

Business Metadata Capturing Enterprise Knowledge

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EXPLORING BOOK SUMMARIES OF BUSINESS METADATA CAPTURING ENTERPRISE KNOWLEDGE

Clearly Explained IBM Press

This report provides an analysis of knowledge management and its role in the enterprise. It examines concepts and theories of knowledge management and discusses E-mail, groupware and push technology and explains how these technologies can be used to capture, store and analyze corporate knowledge.

Managing Information Risks Morgan Kaufmann

Knowledge Management has evolved into one of the most important streams of management research, affecting organizations of all types at many different levels. The Encyclopedia of Knowledge Management, Second Edition provides a compendium of terms, definitions and explanations of concepts, processes and acronyms addressing the challenges of knowledge management. This two-volume collection covers all aspects of this critical discipline, which range from knowledge identification and representation, to the impact of Knowledge Management Systems on organizational culture, to the significant integration and cost issues being faced by Human Resources, MIS/IT, and production departments.

Becoming a Knowledge-Sharing Organization John Wiley & Sons

Business Metadata: Capturing Enterprise Knowledge is the first book that helps businesses capture corporate (human) knowledge and unstructured data, and offer solutions for codifying it for use in IT and management. Written by Bill Inmon, one of the fathers of the data warehouse and well-known author, the book is filled with war stories, examples, and cases from current projects. It includes a complete metadata acquisition methodology and project plan to guide readers every step of the way, and sample unstructured metadata for use in self-testing and developing skills. This book is recommended for IT professionals, including those in consulting, working on systems that will deliver better knowledge management capability. This includes people in these positions: data architects, data analysts, SOA architects, metadata analysts, repository (metadata data warehouse) managers as well as vendors that have a metadata component as part of their systems or tools. First book that helps businesses capture corporate (human) knowledge and unstructured data, and offer solutions for codifying it for use in IT and management Written by Bill Inmon, one of the fathers of the data warehouse and well-known author, and filled with war stories, examples, and cases from current projects Very practical, includes a complete metadata acquisition methodology and project plan to guide readers every step of the way Includes sample unstructured metadata for use in self-testing and developing skills

Handbook Of Metadata, Semantics And Ontologies IGI Global

The Data Quality Assessment Framework shows you how to measure and monitor data quality, ensuring quality over time. You'll start with general concepts of measurement and work your way through a detailed framework of more than three dozen measurement types related to five objective dimensions of quality: completeness, timeliness, consistency, validity, and integrity. Ongoing measurement, rather than one time activities will help your organization reach a new level of data quality. This plain-language approach to measuring data can be understood by both business and IT and provides practical guidance on how to apply the DQAF within any organization enabling you to prioritize measurements and effectively report on results. Strategies for using data measurement to govern and improve the quality of data and guidelines for applying the framework within a data

asset are included. You'll come away able to prioritize which measurement types to implement, knowing where to place them in a data flow and how frequently to measure. Common conceptual models for defining and storing of data quality results for purposes of trend analysis are also included as well as generic business requirements for ongoing measuring and monitoring including calculations and comparisons that make the measurements meaningful and help understand trends and detect anomalies. Demonstrates how to leverage a technology independent data quality measurement framework for your specific business priorities and data quality challenges Enables discussions between business and IT with a non-technical vocabulary for data quality measurement Describes how to measure data quality on an ongoing basis with generic measurement types that can be applied to any situation

Strategies for Exploiting Enterprise Knowledge Springer Science & Business Media

Information systems often fail because their requirements are poorly defined. This book shows IT professionals how to specify more precisely and more effectively what their systems need to do. The key lies in the discovery and application of what are called business rules. A business rule is a compact and simple statement that represents some important aspect of a business. By capturing the rules for your business—the logic that governs its operation—you will gain the ability to create systems fully aligned with your business needs. In this book, Tony Morgan provides a thorough introduction to business rules, as well as a practical framework for integrating them into information systems. He shows you how to identify and express business rules, offers practical strategies for their use, and explains the key elements of logic that underpin their application. Topics covered include: Understanding the role of business rules and models in information systems development Using models to structure and manage business activities, including e-commerce Defining and discovering business rules Controlling business rule quality Fitting business rules into varied technical architectures Implementing business rules using available technology Whether you are an analyst, designer, developer, or technical manager, the in-depth information and practical perspective in this valuable resource will guide you in your efforts to build rule-centered information systems that fully support the goals of your organization.

