Princeton Softech Relational Tools Manual

ComputerworldAdvances in ComputersCiarcia's Circuit CellarSoftware Engineering EnvironmentsObject-Oriented Database ProgrammingBusiness Rules Management and Service Oriented ArchitectureHandbook of Digital Forensics and InvestigationAre Your Lights On?Aliasing in Object-Oriented ProgrammingHOWTO Secure and Audit Oracle 10g and 11gBatch Modernization on z/OSIBM and the HolocaustImplementing an InfoSphere Optim Data Growth SolutionTutorialsCover Letter MagicHandbook on Architectures of Information SystemsBuilding IBMMore Java GemsSoftware ReuseDatabase AdministrationThe Difference EngineCommon and Scientific Names of Aquatic Invertebrates from the United States and CanadaA Scientist at the White HouseThe Engineering Design of SystemsOfficial Gazette of the United States Patent and Trademark OfficePascal PrimerJava PreciselyComputing Before ComputersOracle Exadata Survival GuidePigs is PigsThe IBM Data Governance Unified ProcessSTEPConcepts in Programming LanguagesModern Compiler Implementation in CILM LibraryAdvances in Modeling Agricultural SystemsThe Economic Impacts of Inadequate Infrastructure for Software TestingService-Oriented ArchitecturePrinciples of the Business Rule ApproachJob Control Languages

Computerworld

Advances in Computers

The third edition of Java Precisely provides a concise description of the Java programming language, version 8.0. It offers a quick reference for the reader who has already learned (or is learning) Java from a standard textbook and who wants to know the language in more detail. The book presents the entire Java programming language and essential parts of the class libraries: the collection classes, the input-output classes, the stream libraries and Java 8's facilities for parallel programming, and the functional interfaces used for that. h written informally, the book describes the language in detail and offers many examples. For clarity, most of the general rules appear on left-hand pages with the relevant examples directly opposite on the right-hand pages. All examples are fragments of legal Java programs. The complete ready-to-run example programs are available on the book's website. This third edition adds material about functional parallel processing of arrays; default and static methods on interfaces; a brief description of the memory model and visibility across concurrent threads; lambda expressions, method reference expressions, and the related functional interfaces; and stream processing, including parallel programming and collectors. -- Provided by publisher.

Ciarcia's Circuit Cellar

The major topic of this book is the integration of data and programming languages and the associated methodologies. To my knowledge, this is the first book on modern programming languages and programming meth odology devoted entirely to database application environments. At the same time, it is written with the goal of reconciling the relational and object-oriented approaches to database management. One of the reasons that influenced my decision to write this book is my dissatisfaction with the fact that the existing books on programming methodology and the associated concepts, techniques, and programming language notation are largely based on mathematical problems and math ematically oriented algorithms. As such, they give the impression that modern program structures, associated techniques, and methodologies, not to speak of the formal ones, are applicable only to problems of that sort. Although important, such problems are of limited applicability and scale. This does not apply to books in which modem concepts, techniques, methodologies, and programming language notation are applied to systems programming. But, even so, this does not demonstrate that in entirely application-oriented problems-those in which modern computer tech nology is most widely used-modern programming methodology is just as important. This book is meant to be a step toward providing a more convincing support of such a claim and, thus, is based entirely on common, what one might call business-oriented, problems in which database technology has been successfully used.

Software Engineering Environments

Object-Oriented Database Programming

Ever since the early 1960s, the medical ical records. Expert assistance in di issue might contain a review of an office agnosis and treatment selection will be world has awaited the promise of com practice management system-of in as close as the nearest telephone, which terest to the physician, nurse, and office puterization. Many of us were fasci will provide an immediate link to the nated by the efforts of the pioneers: practice manager. Next to it might be Homer Warner's computerized diag office computer. found a detailed article about a language nosis system, Octo Barnett's medical Since 1983, M,D. Computing has such as LISP and how it could be ap information system, Howard Bleich's explored and explained all of these as plied to medical problems, or a tutorial pects. Our magazine's major focus is on about real-time monitoring of a patient's automated acid/base consultant" and Warner Slack's history-taking program computer systems that serve the health physiological state, along with book re were foretastes of what was to come. provider in the home or office environ views and departments reporting on At first, however, physicians and hos ment. M. D, Computing has also ex pertinent computer news. pital personnel resisted the computer amined more general computer appli In several cases, a distinct

theme because it was too slow, too fragile, too cations in medical care.

