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Aligning MDM and BPM for Master Data Governance, Stewardship, and Enterprise Processes Security for Web Developers *Information Systems: Development, Applications, Education*
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Data Management Business Intelligence Guidebook *Performing Information Governance A Practical Guide to Managing Reference Data with IBM InfoSphere Master Data Management Reference Data Management Hub*
Retirement Forecasting Economics-Driven Software Architecture Apple Device Management *FileMaker 12 Developers Reference*
Enhance Inbound and Outbound Marketing with a

Trusted Single View of the Customer Security and Privacy Protection in Information Processing Systems Society, Culture, and Technology: Ten Lessons for Educators, Developers, and Digital Scientists *Economic Bulletin - Singapore International Chamber of Commerce Excellence* [CIO Master Data Management for SaaS Applications](#) *Economic Bulletin Smart Cities* [Generative](#)

Programming and Component Engineering **Design Structure Matrix Methods and Applications** Managing Apple Devices *Mobile Application Development, Usability, and Security* *Flint, Michigan, City Directory* *Modernizing Enterprise CMS Using Pimcore* **Agile Data Warehousing for the Enterprise** **MCSA SQL 2016 BI Development Exam Ref 2-pack** **The Art of Enterprise Information Architecture** Singapore Business Salesforce Data Architecture and Management **Extreme Scoping** Multi-Domain Master Data Management **iOS Hacker's Handbook** **Handbook of Research on Grid**

Technologies and Utility Computing: Concepts for Managing Large-Scale Applications **SSCP Systems Security Certified Practitioner All-in-One Exam Guide, Third Edition**

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Do your business intelligence (BI) projects take too long to deliver? Is the value of the deliverables less than satisfactory? Do these projects propagate poor data management practices? If you screamed “yes” to any of these questions, read this book to master a proven approach to building your enterprise data warehouse and BI initiatives. Extreme Scoping, based on the Business Intelligence Roadmap, will show you how to build

analytics applications rapidly yet not sacrifice data management and enterprise architecture. In addition, all of the roles required to deliver all seven steps of this agile methodology are explained along with many real-world examples. From Wayne Eckerson’s Foreword I’ve read many books about data warehousing and business intelligence (BI). This book by Larissa Moss is one of the best. I should not be surprised. Larissa has spent years refining the craft of designing, building, and delivering BI applications. Over the years, she has developed a keen insight about what works and doesn’t work in BI. This book

brings to light the wealth of that development experience. Best of all, this is not some dry text that laboriously steps readers through a technical methodology. Larissa expresses her ideas in a clear, concise, and persuasive manner. I highlighted so many beautifully written and insightful paragraphs in her manuscript that it became comical. I desperately wanted the final, published book rather than the manuscript so I could dog-ear it to death and place it front-and-center in my office bookshelf! From David Well’s Foreword Extreme Scoping is rich with advice and guidance for virtually every aspect of BI projects from planning and

requirements to deployment and from back-end data management to front-end information and analytics services. Larissa is both a pragmatist and an independent thinker. Those qualities come through in the style of this book. Extreme Scoping is a well-written book that is easy to absorb. It is not full of surprises. It is filled with a lot of common sense and lessons learned through experience. "This book provides a compendium of terms, definitions, and explanations of concepts, issues, and trends in grid technology"--Provided by publisher. Discover all the security risks and exploits that can threaten iOS-based mobile

devices iOS is Apple's mobile operating system for the iPhone and iPad. With the introduction of iOS5, many security issues have come to light. This book explains and discusses them all. The award-winning author team, experts in Mac and iOS security, examines the vulnerabilities and the internals of iOS to show how attacks can be mitigated. The book explains how the operating system works, its overall security architecture, and the security risks associated with it, as well as exploits, rootkits, and other payloads developed for it. Covers iOS security architecture, vulnerability hunting, exploit writing, and

how iOS jailbreaks work Explores iOS enterprise and encryption, code signing and memory protection, sandboxing, iPhone fuzzing, exploitation, ROP payloads, and baseband attacks Also examines kernel debugging and exploitation Companion website includes source code and tools to facilitate your efforts iOS Hacker's Handbook arms you with the tools needed to identify, understand, and foil iOS attacks. This book constitutes the refereed proceedings of the Third International Conference on Generative Programming and Component Engineering, GPCE 2004, held in Vancouver, Canada in October 2004. The

