Anaya Sql Bank

As business cycles speed up, many customers gain significant competitive advantage from quicker and more accurate business decision-making by using real data. For many customers, choosing the path to co-locate their transactional and analytical workloads on System z® better leverages their existing investment in hardware, software, and skills. We created a project to address a number of best practice questions on how to manage these newer, analytical type workloads, especially when co-located with traditional transactional workloads. The goal of this IBM® Redbooks® publication is to provide technical guidance and performance trade-offs associated with resource management and potentially DB2® data-sharing in a variety of mixed transactional / data warehouse System z topologies. The term co-location used here and in the rest of the book is specifically defined as the practice of housing both transactional (OLTP) and data warehouse (analytical) workloads within the same System z configuration. We also assumed that key portions of the transactional and data warehouse databases would reside on DB2 for z/OS®. The databases may or may not reside in a DB2 data-sharing environment; we discuss those pros and cons in this book. The intended audience includes DB2 data warehouse architects and practitioners who are facing choices in resource management and system topologies in the data warehouse arena. This specifically includes Business Intelligence (BI) administrators, DB2 database administrators (DBAs) and z/OS performance administrators / systems programmers. In addition, decision makers and architects can utilize this book to assist in making platform and database topology decisions. The book is divided into four parts. Part I, "Introducing the co-location project" covers the System z value proposition and why one should consider System z as the central platform for their data warehousing / business analytics needs. Some topics are risk avoidance via data consolidation, continuous availability, simplified disaster recovery, IBM Smart Analytics Optimizer, reduced network bandwidth requirements, and the unique virtualization and resource management capabilities of System z LPAR, z/VM® and WLM. Part I also provides some of the common System z co-location topologies along with an explanation of the general pros and cons of each. This would be useful input for an architect to understand where a customer is today and where they might consider moving to. Part II, "Project environment" covers the environment, products, workloads, workload drivers, and data models implemented for this study. The environment consisted of a logically partitioned z10TM 32way, running z/VM, Linux®, and z/OS operating system instances. On those instances we ran products such as z/OS DB2 V9, IBM Cognos® Business Intelligence Version 8.4 for Linux on System z, InfoSphereTM Warehouse for System z, InfoSphere Change Data Capture, z/OS WebSphere® V7, Tivoli® Omegamon for DB2 Performance expert. Utilizing these products we created transactional (OLTP), data warehouse query, and data warehouse refresh workloads. All the workloads were based on an existing web-based transactional Bookstore workload, that's currently utilized for internal testing within the System p® and z labs. While some IBM Cognos BI and ISWz product usage and experiences information is covered in this book, we do not go into the depth typically found in IBM Redbooks publications, since there's another book focused specifically on that

This book addresses emerging issues resulting from the integration of artificial intelligence systems in our daily lives. It focuses on the cognitive, visual, social and analytical aspects of computing and intelligent technologies, highlighting ways to improve the acceptance, effectiveness, and efficiency of said technologies. Topics such as responsibility, integration and training are discussed throughout. The book also reports on the latest advances in systems engineering, with a focus on societal challenges and next-generation systems and applications for meeting them. The book is based on two AHFE 2019 Affiliated Conferences – on Artificial Intelligence and Social Computing, and on Service, Software, and Systems Engineering –, which were jointly held on July 24–28, 2019, in Washington, DC, USA.

This book contains the papers accepted for presentation and publication in the wo- shop proceedings of the 28th edition of the International Conference on Conceptual Modeling (ER Conference), held during November 9–12, 2009, in Gramado, Brazil. The ER workshops complement the main ER conference and are intended to serve as an intensive collaborative forum for exchanging late-breaking ideas and theories in an evolutionary stage and related to conceptual modeling. For the 2009 edition the workshop committee received 14 excellent proposals from which the following were selected: • ACM-L: Active Conceptual Modeling of Learning • CoMoL: Conceptual Modeling in the Large • ETheCoM: Evolving Theories of Conceptual Modeling • FP-UML: Workshop on Foundations and Practices of UML • MOST-ONISW: Joint International Workshop on Metamodels, Ontologies, Semantic Technologies, and Information Systems for the Semantic Web • QoIS: Quality of Information Systems • RIGiM: Requirements, Intentions and Goals in Conceptual Modeling • SeCoGIS: Semantic and Conceptual Issues in Geographic Information Systems These workshops attracted 100 submissions from which the workshop program c- mittees selected 33 papers, maintaining a highly competitive acceptance rate of 30%. The workshop co-chairs are highly indebted to the workshop organizers and p- gram committees for their work. July 2009 Carlos A. Heuser Günther Pernul