Business Rules Management and Service Oriented Architecture

Anyone considering a data governance program within their organisation will find an invaluable step-by-step methodology using IBM tools and best practices in this structured how-to. While many in the IT industry hold separate definitions in their minds, this authoritative manual defines data governance as the discipline of treating data as an enterprise asset. The intricate process of data governance involves the exercise of decision rights to optimise, secure, and leverage data. Providing a rigorous explanation of the 14 steps and almost 100 substeps to enact unified data governance, this extensive handbook also shows that the core issues to be tackled are not about technology but rather about people and process.

Handbook of Digital Forensics and Investigation

This book presents the best articles published in Java Report between 1997 and 1999.

Are Your Lights On?

Praise for Service-Oriented Architecture "This book provides a superb overview of the SOA topic. Marks and Bell provide practical guidance across the entire SOA life cycle-from business imperatives and motivations to the post-deployment business and technical metrics to consider. With this book, Marks and Bell demonstrate a unique ability to take the complex dynamics of SOA, and through an eloquent set of metaphors, models, and principles, provide an understandable and insightful how-to manual for both technical and business executives. This will become a required handbook for any organization implementing SOA." —Dan Bertrand, Enterprise Technology Officer & EDS Fellow, EDS Corporation "A fundamental breakthrough in the business and technology perspectives of SOA-this book belongs in every software developer, architect, and IT executive library. Marks and Bell demonstrate a creative and practical approach to building complex, service-oriented systems. I especially liked the hands-on perspective brought to multiple aspects of SOA. A must-have guide in the technology turbulence of the future." —Ariel Aloni, Chief Technology Officer, SunGard Data Management Solutions "This outstanding text gets straight to the heart of the matter, cutting through the hyperbole and discussing how to drive real business value through SOA. It will certainly impact my behavior, our governance models, and, subsequently, the successful business outcomes we derive as we continue to embrace SOA. A must-read for battle-scarred SOA veterans and fledgling architects alike." —Christopher Crowhurst, Vice President and Chief Architect, Thomson Learning "Too often, SOA has been perceived as 'all about the technology'-standards, technology stacks, operational monitoring, and the like. In this book, Marks and Bell expand beyond the technology to provide a refreshing business-driven perspective to SOA,

connecting the dots between business requirements, architecture, and development and operations, and overlaying these perspectives with tried-and-true governance techniques to keep SOA initiatives on track. A must-read for those leading the charge to adopt SOA within their enterprise." —Brent Carlson, Chief Technology Officer, LogicLibrary and coauthor of San Francisco Design Patterns: Blueprints for Business Software "Marks and Bell have captured a wealth of practical experience and lessons learned in what has become the hottest topic in software development. In this book, they explain in detail what works and what does not, from procedural issues to technical challenges. This book is an invaluable reference for organizations seeking the benefits of SOAs." —Dr. Jeffrey S. Poulin, System Architect, Lockheed Martin and author of Measuring Software Reuse: Principles, Practices, and Economic Models "One of the last things companies often consider when implementing a business solution such as SOA is the impact on people. Marks and Bell provide an in-depth look at 'what has to change' from a process standpoint to make any SOA implementation a success. A great read for those considering to embark on an enterprise SOA and looking for the right mix of people, process, and products." —Alan Himler, Vice President of Product Management and Marketing, LogicLibrary SOA is a complex topic and a complex organizational goal Service-Oriented Architecture: A Planning and Implementation Guide for Business and Technology shows you how to plan, implement, and achieve SOA value through its prescriptive approach, joining the business and strategic perspective to the technical and architectural perspective. Applicable to all industries, technology platforms, and operating environments, this innovative book provides you with the essential strateg

Aliasing in Object-Oriented Programming

Describes what Exadata is and its available configurations for such features as smart scans, storage indexes, hybrid columnar compression, and Smart Flash Cache.

HOWTO Secure and Audit Oracle 10g and 11g

A thorough reference on database administration outlines a variety of DBA roles and responsibilities and discusses such topics as data modeling and normalization, database/application design, change management, database security and data integrity, performance issues, disaster planning, and other essentials. Original. (Advanced)

Batch Modernization on z/OS

IBM and the Holocaust

Business rules management system (BRMS) is a software tools that work alongside enterprise IT applications. It enables enterprises to automate decision-making processes typically consisting of separate business rules authoring and rules execution applications. This proposed title brings together the following key ideas in modern enterprise system development best practice. The need for service-oriented architecture (SOA). How the former depends on component-based development (CBD). Database-centred approaches to business rules (inc. GUIDES). Knowledge-based approaches to business rules. Using patterns to design and develop business rules management systems Ian Graham is an industry consultant with over 20 years. He is recognized internationally as an authority on business modelling, object-oriented software development methods and expert systems. He has a significant public presence, being associated with both UK and international professional organizations, and is frequently quoted in the IT and financial press.