The Data Quality Approach Computer Technology Research Corporation

This book provides a comprehensive and accessible introduction to knowledge graphs, which have recently garnered notable attention from both industry and academia. Knowledge graphs are founded on the principle of applying a graph-based abstraction to data, and are now broadly deployed in scenarios that require integrating and extracting value from multiple, diverse sources of data at large scale. The book defines knowledge graphs and provides a high-level overview of how they are used. It presents and contrasts popular graph models that are commonly used to represent data as graphs, and the languages by which they can be queried before describing how the resulting data graph can be enhanced with notions of schema, identity, and context. The book discusses how ontologies and rules can be used to encode knowledge as well as how inductive techniques—based on statistics, graph analytics, machine learning, etc.—can be used to encode and extract knowledge. It covers techniques for the creation, enrichment, assessment, and refinement of knowledge graphs and surveys recent open and enterprise knowledge graphs and the industries or applications within which they have been most widely adopted. The book closes by discussing the current limitations and future directions along which knowledge graphs are likely to evolve. This book is aimed at students, researchers, and practitioners who wish to learn more about knowledge graphs and how they facilitate extracting value from diverse data at large scale. To make the book accessible for newcomers, running examples and graphical notation are used throughout. Formal definitions and extensive references are also provided for those who opt to delve more deeply into specific topics.

At our book summary collection, we securely believe in the power of exploring Business Metadata Capturing Enterprise Knowledge. Not just can this open up new expertise and insights, however it can likewise save viewers time and aid them make a decision which books to spend their time in. Let's study the concept of Business Metadata Capturing Enterprise Knowledge summaries and their advantages.

WHAT ARE BOOK SUMMARIES?

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WHY ARE THEY USEFUL?

Business Metadata Capturing Enterprise Knowledge recaps are useful since they enable viewers to get a deeper understanding of a book's key points and motifs without needing to review the complete book. They are particularly beneficial for active people that want to stay educated but may not have the moment to review an entire book of Business Metadata Capturing Enterprise Knowledge.

JUST HOW CAN THEY PROFIT BUSINESS METADATA CAPTURING ENTERPRISE KNOWLEDGE READERS?

Schedule summaries can benefit visitors by saving time, supplying a practical introduction of Business Metadata Capturing Enterprise Knowledge's essence, and assisting visitors figure out which books deserve spending even more time in. They allow readers to quickly and easily obtain insights and knowledge without needing to dedicate to checking out the full publication of Business Metadata Capturing Enterprise Knowledge.

- Saves time

- Supplies a quick summary
- Aids Business Metadata Capturing Enterprise Knowledge readers decide which books to invest even more time in

Keep tuned for our following area where we will dive deeper into the benefits of Business Metadata Capturing Enterprise Knowledge.

Business Concept Mapping Applied Technics Publications

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

Proven Methods for Governed Data and Analytic Quality Pearson Education

This volume presents a methodology for defining, measuring and improving data quality. It lays out an economic framework for understanding the value of data quality, then outlines data quality rules and domain- and mapping-based approaches to consolidating enterprise knowledge.

Decision Support Systems for Business Intelligence IGI Global

Written by one of the foremost records and information management leaders in the world, this book provides a clear explanation and analysis of the fundamental principles associated with information risk, which is broadly defined as a combination of threats, vulnerabilities, and consequences related to use of an organization's information assets.--Patricia C. Franks, Program Coordinator for the Master of Archives and Records Management, School of Information, San José State University, and author of Records and Information Management

Designing the Data Lake and Avoiding the Garbage Dump Pearson Education

Today, companies capture and store tremendous amounts of information about every aspect of their business: their customers, partners, vendors, markets, and more. But with the rise in the quantity of information has come a corresponding decrease in its quality—a problem businesses recognize and are working feverishly to solve. Enterprise Knowledge Management: The Data Quality Approach presents an easily adaptable methodology for defining, measuring, and improving data quality. Author David Loshin begins by presenting an economic framework for understanding the value of data quality, then proceeds to outline data quality rules and domain-and mapping-based approaches to consolidating enterprise knowledge. Written for both a managerial and a technical audience, this book will be indispensable to the growing number of companies committed to wresting every possible advantage from their vast stores of business information. Expert advice from a highly successful data quality consultant The only book on data quality offering the business acumen to appeal to managers and the technical expertise to appeal to IT professionals Details the high costs of bad data and the options available to companies that want to transform mere data into true enterprise knowledge Presents conceptual and practical information complementing companies' interest in data warehousing, data mining, and knowledge discovery

Capturing Enterprise Knowledge Springer

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.

