Le Web Services Architecture And Implementation

This is the second of a two-volume set that constitutes the refereed proceedings of the Symposium on Human Interface 2007, held in Beijing, China in July 2007. It covers communication and collaboration, knowledge, learning and education, mobile interaction, interacting with the world wide web and electronic services, business management and industrial applications, as well as environment, transportation and safety.

In this book, Dieter Fensel and his qualified team lay the foundation for understanding the Semantic Web Services infrastructure, aimed at eliminating human intervention and thus allowing for seamless integration of information systems. They focus on the currently most advanced SWS infrastructure, namely SESA and related work such as the Web Services Execution Environment (WSMX) activities and the Semantic Execution Environment (OASIS SEE TC) standardization effort.

Facilitates communication and networking among Web services and e-business researchers and engineers in a period where considerable changes are taking place in Web services technologies innovation.

Cybersecurity and Human Rights in the Age of Cyberveillance is a collection of articles by distinguished authors from the US and Europe and presents contemporary perspectives on the limits of human rights in the international internet community.

"This book presents a closer look at the partnership between service oriented architecture and cloud computing environments while analyzing potential solutions to challenges related to the migration of legacy applications"--Provided by publisher.

Written by industry thought leaders, Java Web Services Architecture is a no-nonsense guide to web services technologies including SOAP, WSDL, UDDI and the JAX APIs. This book is useful for systems architects and provides many of the practical considerations for implementing web services including authorization, encryption, transactions and the future of Web Services. Covers all the standards, the JAX APIs, transactions, security, and more.

* Provides a complete understanding of the general concepts of intranet development and the many features intranets comprise * Includes thorough explanations of the various components of the IBuySpy Portal to aide in understanding and upgrading * Contains tested examples of intranet features that can be used as starting point and applied to real life situations for intranet development

Web services and Service-Oriented Computing (SOC) have become thriving areas of academic research, joint university/industry research projects, and novel IT products on the market. SOC is the computing paradigm that uses Web services as building blocks for the engineering of composite, distributed applications out of the reusable application logic encapsulated by Web services. Web services could be considered the best-known and most standardized technology in use today for distributed computing over the Internet. Web Services Foundations is the first installment of a two-book collection covering the state-of-the-art of both theoretical and practical aspects of Web services and SOC research. This book specifically focuses on the foundations of Web services and SOC and covers - among others - Web service composition, non-functional aspects of Web services, Web service selection and recommendation, and assisted Web service composition. The editors collect advanced topics in the second book of the collection, Advanced Web Services, (Springer, 2013). Both books together comprise approximately 1400 pages and are the result of an enormous community effort that involved more than 100 authors, comprising the world's leading experts in this field.

Le concept de " Web services " regroupe un ensemble de technologies basées sur XML, permettant de créer des composants logiciels distribués, de décrire leurs interfaces et de les utiliser en mettant en œuvre des standards simples tels que SOAP, WSDL, UDDI. La mise en œuvre des Web services ouvre de nouvelles perspectives dans la construction d'architectures de systèmes distribués. En effet, elle masque la complexité des technologies telles que Corba, DCOM et Java/RMI. On passe d'une architecture à base de composants à une architecture de systèmes d'information orientée services. Cela facilite l'intégration d'applications dans l'entreprise et les échanges B2B (Business to Business) ou B2C (Business to Customer) via le web. Cet ouvrage apporte les connaissances pratiques et les compétences nécessaires à la conception, à la programmation et au déploiement des Web services distribués sur des infrastructures J2EE et NET. Une méthodologie de développement appropriée s'appuyant sur UML (Unified Modeling Language) et MDA (Model-Driven Architecture), toutes deux normalisées par l'OMG, permet la mise en place d'une architecture de systèmes orientés services. On exploite ainsi pleinement la connectivité web et la réutilisation de modèles métier s'appuyant sur XML et Java. Une étude de cas est entièrement développée au chapitre 15, et des annexes sont fournies sur le web.