Comprehensive directory of databases as well as services "involved in the production and distribution of information in electronic form." There is a detailed subject index and function/service classification as well as name, keyword, and geographical location indexes.

Data analytics is core to business and decision making. The rapid increase in data volume, velocity and variety offers both opportunities and challenges. While open source solutions to store big data, like Hadoop, offer platforms for exploring value and insight from big data, they were not originally developed with data security and governance in mind. Big Data Management discusses numerous policies, strategies and recipes for managing big data. It addresses data security, privacy, controls and life cycle management offering modern principles and open source architectures for successful governance of big data. The author has collected best practices from the world's leading organizations that have successfully implemented big data platforms. The topics discussed cover the entire data management life cycle, data quality, data stewardship, regulatory considerations, data council, architectural and operational models are presented for successful management of big data. The book is a must-read for data scientists, data engineers and corporate leaders who are implementing big data platforms in their organizations.

This book constitutes the refereed proceedings of the 15th International Conference on Artificial Intelligence in Education, AIED 2011, held in Auckland, New Zealand in June/July 2011. The 49 revised full papers presented together with three invited talks and extended abstracts of poster presentations, young researchers contributions and interactive systems reports and workshop reports were carefully reviewed and selected from a total of 193 submissions. The papers report on technical advances in and cross-fertilization of approaches and ideas from the

many topical areas that make up this highly interdisciplinary field of research and development including artificial intelligence, agent technology, computer science, cognitive and learning sciences, education, educational technology, game design, psychology, philosophy, sociology, anthropology and linguistics.

The style and approach of the book is an easytoread SharePoint admin guide. This is not a stepbystep instruction book, but rather a guide on how to implement and execute a disaster recovery plan to your SharePoint environment.This book is great for both SharePoint and SQL administrators new to the SharePoint 2013 architecture, and who are looking to get a good grounding in how to use implement a solid disaster recoveryrecovery plan. It's assumed that you have some experience in SharePoint and Windows Server and, as well be familiar with SQL.

Python is an object-oriented, scripting language that is used in wide range of categories. In software engineering, a design pattern is a recommended solution to a software design problem. Although not new, design patterns remain one of the hottest topics in software engineering and they come as a ready reference for software developers to ...

This volume provides a comprehensive overview of the major applications and potential of fungal biotechnology. The respective chapters report on the latest advances and opportunities in each topic area, proposing new and sustainable solutions to some of the major challenges faced by modern society. Aimed at researchers and biotechnologists in academia and industry, it represents essential reading for anyone interested in fungal biotechnology, as well as those working within the broader area of microbial biotechnology. Written in an accessible language, the book also offers a valuable reference resource for decision-makers in government and at non-governmental organizations who are involved in the development of cleaner technologies and the global bioeconomy. The 21st century is characterized by a number of critical challenges in terms of human health, developing a sustainable bioeconomy, facilitating agricultural production, and establishing practices that support a cleaner environment. While there are chemical solutions to some of these challenges, developing bio-based approaches is becoming increasingly important. Filamentous fungi, 'the forgotten kingdom,' are a group of unique organisms whose full potential has yet to be revealed. Some key properties, such as their exceptional capacity to secrete proteins into the external environment, have already been successfully harnessed for the production of industrial enzymes and cellulosic biofuels. Many further aspects discussed here –such as feeding the hungry with fungal protein, and the potential applications of the various small molecules produced by fungi –warrant further exploration. In turn, the book covers the use of fungal cell factories to produce foreign molecules, e.g. for therapeutics. Strategies including molecular approaches to strain improvement, and recent advances in high-throughput technologies, which are key to finding better products and producers, are also addressed. Lastly, the book discusses the advent of synthetic biology, which is destined to greatly expand the scope of fungal biotechnology. The chapter "Fungal Biotechnology in Space: Why and How?" is available open access under a Creative Commons Attribution 4.0 International License at link.springer.com.