An SOA Approach to Managing Core Information Elsevier

The data warehousing bible updated for the new millennium Updated and expanded to reflect the many technological advances occurring since the previous edition, this latest edition of the data warehousing "bible" provides a comprehensive introduction to building data marts, operational data stores, the Corporate Information Factory, exploration warehouses, and Web-enabled warehouses. Written by the father of the data warehouse concept, the book also reviews the unique requirements for supporting e-business and explores various ways in which the traditional data warehouse can be integrated with new technologies to provide enhanced customer service, sales, and support—both online and offline—including near-line data storage techniques.

BENEFITS OF BUSINESS METADATA CAPTURING ENTERPRISE KNOWLEDGE PUBLICATION RECAPS

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summaries. Right here are a few key advantages:

- **Time-saving:** With our busy routines, it can be testing to locate time to read every publication we want. Our publication summaries provide a fast summary of the most essential factors without requiring to invest numerous hours in checking out Business Metadata Capturing Enterprise Knowledge whole book.
- **Quick review of Business Metadata Capturing Enterprise Knowledge:** If there is a book you want, but you're unsure if it's ideal for you, our book summaries use a peek into the author's essences and writing style before buying the full publication.
- **Boosted understanding in Business Metadata Capturing Enterprise Knowledge:** For those that have checked out the whole book, our publication recaps provide a possibility to rejuvenate your memory and find the bottom lines and themes.

Generally, book summaries of Business Metadata Capturing Enterprise Knowledge offer a beneficial device to improve your analysis experience and optimize your effort and time.

EXACTLY HOW TO CREATE A PUBLICATION SUMMARY OF BUSINESS METADATA CAPTURING ENTERPRISE KNOWLEDGE

Composing a publication recap may appear like a daunting job, however it can actually be a fun and fulfilling experience. Below are some crucial elements to remember when creating your book recap:

1. **Focus on the essence:** The goal of a publication recap is to capture the essence of Business Metadata Capturing Enterprise Knowledge in a concise and engaging method. Prevent obtaining caught up in the details and instead concentrate on the key points and themes that the author is attempting to share.
2. **Keep it brief:** Business Metadata Capturing Enterprise Knowledge summary is indicated to be a fast review, so maintain it short and sweet. Adhere to one of the most important information and prevent entering into excessive depth.
3. **Consist of the primary personalities:** Make sure to consist of a short description of the main personalities, including their names and any defining characteristics or attributes.
4. **Highlight the central motifs:** Determine the main styles of Business Metadata Capturing Enterprise Knowledge and highlight them in your recap. This will offer viewers a better idea of what guide has to do with and what they can anticipate to pick up from it.

By keeping these crucial elements in mind, you can compose an efficient and engaging book recap that records the essence of Business Metadata Capturing Enterprise Knowledge publication and leaves viewers desiring more.

DISCOVERING THE RIGHT BUSINESS METADATA CAPTURING ENTERPRISE KNOWLEDGE PUBLICATION RECAPS

Are you having a hard time to discover the appropriate Business Metadata Capturing Enterprise Knowledge summaries for your passions? Don't stress, we've got you covered. Right here are some suggestions on discovering high-grade publication recaps:

1. ONLINE PLATFORMS

Among the most convenient means to find Business Metadata Capturing Enterprise Knowledge summaries is through on the internet systems. Web sites like Blinkist, getAbstract, and Sumizeit supply a range of recaps for different categories and categories. You can additionally look into Amazon Kindle's "Short Reads" section for quick, easy-to-digest recaps.

2. BOOK TESTIMONIAL INTERNET SITES

Book testimonial internet sites like Goodreads and BookPage frequently feature summaries along with their evaluations. They can give a much deeper understanding of Business Metadata Capturing Enterprise Knowledge plot and themes while additionally using insight into the viewers's experience. You can also look into their "suggested" web page to uncover brand-new summaries.

3. CURATED COLLECTIONS

ECSM 2014 Morgan Kaufmann

Organizations invest incredible amounts of time and money obtaining and then storing big data in data stores called data lakes. But how many of these organizations can actually get the data back out in a useable form? Very few can turn the data lake into an information gold mine. Most wind up with garbage dumps. Data Lake Architecture will explain how to build a useful data lake, where data scientists and data analysts can solve business challenges and identify new business opportunities. Learn how to structure data lakes as well as analog, application, and text-based data ponds to provide maximum business value. Understand the role of the raw data pond and when to use an archival data pond. Leverage the four key ingredients for data lake success: metadata, integration mapping, context, and metaprocess. Bill Inmon opened our eyes to the architecture and benefits of a data warehouse, and now he takes us to the next level of data lake architecture.