L'entreprise se construit sur sa capacité d'innovation et avec des systèmes opérationnels capables de délivrer la valeur ajoutée attendue. Les modèles de systèmes d'information doivent s'adapter rapidement aux technologies émergentes et aux besoins des clients et des utilisateurs. Cet ouvrage dresse un panorama des approches classiques et des méthodes empiriques pour les SI et propose une vision élargie qui correspond aux besoins des métiers. Il présente les différents aspects permettant de faire face aux évolutions et aux ruptures technologiques à l'aide d'une organisation optimale qui va de la gouvernance à la gestion informatique. Il expose les procédés pour introduire les nouvelles technologies de veille et d'intelligence économique tout en décrivant les macroétapes (analyse, conception, production et mise en exploitation) et l'incorporation des pratiques métiers en matière de cycle de vie. L'auteur Alphonse Carlier est ingénieur industriel et consultant en gestion et développement de projets innovants. Il intervient comme formateur sur les technologies objets, MERISE, UML2, ITILV3, ISO 20000, ISO 9001, l'administration des bases de données Oracle, PostgreSQL, MySQL, les outils collaboratifs, les CMS et les méthodes de gestion.

This book constitutes the refereed proceedings of the First European Conference on Technology Enhanced Learning, EC-TEL 2006. The book presents 32 revised full papers, 13 revised short papers and 31 poster papers together with 2 keynote talks. Topics addressed include collaborative learning, personalized learning, multimedia content, semantic web, metadata and learning, workplace learning, learning repositories and infrastructures for learning, as well as experience reports, assessment, and case studies, and more.

This book constitutes the proceedings of the 8th International Inmeference on Intelligence Science and Big DataEngineering, IScIDE 2018, held in Lanzhou, China, in August 2018.The 59 full papers presented in this book were carefully reviewed and selected from 121 submissions.They are grouped in topical sections on robots and intelligent systems; statistics and learning; deep learning; objects and language; classification and clustering; imaging; and biomedical signal processing.?

This proceedings volume contains a selection of papers presented at the symposium "International Conference on High Performance Scientific Computing" held at the Hanoi Institute of Mathematics of the Vietnam National Center for Natural Science and Technology (NCST), March 10-14, 2003. The conference has been organized by the Hanoi Institute of Mathematics, SFB 359 "Reactive Flows, Transport and Diffusion", Heidelberg, Ho Chi Minh City University of Technology and Interdisciplinary Center for Scientific Computing (IWR), Heidelberg. The contributions cover the broad interdisciplinary spectrum of scientific computing and present recent advances in theory, development of

methods, and applications in practice. Subjects covered are mathematical modelling, numerical simulation, methods for optimization and optimal control, parallel computing, symbolic computing, software development, applications of scientific computing in physics, chemistry, biology and mechanics, environmental and hydrology problems, transport, logistics and site location, communication networks, production scheduling, industrial and commercial problems.

Contains everything that a project team needs to know about the development and deployment of Web services with the IBM WebSphere product family. Includes examples for all development artifacts in a format that can be reused in the reader's project. The text combines the authors' own practical experiences with consolidated information on the latest product capabilities in a unique approach that allows the book to be easily accessible to a broad spectrum of readers. Finding a balance between a euphoric/optimistic and down-to earth/realistic view on the subject, this book should sit on every Web service developer's bookshelf.