Implementing an InfoSphere Optim Data Growth Solution

Agriculture has experienced a dramatic change during the past decades. The change has been structural and technological. Structural changes can be seen in the size of current farms; not long ago, agricultural production was organized around small farms, whereas nowadays the agricultural landscape is dominated by large farms. Large farms have better means of applying new technologies, and therefore technological advances have been a driving force in changing the farming structure. New technologies continue to emerge, and their mastery and use in requires that farmers gather more information and make more complex technological choices. In particular, the advent of the Internet has opened vast opportunities for communication and business opportunities within the agricultural com- nity. But at the same time, it has created another class of complex issues that need to be addressed sooner rather than later. Farmers and agricultural researchers are faced with an overwhelming amount of information they need to analyze and synthesize to successfully manage all the facets of agricultural production. This daunting challenge requires new and complex approaches to farm management. A new type of agricultural management system requires active cooperation among multidisciplinary and multi-institutional teams and ref- ing of existing and creation of new analytical theories with potential use in agriculture. Therefore, new management agricultural systems must combine the newest achievements in many scientific domains such as agronomy, economics, mathematics, and computer science, to name a few.

Tutorials

Professional resume and cover letter writers reveal their inside secrets for creating phenomenal cover letters that get attention and land interviews. Features more than 150 sample cover letters written for all types of job seekers, including the Before-and-After transformations that can make boring letters fabulous.

Cover Letter Magic

Handbook on Architectures of Information Systems

Every organization has large amounts of data to store, use, and manage. For most, this quantity is increasing. However, over time, the value of this data changes. How can we map data to an appropriate storage media, so that it can be accessed in a timely manner when needed, retained for as long as required, and disposed of when no longer needed? Information Lifecycle Management (ILM) provides solutions. ILM is the process of managing information-from creation, through its useful life, to its eventual destruction-in a manner that aligns storage costs with the changing business value of information. We can think of ILM as an integrated solution of five IT management and infrastructure components working together: Service management (service levels), content management, workflow management (or process management), storage management, and storage infrastructure. This IBM Redbooks publication will help you understand what ILM is and why it is of value to you in your organization, and provide you with suggested ways to implement it using IBM products.

Building IBM

No company of the twentieth century achieved greater success and engendered more admiration, respect, envy, fear, and hatred than IBM. Building IBM tells the story of that company—how it was formed, how it grew, and how it shaped and dominated the information processing industry. Emerson Pugh presents substantial new material about the company in the period before 1945 as well as a new interpretation of the postwar era.Granted unrestricted access to IBM's archival records and with no constraints on the way he chose to treat the information they contained, Pugh dispels many widely held myths about IBM and its leaders and provides new insights on the origins and development of the computer industry.Pugh begins the story with Herman Hollerith's invention of punched-card machines used for tabulating the U.S. Census of 1890, showing how Hollerith's inventions and the business he established provided the primary basis for IBM. He tells why Hollerith merged his company in 1911 with two other companies to create the Computing-Tabulating-Recording Company, which changed its name in 1924 to International Business Machines. Thomas J. Watson, who was hired in 1914 to manage the merged companies, exhibited remarkable technological insight and leadership—in addition to his widely heralded salesmanship—to build Hollerith's business into a virtual monopoly of the rapidly growing punched-card equipment business. The fascinating inside story of the transfer of authority from the senior Watson to his older son, Thomas J. Watson Jr., and the company's rapid domination of the computer industry occupy the latter half of the book. In two final chapters, Pugh examines conditions and events of the 1970s and 1980s and identifies the underlying causes of the severe probems IBM experienced in the 1990s.

More Java Gems

A comprehensive undergraduate textbook covering both theory and practical design issues, with an emphasis on object-oriented languages.

Software Reuse

In 2000, total sales of software in the U.S. reached $180 billion. Reducing the cost of software development and improving software quality are important objectives of the U.S. software industry. However, the complexity of the underlying software needed to support the U.S.'s computerized economy is increasing at an alarming rate. Software nonperformance and failure are expensive, but it is difficult to define and measure software quality. The objective of this study is to investigate the economic impact of an inadequate infrastructure for software testing in the U.S. This study was undertaken as part of joint planning between NIST and industry to help identify and assess technical needs that would improve the industry's software testing capabilities. Illustrated.

