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This IBM® Redbooks® publication provides advice and technical information about optimizing and tuning application code to run on systems that are based on the IBM POWER7® and POWER7+™ processors. This advice is drawn from application optimization efforts across many different types of code that runs under the IBM AIX® and Linux operating systems, focusing on the more pervasive performance opportunities that are identified, and how to capitalize on them. The technical information was developed by a set of domain experts at IBM. The focus of this book is to gather the right technical information, and lay out simple guidance for optimizing code performance on the IBM POWER7 and POWER7+ systems that run the AIX or Linux operating systems. This book contains a large amount of straightforward performance optimization that can be performed with minimal effort and without previous experience or in-depth knowledge. This optimization work can: Improve the performance of the application that is being optimized for the POWER7 system Carry over improvements to systems that are based on related processor chips Improve performance on other platforms The audience of this book is those personnel who are responsible for performing migration and implementation activities on IBM POWER7-based servers, which includes system administrators, system architects, network administrators, information architects, and database administrators (DBAs).

THE BASIC SPANISH SERIES, BASIC SPANISH FOR GETTING ALONG, Enhanced Second Edition, is a communication manual designed to serve those who seek basic conversational skills in Spanish by presenting everyday situations that students may encounter when traveling or living in Spanish-speaking countries or when dealing with Spanish-speaking people in the United States. This worktext introduces essential vocabulary and provides students with opportunities to apply, in a wide variety of practical contexts, the grammatical structures presented in the corresponding lessons of the BASIC SPANISH core text. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

The amount of data being generated, processed, and stored has reached unprecedented levels. Even during the recent economic crisis, there has been no slow down or information recession. Instead, the need to process, move, and store data has only increased. Consequently, IT organizations are looking to do more with what they have while supporting gr Spark a passion for sailing and the outdoors in your child From the Moonbeam Children's Book Awards bronze medal winner! Ever since humankind began seafaring, boats and shoreline adventures have produced sturdy, independent, creative, self-reliant kids. From the author of the bestselling Complete Sailor and proud father of a boy mariner, here is the book for all parents who want to introduce their kids to the world of boats, boating, sailing, the shore, and the sea. It provides dozens of adventures and activities for kids, and a plethora of projects for you and your kids to do together. Topics range from how-to to fanciful, in random organization so that each excursion into the book turns up unrelated gems on facing pages. The Anti-Pirate Potato Cannon encourages your kid to get outdoors and on the water, to build things, to try things, to cultivate their curiosity, to learn self-reliance, and to get a giant dose of the magic of seaside adventure. Loaded with things for kids to do--build a rope ladder; build a Huck Finn raft from PVC pipe; catch and fillet a fish; go crabbing; skip a stone; body surf; waterski on bare feet; chart a cove; learn the great sea battles; build a sandcastle; navigate; win a sailboat race; paddle a sea kayak; and a whole lot more. Designed to cultivate a kid's curiosity about the natural world. Topics include: Where's the wind coming from; How high is that wave; An anti-pirate potato cannon; Brew your own biofuel; Make a dugout canoe; Build a Huck Finn raft from PVC pipe; Skip a stone; Build a sandcastle; Carve a paddle; Row a boat Escape a rip current; Go kite sailing; Navigate by the stars; Carve a half-hull model; What's on the bottom; A journey to the abyss; Don't wrestle an alligator; A dinghy camper; How to dive with mask and snorkel; Build a motorboat from cardboard tubes; Body surf; Recognize ships; Discipline in the Age of Sail: cat-o-nine tails, hanging from the yardarms; Steer without a rudder; Chapter 25. Tie up to a dock; Reading a lines drawing; Whatever floats your boat; Play nautical capture the flag; Paddle a sea kayas; Build a rowboat; Signal across the water; Capture plankton in a net; Tie knots and splices; Make a rope ladder; Make a chart of your favorite cove; Throw your own beach clam bake; Make a catboat-race weather vane; Fight off a shark; Heave a monkey's fist; Ski on your own bare feet; Fillet a fish... and cook it on your engine; Your own ditty bag; A proper sailor's knife; How to stand up on a PWC; How to get up on a wakeboard; Go clamming; Build a human pyramid on water skis; How to poop in a boat: How marine heads work; Diver's tube raft; Submarine a PWC; Survive a sinking; Finding east or west All you need is the north star; The bosun's pipe; Ships in a bottle; Five sea battles that changed history; Use the five secrets of winning a sailboat race; Make a viewing bucket to see underwater; Cast a fly; Survive a hurricane; The Eskimo roll; Stow that chart; Goggles from a soda bottle; Find fish fast; Repair a sail; Whalewatching; Go on a plastics hunt; Don't be left in the dark; Pets at sea: how to train your cat or dog for boating; The green and clean boat; Ride the disk; Go crabbing; Careers at sea; Pass your boating license exam; Origins of sea terms; The best way to coil rope; Carve a slalom turn; Keeping watch; Throwing a cast net; Keep what you catch - start an aquarium; Heroes of the Sea: Shackleton, Slocum, Day, Knox-Johnston, Heyerdahl, etc.; Books & Stories (Three Men in a Boat, Crunch and Des, Riddle of the Sands, Swallows and Amazons); Stage paintball sea battles; Read the messages in clouds; Get unlost in the fog: sager forecaster; Know how to handle waves; Semaphore signals; Glacier surfing; Great voyages by young mariners; Make a weather station With this book, managers and decision makers are given the tools to make more informed decisions about big data purchasing initiatives. Big Data Analytics: A Practical Guide for Managers