25 revised full papers presented together with abstracts of 2 invited talks were carefully reviewed and selected from 75 submissions. The papers are organized in topical sections on aspect-orientation, staged programming, types for meta-programming, meta-programming, model-driven approaches, product lines, and domain-specific languages and generation. Information systems have an enormous potential for improving business performance. With this in mind, companies must set out to exploit and optimize this potential without delay in order to improve their efficiency and continue to set

themselves apart from the competition. This comprehensive text provides the information needed to understand and implement these systems at a practical level. Architecture for the Intelligent Enterprise: Powerful New Ways to Maximize the Real-time Value of Information Tomorrow's winning "Intelligent Enterprises" will bring together far more diverse sources of data, analyze it in more powerful ways, and deliver immediate insight to decision-makers throughout the organization. Today, however, most companies fail to apply the information they already have, while struggling with the complexity and costs

of their existing information environments. In this book, a team of IBM's leading information management experts guide you on a journey that will take you from where you are today toward becoming an "Intelligent Enterprise." Drawing on their extensive experience working with enterprise clients, the authors present a new, information-centric approach to architecture and powerful new models that will benefit any organization. Using these strategies and models, companies can systematically unlock the business value of information by delivering actionable, real-time information in context to

enable better decision-making throughout the enterprise—from the “shop floor” to the “top floor.” Coverage Includes Highlighting the importance of Dynamic Warehousing Defining your Enterprise Information Architecture from conceptual, logical, component, and operational views Using information architecture principles to integrate and rationalize your IT investments, from Cloud Computing to Information Service Lifecycle Management Applying enterprise Master Data Management (MDM) to bolster business functions, ranging from compliance and risk management to marketing and product management

Implementing more effective business intelligence and business performance optimization, governance, and security systems and processes Understanding “Information as a Service” and “Info 2.0,” the information delivery side of Web 2.0 This IBM® Redbooks® publication presents a development approach for master data management projects, and in particular, those projects based on IBM InfoSphere® MDM Server. The target audience for this book includes Enterprise Architects, Information, Integration and Solution Architects and Designers, Developers, and Product Managers. Master data

management combines a set of processes and tools that defines and manages the non-transactional data entities of an organization. Master data management can provide processes for collecting, consolidating, persisting, and distributing this data throughout an organization. IBM InfoSphere Master Data Management Server creates trusted views of master data that can improve applications and business processes. You can use it to gain control over business information by managing and maintaining a complete and accurate view of master data. You also can use InfoSphere MDM Server to extract maximum value from

master data by centralizing multiple data domains. InfoSphere MDM Server provides a comprehensive set of prebuilt business services that support a full range of master data management functionality. IBM® InfoSphere® Master Data Management Reference Data Management Hub (InfoSphere MDM Ref DM Hub) is designed as a ready-to-run application that provides the governance, process, security, and audit control for managing reference data as an enterprise standard, resulting in fewer errors, reduced business risk and cost savings. This IBM Redbooks® publication describes where InfoSphere MDM Ref DM Hub

fits into information management reference architecture. It explains the end-to-end process of an InfoSphere MDM Ref DM Hub implementation including the considerations of planning a reference data management project, requirements gathering and analysis, model design in detail, and integration considerations and scenarios. It then shows implementation examples and the ongoing administration tasks. This publication can help IT professionals who are interested or have a need to manage reference data efficiently and implement an InfoSphere MDM Ref DM Hub solution with ease. Managing

Apple Devices, Second Edition will enable you to create an effective plan for deploying and maintaining groups of Apple devices using iOS 8 and OS X Yosemite in your organization. This all-in-one resource teaches a wide variety of Apple management technologies; explains the theory behind the tools; and provides practical, hand-on exercises to get you up and running with the tools. You will be introduced to Apple management technologies including Mobile Device Management, the Volume Purchase Program, and the Device Enrollment Program. For example, not only will you learn how to use Profile Manager-A pple's

implementation of Mobile Device Management—but you will also learn about the ideas behind profile management and how to make configuration easier for both administrators and users while maintaining a highly secure environment. The exercises contained within this guide are designed to let you explore and learn the tools provided by Apple for deploying and managing iOS 8 and OS X Yosemite systems. They start with verification of access to necessary services, move on to the configuration of those services, and finally test the results of those services on client devices. Each lesson builds on previous topics and is designed to give technical

coordinators and system administrators the skills, tools, and knowledge to deploy and maintain Apple devices by:

- Providing knowledge of how Apple deployment technologies work
- Showing how to use specific deployment tools
- Explaining deployment procedures and best practices
- Offering practical exercises step-by-step solutions available

As a web developer, you may not want to spend time making your web app secure, but it definitely comes with the territory. This practical guide provides you with the latest information on how to thwart security threats at several levels, including new areas such as microservices. You'll

learn how to help protect your app no matter where it runs, from the latest smartphone to an older desktop, and everything in between. Author John Paul Mueller delivers specific advice as well as several security programming examples for developers with a good knowledge of CSS3, HTML5, and JavaScript. In five separate sections, this book shows you how to protect against viruses, DDoS attacks, security breaches, and other nasty intrusions. Create a security plan for your organization that takes the latest devices and user needs into account. Develop secure interfaces, and safely incorporate third-party code

from libraries, APIs, and microservices Use sandboxing techniques, in-house and third-party testing techniques, and learn to think like a hacker Implement a maintenance cycle by determining when and how to update your application software Learn techniques for efficiently tracking security threats as well as training requirements that your organization can use Economics-driven Software Architecture presents a guide for engineers and architects who need to understand the economic impact of architecture design decisions: the long term and strategic viability, cost-effectiveness, and sustainability of

applications and systems. Economics-driven software development can increase quality, productivity, and profitability, but comprehensive knowledge is needed to understand the architectural challenges involved in dealing with the development of large, architecturally challenging systems in an economic way. This book covers how to apply economic considerations during the software architecting activities of a project. Architecture-centric approaches to development and systematic evolution, where managing complexity, cost reduction, risk mitigation, evolvability, strategic planning

and long-term value creation are among the major drivers for adopting such approaches. It assists the objective assessment of the lifetime costs and benefits of evolving systems, and the identification of legacy situations, where architecture or a component is indispensable but can no longer be evolved to meet changing needs at economic cost. Such consideration will form the scientific foundation for reasoning about the economics of nonfunctional requirements in the context of architectures and architecting. Familiarizes readers with essential considerations in economic-informed and value-driven software design and

analysis Introduces techniques for making value-based software architecting decisions Provides readers a better understanding of the methods of economics-driven architecting The new FileMaker 12 allows you to build unparalleled databases for a wide variety of devices, from Windows and Mac desktops to iPhones and iPad. With 10 million registered customers, FileMaker's users are "average Joes" who are knowledge workers, subject matter experts, and business users from all walks of life. The community extends well beyond the pool of professional software developers. FileMaker's legendary ease-of-

use has led to its wide adoption and has allowed non-programmers an avenue into creating sophisticated software solutions. FileMaker 12 Developer's Reference will serve to help bridge the gaps in these people's understanding of FileMaker's hundreds of calculation functions, script steps, and operations. They know FileMaker, they've used it for years, but they need a quick reference, immediately accessible while not interrupting their work on screen. There is no other book like this on the market. All FileMaker books include information on calculation formulas, scripting, etc., but none have expressly focused on

giving readers one simple thing: a quick reference to be used in conjunction with their programming efforts. Some books teach, others explain, still others explore specific in-depth topics. This book will appeal to the entire FileMaker Pro community and be a great extension of their library. This edition is updated for the many new features coming with FileMaker 12, including the product's design functionality and the file format, and a new section dedicated to FileMaker Go, which is the iOS client. Direct from Microsoft, these Exam Refs are the official study guides for the new Microsoft 70-767 Implementing a SQL Data Warehouse and the new

Microsoft 70-768 Developing SQL Data Models certification exams. Exam Ref 70-767 Implementing a SQL Data Warehouse , the first book in this bundle (ISBN 978150936473), offers professional-level preparation that helps candidates maximize their exam performance and sharpen their skills on the job. It focuses on the specific areas of expertise modern IT professionals need to successfully build modern data warehouses to support advanced business intelligence solutions. Written by Microsoft Data Platform MVP Stacia Varga, Exam Ref 70-768 Developing SQL Data Models , the second book in this bundle

