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KEY=MAKING - HARVEY JANIAH

KNOWLEDGE ANNOTATION: MAKING IMPLICIT KNOWLEDGE EXPLICIT

Springer Science & Business Media Did you ever read something on a book, felt the need to comment, took up a pencil and scribbled something on the books' text'? If you did, you just annotated a book. But that process has now become something fundamental and revolutionary in these days of computing. Annotation is all about adding further information to text, pictures, movies and even to physical objects. In practice, anything which can be identified either virtually or physically can be annotated. In this book, we will delve into what makes annotations, and analyse their significance for the future evolutions of the web. We will explain why it was thought to be unreasonable to annotate documents manually and how Web 2.0 is making us rethink our beliefs. We will have a look at tools which make use of Artificial Intelligence techniques to support people in the annotation task. Behind these tools, there exists an important property of the web known as redundancy; we will explain what it is and show how it can be exploited. Finally we will gaze into the crystal ball and see what we might expect to see in the future. Until people understand what the web is all about and its grounding in annotation, people cannot start appreciating it. And until they do so, they cannot start creating the web of the future.

MATHEMATICAL KNOWLEDGE MANAGEMENT

THIRD INTERNATIONAL CONFERENCE, MKM 2004, BIALOWIEZA, POLAND, SEPTEMBER 19-21, 2004, PROCEEDINGS

Springer TheInternationalConferenceonMathematicalKnowledgeManagementhasnow reached its third edition, creating and establishing an original and stimulating scienti?ccommunitytransversaltomanydi?erent?eldsandresearchtopics. The broad goal of MKM is the exploration of innovative, semantically enriched, d- ital encodings of mathematical information, and the study of new services and tools exploiting the machine-understandable nature of the information. MKM is naturally located in the border area between digital libraries and the mec- nization of mathematics, devoting a particular interest to the new developments in information technology, and fostering their application to the realm of ma- ematical information. The conference is meant to be a forum for presenting, discussing and comparing new tools and systems, standardization e?orts, cri- calsurveys,largeexperiments,andcasestudies. Atpresent,wearestillgettingto knoweachother,tounderstandtheworkdonebyotherpeople,andthepotenti- ities o?ered by their work to our own research activity. However, the conference is rapidly acquiring scienti?c strength and academic interest, attracting more and more people and research groups, and o?ering a challenging alternative to older, more conservative conferences. July 2004 Andrea Asperti Grzegorz Bancerek Andrzej Trybulec Organization MKM 2004 was organized by the Institute of Computer Science, University of Bia lystokinco-operationwiththeFacultyofComputerScience,Bia lystokTe- nical University and the Association of Mizar Users. Program Committee Andrzej Trybulec (Chair) University of Bia lystok, Poland Andrew A. Adams University of Reading, UK Andrea Asperti University of Bologna, Italy Bruno Buchberger RISC Linz, Austria Roy McCasland University of Edinburgh, UK James Davenport University of Bath, UK William M.

HUMAN INTERFACE AND THE MANAGEMENT OF INFORMATION

INFORMATION AND INTERACTION FOR LEARNING, CULTURE, COLLABORATION AND BUSINESS, 15TH INTERNATIONAL CONFERENCE, HCI INTERNATIONAL 2013, LAS VEGAS, NV, USA, JULY 21-26, 2013, PROCEEDINGS, PART III

Springer The three-volume set LNCS 8016, 8017, and 8018 constitutes the refereed proceedings of the 15th International Conference on Human-Computer Interaction, HCII 2013, held in Las Vegas, NV, USA in July 2013. The total of 1666 papers and 303 posters presented at the HCII 2013 conferences was carefully reviewed and selected from 5210 submissions. These papers address the latest research and development efforts and highlight the human aspects of design and use of computing systems. The papers accepted for presentation thoroughly cover the entire field of human-computer Interaction, addressing major advances in knowledge and effective use of computers in a variety of application areas. This volume contains papers in the thematic area of human interface and the management of Information, addressing the following major topics: learning, education and skills transfer, art and cultural heritage, collaborative work, business integration and decision support.

