

Search Service Documentation Bussiness Objects

"This book gives both scientists and practical experts an insight into the many different facets of IT service quality management"--Provided by publisher.

Human-Centered e-Business focuses on analysis, design and development of human-centered e-business systems. The authors illustrate the benefits of the human-centered approach in intelligent e-sales recruitment application, integrating data mining technology with decision support model for profiling transaction behavior of internet banking customers, user-centered context dependent data organization using XML, knowledge management, and optimizing the search process through human evaluation in an intelligent interactive multimedia application. The applications described in this work, facilitates both e-business analysis from a business professional's perspective, and human-centered system design from a system development perspective. These applications employ a range of internet and soft computing technologies.

"This book provides chapters describing in more detail the structure of information systems pertaining to enabling technologies, aspects of their implementations, IT/IS governing, risk management, disaster management, interrelated manufacturing and supply chain strategies, and new IT paradigms"--Provided by publisher.

With the rapid advancement in information technologies, e-business is rapidly growing in significance and is having a direct impact upon business applications and technologies. E-Business Models, Services and Communications provides researchers and practitioners with valuable information on recent advances and developments in emerging e-business models and technologies. This book covers a variety of topics such as e-business models, telecommunication network utilization, online consumer behavior, electronic communication adoption and service provider strategies, and privacy policies and implementation issues.

"This book explores the implementation of organizational and end user computing initiatives and provides foundational research to further the understanding of this discipline and its related fields"--Provided by publisher.

This book constitutes the joint post-proceedings of four topical workshops held as satellite meetings of the 8th International Conference on service-oriented computing, ICSOC 2010, held in San Francisco, CA, USA in December 2010. The 23 revised papers presented together with four introductory descriptions are organized in topical sections corresponding to the individual workshops: performance assessment and auditing in service computing (PAASC 2010), engineering service-oriented applications (WESOA 2010), services, energy and ecosystems (SEE 2010), and service-oriented computing in logistics (SOC-LOG 2010)

Most organizations rely on complex enterprise information systems (EISs) to codify their business practices and collect,

process, and analyze business data. These EISs are large, heterogeneous, distributed, constantly evolving, dynamic, long-lived, and mission critical. In other words, they are a complicated system of systems. As features are added to an EIS, new technologies and components are selected and integrated. In many ways, these information systems are to an enterprise what a brain is to the higher species--a complex, poorly understood mass upon which the organism relies for its very existence. To optimize business value, these large, complex systems must be modernized--but where does one begin? This book uses an extensive real-world case study (based on the modernization of a thirty year old retail system) to show how modernizing legacy systems can deliver significant business value to any organization.

From managing your corporate image to organizing information and making it readily available to prospects, this book explores both the technical and strategic issues of tapping into the very latest Web methods. This book also provides a cost/benefit analysis and makes recommendations on what type of information a company should provide over the Net. Multimedia Document Systems in Perspectives brings together in one place important contributions and up-to-date research results in this fast moving area. Multimedia Document Systems in Perspectives serves as an excellent reference, providing insight into some of the most challenging research issues in the field.

The NCITS Accredited Standards Committee H7 Object Information Management, now part of NCITS T3 Open Distributed Processing, and the Object Management Group BUsiness Object Domain Task Force (BODTF) jointly sponsored the Fifth Annual OOPSLA Workshop on Business Object Component Design and Implementation. The focus of the workshop was on design and implementation of business object component frameworks and architectures. Key aspects discussed included:

- What is a comprehensive definition of a business object component?
- Are the four layers (user, workspace, enterprise, resource) presented at the OOPSLA'98 workshop the right way to layer a business object component system?
- How is a business object component implemented across these layers? What are the associated artefacts? Are there different object models representing the same business object component in different layers?
- What are the dependencies between business object components? How can they be plug and play given these dependencies? How can they be flexible and adaptive? How do they participate in workflow systems?
- How will the emergence of a web-based distributed object-computing infrastructure based on XML, influence business object component architectures? In particular, is the W3C WebBroker proposal appropriate for distributed business object component computing? The aim of the workshop was to:

- Enhance the pattern literature on the specification, design, and implementation of interoperable, plug and play, distributed business object components.