(ISBN 9781509305155), offers professional-level preparation that helps candidates maximize their exam performance and sharpen their skills on the job. It focuses on the specific areas of expertise modern database and business intelligence professionals need to succeed with SQL Server 2016 Analysis Services. The key to a successful MDM initiative isn't technology or methods, it's people: the stakeholders in the organization and their complex ownership of the data that the initiative will affect. Master Data Management equips you with a deeply practical, business-focused way of thinking about MDM—an understanding that will greatly

enhance your ability to communicate with stakeholders and win their support. Moreover, it will help you deserve their support: you'll master all the details involved in planning and executing an MDM project that leads to measurable improvements in business productivity and effectiveness. * Presents a comprehensive roadmap that you can adapt to any MDM project. * Emphasizes the critical goal of maintaining and improving data quality. * Provides guidelines for determining which data to "master. * Examines special issues relating to master data metadata. * Considers a range of MDM architectural styles. *

Covers the synchronization of master data across the application infrastructure. This book provides ten important lessons for educators, developers, and digital scientists who are interested in the relationship between society, culture, and technology. The text provides an discussion of current and past research with the goal of introducing direct implications for practice. This authoritative new resource explores the power grid from its classical role as a utility or service provider towards its new role as an application development platform. This book gives insight into the vision, problems and solutions, and

risks of the smart grid model. The evolution of the power grid as it develops into an application-centric environment is explained in this book. This resource guides readers to better understand the primary motivation of the smart grid, and to explore how new technologies are creating a cleaner and more sustainable ecosystem for new business models to blossom. Key topics include the basics of electricity and the conventional grid structure, as well as the relationships between conventional economic models and emerging models based on transactive energy and the sharing economy. This book presents the orchestration of

smart grid technologies as they are transforming the utility sector toward a human-centric grid. Readers gain insight into how they are playing an active role in the operation of the utility business as well as in the transfer of electrons. This book demonstrates how the new smart grid is becoming a distributed system that supports decentralized services through modern trends and distributed system architectures. Readers learn how grid intelligence and energy production migrates to the edge of the network. This book explores how consumers are transformed to “prosumers” of energy and providers of critical data that

are dramatically changing the relationship with the electric utility business in order to enable new applications and services. Enterprises today understand the value of employing a master data management (MDM) solution for managing and governing mission critical information assets. Chief data officers and chief information officers drive MDM initiatives with IBM® InfoSphere® Master Data Management to improve business results and operational efficiencies, which can help to lower costs and to reduce the risk of using untrusted master information in business process. Cloud computing introduces new

considerations where enterprise IT architectures are extended beyond the corporate networks into the cloud. Many enterprises are now adopting turnkey business applications offered as software as a service (SaaS) solutions, such as customer relationship management (CRM), payroll processing, human resource management, and many more. However, in the context of MDM solutions, many organizations perceive risks in having these solutions deployed on the cloud. In some cases, organizations are concerned with the legal restrictions of deploying solutions on the cloud, whereas in other cases organizations

have policies and strategies in force that limit solution deployment on the cloud. Irrespective of what all the cases might be, industry trends point to a prediction that many "extended enterprises" will keep MDM solutions on premises and will want its integrations with SaaS applications, specifically customer and asset domains. This trend puts a key focus on an important component in the solution construct, that is, the cloud integration middleware and how it fits with hybrid cloud architectures that span on premises and cloud services. As this trend pans out, the on-premises MDM solution integration with SaaS

applications will be the key pain point for the "extended enterprise." This IBM Redbooks® publication provides guidance to chief data officers, chief information officers, MDM practitioners, integration architects, and others who are interested in the integration of IBM InfoSphere Master Data Management with SaaS applications. This book lays the background on how mastering and governance needs for SaaS applications is quite similar to what on-premises business applications would need. It draws the perspective for serving the on-premises application and the SaaS application with the same

MDM hub. This book describes how IBM WebSphere® Cast Iron® Cloud Integration can serve as the "de-facto" cloud integration middleware to integrate the on-premises InfoSphere Master Data Management systems with any SaaS application by using Salesforce.com integration as an example. This book also covers aspects of handling bulk operations with IBM InfoSphere Information Server. After reading this book, you will have a good understanding about the considerations for on-premises InfoSphere Master Data Management integration with SaaS applications in general and Salesforce.com in particular. The MDM

practitioners and integration architects will understand the deployable integrations patterns and, in general, will be able to effectively contribute to delivering strategies that involve building solutions in this area. Additionally, SaaS vendors and customers looking to build or implement SaaS solutions that might require trusted master information will be able to use this compilation to ensure that the right architecture is put together and adhered to as a set of standard integrations patterns with all the core building blocks is essential for the longevity of a solution in this space. IBM Campaign® and IBM Interact are critical