ADVANCES IN SWARM INTELLIGENCE

THIRD INTERNATIONAL CONFERENCE, ICSI 2012, SHENZHEN, CHINA, JUNE 17-20, 2012, PROCEEDINGS, PART II

Springer This book and its companion volume, LNCS vols. 7331 and 7332, constitute the Proceedings of the Third International conference on Swarm Intelligence, ICSI 2012, held in Shenzhen, China in June 2012. The 145 full papers presented were carefully reviewed and selected from 247 submissions. The papers are organized in 27 cohesive sections covering all major topics of swarm intelligence research and developments.

NATURAL LANGUAGE PROCESSING AND INFORMATION SYSTEMS

22ND INTERNATIONAL CONFERENCE ON APPLICATIONS OF NATURAL LANGUAGE TO INFORMATION SYSTEMS, NLDB 2017, LIÈGE, BELGIUM, JUNE 21-23, 2017, PROCEEDINGS

Springer This book constitutes the refereed proceedings of the 22nd International Conference on Applications of Natural Language to Information Systems, NLDB 2017, held in Liège, Belgium, in June 2017. The 22 full papers, 19 short papers, and 16 poster papers presented were carefully reviewed and selected from 125 submissions. The papers are organized in the following topical sections: feature engineering; information extraction; information extraction from resource-scarce languages; natural language processing applications; neural language models and applications; opinion mining and sentiment analysis; question answering systems and applications; semantics-based models and applications; and text summarization.

THE THEORY AND PRACTICE OF TEXT-EDITING

ESSAYS IN HONOUR OF JAMES T. BOULTON

Cambridge University Press This volume of essays addresses the practical implications of theoretical issues in a variety of texts from Shakespeare to Oscar Wilde.

PRACTICAL ASPECTS OF KNOWLEDGE MANAGEMENT

5TH INTERNATIONAL CONFERENCE, PAKM 2004, VIENNA, AUSTRIA, DECEMBER 2-3, 2004, PROCEEDINGS

Springer This book contains the papers presented at the 5th International Conference on Pr- tical Aspects of Knowledge Management organized by the Department of Knowledge Management, Institute of Computer Science and Business Informatics, University of Vienna. The event took place on December 02–03, 2004 in Vienna. The PAKM conference series offers a communication forum and meeting ground for practitioners and researchers engaged in developing and deploying advanced bu- ness solutions for the management of knowledge and intellectual capital. Contributions pursuing integrated approaches which consider organizational, technological and c- tural issues of knowledge management have been elected for presentation. PAKM is a forum for people to share their views, to exchange ideas, to develop new insights, and to envision completely new kinds of solutions for knowledge management problems. The accepted papers are of high quality and are not too specialized so that the main issues can be understood by someone outside the respective ?eld. This is crucial for an interdisciplinary exchange of ideas. Like its predecessors, PAKM 2004 featured two invited talks. It is a real joy seeing the visibility of the conferenceincrease and noting that kno- edge management researchers and practitioners from all over the world submitted - pers. This year, 163 papers and case studies were submitted, from which 48 were - cepted.

WEB ENGINEERING

13TH INTERNATIONAL CONFERENCE, ICWE 2013, AALBORG, DENMARK, JULY 8-12, 2013, PROCEEDINGS

Springer This book constitutes the refereed proceedings of the 13th International Conference on Web Engineering, ICWE 2013, held in Aalborg, Denmark, in July 2013. The 21 full research papers, 4 industry papers, and 11 short papers presented were carefully reviewed and selected from 92 submissions. The scientific program was completed with 7 workshops, 6 demonstrations and posters. The papers cover a wide spectrum of topics, such as, among others: web mining and knowledge extraction, semantic and linked data management, crawling and web research, model-driven web engineering, component-based web engineering, Rich Internet Applications (RIAs) and client-side programming, web services, and end-user development.