WelcometotheproceedingsoftheEuropeanConferenceonWebServices(ECOWS 2004).ECOWSisoneoftheleadinginternationalconferencesfocusingonWebservices. ECOWS2004wasaforumforresearchersandpractitionersfromacademiaandindustry to exchange information regarding advances in the state of the art and practice of Web services, identify emerging research topics, and de?ne the future directions of Web services computing. ECOWS 2004 had a special interest in papers that contribute to the convergence of Web services, Grid computing, e-business and autonomic computing, and papers that apply techniques from one area to another. This conference was called the International Conference on Web Services Europe in 2003. ECOWS 2004 was a sister event of the International Conference onWeb Services 2004 (ICWS 2004), which attracted more than 250 registered participants in San Diego, USA. Web services are characterized by network-based application components and a service-oriented architecture using standard interface description languages and u- form communicationprotocols. Industrial applicationdomainsforWebservicesinclude business-to-business integration, business process integration and management, c- tent management, e-sourcing, composite Web services creation, design collaboration for computer engineering, multimedia communication, digital TV, and interactive Web solutions. Recently, Grid computing has also started to leverage Web services to de?ne standard interfaces for business Grid services and generic reusable Grid resources. The program of ECOWS 2004 featured a variety of papers on topics ranging from Web services and dynamic business process composition to Web services and process management,Web services discovery,Web services security,Web services-based app- cations for e-commerce, Web services-based Grid computing, and Web services solu- ons.

Welcome to the proceedings of the 2008 International Conference on Grid and Pervasive Computing (GPC 2008) which was held in Kunming, Yunnan, China, May 25–28, 2008. Gridcomputing presentsa newtrendindistributed computing forcoordin- ing large-scale heterogeneous resource sharing and problem solving in dynamic, multi-institutional virtual organizations. Grid computing not only can be used for distributed supercomputing massive data processing, but can also be a c- mon platform and way for utility and service computing. It covers mainframes orsupercomputersaswellasmorepowerful personal computers and even small and smart devices, ranging from personal digital assistants to unseen chips in our cars, appliances and telephones. Projecting this trend into the future, we envision an explosion of interconnected high-performance computers and smart devices that can make our research and daily lives easier and more productive. Grid and Pervasive Computing (GPC) is an annual international conference on the emerging areas of merging grid computing and pervasive computing. GPC provides a high-pro?le, leading-edge forum for researchers and engineers alike to present their latest research in the ?eld of grid computing and pervasive computing.

Maintaining compatibility among all affected network and application interfaces of modern enterprise systems can quickly become costly and overwhelming. This handbook presents the knowledge and practical experience of a global group of experts from varying disciplines to help you plan and implement enterprise integration projects that respond to bu

Un défi majeur pour l'homme est de se munir de représentations de l'espace dans lequel il vit qui dépassent la représentation que lui-même peut s'en construire afin d'agir en étant mieux informé. Ces représentations doivent être partageables afin que les décisions bénéficient d'une variété de points de vue. Alors que les cartes deviennent numériques et que leur analyse peut être partagée entre l'homme et l'ordinateur, demeurent des défis concernant la représentation des données numériques sur l'espace, l'acquisition et le traitement de ces données. Cet ouvrage présente des développements logiciels majeurs produits récemment en géomatique, discipline à la croisée de la géographie et de l'informatique et qui se concentre sur l'acquisition et le traitement des données sur l'espace. Il analyse les spécificités de ces logiciels en termes de motivations, de modélisation de l'information et de méthodes d'analyse. Les verrous associés à leur mutualisation sont également analysés et conduisent à des propositions pour une meilleure mutualisation des efforts de recherche et de développement en géomatique.

In the current technological world, Web services play an integral role in service computing and social networking services. This is also the case in the traditional FREG (foods, resources, energy, and goods) services because almost all traditional services are replaced fully or partially by Web services. Handbook of Research on Demand-Driven Web Services: Theory, Technologies, and Applications presents comprehensive and in-depth studies that reveal the cutting-edge theories, technologies, methodologies, and applications of demand-driven Web, mobile, and e-business services. This book provides critical perspectives for researchers and practitioners, lecturers and undergraduate/graduate students, and professionals in the fields of computing, business, service, management, and government, as well as a variety of readers from all the social strata.