A Data Quality Assessment Framework Pearson Education

Metadata research has emerged as a discipline cross-cutting many domains, focused on the provision of distributed descriptions (often called

annotations) to Web resources or applications. Such associated descriptions are supposed to serve as a foundation for advanced services in many application areas, including search and location, personalization, federation of repositories and automated delivery of information. Indeed, the Semantic Web is in itself a concrete technological framework for ontology-based metadata. For example, Web-based social networking requires metadata describing people and their interrelations, and large databases with biological information use complex and detailed metadata schemas for more precise and informed search strategies. There is a wide diversity in the languages and idioms used for providing meta-descriptions, from simple structured text in metadata schemas to formal annotations using ontologies, and the technologies for storing, sharing and exploiting meta-descriptions are also diverse and evolve rapidly. In addition, there is a proliferation of schemas and standards related to metadata, resulting in a complex and moving technological landscape — hence, the need for specialized knowledge and skills in this area. The Handbook of Metadata, Semantics and Ontologies is intended as an authoritative reference for students, practitioners and researchers, serving as a roadmap for the variety of metadata schemas and ontologies available in a number of key domain areas, including culture, biology, education, healthcare, engineering and library science.

Executing Data Quality Projects World Bank Publications

Fully revised, updated, and expanded, Relational Database Design and Implementation, Third Edition is the most lucid and effective introduction to the subject available for IT/IS professionals interested in honing their skills in database design, implementation, and administration. This book provides the conceptual and practical information necessary to develop a design and management scheme that ensures data accuracy and user satisfaction while optimizing performance, regardless of experience level or choice of DBMS. The book begins by reviewing basic concepts of databases and database design, then briefly reviews the SQL one would use to create databases. Topics such as the relational data model, normalization, data entities and Codd's Rules (and why they are important) are covered clearly and concisely but without resorting to "Dummies"-style talking down to the reader. Supporting the book's step-by-step instruction are three NEW case studies illustrating database planning, analysis, design, and management practices. In addition to these real-world examples, which include object-relational design techniques, an entirely NEW section consisting of three chapters is devoted to database implementation and management issues. * Principles needed to understand the basis of good relational database design and implementation practices. * Examples to illustrate core concepts for enhanced comprehension and to put the book's practical instruction to work. * Methods for tailoring DB design to the environment in which the database will run and the uses to which it will be put. * Design approaches that ensure data accuracy and consistency. * Examples of how design can inhibit or boost database application performance. * Object-relational design techniques, benefits, and examples. * Instructions on how to choose and use a normalization technique. * Guidelines for understanding and applying Codd's rules. * Tools to implement a relational design using SQL. * Techniques for using CASE tools for database design.

Business Metadata: Capturing Enterprise Knowledge World Scientific

Drive Powerful Business Value by Extending MDM to Social, Mobile, Local, and Transactional Data Enterprises have long relied on Master Data Management (MDM) to improve customer-related processes. But MDM was designed primarily for structured data. Today, crucial information is increasingly captured in unstructured, transactional, and social formats: from tweets and Facebook posts to call center transcripts. Even with tools like Hadoop, extracting usable insight is difficult—often, because it's so difficult to integrate new and legacy data sources. In Beyond Big Data, five of IBM's leading data management experts introduce powerful new ways to integrate social, mobile, location, and traditional data. Drawing on pioneering experience with IBM's enterprise customers, they show how Social MDM can help you deepen relationships, improve prospect targeting, and fully engage customers through mobile channels. Business leaders and practitioners will discover powerful new ways to combine social and master data to improve performance and uncover new opportunities. Architects and other technical leaders will find a complete reference architecture, in-depth coverage of relevant technologies and use cases, and domain-specific best practices for their own projects. Coverage Includes How Social MDM extends fundamental MDM concepts and techniques Architecting Social MDM: components, functions, layers, and interactions Identifying high value relationships: person to product and person to organization Mapping Social MDM architecture to specific products and technologies Using Social MDM to create more compelling customer experiences Accelerating your transition to highly-targeted, contextual marketing Incorporating mobile data to improve employee productivity Avoiding privacy and ethical pitfalls throughout your ecosystem Previewing Semantic MDM and other emerging trends

A Handbook for Scaling Up Solutions through Knowledge Capturing and Sharing Technics Publications

In the era of "Big Data," effective information management has become crucial to the success of virtually all organizations. Unfortunately, few IT practitioners know today's best practices for successfully managing enterprise information resources. "Patterns for Information Management" offers the solution: a multi-disciplinary patterns-based approach that reflects where information comes from, how it is distributed, protected, governed,

monitored -- and, ultimately, utilized. Leading IBM information management experts Mandy Chessell and Harald Smith show how to design, integrate, and optimize "information supply chains" that: * Effectively characterize the information issues associated with today's complex distributed systems* Fully reflect today's service-oriented, message-based environments* Establish an information landscape that is effective, manageable, ordered, and efficient.* Create orderly flows of information which can be reused and synchronized wherever necessary* Support reasoned decision-making about the applicability and consequences of each alternative approach Chessell and Smith complement their plain-English information pattern language with a complete case study demonstrating its real-world applications. Their pioneering guidebook will serve as both an indispensable guide to architects at all levels of experience "and" an outstanding long-term information management reference.

