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IGI Global

WEB DESIGN: INTRODUCTORY, 5th Edition explains the connection between a detailed design plan that considers audience expectations, sound design principles and various technical considerations to create successful Web sites. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Web Design and Marketing Solutions for Business Websites IGI

## Global

Activities in data warehousing and mining are constantly emerging. Data mining methods, algorithms, online analytical processes, data mart and practical issues consistently evolve, providing a challenge for professionals in the The Business Value of Agile Software Methods field. Research and Trends in Data Mining Technologies and Applications focuses on the integration between the fields of data warehousing and data mining, with emphasis on the applicability to real-world problems. This book provides an international perspective, highlighting solutions to some of researchers' toughest challenges. Developments in the knowledge discovery process, data

models, structures, and design serve as answers and solutions to these emerging challenges. Web Services, E-Business, and the Semantic Web Springer

The explosive growth of the Internet and the web have created an ever-growing demand for webbased information systems, and ever-growing challenges for Information Systems Engineering. Some of them include the emerging web services technology, database technologies and application integration, as well as data analysis and knowledge discovery. This book is a showcase of recent, significant advances in web-based information systems as well as data integration and analysis. It provides an overview of various technologies used for building innovative information systems

applied to real business solutions.publisher. It includes eight chapters that are divided into five parts, namely: web services, database technologies, data and application integration, data analysis and knowledge discovery, and recommended bibliography. The material presented in these chapters will help the reader have an overall idea of the research that is being carried out in universities and companies to develop today's innovative business solutions. Contents: Preface; Web Services; Web Services Technologies for Outsourcing; Conceptual Modelling with Dynamic Object Roles; Temporal Versioning in Data Warehouse; Missing Inform

## InfoWorld Springer Science & **Business Media**

"This book provides a comprehensive assessment of the latest developments in Web services research, focusing on composing and coordinating Web services, XML security, and service oriented architecture, and presenting new and emerging research in the Web services discipline"--Provided by

Emerging Mobile and Web 2.0 Technologies for Connected E-Government Cengage Learning

PCMag.com is a leading authority on technology, delivering Labs-based, independent reviews of the latest products and services. Our expert industry analysis and practical solutions help you make better buying decisions and get more from technology.

Web Services Research for Emerging Applications: Discoveries and Trends Springer

Enabling Semantic Web ServicesSpringer Science & Business Media

Integrating SOA and Web Services Springer Science & Business Media

After some time of early experience Web Services are moving themselves from a new highly fragmented technology to a piece of nowadays infrastructures which promise to address various current challenges. These include especially classical issues of integration and data in a heterogeneous environment. The Web Service technology provides an open and technologyagnostic interface, and furthermore propels new usage paradigms in distributed computing infrastructures like Grid Services. Successful adoption of Web Service technology relies on the de?nition of interoperable architectural building

blocks which can be integrated in existing software architectures, like J2EE or CORBAher it age.Interoperability will surely proveits elfast hecriticals u ccessfactoroftheWebServiceproliferation. Inorder to accomplish these interoperability various standardization bodies such as the W3C. UN or OASIS founded activities to create speci?cations and products implementing these building blocks. As the sister event of the First International Conference on Web Services (ICWS 2003), which was held in Las Vegas, June 23 - 26, USA, has proven to be an excellent catalyst for research and collaboration, the 2003 International C- ference on Web Services - Europe (ICWS-Europe 2003) is expected to continue this trend. The topics of papers collected in this proceedings volume ranges from issues like modeling, development, deployment, publishing, as well as discovery, composition and collaboration, plus monitoring and analytical control. Addit- nal contributions summarize some research and development challenges of bu- ding Web Service solutions. Especially, some contributions present an emerging research direction, namely, Web Services collaboration. Moreover, some major research activities associated with facilitating extended business collaboration using Web services and semantic annotation are also covered. **Enabling Semantic Web Services IGI** 

# Global

Service-oriented computing is an emerging factor in IT research and development.

Organizations like W3C and the EU have begun research projects to develop industrial-strength applications. This book offers a thorough, practical introduction to one of the most promising approaches – the Web Service Modeling Ontology (WSMO). After a brief review of technologies and standards of the Worldwide Web, the Semantic Web, and Web Services, the book examines WSMO from the fundamentals to applications in e-commerce, e-government and e-banking; it also describes its relation to OWL-S and WSDL-S and other applications. The book offers an up-to-date introduction, plus pointers to future applications.