Depuis une décennie, Microsoft ne cesse d'améliorer sa plate-forme collaborative SharePoint® Server. Cet ouvrage permet de découvrir et de mieux appréhender les nouvelles technologies SharePoint® Server 2013, SharePoint® Foundation 2013 et Microsoft® Office® 2013. Cet outil de partage de l'information sans équivalent est couplé à des applications de gestion électronique de documents, d'informatique décisionnelle (BI), de moteurs de recherche (FAST), de réseaux sociaux ainsi qu'à My Site (RSE). Microsoft® SharePoint® Server 2013 s'adresse aux responsables informatiques, aux DRH, aux DSI, aux chefs de produits ou à tout décideur souhaitant utiliser une solution de portail pour faciliter le travail collaboratif dans l'entreprise. Cet ouvrage présente, de manière didactique, comment piloter Microsoft® SharePoint® Server 2013 en analysant les points suivants : l'architecture et les fonctions avancées, la migration, l'installation, la configuration et les services, la gouvernance et la gestion applicative, l'intégration de réseaux sociaux, My Site, la conservation, SharePoint Designer, PowerShell et des outils tiers.

Following the humbling of the 'dot.coms' it is well implemented corporate portals that are ushering in a new and prosperous era of e-business. Corporate Portals Empowered with XML and Web Services provides decision makers with a clear and concise explanation of what portals are all about, why you really need a portal strategy, how you go about implementing one, and the issues you have to encounter and surmount. Guruge shows how you can successfully use XML and web services to empower your portals for collaboration, knowledge management, CRM, ERP and supply chain management. · Extensive examples of corporate portals illustrate the viability of the technology · Architectural and network diagrams show detailed portal implementations · Comprehensive references to guides, solutions, products and terminology leverage living outside resources

"Every developer working with the Web needs to read this book." -- David Heinemeier Hansson, creator of the Rails framework "RESTful Web Services finally provides a practical roadmap for constructing services that embrace the Web, instead of trying to route around it." -- Adam Trachtenberg, PHP author and EBay Web Services Evangelist You've built web sites that can be used by humans. But can you also build web sites that are usable by machines? That's where the future lies, and that's what RESTful Web Services shows you how to do. The World Wide Web is the most popular distributed application in history, and Web services and mashups have turned it into a powerful

distributed computing platform. But today's web service technologies have lost sight of the simplicity that made the Web successful. They don't work like the Web, and they're missing out on its advantages. This book puts the "Web" back into web services. It shows how you can connect to the programmable web with the technologies you already use every day. The key is REST, the architectural style that drives the Web. This book: Emphasizes the power of basic Web technologies -- the HTTP application protocol, the URI naming standard, and the XML markup language Introduces the Resource-Oriented Architecture (ROA), a common-sense set of rules for designing RESTful web services Shows how a RESTful design is simpler, more versatile, and more scalable than a design based on Remote Procedure Calls (RPC) Includes real-world examples of RESTful web services, like Amazon's Simple Storage Service and the Atom Publishing Protocol Discusses web service clients for popular programming languages Shows how to implement RESTful services in three popular frameworks -- Ruby on Rails, Restlet (for Java), and Django (for Python) Focuses on practical issues: how to design and implement RESTful web services and clients This is the first book that applies the REST design philosophy to real web services. It sets down the best practices you need to make your design a success, and the techniques you need to turn your design into working code. You can harness the power of the Web for programmable applications: you just have to work with the Web instead of against it. This book shows you how.