ORGANIZATIONAL LEARNING AND KNOWLEDGE: CONCEPTS, METHODOLOGIES, TOOLS AND APPLICATIONS

CONCEPTS, METHODOLOGIES, TOOLS AND APPLICATIONS

IGI Global Organizational Learning and Knowledge: Concepts, Methodologies, Tools and Applications demonstrates exhaustively the many applications, issues, and techniques applied to the science of recording, categorizing, using and learning from the experiences and expertise acquired by the modern organization. A much needed collection, this multi-volume reference presents the theoretical foundations, research results, practical case studies, and future trends to both inform the decisions facing today's organizations and the establish fruitful organizational practices for the future. Practitioners, researchers, and academics involved in leading organizations of all types will find useful, grounded resources for navigating the ever-changing organizational landscape.

TECHNOLOGICAL DEVELOPMENTS IN NETWORKING, EDUCATION AND AUTOMATION

Springer Science & Business Media Technological Developments in Networking, Education and Automation includes a set of rigorously reviewed world-class manuscripts addressing and detailing state-of-the-art research projects in the following areas: Computer Networks: Access Technologies, Medium Access Control, Network architectures and Equipment, Optical Networks and Switching, Telecommunication Technology, and Ultra Wideband Communications. Engineering Education and Online Learning: including development of courses and systems for engineering, technical and liberal studies programs; online laboratories; intelligent testing using fuzzy logic; taxonomy of e-courses; and evaluation of online courses. Pedagogy: including benchmarking; group-learning; active learning; teaching of multiple subjects together; ontology; and knowledge management. Instruction Technology: including internet textbooks; virtual reality labs, instructional design, virtual models, pedagogy-oriented markup languages; graphic design possibilities; open source classroom management software; automatic email response systems; tablet-pcs; personalization using web mining technology; intelligent digital chalkboards; virtual room concepts for cooperative scientific work; and network technologies, management, and architecture. Coding and Modulation: Modeling and Simulation, OFDM technology , Space-time Coding, Spread Spectrum and CDMA Systems. Wireless technologies: Bluetooth , Cellular Wireless Networks, Cordless Systems and Wireless Local Loop, HIPERLAN, IEEE 802.11, Mobile Network Layer, Mobile Transport Layer, and Spread Spectrum. Network Security and applications: Authentication Applications, Block Ciphers Design Principles, Block Ciphers Modes of Operation, Electronic Mail Security, Encryption & Message Confidentiality, Firewalls, IP Security, Key Cryptography & Message Authentication, and Web Security. Robotics, Control Systems and Automation: Distributed Control Systems, Automation, Expert Systems, Robotics, Factory Automation, Intelligent Control Systems, Man Machine Interaction, Manufacturing Information System, Motion Control, and Process Automation. Vision Systems: for human action sensing, face recognition, and image processing algorithms for smoothing of high speed motion. Electronics and Power Systems: Actuators, Electro-Mechanical Systems, High Frequency Converters, Industrial Electronics, Motors and Drives, Power Converters, Power Devices and Components, and Power Electronics.

MACHINE TRANSLATION

13TH CHINA WORKSHOP, CWMT 2017, DALIAN, CHINA, SEPTEMBER 27-29, 2017, REVISED SELECTED PAPERS

Springer This book constitutes the refereed proceedings of the 13th China Workshop on Machine Translation, CWMT 2017, held in Dalian, China, in September 2017. The 10 papers presented in this volume were carefully reviewed and selected from 26 submissions and focus on all aspects of machine translation, including preprocessing, neural machine translation models, hybrid model, evaluation method, and post-editing.

ON THE MOVE TO MEANINGFUL INTERNET SYSTEMS: OTM 2013 CONFERENCES

CONFEDERATED INTERNATIONAL CONFERENCES: COOPIS, DOA-TRUSTED CLOUD AND ODBASE 2013, GRAZ, AUSTRIA, SEPTEMBER 9-13, 2013. PROCEEDINGS.

Springer This volume constitutes the refereed proceedings of the confederated international conferences: Cooperative Information Systems (CoopIS 2013), Distributed Objects and Applications (DOA-Trusted Cloud 2013), and Ontologies, Data Bases and Applications of SEmantics (ODBASE 2013) held as part of OTM 2013 in September 2013 in Graz, Austria. The 47 revised full papers presented together with 6 short papers and 5 keynotes were carefully reviewed and selected from a total of 137 submissions. The papers are organized in topical sections on business process management; process modelling; service management; social networking; models and schemas; technical advances in cloud computing; towards trusted cloud computing; privacy for the cloud; querying and mining semantic information; semantic matching and mapping; semantic information management; semantics in use.