Scenario -- Groundwork -- Structure -- Meaning -- Modeling processes -- Communication -- Navigation and discovery -- Presentation formats -- Infrastructure -- Solutions.

Enterprise Information Systems (EIS) integrate and support business processes across functional boundaries in a supply chain environment, and have become increasingly popular over the last 15 years. In recent years, more and more enterprises world-

wide have adopted EIS such as Enterprise Resource Planning (ERP) for running their businesses. Previously, information systems such as CAD, CAM, MRPII and CRM were widely used for partial functional integration within a business organization. With global operation, global supply chain, and fierce competition in place, there is a need for suitable EIS such as ERP, E-Business or E-Commerce systems to integrate extended enterprises in a supply chain environment with the objective of achieving efficiency, competency, and competitiveness. As a result, there is a growing demand for researching EIS to provide insights into challenges, issues, and solutions related to the design, implementation and management of EIS. The papers in *Advances in Enterprise Information Systems* were selected from two premier international conferences: the International Forum of Information Systems Frontiers—Xian International Symposium (IFISF), June 29-30, 2006, Xian, China and the IFIP TC 8.9 International Conference on Research and Practical Issues of Enterprise Information Systems (Confenis 2007), October 14-16, Beijing, China. Both events provided an excellent opportunity for EIS academicians and practitioners in the world to gather and exchange ideas, and present original research in their fields. *Advances in Enterprise Information Systems* will be invaluable to scientists, researchers and professionals in EIS.

This book highlights how to integrate and realize Service Oriented Architecture with web services which is one of the emerging technologies in IT. It also focuses on the latest technologies, such as Metadata Management, Security issues, Quality of Service and its commercialization. A chapter is also devoted to the study of Emerging standards and development tools for Enterprise Application Integration. Most enterprises have made extensive investments in system resources over the course of many years. Such enterprises have an enormous amount of data stored in legacy enterprise information systems (EIS), so it is not practical to discard existing systems. It is more cost-effective to evolve and enhance EIS. This could be done with the help of SOA realizing with web services, which is an emerging field in Information technology. SOA is usually realized through web services. Web services specifications may add to the confusion of how to best to utilize SOA to solve business problems. In order for a smooth transition to SOA, using an architectural style that helps in realizing web services through SOA. The book concentrates on this architecture, realization and integration of SOA with web services. It consists of 12 chapters and is recommended for all postgraduate Computer Science Students.

"This book brings together a comprehensive collection on commercial, government or societal exploitation of the Internet and ICT, representing cutting edge research from over 30 countries. The issues, applications and case studies presented facilitate knowledge sharing, which is key to addressing global eAdoption issues and the Digital Divide. It can be used to benchmark regional and national developments, avoid previous mistakes and identify potential partners and exploitation opportunities." -- Preface.

The four-volume set LNAI 6276--6279 constitutes the refereed proceedings of the 14th International Conference on Knowledge-Based Intelligent Information and Engineering Systems, KES 2010, held in Cardiff, UK, in September 2010. The 272 revised papers presented were carefully reviewed and selected from 360 submissions. They present the results of high-quality research

on a broad range of intelligent systems topics.