Architecting Web Services is targeted toward developers and technical architects who have heard about, and even started to work with, Web services. The book starts with a background on the evolution of Web services and their significance to future collaborative efforts via the Internet. It then reveals the architecture for Web services and the various relationships that can be established through their consumption. Following a short technical primer on XML and related technologies, the Web services model is outlined to illustrate the decisions that have to be made in the areas of presentation, interface, and security before the design is even started. Topics ranging from content to state management to system infrastructures are discussed to help you understand the options and the pitfalls when developing robust Web services. The life cycle of implementing Web services from start to finish is illustrated, taking existing processes and exposing their functionality through Web services. Examples extend both Java and COM objects as Web services before exposing an entire hotel reservation system through a Web services workflow. These exercises are followed by three application scenarios that consume these Web services, again with both Java and Visual Basic/ASP examples. Discussions cover the design, implementation, and testing of each solution to ensure a successful result. Finally, the book takes a look ahead at the future of Web services by examining both the current strategies of the primary vendors and the standards initiatives that are presently under way. A companion website provides all the source code, and hosts the Web services and sample applications introduced in the book.

This book constitutes the refereed proceedings of the 13th IFIP WG 5.11 International Symposium on Environmental Software Systems, ISESS 2020, held in Wageningen, The Netherlands, in February 2020. The 22 full papers and 3 short papers were carefully reviewed and selected from 29 submissions. The papers cover a wide range of topics on environmental informatics, including data mining, artificial intelligence, high performance and cloud computing, visualization and smart sensing for environmental, earth, agricultural and food applications.

Web Services Research for Emerging Applications: Discoveries and TrendsDiscoveries and TrendsIGI Global

This book constitutes the thoroughly refereed post-proceedings of the 8th International Workshop on Web Services and Formal Methods, WS-FM 2011, held in Clermont-Ferrand, France, in September 2011. The workshop was co-located with the 9th International Conference on Business Process Management, BPM 2011. The 9 full papers presented were carefully reviewed and selected from 14 submissions. They deal with service oriented computing (SOC), cloud computing and formal methods.

This two-volume book constitutes the refereed proceedings of the 3rd International Conference on Multimedia Technology and Enhanced Learning, ICMTEL 2021, held in April 2021. Due to the COVID-19 pandemic the conference was held virtually. The 97 revised full papers have been selected from 208 submissions. They describe new learning technologies which range from smart school, smart class and smart learning at home and which have been developed from new technologies such as machine learning, multimedia and Internet of Things.

Communication services are evolving at an unprecedented rate. Nolonger limited to interpersonal vocal communication, they nowintegrate functions such as address books, content sharing andmessaging. The emergence of social networks – which may alsoinclude these features – is an important element of thistransformation. Content services are becoming flagship servicesthemselves, and are sometimes paired up with conversation services.The boundaries between different services are becoming less andless distinct. This book meets the need for a better understandingof communication services, and for a general framework of theirdescription. A detailed overview on service architecture in theTelco, Web and IT worlds is presented, offering a roadmap withexplanations on how to improve the architecture and governance ofcommunication service architectures by exploiting the syntax andsemantics that are common to different services is clearlyoutlined. This book also responds to recurring questions aboutservice design, such as the functional scope of enablers or SOA(Service Oriented Architecture) services, the relevance of servicecomposition to the user and collaboration between differentservices in a converged environment. Many concrete examples fromtelecoms service providers' operations illustrate theseconcepts. Contents 1. Describing Service Architectures. 2. Convergence of Service. 3. Building an Architectural Framework for Telecom Services. 4. Modeling and Case Study. 5. Organizational and Software Applications. About the Authors Emmanuel Bertin is senior service architect at Orange Labs inFrance. He is the author of more than 40 research papers, and holdsmore than 10 patents in the area of communication services. Noël Crespi worked at Bouygues Telecom, France TelecomR&D, and then at Nortel Networks where he led the TelephonyProgramme. He is currently Professor and Head of the ServiceArchitecture Laboratory at Institut Mines-Telecom, Telecom SudParisin France and is the author/co-author of more than 160 researchpapers and 140 contributions in standardization.