## **Ubiquitous Information Technologies and Applications** CRC Press

From fundamental concepts and theories to implementation protocols and cutting-edge applications, the Handbook of Mobile Systems Applications and Services supplies a complete examination of the evolution of mobile services technologies. It examines service-oriented architecture (SOA) and explains why SOA and service oriented computing (SOC) will pl

## From P2P to Web Services and Grids IGI Global

InfoWorld is targeted to Senior IT professionals. Content is segmented into Channels and Topic Centers. InfoWorld also celebrates people, companies, and projects.

Sams Teach Yourself Web Services in 24 Hours Enabling Semantic Web Services The 2nd Workshop on Web Services, E-Business, and the Semantic Web (WES) was held during June 16-17, 2003 in conjunction with CAiSE 2003, the 15th International Conference on Advanced Information Systems Engineering. The Internet is changing the way businesses operate. Organizations are using the Web to deliver their goods and services, to find trading partners, and to link their existing (maybe legacy) applications to other applications. Web services are rapidly becoming the enabling technology of today's e-business and e-commerce systems, and will soon transform the Web as it is now into a distributed computation and application fra- work. On the other hand, e-business as an emerging concept is also impacting software - plications, the everyday services landscape, and the way we do things in almost each domain of our life. There is already a body of experience accumulated to demonstrate the difference between just having an online presence and

using the Web as a stra- gic and functional medium in e-business-to-business interaction (B2B) as well as marketplaces. Finally, the emerging Semantic Web paradigm promises to annotate Web artifacts to enable automated reasoning about them. When applied to e-services, the paradigm hopes to provide substantial automation for activities such as discovery, invocation, assembly, and monitoring of e-services. But much work remains to be done before realizing this vision.

Handbook of Research on Mobility and Computing: Evolving Technologies and Ubiquitous Impacts Springer Science & Business Media

Recent advances in electronic and computer technologies have paved the way for the proliferation of ubiquitous computing and innovative applications that incorporate these technologies. This proceedings book describes these new and innovative technologies, and covers topics like Ubiquitous Communication and Networks, Security Systems, Smart Devices and Applications, Cloud and Grid Systems, Service-oriented and Web Service Computing, Embedded Hardware and

Image Processing and Multimedia. Enabling Context-Aware Web Services IGI Global

Over the last decade, a great amount of effort and resources have been invested in the development of Semantic Web Service (SWS) frameworks. Numerous description languages, frameworks, tools, and matchmaking and composition algorithms have been proposed. Nevertheless, when faced with a real-world problem, it is still approaches to use. In this book, the editors present an overall overview and comparison of the main current evaluation initiatives for SWS. The presentation is divided into four parts, each referring to one of the evaluation initiatives. Part I covers the long-established first two tracks of the Semantic Service Selection (S3) Contest – the OWL-S matchmaker evaluation and the SAWSDL matchmaker evaluation. Part II introduces the new S3 Jena Geography Dataset (JGD) cross evaluation contest. Part III presents the Semantic Web Service Challenge. Lastly, Part IV reports on the semantic aspects of the Web Service Challenge. The

introduction to each part provides an overview of the evaluation initiative and overall results for its latest evaluation workshops. The following chapters in each part, written by the participants, detail their approaches, solutions and lessons learned. This book is aimed at two different types of readers. Researchers on SWS technology receive an overview of existing approaches in SWS with a particular focus on evaluation approaches; potential users of very hard to decide which of these different SWS technologies receive a comprehensive summary of the respective strengths and weaknesses of current systems and thus guidance on factors that play a role in evaluation.

> Research and Trends in Data Mining Technologies and Applications IGI Global Success in an increasingly competitive market depends on the quality of knowledge which organisations apply to their major business processes. For example, a supply chain depends on knowledge of diverse areas, including raw materials, planning, manufacturing, and distribution. Likewise, product development requires knowledge of consumer requirements, new science, new

technology, and marketing. Knowledge is broadly defined as credible information that is of potential value to an organisation. Knowledge management (KM) is a function of generation and dissemination of information, developing a shared understanding of information, filtering shared understandings into degrees of potential value, and storing valuable knowledge within the confines of an accessible organisational mechanism. BoogarLists | Directory of Communications **Technologies** Springer Science & Business Media

Getting value from stuff you don't own is a compelling idea. Just think, someone else has created something that has value, and has given it or loaned it to you so you can leverage that value in ways that makes all parties richer. That's the promise of web services. Web services is all about exposing your services to your customers, whether they are external business partners or internal departments. Web services forces you to think of your information assets in a service-oriented view. Don?