KNOWLEDGE SCIENCE, ENGINEERING AND MANAGEMENT

4TH INTERNATIONAL CONFERENCE, KSEM 2010, BELFAST, NORTHERN IRELAND, UK, SEPTEMBER 1-3, 2010, PROCEEDINGS

Springer This book constitutes the proceedings of the 4th International Conference on Knowledge Science, Engineering and Management held in Belfast, Northern Ireland, UK, in September 2010.

ENCYCLOPEDIA OF NETWORKED AND VIRTUAL ORGANIZATIONS

IGI Global [Administration (référence électronique] ; informatique].

ANNOTATIONS IN SCHOLARLY EDITIONS AND RESEARCH

FUNCTIONS, DIFFERENTIATION, SYSTEMATIZATION

Walter de Gruyter GmbH & Co KG The term 'annotation' is associated in the Humanities and Technical Sciences with different concepts that vary in coverage, application and direction but which also have instructive parallels. This publication mirrors the increasing cooperation that has been taking place between the two disciplines within the scope of the digitalization of the Humanities. It presents the results of an international conference on the concept of annotation that took place at the University of Wuppertal in February 2019. This publication reflects on different practices and associated concepts of annotation in an interdisciplinary perspective, puts them in relation to each other and attempts to systematize their commonalities and divergences. The following dynamic visualizations allow an interactive navigation within the volume based on keywords: Wordcloud ▲ , Matrix ▦ , Edge Bundling ◎

HANDBOOK OF LINGUISTIC ANNOTATION

Springer This handbook offers a thorough treatment of the science of linguistic annotation. Leaders in the field guide the reader through the process of modeling, creating an annotation language, building a corpus and evaluating it for correctness. Essential reading for both computer scientists and linguistic researchers.Linguistic annotation is an increasingly important activity in the field of computational linguistics because of its critical role in the development of language models for natural language processing applications. Part one of this book covers all phases of the linguistic annotation process, from annotation scheme design and choice of representation format through both the manual and automatic annotation process, evaluation, and iterative improvement of annotation accuracy. The second part of the book includes case studies of annotation projects across the spectrum of linguistic annotation types, including morpho-syntactic tagging, syntactic analyses, a range of semantic analyses (semantic roles, named entities, sentiment and opinion), time and event and spatial analyses, and discourse level analyses including discourse structure, co-reference, etc. Each case study addresses the various phases and processes discussed in the chapters of part one.

PROCESS SYSTEMS ENGINEERING 2003

8TH INTERNATIONAL SYMPOSIUM ON PROCESS SYSTEMS ENGINEERING

Elsevier Contains proceedings from the 8th International Symposium on Process Systems Engineering (PSE), which brought together the global community of process systems engineering researchers and practitioners involved in the creation and application of computing based methodologies for planning, design, operation, control, and maintenance of chemical processes. Contains proceeding from the 8th International Symposium on Process Systems Engineering Conference theme for PSE 2003 is 'supporting business decision making'

NATURAL LANGUAGE PROCESSING – IJCNLP 2004

FIRST INTERNATIONAL JOINT CONFERENCE, HAINAN ISLAND, CHINA, MARCH 22-24, 2004, REVISED SELECTED PAPERS

Springer Science & Business Media This book constitutes the thoroughly refereed post-proceedings of the First International Joint Conference on Natural Language Processing, IJCNLP 2004, held in Hainan Island, China in March 2004. The 84 revised full papers presented in this volume were carefully selected during two rounds of reviewing and improvement from 211 papers submitted. The papers are organized in topical sections on dialogue and discourse; FSA and parsing algorithms; information extractions and question answering; information retrieval; lexical semantics, ontologies, and linguistic resources; machine translation and multilinguality; NLP software and applications, semantic disambiguities; statistical models and machine learning; taggers, chunkers, and shallow parsers; text and sentence generation; text mining; theories and formalisms for morphology, syntax, and semantics; word segmentation; NLP in mobile information retrieval and user interfaces; and text mining in bioinformatics.