not only supplies descriptions of common tools, but also surveys the various products and vendors that supply the big data market. Comparing and contrasting the dif

The authors explore the history of man's thoughts about hepatic structure, function, and disorders, both chronologically and thematically. The first two chapters present the anatomy and physiology of the liver as explained through the ages. Subsequent chapters deal with hepatic function and disorders and therapies used to treat liver disease. The text is enhanced by chronological tables, extensive notes, and a bibliographic essay.

Today, cloud computing, big data, and the internet of things (IoT) are becoming indubitable parts of modern information and communication systems. They cover not only information and communication technology but also all types of systems in society including within the realms of business, finance, industry, manufacturing, and management. Therefore, it is critical to remain up-to-date on the latest advancements and applications, as well as current issues and challenges. The Handbook of Research on Cloud Computing and Big Data Applications in IoT is a pivotal reference source that provides relevant theoretical frameworks and the latest empirical research findings on principles, challenges, and applications of cloud computing, big data, and IoT. While highlighting topics such as fog computing, language interaction, and scheduling algorithms, this publication is ideally designed for software developers, computer engineers, scientists, professionals, academicians, researchers, and students.

AutoCAD and Its Applications-Basics is a useful tool for both classroom instruction and independent study. The heavily illustrated text not only tells you how to use AutoCAD, it also shows you how to use AutoCAD. In addition to teaching AutoCAD, this text serves as a valuable resource once you begin a career in the drafting and design industry. Whether you are learning AutoCAD for the first time or updating your skills, this book is a must. AutoCAD and Its Applications-Basics provides complete instruction in 2D drafting and AutoCAD tools. It features complete coverage of AutoCAD drawing and editing commands and additional topics, including dimensioning, parametric drafting, hatching techniques, dynamics blocks, layouts and plotting, annotative objects, external references, and sheet sets. Heavily illustrated to make learning easy. Step-by-step use of AutoCAD commands. Exercises on the companion website correlated to each chapter reinforce AutoCAD concepts. End-of-chapter review questions and drawing problems check comprehension. End-of-chapter practice questions and problems for the AutoCAD Certified Professional Exam help students prepare for professional-level certification.

This book constitutes the thoroughly refereed post-proceedings of the 4th International Workshop on Peer-to-Peer Systems, IPTPS 2005, held at Cornell University, Ithaca, NY, USA, in February 2005. The 24 revised full papers were carefully selected during two rounds of reviewing and improvements from 123 submissions. The papers document the state of the art in peer-to-peer computing research. They are organized in topical sections on security and incentives, search, multicast, overlay algorithms, empirical studies, and network locality. The proceedings also include a report with a summary of discussions held at the workshop.