components in an Enterprise Marketing Management (EMM) platform. They are the foundation for optimizing your marketing campaign effectiveness, marketing operations, and multi-channel marketing execution. However, the effectiveness of the marketing campaigns is highly dependent on the quality, accuracy, and completeness of the underlying customer information used by the EMM platform. IBM InfoSphere Master Data Management (MDM) is a trusted source of that complete, accurate, customer information. Using your master data as the basis for running marketing campaigns provides the best

information available for the best possible return-on-investment for your marketing operations. This IBM Redbooks® publication describes how master data about customers is extracted from an MDM hub and delivered through an "information supply chain" to your marketing data repository. This information supply chain includes capabilities such as data integration, metadata management, industry data models, and workload-optimized analytics appliance. The intent of this book is to give marketing organizations (both the business and IT functions for marketing) a blueprint for how to architect

your EMM solution in a way that best takes advantage of your trusted master data. The development of mobile technology has experienced exponential growth in recent years. Mobile devices are ubiquitous in modern society, impacting both our personal and professional lives. Mobile Application Development, Usability, and Security provides a thorough overview on the different facets of mobile technology management and its integration into modern society. Highlighting issues related to analytics, cloud computing, and different types of application development, this book is a pivotal reference

source for professionals, researchers, upper-level students, and practitioners actively involved in the area of mobile computing. An enterprise can gain differentiating value by aligning its master data management (MDM) and business process management (BPM) projects. This way, organizations can optimize their business performance through agile processes that empower decision makers with the trusted, single version of information. Many companies deploy MDM strategies as assurances that enterprise master data can be trusted and used in the business processes. IBM® InfoSphere® Master

Data Management creates trusted views of data assets and elevates the effectiveness of an organization's most important business processes and applications. This IBM Redbooks® publication provides an overview of MDM and BPM. It examines how you can align them to enable trusted and accurate information to be used by business processes to optimize business performance and bring more agility to data stewardship. It also provides beginning guidance on these patterns and where cross-training efforts might focus. This book is written for MDM or BPM architects and MDM and BPM architects. By reading

this book, MDM or BPM architects can understand how to scope joint projects or to provide reasonable estimates of the effort. BPM developers (or MDM developers with BPM training) can learn how to design and build MDM creation and consumption use cases by using the MDM Toolkit for BPM. They can also learn how to import data governance samples and extend them to enable collaborative stewardship of master data. The Only Complete Technical Primer for MDM Planners, Architects, and Implementers Companies moving toward flexible SOA architectures often face difficult information management and integration

challenges. The master data they rely on is often stored and managed in ways that are redundant, inconsistent, inaccessible, non-standardized, and poorly governed. Using Master Data Management (MDM), organizations can regain control of their master data, improve corresponding business processes, and maximize its value in SOA environments. Enterprise Master Data Management provides an authoritative, vendor-independent MDM technical reference for practitioners: architects, technical analysts, consultants, solution designers, and senior IT decisionmakers. Written by the IBM® data management

innovators who are pioneering MDM, this book systematically introduces MDM's key concepts and technical themes, explains its business case, and illuminates how it interrelates with and enables SOA. Drawing on their experience with cutting-edge projects, the authors introduce MDM patterns, blueprints, solutions, and best practices published nowhere else—everything you need to establish a consistent, manageable set of master data, and use it for competitive advantage. Coverage includes How MDM and SOA complement each other Using the MDM Reference Architecture to position and design MDM solutions within

an enterprise Assessing the value and risks to master data and applying the right security controls Using PIM-MDM and CDI-MDM Solution Blueprints to address industry-specific information management challenges Explaining MDM patterns as enablers to accelerate consistent MDM deployments Incorporating MDM solutions into existing IT landscapes via MDM Integration Blueprints Leveraging master data as an enterprise asset—bringing people, processes, and technology together with MDM and data governance Best practices in MDM deployment, including data warehouse and SAP integration This book

constitutes the refereed proceedings of the 28th IFIP TC 11 International Information Security and Privacy Conference, SEC 2013, held in Auckland, New Zealand, in July 2013. The 31 revised full papers presented were carefully reviewed and selected from 83 submissions. The papers are organized in topical sections on malware, authentication and authorization, network security/cryptography, software security, policy compliance and obligations, privacy protection, risk analysis and security metrics, social engineering, and security management/forensics. Using case studies and hands-on