LEGAL KNOWLEDGE AND INFORMATION SYSTEMS

JURIX 2020: THE THIRTY-THIRD ANNUAL CONFERENCE, BRNO, CZECH REPUBLIC, DECEMBER 9-11, 2020

IOS Press The field of legal knowledge and information systems has traditionally been concerned with the subjects of legal knowledge representation and engineering, computational models of legal reasoning, and the analysis of legal data, but recent years have also seen an increasing interest in the application of machine learning methods to ease and empower the everyday activities of legal experts. This book presents the proceedings of the 33rd International Conference on Legal Knowledge and Information Systems (JURIX 2020), organised this year as a virtual event on 9–11 December 2020 due to restrictions resulting from the Covid-19 pandemic. For more than three decades, the annual JURIX international conference, which now also includes demo papers, has provided a platform for academics and practitioners to exchange knowledge about theoretical research and applications in concrete legal use cases. A total of 85 submissions by 255 authors from 28 countries were received for the conference, and after a rigorous review process, 20 were selected for publication as full papers, 14 as short papers, and 5 as demo papers. This selection process resulted in a total acceptance rate of 40% (full and short papers) and a competitive 23.5% acceptance rate for full papers. Topics span from computational models of legal argumentation, case-based reasoning, legal ontologies, smart contracts, privacy management and evidential reasoning to information extraction from different types of text in legal documents, and ethical dilemmas. Providing a state-of-the-art overview of developments in the field, this book will be of interest to all those working with legal knowledge and information systems.

COMPETITIVE INTELLIGENCE AND DECISION PROBLEMS

John Wiley & Sons The development of a research, teaching, or application ofcompetitive (economic) intelligence requires a strategic andtransverse vision in regards to related issues. It isessential to integrate the role of culture when interpretingresults, either from the training of a specialist or in respect toa country or region. The authors of this book, members of an expertgroup supported by the CNRS in France, bring all of their talentstogether to create a comprehensive book that does just this andmore.

IMPLICIT AND EXPLICIT SEMANTICS INTEGRATION IN PROOF-BASED DEVELOPMENTS OF DISCRETE SYSTEMS

COMMUNICATIONS OF NII SHONAN MEETINGS

Springer Nature This book addresses mechanisms for reducing model heterogeneity induced by the absence of explicit semantics expression in the formal techniques used to specify design models. More precisely, it highlights the advances in handling both implicit and explicit semantics in formal system developments, and discusses different contributions expressing different views and perceptions on the implicit and explicit semantics. The book is based on the discussions at the Shonan meeting on this topic held in 2016, and includes contributions from the participants summarising their perspectives on the problem and offering solutions. Divided into 5 parts: domain modelling, knowledge-based modelling, proof-based modelling, assurance cases, and refinement-based modelling, and offers inspiration for researchers and practitioners in the fields of formal methods, system and software engineering, domain knowledge modelling, requirement analysis, and explicit and implicit semantics of modelling languages.

ROUGH SETS, FUZZY SETS, DATA MINING AND GRANULAR COMPUTING

11TH INTERNATIONAL CONFERENCE, RSFDGRC 2007, TORONTO, CANADA, MAY 14-16, 2007

Springer Science & Business Media This book constitutes the refereed proceedings of the 11th International Conference on Rough Sets, Fuzzy Sets, Data Mining, and Granular Computing, RSFDGrC 2007, held in Toronto, Canada in May 2007 in conjunction with the

Second International Conference on Rough Sets and Knowledge Technology, RSKT 2007, both as part of the Joint Rough Set Symposium, JRS 2007.

SOFTWARE DEVELOPMENT TECHNIQUES FOR CONSTRUCTIVE INFORMATION SYSTEMS DESIGN

IGI Global Software development and information systems design have a unique relationship, but are often discussed and studied independently. However, meticulous software development is vital for the success of an information system. Software Development Techniques for Constructive Information Systems Design focuses the aspects of information systems and software development as a merging process. This reference source pays special attention to the emerging research, trends, and experiences in this area which is bound to enhance the reader's understanding of the growing and ever-adapting field. Academics, researchers, students, and working professionals in this field will benefit from this publication's unique perspective.

