commonly covered by how-to guides Incorporate improved search, Pack-and-Go and other file management tools into your workflow Adopt best practices and exclusive techniques you won't find anywhere else Work through this book beginning-to-end as a complete SolidWorks course, or dip in as needed to learn new techniques and time-saving tricks on-demand. Organized for efficiency and designed for practicality, these tips will remain useful at any stage of expertise. With exclusive coverage and informative detail, Mastering SolidWorks is the tutorial-reference for users at every level of expertise.

This book examines the modules/elements required before implementing knowledge management solutions in typical manufacturing and service industry. The objective is to develop a framework, design and model suitable for all requirements and a strategy to properly implement. Related case studies from organizations are included, with the results provided to use as a solution to problems experienced when implementing knowledge management in the industry. Implementing a knowledge management system can be complex and dynamic, no matter how well planned and developed. Inevitably a degree of organizational inertia is focused on the current state rather than the new. Within an enterprise, personal and group involvement and interests process status and technology landscape can deflect the commitment needed to successfully implement such a system. Cumulative evidence from past research in knowledge management suggests that effective implementation of KM solution in any organization requires a robust designs and models for various critical elements of process, people and technology. Using the techniques provided in this book, readers should be able to design knowledge man-

agement strategies, to align objectives of the KM initiatives with their business goals.

This is a book that has a lot to offer. Many of its readers will benefit from the first chapters which comprehensively analyse the case law and put it in context, whilst others will benefit more from the more conceptual chapters and the criticism of certain points and suggestions for a way forward contained in them. Paul L.C. Torreman, European Intellectual Property Review This timely volume offers a comprehensive review of case law, in various jurisdictions, on secondary liability for copyright infringement, particularly P2P file sharing and online infringements. Moreover, the book includes forward-looking contributions of prominent academics from the USA and the EU, which provide original perspectives on the future shape of online copyright law, looking at questions such as whether it could or even should evolve towards a compensation system. By combining these different avenues, the book will be of particular interest to practitioners, academics, researchers and legal scholars involved in the field of copyright law.

This step-by-step, highly visual text provides a comprehensive introduction to managing and maintaining computer hardware and software. Written by best-selling author and educator Jean Andrews, A+ Guide to IT Technical Support, 9th Edition closely integrates the CompTIA+ Exam objectives to prepare you for the 220-901 and 220-902 certification exams. The new Ninth Edition also features extensive updates to reflect current technology, techniques, and industry standards in the dynamic, fast-paced field of PC repair and information technology. Each chapter covers both core concepts and advanced topics, organizing material to facilitate practical application and encourage you to learn by doing. The new edition features more coverage of updated hardware, security, virtualization, new coverage of cloud computing, Linux and Mac OS, and increased emphasis on mobile devices. Supported by a wide range of supplemental resources to enhance learning with Lab Manuals, CourseNotes online labs and the optional MindTap that includes online labs, certification test prep and interactive exercises and activities, this proven text offers students an ideal way to prepare for success

as a professional IT support technician and administrator. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

There's Safety in Knowledge. Are you informed? Everybody's doing it - downloading music and video from the Internet and sharing files. But you've always worried that such downloads might put your computer at risk, and wondered - are they legal? Relax. This book shows you exactly how to safeguard your PC while enjoying music and video downloads from safe and legal sources. You'll get the facts, not the scare tactics, about online music services, virus dangers, spyware, identity theft, and other privacy concerns, with many tips to protect your computer and yourself. * Select download sites that are safe, legal, and sometimes free * Review major music downloading and file-sharing sites to choose the best service for your needs * Make informed decisions about direct downloads versus file sharing * Get the security track records of all the major file-sharing and direct-download sites * Understand the types of file-sharing attacks and

know if you've been victimized * Examine the unique risks associated with network use * Take a look at privacy laws and learn how to protect yourself online * Learn why illegal downloads aren't worth the risk * Download media files safely to your cell phone, MP3 player, or PDA

This book constitutes the refereed proceedings of the 14th International Conference on Mobile Web and Intelligent Information Systems, MobiWIS 2017, held in Prague, Czech Republic, in August 2017. The 23 full papers together with 4 short papers presented in this volume were carefully reviewed and selected from 77 submissions. The call for papers of the MobiWis 2017 included new and emerging areas such as: mobile web systems, recommender systems, security and authentication, context-awareness, mobile web and advanced applications, cloud and IoT, mobility management, mobile and wireless networks, and mobile web practice and experience.

The aim of the CEEMAS conference series is to provide a biennial forum for the presentation of multi-agent research and development results. With its particular geographical orientation towards Central and Eastern Europe, CEEMAS has become an in-

ternationally recognised event with participants from all over the world. After the successful CEEMAS conferences in St. Petersburg (1999), Cracow (2001) and Prague (2003), the 2005 CEEMAS conference takes place in Budapest. The programme committee of the conference series consists of established researchers from the region and renowned international colleagues, showing the prominent rank of CEEMAS among the leading events in multi-agent systems. In the very competitive field of agent oriented conferences and workshops nowadays (such as AAMAS, WI/IAT, EUMAS, CIA, MATES) the special profile of CEEMAS is that it is trying to bridge the gap between applied research achievements and theoretical research activities. Our ambition is to provide a forum for presenting theoretical research with an evident application potential, implemented application prototypes and their properties, as well as industrial case studies of successful (but also unsuccessful) agent technology deployments. This is why the CEEMAS proceedings volume provides a collection of research and application papers. The technical research paper section of the proceedings (see pages 11-499) contains pure re-

search papers as well as research results in application settings while the application papers section (see pages 500-530) contains papers focused on application aspects. The goal is to demonstrate the real life value and commercial reality of multi-agent systems as well as to foster communication between academia and industry in this field.

Written by a leading expert, this book has everything the reader needs to know to get up-to-speed on creating ColdFusion MX Applications in Dreamweaver MX, in a no-frills, hands-on approach. It's the only book concentrating on developing ColdFusion MX with the visual tool of choice for creating ColdFusion applications: Dreamweaver MX.

Practical LaTeX covers the material that is needed for everyday LaTeX documents. This accessible manual is friendly, easy to read, and is designed to be as portable as LaTeX itself. A short chapter, Mission Impossible, introduces LaTeX documents and presentations. Read these 30 pages; you then should be able to compose your own work in LaTeX. The remainder of the book delves deeper into the topics outlined in

Mission Impossible while avoiding technical subjects. Chapters on presentations and illustrations are a highlight, as is the introduction of LaTeX on an iPad. Students, faculty, and professionals in the worlds of mathematics and technology will benefit greatly from this new, practical introduction to LaTeX. George Grätzer, author of More Math into LaTeX (now in its

4th edition) and First Steps in LaTeX, has been a LaTeX guru for over a quarter of century. From the reviews of More Math into LaTeX: ``There are several LaTeX guides, but this one wins hands down for the elegance of its approach and breadth of coverage.'' —Amazon.com, Best of 2000, Editors Choice ``A very helpful and useful tool for all scientists and engineers.'' —Review of Astronomical Tools ``A

novice reader will be able to learn the most essential features of LaTeX sufficient to begin typesetting papers within a few hours of time...An experienced TeX user, on the other hand, will find a systematic and detailed discussion of all LaTeX features, supporting software, and many other advanced technical issues.'' —Reports on Mathematical Physics