Database Administration

The Difference Engine

This new, expanded textbook describes all phases of a modern compiler: lexical analysis, parsing, abstract syntax, semantic actions, intermediate representations, instruction selection via tree matching, dataflow analysis, graph-coloring register allocation, and runtime systems. It includes good coverage of current techniques in code generation and register allocation, as well as functional and object-oriented languages, that are missing from most books. In addition, more advanced chapters are now included so that it can be used as the basis for a two-semester or graduate course. The most accepted and successful techniques are described in a concise way, rather than as an exhaustive catalog of every possible variant. Detailed descriptions of the interfaces between modules of a compiler are illustrated with actual C header files. The first part of the book, Fundamentals of Compilation, is suitable for a one-semester first course in compiler design. The second part, Advanced Topics, which includes the advanced chapters, covers the compilation of object-oriented and functional languages, garbage collection, loop optimizations, SSA form, loop scheduling, and optimization for cache-memory hierarchies.

Common and Scientific Names of Aquatic Invertebrates from the United States and Canada

This book presents a survey of the state-of-the-art on techniques for dealing with aliasing in object-oriented programming. It marks the 20th anniversary of the paper The Geneva Convention On The Treatment of Object Aliasing by John Hogg, Doug Lea, Alan Wills, Dennis de Champeaux and Richard Holt. The 22 revised papers were carefully reviewed to ensure the highest quality.The contributions are organized in topical sections on the Geneva convention, ownership, concurrency, alias analysis, controlling effects, verification, programming languages, and visions.

A Scientist at the White House

Today, organizations face tremendous challenges with data explosion and information governance. InfoSphereTM OptimTM solutions solve the data growth problem at the source by managing the enterprise application data. The Optim Data Growth solutions are consistent, scalable solutions that include comprehensive capabilities for managing enterprise application data across applications, databases, operating systems, and hardware platforms. You can align the management of your enterprise application data with your business objectives to improve application service levels, lower costs, and mitigate risk. In this IBM® Redbooks® publication, we describe the IBM InfoSphere Optim Data Growth solutions and a methodology that provides implementation guidance from requirements analysis through deployment and administration planning. We also discuss various implementation topics including system architecture design, sizing, scalability, security, performance, and automation. This book is intended to provide various systems development professionals, Data Solution Architects, Data Administrators, Modelers, Data Analysts, Data Integrators, or anyone who has to analyze or integrate data structures, a broad understanding about IBM InfoSphere Optim Data Growth solutions. By being used in conjunction with the product manuals and online help, this book provides guidance about implementing an optimal solution for managing your enterprise application data.

The Engineering Design of Systems

The days of intricate test-ban negotiations, Khrushchev's visit to Camp David, the cranberry controversy, the impending rupture with Cuba, the downed U-2, and the failed Summit in Paris come to life again in this highly personal diary kept by the Ukrainian-born chemist who was President Eisenhower's science advisor. Richly detailed, candid, and very human, the memoir offers an inside view of White House infighting, policy disputes, and bureaucratic conflict, and of the role an eminent scientist came to play in shaping presidential decisions. It records the interaction between the scientific community and the defense establishment during a critical period in the making of United States foreign policy. Throughout, Kistiakowsky's growing admiration for the President becomes clear. George Kistiakowsky became President Eisenhower's special assistant for science and technology in July 1959, and he served until John F. Kennedy's inauguration. He was the second person to hold this office, which was created by Eisenhower and would be abolished under Nixon. After considerable

pressure from the scientific community, President Ford reinstated the position on the White House staff in August 1976. From the day he took office, Kistiakowsky kept a private journal of his activities and conversations. This diary, edited and annotated, is a readable and informative chronicle; it adds substantially to our knowledge of day-to-day operations in the office of the President. It records the progress of a citizen-expert who struggled to serve the President and the country with objective information and dispassionate analysis--but who also had his own strong ideas and passionate beliefs. With an introduction by Charles S. Maier and supplemented by Kistiakowsky's own reminiscences and commentary, this book can be read either as a primary document or as entertaining background; it is a unique contribution to contemporary history.