A mysterious portrait ignites an antiquarian bookseller's search through time and the works of Shakespeare for his lost love. Charlie Lovett's new book, The Lost Book of the Grail, is now available. Guaranteed to capture the hearts of everyone who truly loves books, The Bookman's Tale is a former bookseller's sparkling novel and a delightful exploration of one of literature's most tantalizing mysteries with echoes of Shadow of the Wind and A.S. Byatt's Possession. Nine months after the death of his beloved wife Amanda left him shattered, Peter Byerly, a young antiquarian bookseller, relocates from North Carolina to the English countryside, hoping to outrun his grief and rediscover the joy he once took in collecting and restoring rare books. But upon opening an eighteenth-century study of Shakespeare forgeries, he discovers a Victorian watercolor of a woman who bears an uncanny resemblance to Amanda. Peter becomes obsessed with learning the picture's origins and braves a host of dangers to follow a trail of clues back across the centuries—all the way to Shakespeare's time and a priceless literary artifact that could prove, once and for all, the truth about the Bard's real identity.

"This book examines the benefits and costs associated with the utilization of technology-mediated instructional environments, recognizing that instructional technology could offer alternative means of communication for understanding"--Provided by publisher.

A Smart Grid delivers renewable energy as a main source of electricity from producers to consumers using two-way monitoring through Smart Meter technology that can remotely control consumer electricity use. This can help to storage excess energy; reduce costs, increase reliability and transparency, and make processes more efficiently. Smart Grids: Opportunities, Developments, and Trends discusses advances in Smart Grid in today's dynamic and rapid growing global economical and technological environments. Current development in the field are systematically explored with an introduction, detailed discussion and an experimental demonstration. Each chapter also includes the future scope and ongoing research for each topic. Smart Grids: Opportunities, Developments, and Trends provides up to date knowledge, research results, and innovations in Smart Grids spanning design, implementation, analysis and evaluation of Smart Grid solutions to the challenging problems in all areas of power industry. Providing a solid foundation for graduate and postgraduate students, this thorough approach also makes Smart Grids: Opportunities, Developments, and Trends a useful resource and hand book for researchers and practitioners in Smart Grid research. It can also act as a guide to Smart Grids for industry professionals and engineers from different fields working with Smart Grids.

This book features research presented and discussed during the Research & Innovation Forum (Rii Forum) 2019. As such, this volume offers a unique insight into emerging topics, issues and developments pertinent to the fields of technology, innovation and education and their social impact. Papers included in this volume apply inter- and multi-disciplinary approaches to query such issues as technology-enhanced teaching and learning, smart cities,, information systems, cognitive computing and social networking. What brings these threads of the discussion together is the question of how advances in computer science – which are otherwise largely incomprehensible to researchers from other fields – can be effectively translated and capitalized on so as to make them beneficial for society as a whole. In this context, Rii Forum and Rii Forum proceedings offer an essential venue where diverse stakeholders, including academics, the think tank sector and decision-makers, can engage in a meaningful dialogue with a view to improving the applicability of advances in computer science. In brief, Rii Forum takes the imperative inherent in the 4th industrial revolution seriously, in that it identifies ways of making technology usable and therefore inclusive.