Panda Coloring Book For Kids. Fun Cute And Stress Relieving Panda Coloring Book Gift For Kids

Preface International conferences are not organized overnight—especially not when high ranking personalities from politics, business and academia should be offered an adequate platform for addressing and discussing highly relevant contemporary issues. The conference on “The Role of Law and Ethics in the Globalized Economy,” which took place on May 22 and 23, 2008 in the Bavarian Academy of Sciences and Humanities in Munich, was no exception. When the first preparations started at the end of 2006, neither the subprime crises nor the general crises of the global financial system, whose shock waves have rocked the financial businesses in subsequent months, were known; nor were they predictable or even imaginable. Based on our monitoring of the globalization process and its apparent impact—not only on the economic and technological environment, but also on the social environment—it was appropriate for the conference to begin by serving as a platform for analysing the status quo of the process of globalization, as relevant to politics, business and academia, and for exploring how the interest groups in those domains cope with the challenges of globalization. In the end, however, the purpose of the conference was to produce proposals for conditions for “upwards” global competition, meaning that minimum conditions should be worked out to enable people to live and labour humanely. Such conditions would be those which should help avoid otherwise inevitable frictions in society, both nationally and internationally.

Big Data Analytics A Practical Guide for Managers CRC Press

Brian Haycock was a cabdriver--who happened to be a Buddhist. During the course of his career as a cabdriver, he learned that each fare provided an opportunity to learn the life lessons of the Buddha. So, hop in and buckle up; we'll be making several stops on this trip. We're off on our journey to self-discovery, passing through the precepts, the four noble truths, taking a hard left to stop and get coffee--where we'll learn a few breathing techniques to bolster our patience--all the while watching for ambulances and bikers, focusing our attention and awareness so that we can arrive at our destination in good time and in one piece. Here are stories from everyday life that demonstrate how we can all benefit from a little Buddhist philosophy or practice. With each chapter focusing on a specific topic, readers will learn to coast their way to building a life routine, focusing the mind, calming themselves with breathing exercises, and much much more.

A resilient storage network is an environment where data is always available for the needs of the business. This book explains the components, as well as how to design and implement a resilient storage network for workgroup, departmental, and enterprise environments. Storage networks are an enabling capability combining technology and best practices to provide the foundation to support information technology systems and applications. Storage networks can be of various sizes, shapes, and technologies. This book shows you how to implement a resilient storage network infrastructure using different technologies including ATM, DWDM, FCIP, Fibre Channel, FICON, iFCP, InfiniBand, IP, iSCSI, Life Cycle Management, NAS, Object Based Storage, RAID, RDMA, Remote Mirroring, Replication, SAN, SCSI, SMI-S, SONET/SDH, Storage Services, Tape, Virtualization, and Volume Managers. *Important information is clarified and put into context to separate myths and realities *Covers storage networking technologies (hardware, software, networks) and practices *Numerous tips and recommendations allow the reader to quickly understand best practices *Checklists, templates and examples show potential solutions

Notable author Katsuhiko Ogata presents the only new book available to discuss, in sufficient detail, the details of MATLAB® materials needed to solve many analysis and design problems

associated with control systems. Complements a large number of examples with in-depth explanations, encouraging complete understanding of the MATLAB approach to solving problems. Distills the large volume of MATLAB information available to focus on those materials needed to study analysis and design problems of deterministic, continuous-time control systems. Covers conventional control systems such as transient response, root locus, frequency response analyses and designs; analysis and design problems associated with state space formulation of control systems; and useful MATLAB approaches to solve optimization problems. A useful self-study guide for practicing control engineers.

An Act of God (previously published as The Last Testament: A Memoir) is now a major Broadway show starring Jim Parsons (The Big Bang Theory) and directed by Joe Mantello (Wicked) Over the course of his long and distinguished career, God has literally seen it all. And not just seen. In fact, the multitalented deity has played a pivotal role in many major events, including the Creation of the universe, the entirety of world history, and the successful transitioning of American Idol into the post-Simon Cowell era. Sometimes preachy, sometimes holier-than-thou, but always lively, An Act of God is the ultimate celebrity autobiography.

This language program emphasizes the importance of pronouncing French words and phrases so that the speaker can be understood by the French and French Canadians. It presents exercises in sound discrimination and accurate sound creation—for example instructing in pronunciation of French vowel sounds and nasals such as eu and oei, which many English speakers find especially difficult to master. Words and sounds are put into a variety of conversational contexts for students of French to practice and perfect. It provides the added convenience of audio compact discs to replace the old tape cassettes. The book includes the IPA (International Phonetic Alphabet) as a pronunciation guide.