activities, this book discusses topics in information governance (IG): recognizing hidden development and operational implications of IG-- and why it needs to be integrated in the broader organization; integrating IG activities with transactional processing, BI, MDM, and other enterprise information management functions; the information governance organization: defining roles, launching projects, and integrating with ongoing operations; performing IG in transactional projects, including those using agile methods and COTS products; bringing stronger information governance to MDM: strategy,

architecture, development, and beyond; governing information throughout the BI or big data project lifecycle; performing ongoing IG and data stewardship operational processes; auditing and enforcing data quality management in the context of enterprise information management; maintaining and evolving metadata management for maximum business value. -- \$c Edited summary from book. Design structure matrix (DSM) is a straightforward and flexible modeling technique that can be used for designing, developing, and managing complex systems. DSM offers network modeling tools that

represent the elements of a system and their interactions, thereby highlighting the system's architecture (or designed structure). Its advantages include compact format, visual nature, intuitive representation, powerful analytical capacity, and flexibility. Used primarily so far in the area of engineering management, DSM is increasingly being applied to complex issues in health care management, financial systems, public policy, natural sciences, and social systems. This book offers a clear and concise explanation of DSM methods for practitioners and researchers. The book's four sections correspond to the four

primary types of DSM models, offering tools for representing product architectures, organization architectures, process architectures, and multidomain architectures (which combine different types of DSM models to represent multiple domains simultaneously). In each section, a chapter introducing the technique is followed by a chapter of examples showing a variety of applications of that DSM type. The forty-four applications represent a wide range of industries (including automotive, aerospace, electronics, building, and pharmaceutical), countries (among them Australia,

Germany, Japan, Turkey, and the United States), and problems addressed (modularity, outsourcing, system integration, knowledge management, and others). Building upon his earlier book that detailed agile data warehousing programming techniques for the Scrum master, Ralph's latest work illustrates the agile interpretations of the remaining software engineering disciplines: Requirements management benefits from streamlined templates that not only define projects quickly, but ensure nothing essential is overlooked. Data engineering receives two new "hyper modeling"

techniques, yielding data warehouses that can be easily adapted when requirements change without having to invest in ruinously expensive data-conversion programs. Quality assurance advances with not only a stereoscopic top-down and bottom-up planning method, but also the incorporation of the latest in automated test engines. Use this step-by-step guide to deepen your own application development skills through self-study, show your teammates the world's fastest and most reliable techniques for creating business intelligence systems, or ensure that the IT department working for you is building your next

decision support system the right way. Learn how to quickly define scope and architecture before programming starts Includes techniques of process and data engineering that enable iterative and incremental delivery Demonstrates how to plan and execute quality assurance plans and includes a guide to continuous integration and automated regression testing Presents program management strategies for coordinating multiple agile data mart projects so that over time an enterprise data warehouse emerges Use the provided 120-day road map to establish a robust, agile data warehousing program A practical guide to

developing, administering, and scaling content management solutions in your organization for supporting digital transformation using Pimcore Key Features Kick-start your CMS career by preparing for Pimcore developer certifications Create custom websites with a rich digital experience for your business users with the help of step-by-step examples Get to grips with Pimcore's enterprise features for product management and data management Book Description Used by over eighty thousand companies worldwide, Pimcore is the leading open source enterprise-level content management system (CMS) solution. It is an

impressive alternative to conventional CMSes and is ideal for creating e-commerce and complex enterprise websites. This book helps developers working with standard CMSes such as WordPress and Drupal to use their knowledge of CMSes to learn Pimcore CMS in a practical way. You'll start by learning what Pimcore is and explore its various services such as PIM, MDM, and DAM. The book then shows you various techniques for developing custom websites in Pimcore based on the scale of your organization. You'll learn how to use Pimcore to improve the digital transformation of a company by implementing

enterprise Pimcore features. As you advance, you'll discover Pimcore's capabilities and features that make it a faster and more secure alternative to traditional CMSes. As well as demonstrating practical use cases, *Modernizing Enterprise CMS Using Pimcore* can help you understand the benefits of using Pimcore as a CMS solution, sharing best practices and proven techniques for designing professional Pimcore sites. By the end of this book, you'll be a trained Pimcore developer, able to create complex websites, and be well-versed in Pimcore's enterprise features such as MDM, PIM, and DAM. What you will learn: Create, edit, and manage