This book constitutes the thoroughly refereed proceedings of ten international workshops held in London, UK, in conjunction with the 23rd International Conference on Advanced Information Systems Engineering, CAiSE 2011, in June 2011. The 59 revised papers were carefully selected from 139 submissions. The ten workshops included Business/IT Alignment and Interoperability (BUSITAL), Conceptualization of Modelling Methods (CMM), Domain Specific Engineering (DsE@CAiSE), Governance, Risk and Compliance (GRCIS), Integration of IS Engineering Tools (INISET), System and Software Architectures (IWSSA), Ontology-Driven Information Systems Engineering (ODISE), Ontology, Models, Conceptualization and Epistemology in Social, Artificial and Natural Systems (ONTOSE), Semantic Search (SSW), and Information Systems Security Engineering (WISSE).

This engaging and clearly written textbook/reference provides a must-have introduction to the rapidly emerging interdisciplinary field of data science. It focuses on the principles fundamental to becoming a good data scientist and the key skills needed to build systems for collecting, analyzing, and interpreting data. The Data Science Design Manual is a source of practical insights that highlights what really matters in analyzing data, and provides an intuitive understanding of how these core concepts can be used. The book does not emphasize any particular programming language or suite of data-analysis tools,

focusing instead on high-level discussion of important design principles. This easy-to-read text ideally serves the needs of undergraduate and early graduate students embarking on an "Introduction to Data Science" course. It reveals how this discipline sits at the intersection of statistics, computer science, and machine learning, with a distinct heft and character of its own. Practitioners in these and related fields will find this book perfect for self-study as well. Additional learning tools: Contains "War Stories," offering perspectives on how data science applies in the real world Includes "Homework Problems," providing a wide range of exercises and projects for self-study Provides a complete set of lecture slides and online video lectures at www.data-manual.com Provides "Take-Home Lessons," emphasizing the big-picture concepts to learn from each chapter Recommends exciting "Kaggle Challenges" from the online platform Kaggle Highlights "False Starts," revealing the subtle reasons why certain approaches fail Offers examples taken from the data science television show "The Quant Shop" (www.quant-shop.com)

Dr. Greg Zacharias, former Chief Scientist of the United States Air Force (2015-18), explores next steps in autonomous systems (AS) development, fielding, and training. Rapid advances in AS development and artificial intelligence (AI) research will change how we think about machines, whether they are individual vehicle platforms or networked enterprises. The payoff will be considerable, affording the US military significant protection for aviators, greater effectiveness in employment, and unlimited opportunities for novel and disruptive concepts of operations. Autonomous Horizons: The Way Forward identifies issues and makes recommendations for the Air Force to take full advantage of this transformational technology.

This book constitutes the thoroughly refereed proceedings of the 8th International Congress on Telematics and Computing, WITCOM 2019, held in Merida, Mexico, in November 2019. The 31 full papers presented in this volume were carefully reviewed and selected from 78 submissions. The papers are organized in topical sections: ?GIS & climate change; telematics & electronics; artificial intelligence & machine learning; software engineering & education; internet of things; and informatics security.

This volume constitutes refereed proceedings of the 5th International Conference on Digital Transformation and Global Society, DTGS 2020, held in St. Petersburg, Russia, in June 2020. Due to the COVID-19 pandemic the conference was held online. The 30 revised full papers and 6 short papers presented in the volume were carefully reviewed and selected from 108 submissions. The papers are organized in topical sections on e-society: virtual communities and online activism; e-society: computational social science; e-polity: governance and politics on the Internet; e-city: smart cities and urban governance; e-economy: digital economy and consumer behavior; e-humanities: digital culture and education; e-health: international workshop "E-Health: 4P-medicine & Digital Transformation".

This book contains the refereed proceedings of the 13th International Conference on Business Information Systems, BIS 2010, held in Berlin, Germany, in May 2010. The 25 revised full papers were carefully reviewed and selected from more than 80 submissions. Following the theme of the conference "Future Internet Business Services", the contributions detail recent research results and experiences and were grouped in eight sections on search and knowledge sharing, data and information security, Web experience modeling, business processes and rules, services and repositories, data mining for processes, visualization in business process management, and enterprise resource planning and supply chain management.