Official Gazette of the United States Patent and Trademark Office

Mainframe computers play a central role in the daily operations of many of the world's largest corporations, and batch processing is a fundamental part of the workloads that run on the mainframe. A large portion of the workload on IBM® z/OS® systems is processed in batch mode. Although several IBM Redbooks® publications discuss application modernization on the IBM z/OS platform, this book specifically addresses batch processing in detail. Many different technologies are available in a batch environment on z/OS systems. This book demonstrates these technologies and shows how the z/OS system offers a sophisticated environment for batch. In this practical book, we discuss a variety of themes that are of importance for batch workloads on z/OS systems and offer examples that you can try on your own system. The audience for this book includes IT architects and application developers, with a focus on batch processing on the z/OS platform.

Pascal Primer

Java Precisely

For more than 40 years, Computerworld has been the leading source of technology news and information for IT influencers worldwide. Computerworld's award-winning Web site (Computerworld.com), twice-monthly publication, focused conference series and custom research form the hub of the world's largest global IT media network.

Computing Before Computers

Discusses Uses for the Microcomputer, Including Projects & Methods for Interfacing the Personal Computer with Its Environment

Oracle Exadata Survival Guide

IBM and the Holocaust is the award-winning, New York Times bestselling shocker--a million copies in print--detailing IBM's conscious co-planning and co-organizing of the Holocaust for the Nazis, all micromanaged by its president Thomas J Watson from New York and Paris. This Expanded Edition offers 37 pages of previous unpublished documents, pictures, internal company correspondence, and other archival materials to produce an even more explosive volume. Originally published to extraordinary praise in 2001, this provocative, award-winning international bestseller has stood the test of time as it chronicles the story of IBM's strategic alliance with Nazi Germany. IBM and the Holocaust provides nothing less than a chilling investigation into corporate complicity. Edwin Black's monumental research exposes how IBM and its subsidiaries helped create enabling technologies for the Nazis, step-by-step, from the identification and cataloging programs of the 1930s to the selections of the 1940s.

Pigs is Pigs

The IBM Data Governance Unified Process

New for the third edition, chapters on: Complete Exercise of the SE Process, System Science and Analytics and The Value of Systems Engineering The book takes a model-based approach to key systems engineering design activities and introduces methods and models used in the real world. This book is divided into three major parts: (1) Introduction, Overview and Basic Knowledge, (2) Design and Integration Topics, (3) Supplemental Topics. The first part provides an introduction to the issues associated with the engineering of a system. The second part covers the critical material required to understand the major elements needed in the engineering design of any system: requirements, architectures (functional, physical, and allocated), interfaces, and qualification. The final part reviews methods for data, process, and behavior modeling, decision analysis, system science and analytics, and the value of systems engineering. Chapter 1 has been rewritten to integrate the new chapters and updates were made throughout the original chapters. Provides an overview of modeling, modeling methods associated with SysML, and IDEF0 Includes a new Chapter 12 that provides a comprehensive review of the topics discussed in Chapters 6 through 11 via a simple system – an automated soda machine Features a new Chapter 15 that reviews General System Theory, systems science, natural systems, cybernetics, systems thinking, quantitative characterization of systems, system dynamics, constraint theory, and Fermi problems and guesstimation Includes a new Chapter 16 on the value of systems engineering with five primary value propositions: systems as a goal-seeking system, systems engineering as a communications interface, systems engineering to avert showstoppers, systems engineering to find and fix errors, and systems engineering as risk mitigation The Engineering Design of Systems: Models and Methods, Third Edition is designed

to be an introductory reference for professionals as well as a textbook for senior undergraduate and graduate students in systems engineering.

STEP

This present volume describes some of the latest advances in the computer science field today. This current volume emphasizes information processing with chapters on artificial intelligence, data bases and software engineering. In particular it looks at the interfaces between AI and software development with chapters on how AI affects the development of correct programs, and conversely, how software engineering can affect the development of correct AI programs. Key Features: * In-depth surveys and tutorials on new computer technology. * Well-known authors and researchers in the field. * Extensive bibliographies with most chapters. * Impact of AI on software development and impact of software development on correct AI programs. * What is the educational role of mathematics in the development of the next generation of computer professional? * In-depth surveys and tutorials on new computer technology. * Well-known authors and researchers in the field. * Extensive bibliographies with most chapters. * Impact of AI on software development and impact of software development on correct AI programs. * What is the educational role of mathematics in the development of the next generation of computer professional?

Concepts in Programming Languages

In London of 1855, celebrated paleontologist Edward Mallory gets mixed up with Charles Babbage, the inventor of an advanced calculating machine run by his elite group of clackers.