Advances in Web-based GIS, Mapping Services and Applications is published as part of ISPRS WG IV/5 effort, and aims at presenting (1) Recent technological advancements, e.g., new developments under Web 2.0, map mashups, neogeography and the like; (2) Balanced theoretical discussions and technical implementations; (3) Commentary on the current stages of development; and (4) Prediction of developments over the next decade. Containing 21 contributions from 60 researchers active within ISPRS communities, most of them from academia and some from governments, the book covers a wide range of topics related to the state-of-the-art in web mapping/GIS and geographic information services. The volume is organized in five sections: 1. Analytical and Geospatial Services; 2. Performance; 3. Augmentation and LBS; 4. Collaboration and Decision Making, and 5. Open Standards for Geospatial Services. Supported by a considerable number of technical details and examples, an overall view of the current achievements and progress made in the field of web-based GIS and mapping services is given. The chapters reflect timely and future developments addressing: constant updating of related web and geospatial technologies as well as the revolution of web mapping caused by mainstream IT vendors such as Google, Yahoo and Microsoft; increased interest from industry on geo-spatial information technologies; and increasing demand from the general public for prompt and effective spatial information services. Advances in Web-based GIS, Mapping Services and Applications will appeal to academia and researchers, application specialists and developers, practitioners, and undergraduate and graduate students interested in distributed and web-based

geoinformation systems and applications, geodatabases, and digital mapping.

The web services architecture provides a new way to think about and implement application-to-application integration and interoperability that makes the development platform irrelevant. Two applications, regardless of operating system, programming language, or any other technical implementation detail, communicate using XML messages over open Internet protocols such as HTTP or SMTP. The Simple Open Access Protocol (SOAP) is a specification that details how to encode that information and has become the messaging protocol of choice for Web services. Programming Web Services with SOAP is a detailed guide to using SOAP and other leading web services standards--WSDL (Web Service Description Language), and UDDI (Universal Description, Discovery, and Integration protocol). You'll learn the concepts of the web services architecture and get practical advice on building and deploying web services in the enterprise. This authoritative book decodes the standards, explaining the concepts and implementation in a clear, concise style. You'll also learn about the major toolkits for building and deploying web services. Examples in Java, Perl, C#, and Visual Basic illustrate the principles. Significant applications developed using Java and Perl on the Apache Tomcat web platform address real issues such as security, debugging, and interoperability. Covered topic areas include: The Web Services Architecture SOAP envelopes, headers, and encodings WSDL and UDDI Writing web services with Apache SOAP and Java Writing web services with Perl's SOAP::Lite Peer-to-peer (P2P) web services Enterprise issues such as authentication, security, and identity Up-and-coming standards projects for web services Programming Web Services with SOAP provides you with all the information on the standards, protocols, and toolkits you'll need to integrate information services with SOAP. You'll find a solid core of information that will help you develop individual Web services or discover new ways to integrate core business processes across an enterprise.

This book contains the Proceedings of the 21st IFIP TC-11 International Information Security Conference (IFIP/SEC 2006) on "Security and Privacy in Dynamic Environments". The papers presented here place a special emphasis on Privacy and Privacy Enhancing Technologies. Further topics addressed include security in mobile and ad hoc networks, access control for dynamic environments, new forms of attacks, security awareness, intrusion detection, and network forensics.

"This book communicates the various challenges and great opportunities that information systems research produces"--Provided by publisher.

"This research book is a repository for academicians, researchers, and industry practitioners to share and exchange their research ideas, theories, and practical experiences, discuss challenges and opportunities, and present tools and techniques in all aspects of e-business development and management in the digital economy"--Provided by publisher.

"This book addresses various aspects of building secure E-Government architectures and services; it presents views of experts from academia, policy and the industry to conclude that secure E-Government web services can be deployed in an application-centric, interoperable way. It addresses the narrow yet promising area of web services and sheds new light on this innovative area of applications"--Provided by publisher.