Software-Defined Data Infrastructures Essentials provides fundamental coverage of physical, cloud, converged, and virtual server storage I/O networking technologies, trends, tools, techniques, and tradecraft skills. From webscale, software-defined, containers, database, key-value store, cloud, and enterprise to small or medium-size business, the book is filled with techniques, and tips to help develop or refine your server storage I/O hardware, software, and services skills. Whether you are new to data infrastructures or a seasoned pro, you will find this comprehensive reference indispensable for gaining as well as expanding experience with technologies, tools, techniques, and trends. We had a front row seat watching Greg present live in our education workshop seminar sessions for ITC professionals in the Netherlands material that is in this book. We recommend this amazing book to expand your converged and data infrastructure knowledge from beginners to industry veterans. —Gert and Frank Brouwer, Brouwer Storage Consultancy Software-Defined Data Infrastructures Essentials provides the foundational building blocks to improve your craft in several areas including applications, clouds, legacy, and more. IT professionals, as well as sales professionals and support personnel, stand to gain a great deal by reading this book.—Mark McSherry, Oracle Regional Sales Manager Looking to expand your data infrastructure IQ? From CIOS to operations, sales to engineering, this book is a comprehensive reference, a must read for IT infrastructure professionals, beginners to seasoned experts.—Tom Becchetti, Advisory Systems Engineer Greg Schulz has provided a complete 'toolkit' for storage management along with the background and framework for the storage or data infrastructure professional or those aspiring to become one.—Greg Brunton, Experienced Storage and Data Management Professional

Coloring, your children will learn more about their signs, the stars and the knowledge

Originally released in 1990, The New American History edited for the American Historical Association by Eric Foner, has become an indispensable volume for teachers and students. In essays that chart the shifts in interpretation within their fields, some of our most prominent American historians survey the key works and themes in the scholarship of the last three decades. Along with substantially revised essays from the first edition, this volume presents three entirely new ones - on intellectual history, the history of the West, and the histories of the family and sexuality. The second edition of The New American History reflects, in Foner's words, "the continuing vitality and creativity of the study of the past, how traditional fields are being expanded and redefined even as new ones are created." Author note: Eric Foner is DeWitt Clinton Professor of History at Columbia University. He is the author of numerous books, including Reconstruction, 1863-1877 which was awarded the Bancroft Prize.

Problem Solving Is A Vital Requirement For Any Aspiring Engineer. This Book Aims To Develop This Ability In Students By Explaining The Basic Principles Of Mechanics Through A Series Of Graded Problems And Their Solutions. Each Chapter Begins With A Quick Discussion Of The Basic Concepts And Principles. It Then Provides Several Well Developed Solved Examples Which Illustrate The Various Dimensions Of The Concept Under Discussion. A Set Of Practice Problems Is Also Included To Encourage The Student To Test His Mastery Over The Subject. The Book Would Serve As An Excellent Text For Both Degree And Diploma Students Of All Engineering Disciplines. Amie Candidates Would Also Find It Most Useful.

The fresh, astonishing follow-up to the acclaimed Low Town, again combining steely hardboiled crime with dark fantasy Once he was a hero of the Great War, and then a member of the dreaded Black House. Now he is the criminal linchpin of Low Town. His name is Warden. He thought he had left the war behind him, but a summons from up above brings the past sharply, uncomfortably, back into focus. General Montgomery's daughter is missing somewhere in Low Town, searching for clues about her brother's murder. The General wants her found, before the stinking streets can lay claim to her, too. Dark, violent, and shot through with corruption, this book is a fantastic successor to a much-heralded fantasy debut.

These books aim to present a synthesis of the currently available syntactic knowledge of the Hungarian language, rooted in theory but providing highly detailed descriptions, and intended to be of use to researchers, as well as advanced students of language and linguistics. As research in language leads to extensive changes in our understanding and representations of grammar, the Comprehensive Grammar Resources series intends to present the most current understanding of grammar and syntax as completely as possible in a way that will both speak to modern linguists and serve as a resource for the non-specialist.