CASE-BASED REASONING ON IMAGES AND SIGNALS

Springer This is the first edited book that deals with the special topic of signals and images within Case-Based Reasoning (CBR). Signal-interpreting systems are becoming increasingly popular in medical, industrial, ecological, biotechnological and many other applications. Existing statistical and knowledge-based techniques lack robustness, accuracy and flexibility. New strategies are needed that can adapt to changing environmental conditions, signal variation, user needs and process requirements. Introducing CBR strategies into signal-interpreting systems can satisfy these requirements.

THE LEGALTECH BOOK

THE LEGAL TECHNOLOGY HANDBOOK FOR INVESTORS, ENTREPRENEURS AND FINTECH VISIONARIES

John Wiley & Sons Written by prominent thought leaders in the global fintech and legal space, The LegalTech Book aggregates diverse expertise into a single, informative volume. Key industry developments are explained in detail, and critical insights from cutting-edge practitioners offer first-hand information and lessons learned. Coverage includes: · The current status of LegalTech, why now is the time for it to boom, the drivers behind it, and how it relates to FinTech, RegTech, InsurTech, WealthTech and PayTech · Applications of AI, machine learning and deep learning in the practice of law; e-discovery and due diligence; AI as a legal predictor · LegalTech making the law accessible to all; online courts, online dispute resolution · The Uberization of the law; hiring and firing through apps · Lawbots; social media meets legal advice · To what extent does LegalTech make lawyers redundant or more efficient? · Cryptocurrencies, distributed ledger technology and the law · The Internet of Things, data privacy, automated contracts · Cybersecurity and data · Technology vs. the law; driverless cars and liability, legal rights of robots, ownership rights over works created by technology · Legislators as innovators · Practical LegalTech solutions helping Legal departments in corporations and legal firms alike to get better legal work done at lower cost

JOURNAL ON DATA SEMANTICS IV

Springer • Semantics in data visualization • Semantic services for mobile users • Supporting tools • Applications of semantic-driven approaches These topics are to be understood as specifically related to semantic issues. Contributions submitted to the journal and dealing with semantics of data will be considered even if they are not within the topics in the list. While the physical appearance of the journal issues is like the books from the we- known Springer LNCS series, the mode of operation is that of a journal. Contributions can be freely submitted by authors and are reviewed by the Editorial Board. Contributions may also be invited, and nevertheless carefully reviewed, as in the case for issues that contain extended versions of the best papers from major conferences addressing data semantics issues. Special issues, focusing on a specific topic, are coordinated by guest editors once the proposal for a special issue is accepted by the Editorial Board. Finally, it is also possible that a journal issue be devoted to a single text.

CONTROL AND CONSTRAINT IN E-LEARNING: CHOOSING WHEN TO CHOOSE

CHOOSING WHEN TO CHOOSE

IGI Global "This book unifies and synthesizes an assortment of theories about learner control, autonomy, self-direction, adult learning for educationalists, e-learning practitioners and e-learning developers; it provides a theoretical approach to building computer systems to support adults learning via the Internet, existing e-learning environments and how they should be used, and the process of education in general"--Provided by publisher.

NEW COMPANION TO DIGITAL HUMANITIES

John Wiley & Sons

AUTOMATION, COMMUNICATION AND CYBERNETICS IN SCIENCE AND ENGINEERING 2009/2010

Springer Science & Business Media The book presents a representative selection of all publications published between 01/2009 and 06/2010 in various books, journals and conference proceedings by the researchers of the institute cluster: IMA - Institute of Information Management in Mechanical Engineering ZLW - Center for Learning and Knowledge Management IfU - Institute for Management Cybernetics, Faculty of Mechanical Engineering, RWTH Aachen University The contributions address the cluster's five core research fields: suitable processes for knowledge- and technology-intensive organizations, next-generation teaching and learning concepts for universities and the economy, cognitive IT-supported processes for heterogeneous and cooperative systems, target group-adapted user models for innovation and technology development processes, semantic networks and ontologies for complex value chains and virtual environments Innovative fields of application such as cognitive systems, autonomous truck convoys, telemedicine, ontology engineering, knowledge and information management, learning models and technologies, organizational development and management cybernetics are presented. The contributions show the unique potential of the broad and interdisciplinary research approach of the ZLW/IMA and the IfU.