Discussions surrounding inclusivity have grown exponentially in recent years. In today's world where diversity, equity, and inclusion are the hot topics in all aspects of society, it is more important than ever to define what it means to be an inclusive society, as well as challenges and potential growth. Those with physical and intellectual disabilities, including vision and hearing impairment, Down syndrome, locomotor disability, and more continue to face challenges of accessibility in their daily lives, especially when facing an increasingly digitalized society. It is crucial that research is brought up to date on the latest assistive technologies, educational practices, work assistance, and online support that can be provided to those classified with a disability. The Research Anthology on Physical and Intellectual Disabilities in an Inclusive Society provides a comprehensive guide of a range of topics relating to myriad aspects, difficulties, and opportunities of becoming a more inclusive society toward those with physical or intellectual disabilities. Covering everything from disabilities in education, sports, marriages, and more, it is essential for psychologists, psychiatrists, pediatricians, psychiatric nurses, clinicians, special education teachers, social workers, hospital administrators, mental health specialists, managers, academicians, rehabilitation centers, researchers, and students who wish to learn more about what it means to be an inclusive society and best practices in order to get there.

"This multi-volume reference examines critical issues and emerging trends in global business, with topics ranging from managing new information technology in global business operations to ethics and communication strategies"--Provided by publisher.

In SOA and Web Services Interface Design, data architecture guru James Bean teaches you how to design web service interfaces that are capable of being extended to accommodate ever changing business needs and promote incorporation simplicity. The book first provides an overview of critical SOA principles, thereby offering a basic conceptual summary. It then provides explicit, tactical, and real-world techniques for ensuring compliance with these principles. Using a focused, tutorial-based approach the book provides working syntactical examples - described by Web services standards such as XML, XML Schemas, WSDL and SOAP - that can be used to directly implement interface design procedures, thus allowing you immediately generate value from your efforts. In summary, SOA and Web Services Interface Design provides the basic theory, but also design techniques and very specific implementable encoded interface examples that can be immediately employed in your work, making it an invaluable practical guide to any practitioner in today's exploding Web-based service market. Provides chapters on topics of introductory WSDL syntax and XML Schema syntax, taking take the reader through fundamental concepts and into deeper techniques and allowing them to quickly climb the learning curve. Provides working syntactical examples - described by Web services standards such as XML, XML Schemas, WSDL and SOAP - that can be used to directly implement interface design procedures. Real-world examples generated using the Altova XML Spy tooling reinforce applicability, allowing you to immediately generate value from their efforts. A companion website with all artwork and code examples accompanies the book (http://www.elsevierdirect.com/v2/companion.jsp?ISBN=9780123748911)

This book constitutes the thoroughly refereed post-proceedings of the Third Conference on Professional Knowledge Management - Experiences and Visions, WM 2005, held in Kaiserslautern, Germany in April 2005. The 82 revised papers presented were carefully reviewed and selected from the best contributions to the 15 workshops of the conference. Coverage includes intelligent office appliances, learning software organizations, learner-oriented knowledge management and KM-oriented e-learning.

This two-volume-set (CCIS 293 and CCIS 294) constitutes the refereed proceedings of the International Conference on Networked Digital Technologies, NDT 2012, held in Dubai, UAE, in April 2012. The 96 papers presented in the two volumes were carefully reviewed and selected from 228 submissions. The papers are organized in topical sections on collaborative systems for e-sciences; context-aware processing and ubiquitous systems; data and network mining; grid and cloud computing; information and

data management; intelligent agent-based systems; internet modeling and design; mobile, ad hoc and sensor network management; peer-to-peer social networks; quality of service for networked systems; semantic Web and ontologies; security and access control; signal processing and computer vision for networked systems; social networks; Web services.

This book constitutes the refereed proceedings of the Second International Conference on Information Computing and Applications, ICICA 2010, held in Qinhuangdao, China, in October 2011. The 97 papers presented were carefully reviewed and selected from numerous submissions. They are organized in topical sections on computational economics and finance, computational statistics, mobile computing and applications, social networking and computing, intelligent computing and applications, internet and Web computing, paralelle and distributed computing, and system simulation and computing.

"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 publisher.