K2 blackpearl and the K2 platform is a large, powerful, "game-changing" application platform built on Microsoft technologies. Understanding it from top to bottom would be a great task for a single person, which is why we have gathered more than a dozen authors to supply you with the information to successfully transform your company into a process-oriented, efficient business that can grow with the K2 platform. Since this is the first book on K2 blackpearl, you will find a broad range of topics in this book, from the market in which K2 blackpearl is aimed to the architecture of the platform, from how to approach process design to developing your own custom user manager. The first part of the book is meant for everyone and provides an understanding of K2 blackpearl and where it fits in the marketplace. It is included to provide a framework for thinking about various aspects of process-driven applications, including how they differ from business process management techniques; identifying processes in your company to automate, the different pieces that make up a process; measuring the success of your efforts; and finally shifting your company's culture in the direction of process efficiency. This section may be the only section you need to read if you are sponsoring a process improvement effort in your company. If you are responsible for leading the effort, make sure to read Chapters 3 and 4. The other parts are meant to provide details on how to effectively deploy and use K2 blackpearl and include a broad range of topics. Read what you are most interested in, but also make sure to read Chapter 8, which will give you a great foundation to start designing processes with K2 blackpearl. Chapter 14 is also recommended for everyone because it provides an overview of the available K2 Designers and how you can share projects among them. K2 blackpearl is the main subject of this book, although we devote an entire chapter, Chapter 23, to the add-on product K2 connect to give you an understanding of how to bring SAP data into your processes. We also talk a bit about K2 blackpoint, particularly in the SharePoint chapters. Since K2 blackpoint is built on the K2 blackpearl foundation, many of the same concepts apply to that product as well, but we do not point out the differences between K2 blackpearl and K2 blackpoint. For that information browse to www.k2.com.

New approaches and technologies are required to coordinate the interdependent interests of economic entities. Distributed decision making and self-organization become increasingly important where hierarchical planning reaches its limits. Therefore, innovative solutions have to face those challenges allowing especially for coordination and information processing between distributed entities. In particular market-based coordination mechanisms provide this opportunity; they can be efficiently combined with powerful technologies like software agents to build the flexible coordination infrastructures for today's and tomorrow's electronic business. Science and industry will have to collaborate. Not only to identify the challenges of the prospering information society and to bring them onto our research agendas. Consequently, the book at hand is targeted towards scientists and practitioners likewise.

A timely and authoritative guide, written by the Chief Architect and Founder of Alfresco Alfresco is considered the leading open source solution for Web and Content Management. What makes Alfresco unique is its services, which can be easily extended with web scripts via RESTful services. Written by an author team that includes the chief architect and the founder of Alfresco, this

comprehensive guide provides in-depth coverage of the Alfresco architecture and services and shows how to extend them through Web scripts to meet real business needs. You'll learn how to use Alfresco services to create effective content management solutions while detailed code examples show you how to extend Alfresco with Web scripts using RESTful services to deliver custom solutions. Features detailed, working code examples that demonstrate how to extend Alfresco with Web scripts Written by the Chief Architect and other key Alfresco insiders, ensuring that this book is both authoritative and up-to-date Shows how to integrate Alfresco with Drupal and Joomla portal solutions Covers the upcoming Alfresco 3.2 release Includes real-world case examples of increasing levels of sophistication and complexity The companion Web site contains all source code examples in the book You'll benefit from this timely resource that shows how to get the most from Alfresco for specific business requirements. Provides modern enterprises with the tools to create a robust digital platform utilizing proven best practices, practical models, and time-tested techniques Contemporary business organizations can either embrace the digital revolution or be left behind. Enterprise Content and Search Management for Building Digital Platforms provides modern enterprises with the necessary tools to create a robust digital platform utilizing proven best practices, practical models, and time-tested techniques to compete in today's digital world. Features include: Comprehensive discussions on content strategy, content key performance indicators (KPIs), mobile-first strategy, content assessment models, various practical techniques and methodologies successfully used in real-world digital programs, relevant case studies, and more. Initial chapters cover core concepts of a content management system (CMS), including content strategy, CMS architecture, templates, work flow, reference architectures, information architecture, taxonomy, and content metadata. Advanced CMS topics are then covered with chapters on integration, content standards, digital asset management (DAM), document management, content migration, evaluation, validation, maintenance, analytics, search engine optimization (SEO), security, infrastructure, and performance. The basics of enterprise search technologies are explored next, including enterprise search features, advanced search methods, and other enterprise search concepts. An accompanying book support website provides additional material such as various content templates, checklists, and content case studies; along with an illuminating end-to-end digital program case study. Enterprise Content and Search Management for Building Digital Platforms: Offers a comprehensive guide to understanding and learning new methodologies, techniques, and models for the creation of an end-to-end digital system Addresses a wide variety of proven best practices, reference architecture, and deployed techniques in content management and enterprise search space which can be readily used for digital programs Covers the latest digital trends such as mobile-first strategy, responsive design, adaptive content design, micro services architecture, and semantic search; and also utilizes sample reference architecture for implementing solutions Features numerous case studies to enhance comprehension, including a complete end-to-end digital program case study Provides readily usable content management checklists and reusable templates for defining content strategy, CMS evaluation, search evaluation, and DAM evaluation that can be found on the book support website Comprehensive and cutting-edge, this book is an invaluable reference resource for creating an optimal enterprise digital eco-system to meet the challenges of today's hyper-connected world.