GEOGRAPHIC HYPERMEDIA

CONCEPTS AND SYSTEMS

Springer Science & Business Media The book serves as a collection of multi-disciplinary contributions related to Geographic Hypermedia and highlights the technological aspects of GIS. Specifically, it focuses on its database and database management system. The methodologies for modeling and handling geographic data are described. It presents the novel models, methods and tools applied in Spatial Decision Support paradigm.

ONTOLOGY THEORY, MANAGEMENT AND DESIGN: ADVANCED TOOLS AND MODELS

ADVANCED TOOLS AND MODELS

IGI Global "The focus of this book is on information and communication sciences, computer science, and artificial intelligence and provides readers with access to the latest knowledge related to design, modeling and implementation of ontologies"--Provided by publisher.

PROCEEDINGS OF THE ... INTERNATIONAL CONFERENCE ON KNOWLEDGE CAPTURE

OMDOC -- AN OPEN MARKUP FORMAT FOR MATHEMATICAL DOCUMENTS [VERSION 1.2]

FOREWORD BY ALAN BUNDY

Springer Open Mathematical Documents (OMDoc) is a content markup scheme for mathematical documents including articles, textbooks, interactive books, and courses. OMDoc also serves as the content language for agent communication of mathematical services and a mathematical software bus. This book documents OMDoc version 1.2, the final and mature release of OMDoc 1. The system has been validated in varied applications, and features modularized language design, OPENMATH and MATHML for the representation of mathematical objects.

EVALUATION OF NOVEL APPROACHES TO SOFTWARE ENGINEERING

5TH INTERNATIONAL CONFERENCE, ENASE 2010, ATHENS, GREECE, JULY 22-24, 2010, REVISED SELECTED PAPERS

Springer Science & Business Media This book contains a collection of thoroughly refereed papers presented at the 5th International Conference on Evaluation of Novel Approaches to Software Engineering, ENASE 2010, held in Athens, Greece, in July 2010. The 19 revised and extended full papers were carefully selected from 70 submissions. They cover a wide range of topics, such as quality and metrics; service and Web engineering; process engineering; patterns, reuse and open source; process improvement; aspect-oriented engineering; and requirements engineering.

THE SEMANTIC WEB: TRENDS AND CHALLENGES

11TH INTERNATIONAL CONFERENCE, ESWC 2014, ANISSARAS, CRETE, GREECE, MAY 25-29, 2014, PROCEEDINGS

Springer This book constitutes the refereed proceedings of the 11th Extended Semantic Web Conference, ESWC 2014, held in Anissaras, Crete, Greece France, in May 2014. The 50 revised full papers presented together with three invited talks were carefully reviewed and selected from 204 submissions. They are organized in topical sections on mobile, sensor and semantic streams; services, processes and cloud computing; social web and web science; data management; natural language processing; reasoning; machine learning; linked open data; cognition and semantic web; vocabularies, schemas, ontologies. The book also includes 11 papers presented at the PhD Symposium.

UNIVERSAL ACCESS IN HUMAN-COMPUTER INTERACTION. DESIGN FOR ALL AND EINCLUSION

6TH INTERNATIONAL CONFERENCE, UAHCI 2011, HELD AS PART OF HCI INTERNATIONAL 2011, ORLANDO, FL, USA, JULY 9-14, 2011, PROCEEDINGS

Springer Science & Business Media

HANDBOOK OF RESEARCH ON EMERGING RULE-BASED LANGUAGES AND TECHNOLOGIES: OPEN SOLUTIONS AND APPROACHES

OPEN SOLUTIONS AND APPROACHES

IGI Global "This book provides a comprehensive collection of state-of-the-art advancements in rule languages"--Provided by publisher.