This book constitutes the proceedings of the 1st International Conference on Advances in Emerging Trends and Technologies (ICAETT 2019), held in Quito, Ecuador, on 29–31 May 2019, jointly organized by Universidad Tecnológica Israel, Universidad Técnica del Norte, and Instituto Tecnológico Superior Rumiñahui, and supported by SNOTRA. ICAETT 2019 brought together top researchers and practitioners working in different domains of computer science to share their expertise and to discuss future developments and potential collaborations. Presenting high-quality, peer-reviewed papers, the book discusses the following topics: Technology Trends Electronics Intelligent Systems Machine Vision Communication Security e-Learning e-Business e-Government and e-Participation

Develop your programming skills by exploring essential topics such as code reviews, implementing TDD and BDD, and designing APIs to overcome code inefficiency, redundancy, and other problems arising from bad code Key Features Write code that cleanly integrates with other systems while maintaining well-defined software boundaries Understand how coding principles and standards enhance software quality Learn how to avoid common errors while implementing concurrency or threading Book Description Traditionally associated with developing Windows desktop applications and games, C# is now used in a wide variety of domains, such as web and cloud apps, and has become increasingly popular for mobile development. Despite its extensive coding features, professionals experience problems related to efficiency, scalability, and maintainability because of bad code. Clean Code in C# will help you identify these problems and solve them using coding best practices. The book starts with a comparison of good and bad code, helping you understand the importance of coding standards, principles, and methodologies. You'll then get to grips with code reviews and their role in improving your code while ensuring that you adhere to industry-recognized coding standards. This C# book covers unit testing, delves into test-driven development, and addresses cross-cutting concerns. You'll explore good programming practices for objects, data structures, exception handling, and other aspects of writing C# computer programs. Once you've studied API design and discovered tools for improving code quality, you'll look at examples of bad code and understand which coding practices you should avoid. By the end of this clean code book, you'll have the developed skills you need in order to apply industry-approved coding practices to write clean, readable, extendable, and maintainable C# code. What you will learn Write code that allows software to be modified and adapted over time Implement the fail-pass-refactor methodology using a sample C# console application Address cross-cutting concerns with the help of software design patterns Write custom C# exceptions that provide meaningful information Identify poor quality C# code that needs to be refactored Secure APIs with API keys and protect data using Azure Key Vault Improve your code's performance by using tools for profiling and refactoring Who this book is for This coding book is for C# developers, team leads, senior software engineers, and software architects who want to improve the efficiency of their legacy systems. A strong understanding of C# programming is required.

Explains how to install more memory, upgrade a processor, add a hard drive, configure modems, upgrade a motherboard, network with Windows, and change operating systems

Experienced HTML authors, Webmaster, and Intranet programmers will find this book one of the fastest ways to learn CGI programming. Topics include catalog, search engine, order forms, database referencing, and user feedback scripts. Real world examples emphasize creating forms and user-driven, interactive Web sites.

"Shows how to recognize NP-complete problems and offers proactical suggestions for dealing with them effectively. The book covers the basic theory of NP-completeness, provides an overview of alternative directions for further research, and contains and extensive list of NP-complete and NP-hard problems, with more than 300 main entries and several times as many

results in total. [This book] is suitable as a supplement to courses in algorithm design, computational complexity, operations research, or combinatorial mathematics, and as a text for seminars on approximation algorithms or computational complexity. It provides not only a valuable source of information for students but also an essential reference work for professionals in computer science"--Back cover.

Co-locating Transactional and Data Warehouse Workloads on System zIBM Redbooks

Data is the new Gold and Analytics is the machinery to mine, mold and mint it. Data analytics has become core to business and decision making. The rapid increase in data volume, velocity and variety, known as big data, offers both opportunities and challenges. While open source solutions to store big data, like Hadoop and NoSQL offer platforms for exploring value and insight from big data, they were not originally developed with data security and governance in mind. Organizations that are launching big data initiatives face significant challenges for managing this data effectively. In this book, the author has collected best practices from the world's leading organizations who have successfully implemented big data platforms. He offers the latest techniques and methods for managing big data effectively. The book offers numerous policies, strategies and recipes for managing big data. It addresses many issues that are prevalent with data security, privacy, controls and life cycle management offering modern principles and open source architectures for successful governance of big data. Topics that cover the entire data management life cycle, data quality, data stewardship, regulatory considerations, data council, architectural and operational models are presented for successful management of big data. The book is a must-read for data scientists, data engineers and information technology leaders who are implementing big data platforms in their organizations.