Pimcore documents for your web pages
Manage web assets in Pimcore using the digital asset management (DAM) feature
Discover how to create layouts, templates, and custom widgets for your web pages
Administer third-party add-ons for your Pimcore site using the admin UI
Discover practices to use Pimcore as a product information management (PIM) system
Explore Pimcore's master data management (MDM) for enterprise CMS development
Build reusable website components and save time using effective tips and tricks
Who this book is for: This book is for web developers and CMS professionals looking for

an alternative to WordPress and traditional CMS. Enterprise application developers looking for enterprise solutions for digital transformation will find this book useful. Beginner-level knowledge of PHP, HTML, and CSS is needed to understand the code examples used in the book. This book is dedicated to the scholar and academic teacher Kurt A. Heller, who is considered internationally to be one of the most brilliant excellence researchers. The wide spectrum of his writings and activities is reflected in the number of renowned international writers and scholars who contributed to this unique collection of essays

on excellence. (Series: Talentforderung - Expertiseentwicklung - Leistungsexzellenz/Talent - Expertise - Excellence - Vol. 10) This fully updated study guide offers complete coverage of every topic on the latest version of the SSCP exam Take the 2018 edition of the challenging Systems Security Certified Practitioner (SSCP) exam with confidence using the detailed information contained in this highly effective self-study guide. The book provides 100% coverage of the revised SSCP Common Body of Knowledge (CBK) as developed by the International Information Systems Security Certification Consortium

(ISC)2. Written by bestselling IT security certification author and trainer Darril Gibson, SSCP Systems Security Certified Practitioner All-in-One Exam Guide, Third Edition clearly explains all exam domains. You will get lists of topics covered at the beginning of each chapter, exam tips, practice exam questions, and in-depth answer explanations. Designed to help you pass the exam with ease, SSCP Systems Security Certified Practitioner All-in-One Exam Guide, Third Edition also serves as an essential on-the-job reference.

- Features 100% coverage of every objective on the SSCP exam
- Electronic content includes 250+ practice

questions and a secured book PDF • Written by an industry-recognized expert and experienced trainer Working effectively with Apple platforms at a corporate or business level includes not only infrastructure, but a mode of thinking that administrators have to adopt to find success. A mode of thinking that forces you to leave 30 years of IT dogma at the door. This book is a guide through how to integrate Apple products in your environment with a minimum of friction. Because the Apple ecosystem is not going away. You'll start by understanding where Apple, third-party software vendors, and the IT community is taking

us. What is Mobile Device Management and how does it work under the hood. By understanding how MDM works, you will understand what needs to happen on your networks in order to allow for MDM, as well as the best way to give the least amount of access to the servers or services that's necessary. You'll then look at management agents that do not include MDM, as well as when you will need to use an agent as opposed to when to use other options. Once you can install a management solution, you can deploy profiles on a device or you can deploy profiles on Macs using scripts. With Apple Device Management as your

guide, you'll customize and package software for deployment and lock down devices so they're completely secure. You'll also work on getting standard QA environments built out, so you can test more effectively with less effort. Apple is forging their own path in IT. They trade spots with Amazon, Google, and Microsoft as the wealthiest company to ever exist. And they will not be constrained by 30 or more years of dogma in the IT industry. You can try to shoehorn Apple devices into outdated modes of device management, or you can embrace Apple's stance on management with the help of

this book. What You'll LearnDeploy profiles across devices effectively and securely Install apps remotely both from the app store and through custom solutions Work natively with Apple environments rather than retrofitting older IT solutions Who This Book Is For Mac administrators within organizations that want to integrate with the current Apple ecosystem, including Windows administrators learning how to use/manage Macs, mobile administrators working with iPhones and iPads, and mobile developers tasked with creating custom apps for internal, corporate distribution. This book constitutes the refereed

proceedings of the SIGSAND/PLAIS EuroSymposium 2015 titled Information Systems: Development, Applications, Education, held in Gdansk, Poland, in September 25. The objective of this symposium is to promote and develop high-quality research on all issues related to systems analysis and design (SAND). It provides a forum for SAND researchers and practitioners in Europe and beyond to interact, collaborate, and develop their field. The 11 papers presented in this volume were carefully reviewed and selected from 28 submissions. They are organized in topical sections on information systems

development; business process modeling; and information systems education. Multi-Domain Master Data Management delivers practical guidance and specific instruction to help guide planners and practitioners through the challenges of a multi-domain master data management (MDM) implementation. Authors Mark Allen and Dalton Cervo bring their expertise to you in the only reference you need to help your organization take master data management to the next level by incorporating it across multiple domains. Written in a business friendly style with sufficient program planning guidance, this book covers a