LIGHT-WEIGHT EXPERIENCE COLLECTION IN DISTRIBUTED SOFTWARE ENGINEERING

Logos Verlag Berlin GmbH Nowadays, distributed software development has become more common. In a distributed project setting, managing experience is even more crucial than in a co-located project. Problems like ineffective communication, lack of awareness and trust and restrictive information flow policies impede experience exchange and raise the overall effort for software engineers to collaborate. Moreover, sharing experiences is usually not part of the development process and considered additional effort. This often leads to failure of the experience management initiative due to a lack of participation. This thesis proposes a framework for qualitative and quantitative assessment of light-weight experience collection. Light-weight methods primarily aim at lowering the perceived effort and return a reasonable benefit to the experience bearers. This thesis proposes characterizing criteria of light-weight experience collection and a measurement system to measure gradations of expected effort and benefit of an experience collection method. To support knowledge managers in choosing the appropriate collection method, this thesis provides a catalogue of strategies from different categories and areas of application in distributed development projects.

MODELING AND USING CONTEXT

5TH INTERNATIONAL AND INTERDISCIPLINARY CONFERENCE, CONTEXT 2005, PARIS, FRANCE, JULY 5-8, 2005, PROCEEDINGS

Springer Context is of crucial importance for research and applications in many disciplines, as evidenced by many workshops, symposia, seminars, and conferences on specific aspects of context. The International and Interdisciplinary Conference on Modeling and Using Context (CONTEXT), the oldest conference series focusing on context, provides a unique interdisciplinary emphasis, bringing together participants from a wide range of disciplines, including artificial intelligence, cognitive science, computer science, linguistics, organizational science, philosophy, psychology, ubiquitous computing, and application areas such as medicine and law, to discuss and report on context-related research and projects. Previous CONTEXT conferences were held in Rio de Janeiro, Brazil (1997), Trento, Italy (1999, LNCS 1688), Dundee, UK (2001, LNCS 2116), and Palo Alto, USA (2003, LNCS 2680). CONTEXT 2005 was held in Paris, France during July 5-8, 2005. There was a strong response to the CONTEXT 2005 Call for Papers, with 120 submissions received. A careful review process assessed all submissions, with each paper first reviewed by the international Program Committee, and then reviewer discussions were initiated as needed to assure that the final decisions carefully considered all aspects of each paper. Reviews of submissions by the Program Chairs were supervised independently and anonymously, to assure fair consideration of all work. Out of the 120 submissions, 23 were selected as full papers for oral presentation, and 20 were selected as full papers for poster presentation. These outstanding papers are presented in this proceedings.

MANAGEMENT OF THE INTERCONNECTED WORLD

ITAIS: THE ITALIAN ASSOCIATION FOR INFORMATION SYSTEMS

Springer Science & Business Media * Joey F. George I was honored to be asked to open the VI Conference of the Italian Chapter of the Association for Information Systems (ItAIS), held in Olbia, on the Costa Smeralda of Sardinia, Italy, in October 2009. Over 90 research papers were presented over two days, and over 120 people attended the conference. Each day, five par- lel sessions featured papers on diverse information systems topics. Session themes included Information and Knowledge Management; Organizational Change and Impact of ICT; IS Quality, Metrics and Impact; E-Justice and Ethics of Information Systems; Information Systems Development and Design Methodo- gies; E-Services in Public and Private Sectors; Innovation Transfer of IT Research Projects; the Strategic Role of

Information Systems; Accounting Management and Information Systems; Human Computer Interaction; and Emerging Issues in a Globalized and Interconnected World. The majority of attendees were from Italy, which would be expected for a meeting of the Italian Chapter of AIS. However, as much as 30% of participants came from elsewhere, from other parts of Europe to be sure, but also from as far away as Nigeria, Mexico and Australia. That the conference was so decidedly international provides support for the 2009 con-rence theme, "Achieving Fusion in the Interconnected World. " Amid lively d- cussion and intellectual exchanges, professional networks were extended well beyond the Costa Smeralda and new connections and friendships were made.