Up-to-date information on methods is crucial in this rapidly advancing field. This compendium includes the latest information on generating, applying and analyzing DNA as well as step-by-step detail and troubleshooting tips and advice from experts.

This timely text/reference presents a detailed introduction to the essential aspects of computer network forensics. The book considers not only how to uncover information hidden in email messages, web pages and web servers, but also what this reveals about the functioning of the Internet and its core protocols. This, in turn, enables the identification of shortcomings and highlights where improvements can be made for a more secure network. Topics and features: provides learning objectives in every chapter, and review questions throughout the book to test understanding; introduces the basic concepts of network process models, network forensics frameworks and network forensics tools; discusses various techniques for the acquisition of packets in a network forensics system, network forensics analysis, and attribution in network forensics; examines a range of advanced topics, including botnet, smartphone, and cloud forensics; reviews a number of freely available tools for performing forensic activities.

This book covers the field of machine learning, which is the study of algorithms that allow computer programs to automatically improve through experience. The book is intended to support upper level undergraduate and introductory level graduate courses in machine learning.

This volume constitutes the proceedings of the combined 7th International Workshop on Trends in Enterprise Architecture Research (TEAR 2012) and the 5th Working Conference on Practice-Driven Research on Enterprise Transformation (PRET-5), held in Barcelona, Spain, October 23-24, 2012, and co-located with The Open Group's Conference on Enterprise Architecture, Cloud Computing, and Security. Joining the forces of the two events with The Open Group Conference provided the unique opportunity for an intensive exchange between practitioners as well as for discussions on standardization efforts and academic research in the areas of enterprise transformation and enterprise architecture (EA). Based on careful reviews by at least three Program Committee members, 18 papers were chosen for inclusion in these proceedings. They were presented in six sessions on enterprise architecture management (EAM) effectivity, languages for EA, EAM and the ability to change, advanced topics in EA, governing enterprise transformations, and EA applications.

Celebrate the thirtieth anniversary of the Newbery Honor–winning survival novel Hatchet with a pocket-sized edition perfect for travelers to take along on their own adventures. This special anniversary edition includes a new introduction and commentary by author Gary Paulsen, pen-and-ink illustrations by Drew Willis, and a water resistant cover. Hatchet has also been nominated as one of America's best-loved novels by PBS's The Great American Read. Thirteen-year-old Brian Robeson, haunted by his secret knowledge of his mother's infidelity, is traveling by single-engine plane to visit his father for the first time since the divorce. When the plane crashes, killing the pilot, the sole survivor is Brian. He is alone in the Canadian wilderness with nothing but his clothing, a tattered windbreaker, and the hatchet his mother had given him as a present. At first consumed by despair and self-pity, Brian slowly learns survival skills—how to make a shelter for himself, how to hunt and fish and forage for food, how to make a fire—and even finds the courage to start over from scratch when a tornado ravages his campsite. When Brian is finally rescued after fifty-four days in the wild, he emerges from his ordeal with new patience and maturity, and a greater understanding of himself and his parents.

"The thirteenth edition of Modern Database Management expands and improves its coverage of the latest principles, concepts, and technologies. With a strong focus on business systems development, the book explores the foundational knowledge and skills that database developers need for professional success. This edition is also designed to be more accessible to readers and includes a new framework to better understand data management from a broader perspective."--Cover.