Is the Enterprise Information Portal (EIP) knowledge management's killer app? Leading expert Joseph M. Firestone, the first author to formulate the idea of the Enterprise Knowledge Portal, breaks new ground and looks to the future with a practical, but comprehensive approach to enterprise portals and their relationship to knowledge management. Providing a clear and novel overview, Firestone tackles a wide range of topics ranging from functional EIP applications, estimating costs and benefits of EIPs, variations in EIP technical architecture, the role of intelligent agents, the nature of knowledge management, portal product/solution segmentation, portal product case studies, to the future of the EIP space. 'Enterprise Information Portals and Knowledge Management' is the book on portals you've been waiting for. It is the only book that thoroughly considers, explores, and analyzes:

- * The EIP orientation, outlook and evolution
- * A new methodology for estimating EIP benefits and costs
- * EIP and Enterprise Knowledge Portals (EKP) architecture
- * The approaching role of software agents in EIPs and EKPs
- * The current and future contribution of EIP and EKP solutions to Knowledge Management
- * The role of XML in portal architecture
- * A comprehensive, multi-dimensional, and forward-looking segmentation of EIP products accompanied by portal product case studies
- * Where EIP sector companies are headed and the pathways they will follow to get there
- * Comprehensive approach to enterprise portals and their relationship to knowledge management
- * Groundbreaking author, Firestone was the first to formulate the idea of the Enterprise Knowledge Portal
- * Tackles a wide range of topics from functional EIP applications, estimating costs and benefits of EIPs, variations in EIP technical architecture, the role of intelligent agents, the nature of knowledge management, portal product/solution segmentation, portal product case studies, to the future of the EIP space

Brand new book for the AZ-203 Azure Exam. All original material not found anywhere else. BECOME A MICROSOFT AZURE SUPERHERO! Get your questions answered inside the course. A great value, since this course is updated as Microsoft changes the exam requirements over time. This course will be ready for you when you are ready to take the exam. This book has been continually improved and covers the AZ-203 Azure developer topics. Microsoft Azure is a skill in high demand in today's large business marketplace. If you're a developer, you know as well as I do that change is always happening. It's not possible for all of us to be up-to-date on every piece of new technology out there, but this is not one of those times. Cloud-hosting has changed the way all applications are developed—from websites, to web applications, to mobile apps, and traditional back-end applications as well. The rapid adoption of the cloud has touched everything. The next time your resume is on someone's desk—be it a promotion at work or a new job opportunity—you cannot afford to have such an obvious gap in knowledge. Can you imagine being a front-end web developer today and not being able to talk about mobile-first or responsive design? Industry trends show that developing applications that have cloud-hosted components is becoming the in-demand skill of tomorrow. Having Azure skills on your resume will only help you get in front of more hiring managers, and land more jobs. This book goes through all of the requirements of the Microsoft exam AZ-203: Developing Solutions for Microsoft Azure exam. While other online resources cover bits and pieces of the topic, I can confidently say this course goes deep on everything you need to know for this exam. Multiple videos are devoted to each sub-objective, and this course also includes a full sample test so you can see how ready you are to take the real test. If you

don't have much previous exposure to Azure, this book will cover each core section in detail. If you ARE already an expert at many Azure topics, you can easily skip the sections that you already know and focus on the sections that are new to you. This Azure exam is tough. But this book will guide you.