With the immense amount of data that is now available online, security concerns have been an issue from the start, and have grown as new technologies are increasingly integrated in data collection, storage, and transmission. Online cyber threats, cyber terrorism, hacking, and other cybercrimes have begun to take advantage of this information that can be easily accessed if not properly handled. New privacy and security measures have been developed to address this cause for concern and have become an essential area of research within the past few years and into the foreseeable future. The ways in which data is secured and privatized should be discussed in terms of the technologies being used, the methods and models for security that have been

developed, and the ways in which risks can be detected, analyzed, and mitigated. The Research Anthology on Privatizing and Securing Data reveals the latest tools and technologies for privatizing and securing data across different technologies and industries. It takes a deeper dive into both risk detection and mitigation, including an analysis of cybercrimes and cyber threats, along with a sharper focus on the technologies and methods being actively implemented and utilized to secure data online. Highlighted topics include information governance and privacy, cybersecurity, data protection, challenges in big data, security threats, and more. This book is essential for data analysts, cybersecurity professionals, data scientists, security analysts, IT specialists, practitioners, researchers, academicians, and students interested in the latest trends and technologies for privatizing and securing data.

Discover an insightful examination of the property investment appraisal process from leaders in the industry This book explains the process of property investment appraisal: the process of estimating both the most likely selling price (market value) and the worth of property investments to individuals or groups of investors (investment value). Valuations are important. They are used as a surrogate for transactions in the measurement of investment performance and they influence investors and other market operators when transacting property. Valuations need to be trusted by their clients and valuers need to produce rational and objective solutions. Appraisals of worth are even more important, as they help to determine the prices that should be paid for assets, even in times of crisis, and they can indicate market under- or over-pricing. In a style that makes the theory as well as the practice of valuation accessible to students and practitioners, the authors provide a valuable critique of conventional valuation methods and argue for the adoption of more contemporary cash-flow methods. They explain how such valuation models are constructed and give useful examples throughout. They also show how these contemporary cash-flow methods connect market valuations with rational appraisals. The UK property investment market has been through periods of both boom and bust since the first edition of this text was produced in 1988. As a result, the book includes examples generated by vastly different market states. Complex reversions, over-rented properties and leaseholds are all fully examined by the authors. This Fourth Edition includes new material throughout, including brand new chapters on development appraisals and bank lending valuations, heavily revised sections on discounted cash flow models with extended examples, and on the measurement and analysis of risk at an individual property asset level. The heart of the book remains the critical examination of market valuation models, which no other book addresses in such detail.

The Green and Virtual Data Center sets aside the political aspects of what is or is not considered green to instead focus on the opportunities for organizations that want to sustain environmentally-friendly economical growth. If you are willing to believe that IT infrastructure resources deployed in a highly virtualized manner can be combined with other technologies to achieve simplified and cost-effective delivery of services in a green, profitable manner, this book is for you. Savvy industry veteran Greg Schulz provides real-world insight, addressing best practices, server, software, storage, networking, and facilities issues concerning any current or next-generation virtual data center that relies on underlying physical infrastructures. Coverage includes: Energy and data footprint reduction Cloud-based storage and computing Intelligent and adaptive power management Server, storage, and networking virtualization Tiered servers and storage, network, and data centers Energy avoidance and energy efficiency Many current and emerging technologies can enable a green and efficient virtual data center to support and sustain business growth with a reasonable return on investment. This book presents virtually all critical IT technologies and techniques to discuss the interdependencies that need to be supported to enable a dynamic, energy-efficient, economical, and environmentally-friendly green IT data center. This is a path that every organization must ultimately follow. Take a tour of the Green and Virtual Data Center website. CRC Press is pleased to announce that The Green and Virtual Data Center has been added to Intel Corporation's Recommended Reading List. Intel's Recommended Reading program provides technical professionals a simple and handy reference list of what to read to stay abreast of new technologies. Dozens of industry technologists, corporate fellows, and engineers have helped by suggesting books and reviewing the list. This is the most comprehensive reading list available for professional computer developers.

ZFS improves everything about systems administration. Once you peek under the hood, though, ZFS' bewildering array of knobs and tunables can overwhelm anyone. ZFS experts can make their servers zing—and now you can, too, with FreeBSD Mastery: Advanced ZFS. This small book teaches you to:

- Use boot environments to make the riskiest sysadmin tasks boring
- Delegate filesystem privileges to users
- Containerize ZFS datasets with jails
- Quickly and efficiently replicate data between machines
- split layers off of mirrors
- optimize ZFS block storage
- handle large storage arrays
- select caching strategies to improve performance
- manage next-generation storage hardware
- identify and remove bottlenecks
- build screaming fast database storage
- dive deep into pools, metaslabs, and more!

Whether you manage a single small server or international datacenters, simplify your storage with FreeBSD Mastery: Advanced ZFS.

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