Businesses today want actionable insights into their data—they want their data to reveal itself to them in a natural and user–friendly form. What could be more natural than human language? Natural–language search is at the center of a storm of ever–increasing web–driven demand for human–computer communication and information access. SQL Server 2008 provides the tools to take advantage of the features of its built–in enterprise–level natural–language search engine in the form of integrated full–text search (iFTS). iFTS uses text–aware relational queries to provide your users with fast access to content. Whether you want to set up an enterprise–wide Internet or intranet search engine or create less ambitious natural–language search applications, this book will teach you how to get the most out of SQL Server 2008 iFTS: Introducing powerful iFTS features in SQL Server, such as the FREETEXT and CONTAINS predicates, custom thesauruses, and stop lists Showing you how to optimize full–text query performance through features like full–text indexes and iFilters Providing examples that help you understand and apply the power of iFTS in your daily projects

During the 21st century business environments have become more complex and dynamic than ever before. Companies operate in a world of change influenced by globalisation, volatile markets, legal changes and technical progress. As a result, they have to handle growing volumes of data and therefore require fast storage, reliable data access, intelligent retrieval of information and automated decision-making mechanisms, all provided at the highest level of service quality. Successful enterprises are aware of these challenges and efficiently respond to the dynamic environment in which their business operates. Business Intelligence (BI) and Performance Management (PM) offer solutions to

these challenges and provide techniques to enable effective business change. The important aspects of both topics are discussed within this state-of-the-art volume. It covers the strategic support, business applications, methodologies and technologies from the field, and explores the benefits, issues and challenges of each. Issues are analysed from many different perspectives, ranging from strategic management to data technologies, and the different subjects are complimented and illustrated by numerous examples of industrial applications. Contributions are authored by leading academics and practitioners representing various universities, research centres and companies worldwide. Their experience covers multiple disciplines and industries, including finance, construction, logistics, and public services, amongst others. Business Intelligence and Performance Management is a valuable source of reference for graduates approaching MSc or PhD programs and for professionals in industry researching in the fields of BI and PM for industrial application. This book contains the refereed proceedings of the 13th International Conference on Knowledge Management in Organizations, KMO 2018, held in Žilina, Slovakia, in August 2018. The theme of the conference was "Emerging Research for Knowledge Management in Organizations." The 59 papers accepted for KMO 2018 were selected from 141 submissions and are organized in topical sections on: Knowledge management models and analysis; knowledge sharing; knowledge transfer and learning; knowledge and service innovation; knowledge creation; knowledge and organization; information systems and information science; knowledge and technology management; data mining and intelligent science; business and customer relationship management; big data and IoT; and new trends in IT.
Leveraging WMI Scripting is the second in a series of two books dedicated to WMI. Understanding WMI Scripting (ISBN 1-55558-266-4), Lissoir's first book, explained to Windows Administrators the various WMI scripting techniques and manageability capabilities of this new Windows Server 2003 platform. Illustrated with hundreds of scripts and detailed tables, the book explained the underlying technology and how WMI can be put to work. Lissoir focused not only on WMI programming aspects for developers but on how administrators can use what is available in Windows for their admin work. If you've had significant WMI experience, or have read Lissoir's first book, you are ready to apply your WMI knowledge to any technology that interfaces with WMI. Leveraging WMI Scripting continues the presentation of WMI begun in Understanding WMI Scripting. In this new volume, we dive deeper into WMI to understand the manageable entities of the Windows world. Lissoir offers a structured description of the most important WMI providers available from Windows NT 4.0 to Windows Server 2003 (including Windows 2000 and Windows XP). This covers the WMI management of the Windows Registry, Active Directory, SNMP, the Resultant Set Of Policies (RSOP), and the Volume Shadow Service to name a few. This discussion leverages the information on building real-world scripted management solutions presented in Lissoir's first book. Like the first volume, Leveraging WMI Scripting is based on an important concept: "learning by practice." Leveraging WMI Scripting addresses the most advanced topics so that you can exploit the features of various WMI interfaces to manage the components in a real-world environment. WMI is a critical topic under Windows Server 2003, so this book provides real added value to every Windows administrator. · Shows you how to extract data from applications, understand what's really happening on your servers, and get real work done · Provides hundreds of usable scripts to use in everyday solutions for network performance and security · Offers practical and straightforward advice that any enterprise Windows administrator can learn from
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