Process-Driven SOA: Patterns for Aligning Business and IT supplies detailed guidance on how to design and build software architectures that follow the principles of business-IT alignment. It illustrates the design process using proven patterns that address complex business/technical scenarios, where integrated concepts of service-oriented architect

This book constitutes the refereed proceedings of the 9th International Conference on Asian Digital Libraries, ICADL 2006, held in Kyoto, Japan in November 2006. The 46 revised full papers, 14 revised short papers, and 6 poster papers include coverage of information extraction, information retrieval, metadata, architectures for digital libraries and archives, ontologies, information seeking, cultural heritage and e-learning.

Build and deploy an attractive, user-friendly web or mobile application in one day or less using Oracle's new, low-code development tool: Visual Builder Cloud Service. Today's IT world is fast-paced, and the ability to rapidly deliver running code is the most crucial and sought-after skill a developer can have. Oracle has brought together their enterprise experience, advanced usability knowledge, and their best cloud engineering to produce an innovative platform giving developers unprecedented productivity. You will learn how to use all aspects of Oracle Visual Builder Cloud Service to build web or mobile applications. Using the fully browser-based development environment, you'll gain experience with all the modern user-interface components that the tool offers for a visual, user-interface-driven, development approach. You'll also see how to use the integrated data management capabilities and existing REST data services to store your data, and learn how to easily transfer applications to a test/staging environment and later to production, while continuing to develop the next version in the development environment. What You'll Learn Build great-looking web and mobile applications in a browser-based, visual design environment Define custom business logic in the visual logic editor or with JavaScript Manage multiple concurrent application versions from development through staging and production Define business objects with validation logic for application-specific data Communicate with, and draw data from, existing REST web services Use Visual Builder Cloud Service to expand Oracle SaaS solutions Who This Book Is For Developers at all expertise levels as well as business professionals and UX designers with an interest in using IT to quickly solve simple business problems. Because this tool is based on a modern low-code approach, no prior programming experience is necessary to benefit from the book.

This book constitutes the refereed proceedings of the 11th International Conference on Service-Oriented Computing, ICSOC 2012, held in Berlin, Germany, in December 2013. The 29 full papers and 27 short papers presented were carefully reviewed and selected from 205 submissions. The papers are organized in topical sections on service engineering, service operations and management; services in the cloud; and service applications and implementations.

In light of the rising cost of healthcare and the overall challenges associated with delivering quality care to patients across regions, scientists

and pharmacists are exploring new initiatives in drug discovery and design. One such initiative is the adoption of information technology and software applications to improve healthcare and pharmaceutical processes. *Software Innovations in Clinical Drug Development and Safety* is a comprehensive resource analyzing the integration of software engineering for the purpose of drug discovery, clinical trials, genomics, and drug safety testing. Taking a multi-faceted approach to the application of computational methods to pharmaceutical science, this publication is ideal for healthcare professionals, pharmacists, computer scientists, researchers, and students seeking the latest information on the architecture and design of software in clinical settings, the impact of clinical technologies on business models, and the safety and privacy of patients and patient data. This timely resource features a well-rounded discussion on topics pertaining to the integration of computational methods in pharmaceutical science and practice including, the impact of software integration on business models, patient safety concerns, software architecture and design, and data security.

"This book provides comprehensive coverage and definitions of the most important issues, concepts, trends, and technologies within transformation stage e-government implementation"--Provided by publisher.

End-User Computing, Development, and Software Engineering: New Challenges IGI Global

Provides information on integrating SharePoint 2007 with Microsoft Office products, covering such topics as portal services, content management, and business intelligence applications.

This volume presents the proceedings of the International Symposium on Object-Oriented Methodologies and Systems (ISOOMS '94), held in Palermo, Italy in September 1994 in conjunction with the AICA 1994 Italian Computer Conference. The 25 full papers included cover not only technical areas of object-orientation, such as databases, programming languages, and methodological aspects, but also application areas. The book is organized in chapters on object-oriented databases, object-oriented analysis, behavior modeling, object-oriented programming languages, object-oriented information systems, and object-oriented systems development.