Modern Compiler Implementation in C

ILM Library

Advances in Modeling Agricultural Systems

The idea of Business Rules has been around for a while. Simply put, a Business Rule is a statement that defines or constrains some aspect of the business. In practice they are meant to reduce or eliminate the delays, waste, and frustration associated with the IT department having to be involved with almost every action affecting an organization's information

systems. The advent of Web services has created renewed interest in them. There are now several well established rules-based products that have demonstrated the effectiveness of their use. But until now there has not been a definitive guide to Business Rules. Ron Ross, considered to be the father of Business Rules, will help organizations apply this powerful solution to their own computer system problems. This book is intended to be the first book that anyone from an IT manager to a business manager will read to understand what Business Rules are, and what how they can be applied to their own situation.

The Economic Impacts of Inadequate Infrastructure for Software Testing

Oracle is the number one database engine in use today. The fact that it is the choice of military organizations and agencies around the world is part of the company’s legacy and is evident in the product. Oracle has more security-related functions, products, and tools than almost any other database engine. Unfortunately, the fact that these capabilities exist does not mean that they are used correctly or even used at all. In fact, most users are familiar with less than twenty percent of the security mechanisms within Oracle. Written by Ron Ben Natan, one of the most respected and knowledgeable database security experts in the world, HOWTO Secure and Audit Oracle 10g and 11g shows readers how to navigate the options, select the right tools and avoid common pitfalls. The text is structured as HOWTOs addressing each security function in the context of Oracle 11g and Oracle 10g. Among a long list of HOWTOs, readers will learn to: Choose configuration settings that make it harder to gain unauthorized access Understand when and how to encrypt data-at-rest and data-in-transit and how to implement strong authentication Use and manage audit trails and advanced techniques for auditing Assess risks that may exist and determine how to address them Make use of advanced tools and options such as Advanced Security Options, Virtual Private Database, Audit Vault, and Database Vault The text also provides an overview of cryptography, covering encryption and digital signatures and shows readers how Oracle Wallet Manager and orapki can be used to generate and manage certificates and other secrets. While the book’s seventeen chapters follow a logical order of implementation, each HOWTO can be referenced independently to meet a user’s immediate needs. Providing authoritative and succinct instructions highlighted by examples, this ultimate guide to security best practices for Oracle bridges the gap between those who install and configure security features and those who secure and audit them.

Service-Oriented Architecture

Introducing the reuse-driven software engineering business; Architectural style; Processes; Organizing a reuse business.

Principles of the Business Rule Approach

Handbook of Digital Forensics and Investigation builds on the success of the Handbook of Computer Crime Investigation, bringing together renowned experts in all areas of digital forensics and investigation to provide the consummate resource for practitioners in the field. It is also designed as an accompanying text to Digital Evidence and Computer Crime. This unique collection details how to conduct digital investigations in both criminal and civil contexts, and how to locate and utilize digital evidence on computers, networks, and embedded systems. Specifically, the Investigative Methodology section of the Handbook provides expert guidance in the three main areas of practice: Forensic Analysis, Electronic Discovery, and Intrusion Investigation. The Technology section is extended and updated to reflect the state of the art in each area of specialization. The main areas of focus in the Technology section are forensic analysis of Windows, Unix, Macintosh, and embedded systems (including cellular telephones and other mobile devices), and investigations involving networks (including enterprise environments and mobile telecommunications technology). This handbook is an essential technical reference and on-the-job guide that IT professionals, forensic practitioners, law enforcement, and attorneys will rely on when confronted with computer related crime and digital evidence of any kind. *Provides methodologies proven in practice for conducting digital investigations of all kinds *Demonstrates how to locate and interpret a wide variety of digital evidence, and how it can be useful in investigations *Presents tools in the context of the investigative process, including EnCase, FTK, ProDiscover, foremost, XACT, Network Miner, Splunk, flow-tools, and many other specialized utilities and analysis platforms *Case examples in every chapter give readers a practical understanding of the technical, logistical, and legal challenges that arise in real investigations

Job Control Languages

An authoritative source about methods, languages, methodologies and supporting tools for constructing information systems that also provides examples for references models. Its strength is the careful selection of each of the above mentioned components, based on technical merit. The second edition completely revises all articles and features new material on the latest developments in XML & UML. The structure follows the definition of the major components of Enterprise Integration as defined by GERAM (Generalised Enterprise Reference Architecture and Methodology). 1st edition sold about 600 copies since January 2003.