Data Model Patterns: A Metadata Map Morgan Kaufmann

Portals present unique strategic challenges in the academic environment. Their conceptualization and design requires the input of campus constituents who seldom interact and whose interests are often opposite. The implementation of a portal requires a coordination of applications and databases controlled by different campus units at a level that may never before have been attempted at the institution. Building a portal is as much about constructing intra-campus bridges as it is about user interfaces and content. Designing Portals: Opportunities and Challenges discusses the current status of portals in higher education by providing insight into the role portals play in an institution's business and educational strategy, by taking the reader through the processes of conceptualization, design, and implementation of the portals (in different stages of development) at major universities and by offering insight from three producers of portal software systems in use at institutions of higher learning and elsewhere.

For visitors that like a much more personalized touch, curated collections are a wonderful alternative. These collections are commonly created by industry professionals or enthusiasts and supply a checklist of must-read recaps for different categories. You can discover them on blog sites, podcasts, and also social networks teams.

With these suggestions, you can find the right Business Metadata Capturing Enterprise Knowledge publication summaries for your passions and choices. Pleased reading!

REVIEW OF BUSINESS METADATA CAPTURING ENTERPRISE KNOWLEDGE

- I ordered Tabers Cyclopedic guide first, but it arrived with some pages damaged in binding. And it seemed compressed in size and with its explanations. So I sent it back (thank you damage) and switched to Mosby's. Hooray! Bigger & better & more thorough with LOTS of pictures. The words searched for are printed in blue, with the definitions in black, making it easy to scan for your subject. Lucky me.

- I am in my early twenties and didn't know about Heinlen until I turned 12. He was not on my recommended reading list as my parents knew my tendency, which began around my 8th year, to read everything by an author if I liked one of their titles. I think they were nervous about the compatibility of Stranger In a Strange Land for an 8 - 10 year old. I did not discover Heinlein's juveniles until I was in my early twenties, which I still haven't left. I had read much of Heinlen's more mature material in my `teens, some of it before I was ready for it. Therefore, when I read SPACE CADET, I approached it with a mind toward how it would have affected me if I had read it earlier in life. So doing, I was highly impressed with his work. There seems to be some contention concerning the relation of this book to his better-known STARSHIP TROOPERS. Regardless of other subject matter, I think that there is a legitimate connection between the principles that he was promoting in both. The main difference in the two books is the age group and the times he was writing for, since the adventures that entertained children and older youths in the nineteen-forties or fifties would probably not have held the attention or provided equal entertainment for those more advanced in years and less innocent in outlook. Heinlen rarely wrote anything without a point, and in SPACE CADET he promoted concepts of personal responsibility to society, spoke against racism (VERY progressive for 1948), warned of the practical disadvantages of drinking, congratulated honoring one's parents in the face of parental ignorance, advocated a strong military defense capability even as he pronounced the lofty goal of a lasting peace, and celebrated study and productive activity over immature destructive behaviors. He did all of this with very little moral grandstanding or preaching, and even the few speeches he included contained enough serious drama and ironic humor to keep almost anyone buried in the story. What Heinlen achieved, in short, is a remarkable work of juvenile fiction; active, adventurous, fanciful only in its dated depiction of a possible Venus, never slowing down, just utopian enough for those who retain some innocence, just worldly practical enough to encourage thinking and the abandonment of naiveté, as full of turmoil and new things and "what-do-I-want-to-do-with-my-life" questionings as will cause mental weight lifting and big dreams in most brains from 8 to 80. Maybe the story is somewhat old-fashioned, maybe a lot of people would rather watch something mindless than read something that is at all dated. However, I can honestly state my absolute opinion that if anyone picks up this book and, with an open mind, pays attention to it, it will demonstrate to them practical lessons that a lot of people, these days, seem to be in need of learning. Also, it's just a titanic chunk of fun for anyone who loves, or is being introduced to the love of hard sci-fi.