The author Kanalakis gives in-depth and detailed guidance on how to build a single, scalable enterprise application with C# and using .NET technologies.

Work practices and organizational processes vary widely and evolve constantly. The technological infrastructure has to follow, allowing or even supporting these changes. Traditional approaches to software engineering reach their limits whenever the full spectrum of user requirements cannot be anticipated or the frequency of changes makes software reengineering cycles too clumsy to address all the needs of a specific field of application. Moreover, the increasing importance of 'infrastructural' aspects, particularly the mutual dependencies between technologies, usages, and domain competencies, calls for a differentiation of roles beyond the classical user–designer dichotomy. End user development (EUD) addresses these issues by offering lightweight, use-time support which allows users to configure, adapt, and evolve their software by themselves. EUD is understood as a set of methods, techniques, and tools that allow users of software systems who are acting as non-professional software developers to 1 create, modify, or extend a software artifact. While programming activities by non-professional actors are an essential focus, EUD also investigates related activities such as collective understanding and sense-making of use problems and solutions, the interaction among end users with regard to the introduction and diffusion of new configurations, or delegation patterns that may also partly involve professional designers.

This edited monograph brings together research papers covering the state of the art in cloud computing for logistics. The book includes general business object models for intralogistics as well as user-friendly methods for logistics business process design. It also presents a

general template for logistics applications from the cloud. The target audience primarily comprises researchers and experts in the field, but the book will also be beneficial for graduate students.

Internet + and Electronic Business in China is a comprehensive resource that provides insights and analysis into how E-commerce has revolutionized and continues to revolutionize business and society in China.

This textbook provides a hands-on introduction to enterprise architecture management. It guides the reader through the applications of methods and tools to typical business problems by presenting enterprise architecture frameworks and by sharing experiences from industry. The structure of the book represents the typical stages of the journey of an enterprise architect. Chapter 1 addresses the central question of what to achieve with the introduction of an enterprise architecture. Chapter 2 then introduces concepts and visualizations for business architecture that help with understanding the business. In chapter 3 the development of an application architecture is outlined, which provides transparency on information systems and their business context. Next, chapter 4 presents visual tools to analyze, improve and eventually optimize the application landscape. Chapter 5 discusses both traditional organizational as well as collaborative approaches to enterprise architecture management. Eventually, several established enterprise architecture frameworks like TOGAF, Zachmann, ArchiMate, and IAF are described in chapter 6. The book concludes with a summary and an outlook on future research potential in chapter 7. Based on their experiences through several years of teaching, the authors introduce students step-by-step to enterprise architecture development and management. Their book is intended as a guide for master classes at universities and includes lots of exercises and references for further reading.

Das Buch führt in verständlicher Weise in die praktische Nutzung der Business Application Programming Interfaces (BAPIs) ein und klärt zunächst die wesentlichen Begriffe, die hinter dieser neuen SAP®-Technologie stehen. Das Buch zeigt eine empfehlenswerte Vorgehensweise für die Einführung und Realisierung der System-Kopplung zwischen R/3® am Beispiel von Lotus Notes. An Hand eines in nahezu jedem Unternehmen relevanten Ablaufs wird exemplarisch die Umsetzung eines Geschäftsprozesses der Kundenauftragsabwicklung gezeigt. Das neue Wissen wird mit Hilfe der beigelegten CD, die auch ScreenCams beinhaltet, plastisch und leicht verständlich vermittelt. Das Buch verfolgt im wesentlichen zwei Ziele: Es zeigt, welchen Nutzen die BAPIs bieten, um externe Systeme an ein R/3® System anzubinden, und wie hoch der Realisierungsaufwand ist. Es versetzt den Leser in die Lage, die Funktionsweise von R/3® und die angebotenen BAPIs und Lotus Notes nicht nur schnell zu verstehen, sondern auch Geschäftsprozesse schnell und zuverlässig in die Praxis umzusetzen.

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