Web Services in the Enterprise Springer Science & Business Media Enterprise IT infrastructure is getting

increasingly complex. With the increase in complexity has arisen the need to manage it. and students to learn about the important Management in general can be seen as the process of assuring that a managed entity meets its expectations in a controlled and predictable manner. Examples of managed entities are not only components, entire systems, processes, but also people such as employees, developers, or operators, and entire organizations. Traditional management has addressed some of these issues in varied manner. The emergence of Web services has added a new complexity to the management problem and poses a new set of problems. But it also adds to the mix a set of technologies that will make the task of management simpler. Management of Web services will be critical as businesses come to rely on them as a substantial source of their revenue. The book tries to cover the broad area of web services, the concepts, implications for the enterprise, issues involved in their management and how they are being used for management themselves. The book is intended as a reference for current practice and future directions for web services and their management. The book is directed at:

• Computing professionals, academicians concepts behind the web services paradigm and how it impacts the enterprise in general and how it affects traditional application, network and system management. Planning for Web Services Springer Science & **Business Media** 

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

### Advanced JAX-WS Web Services River **Publishers**

This is an edited volume that develops a common understanding of the various technologies intended to facilitate the automation of mediation, choreography and discovery for Web Services using semantic annotations. The volume explores trade-offs among existing approaches, and reveals strengths and weaknesses of proposed approaches, as well as which aspects of the problem are not yet covered. The book is designed for a professional audience composed of practitioners and researchers in industry. Professionals can use it to evaluate SWS technology for their potential practical use. The book is also suitable for advanced-level students in computer science.

#### Computerworld IGI Global

The buzz about Web Services gets louder every day. Is it just the latest hype, or is the promise of perfect interoperability, lower costs, and increased efficiency finally going to be fulfilled? Should you jump in now, or wait? Following the groundbreaking P2P Networking Overview from O'Reilly Research, Planning for Web Services guides tech executives and managers through the inflated claims, competing standards, and acronym soup to arrive at a realistic appraisal of Web Services' potential for your business. Through plainspoken, impartial analysis, Planning for Web Services maps out the current state and future prospects of this still-evolving technology, and lays out the critical technical and business issues you'll need to consider. After defining the scope of Web Services, the report looks at how they are being implemented today, and where and how they are likely to take hold in the near future. Topics include: How Web Services can replace EDI Using Web Services as middleware to create network-aware applications with RPC Advantages and hurdles to implementing Web Services on

Intranet, Extranet, and public Internet sites Planning for Web Services profiles more than 30 of the key players in this emerging sector, from major tech companies like Sun, IBM, and Microsoft to startups that are driving much of the innovation in this space. The report concludes with a straightforward checklist of the strategic issues and questions every IT decisionmaker should answer before committing to Web Services.

PC Mag John Wiley & Sons

Whether to continue using traditional cost and benefit analysis methods such as systems and software engineering standards or to use a relatively new family of software development processes known as Agile methods is one of most prevalent questions within the information technology field today. Since each reference provides the first comprehensive family of methods has its strengths and weaknesses, the question being raised by a growing number of executives and practitioners is: Which family of methods provides the greater business value and return on investment (ROI)? Whereas traditional methods have been in use for many decades, Agile methods are still a new phenomenon and, until now, very little literature has existed on how to quantify the business value of Agile

methods in economic terms, such as ROI and net present value (NPV). Using cost of quality, total cost of ownership, and total life cycle cost traditional methods, proves to be very parameters, The Business Value of Agile Software Methods offers a comprehensive methodology and introduces the industry's initial top-down parametric models for quantifying the costs and benefits of using Agile methods to create innovative software products. Based on real-world data, it illustrates manager, scholar, student, consultant or the first simple-to-use parametric models of Real Options for estimating the business value read this book! of Agile methods since the inception of the Nobel prize winning Black-Scholes formulas. Numerous examples on how to estimate the costs, benefits, ROI, NPV, and real options of the major types of Agile methods such as Scrum, Extreme Programming and Crystal Methods are also included. In addition, this compilation of cost and benefit data on Agile methods from an analysis of hundreds of research studies. The Business Value of Agile Software Methods shatters key myths and misconceptions surrounding the modern-day phenomenon of Agile methods for creating innovative software products. It provides a complete business value comparison between traditional and Agile methods. The keys to maximizing the business value of any method

are low costs and high benefits and the business value of Agile methods, when compared to impressive. Agile methods are a new model of project management that can be used to improve the success, business value, and ROI of high-risk and highly complex IT projects in today's dynamic, turbulent, and highly uncertain marketplace. If you are an executive, practitioner currently on the fence, you need to