comprehensive set of topics and advanced strategies centered on the key MDM disciplines of Data Governance, Data Stewardship, Data Quality Management, Metadata Management, and Data Integration. Provides a logical order toward planning, implementation, and ongoing management of multi-domain MDM from a program manager and data steward perspective. Provides detailed guidance, examples and illustrations for MDM practitioners to apply these insights to their strategies, plans, and processes. Covers advanced MDM strategy and instruction aimed at improving data quality management, lowering

data maintenance costs, and reducing corporate risks by applying consistent enterprise-wide practices for the management and control of master data. Between the high-level concepts of business intelligence and the nitty-gritty instructions for using vendors' tools lies the essential, yet poorly-understood layer of architecture, design and process. Without this knowledge, Big Data is belittled - projects flounder, are late and go over budget. Business Intelligence Guidebook: From Data Integration to Analytics shines a bright light on an often neglected topic, arming you with the knowledge you need to design rock-solid

business intelligence and data integration processes. Practicing consultant and adjunct BI professor Rick Sherman takes the guesswork out of creating systems that are cost-effective, reusable and essential for transforming raw data into valuable information for business decision-makers. After reading this book, you will be able to design the overall architecture for functioning business intelligence systems with the supporting data warehousing and data-integration applications. You will have the information you need to get a project launched, developed, managed and delivered on time and on budget - turning the

deluge of data into actionable information that fuels business knowledge. Finally, you'll give your career a boost by demonstrating an essential knowledge that puts corporate BI projects on a fast-track to success. Provides practical guidelines for building successful BI, DW and data integration solutions. Explains underlying BI, DW and data integration design, architecture and processes in clear, accessible language. Includes the complete project development lifecycle that can be applied at large enterprises as well as at small to medium-sized businesses Describes best practices and pragmatic approaches so readers can put

them into action. Companion website includes templates and examples, further discussion of key topics, instructor materials, and references to trusted industry sources. This book reviews the applications, technologies, standards, and other issues related to Smart Cities. The book is divided into broad topical sections including Vision & Reality, Technologies & Standards, Transportation Considerations, and Infrastructure & Environment. In these sections, authors who are experts in their fields present essential aspects of applications, technologies, requirements, and best-practices. In all cases, the authors have direct,

substantive experience with the subject and present an important viewpoint driven by industry or governmental interests; the authors have each participated in the development and/or deployment of constituent technologies, standards, and applications, and share unique perspectives on key areas of the Smart City. Learn everything you need to become a successful data architect on the Salesforce platform Key Features Adopt best practices relating to data governance and learn how to implement them Learn how to work with data in Salesforce while maintaining scalability and security of an instance Gain

insights into managing large data volumes in SalesforceBook Description As Salesforce orgs mature over time, data management and integrations are becoming more challenging than ever. Salesforce Data Architecture and Management follows a hands-on approach to managing data and tracking the performance of your Salesforce org. You'll start by understanding the role and skills required to become a successful data architect. The book focuses on data modeling concepts, how to apply them in Salesforce, and how they relate to objects and fields in Salesforce. You'll learn the intricacies of managing data in Salesforce, starting from

understanding why Salesforce has chosen to optimize for read rather than write operations. After developing a solid foundation, you'll explore examples and best practices for managing your data. You'll understand how to manage your master data and discover what the Golden Record is and why it is important for organizations. Next, you'll learn how to align your MDM and CRM strategy with a discussion on Salesforce's Customer 360 and its key components. You'll also cover data governance, its multiple facets, and how GDPR compliance can be achieved with Salesforce. Finally, you'll discover Large Data Volumes

(LDVs) and best practices for migrating data using APIs. By the end of this book, you'll be well-versed with data management, data backup, storage, and archiving in Salesforce. What you will learnUnderstand the Salesforce data architectureExplore various data backup and archival strategiesUnderstand how the Salesforce platform is designed and how it is different from other relational databasesUncover tools that can help in data management that minimize data trust issues in your Salesforce orgFocus on the Salesforce Customer 360 platform, its key components, and how it can help organizations in connecting

with customersDiscover how
Salesforce can be used for
GDPR complianceMeasure and
monitor the performance of
your Salesforce orgWho this

book is for This book is for
aspiring architects, Salesforce
admins, and developers. You
will also find the book useful if
you're preparing for the
Salesforce Data Architecture

and Management exam. A basic
understanding of Salesforce is
assumed.

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