
Tagging Peoplepowered Metadata For The Social Web

IFRS and XBRL
Social Computing and Social Media
Information Retrieval
Design Solutions for User-Centric Information Systems
Quantitative Semantics and Soft Computing Methods for the Web: Perspectives and Applications
Hybrid Artificial Intelligent Systems, Part II
Semantic Web Technologies and Social Searching for Librarians
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Metadata
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Indexing
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Digital Tools for Seamless Learning
Handbook of Research on Contemporary Perspectives on Web-Based Systems
Mashup Patterns
Handbook of Research on Emerging Trends and Technologies in Librarianship
Adding Value to Libraries, Archives, and Museums
Encyclopedia of Social Media and Politics
Best Practices for the Knowledge Society. Knowledge, Learning, Development and Technology for All
Theory of the Hashtag
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Fuzzy Methods for Customer Relationship Management and Marketing: Applications and Classifications
Tagging
Philosophy of Engineering and Artifact in the Digital Age
Social Network Mining, Analysis, and Research Trends: Techniques and Applications
Worldwide Commonalities and Challenges in Information Literacy Research and Practice
Social Media Mining and Social Network Analysis: Emerging Research
Library and Information Sciences
Virtual Communities: Concepts, Methodologies, Tools and Applications
Handbook of Medical and Healthcare Technologies
Folksonomies

LEE BURGESS

IFRS and XBRL IGI Global

The Internet has been acknowledged as a recent technological revolution, due to its significant impact on society as a whole. Nevertheless, precisely due to its impact, limitations of the current Internet are becoming apparent; in particular, its inability to automatically take into account the meaning of online documents. Some proposals for taking meaning into account began to appear, mainly the so-called Semantic Web, which includes a set of technologies like RDF that are based on new markup languages. Though these technologies could be technically sound, practical limitations, such as the high training level required to construct Semantic Web pages, and the small proportion of current Semantic Web pages make the Semantic Web marginal today and also in the near foreseeable future.

Quantitative Semantics and Soft Computing Methods for the Web: Perspectives and Applications will provide relevant theoretical frameworks and the latest empirical research findings related to quantitative, soft-computing and approximate methods for dealing with Internet semantics. The target audience of this book is composed of professionals and researchers working in the fields of information and knowledge related technologies (e.g. Information sciences and technology, computer science, Web science, and artificial intelligence).

Social Computing and Social Media Bloomsbury Publishing USA The Encyclopedia of Social Media and Politics explores how the rise of social media is altering politics both in the United States and in key moments, movements, and places around the world. Its scope encompasses the disruptive technologies and activities that are changing basic patterns in American politics and the amazing transformations that social media use is rendering in other political systems heretofore resistant to democratization and change. In a time when social media are revolutionizing and galvanizing politics in the United States and around the world, this encyclopedia is a must-have reference. It reflects the changing

landscape of politics where old modes and methods of political communication from elites to the masses (top down) and from the masses to elites (bottom up) are being displaced rapidly by social media, and where activists are building new movements and protests using social media to alter mainstream political agendas. Key Features This three-volume A-to-Z encyclopedia set includes 600 short essays on high-interest topics that explore social media's impact on politics, such as "Activists and Activism," "Issues and Social Media," "Politics and Social Media," and "Popular Uprisings and Protest." A stellar array of world renowned scholars have written entries in a clear and accessible style that invites readers to explore and reflect on the use of social media by political candidates in this country, as well as the use of social media in protests overseas Unique to this book is a detailed appendix with material unavailable anywhere else tracking and illustrating social media usage by U.S. Senators and Congressmen. This encyclopedia set is a must-have general, non-technical resource for students and researchers who seek to understand how the changes in social networking through social media are affecting politics, both in the United States and in selected countries or regions around the world.

Information Retrieval Elsevier

Artificial Intelligence (AI) is an interdisciplinary science with multiple approaches to solve a problem. Advancements in machine learning (ML) and deep learning are creating a paradigm shift in virtually every tech industry sector. This handbook provides a quick introduction to concepts in AI and ML. The sequence of the book contents has been set in a way to make it easy for students and teachers to understand relevant concepts with a practical orientation. This book starts with an introduction to AI/ML and its applications. Subsequent chapters cover predictions using ML, and focused information about AI/ML algorithms for different industries (health care, agriculture, autonomous driving, image classification and segmentation, SEO, smart gadgets and security). Each industry use-case demonstrates a specific aspect of AI/ML techniques that can be used to create pipelines for technical solutions such as data processing, object detection, classification and more. Additional

features of the book include a summary and references in every chapter, and several full-color images to visualize concepts for easy understanding. It is an ideal handbook for both students and instructors in undergraduate level courses in artificial intelligence, data science, engineering and computer science who are required to understand AI/ML in a practical context.

Design Solutions for User-Centric Information Systems

Springer Science & Business Media

Indispensable Patterns and Insights for Putting Mashups to Work in Enterprise Environments Using new mashup tools and technologies, enterprise developers can impose their own APIs on everything from Web sites and RSS feeds to Excel and PDF files—transforming a world of content into their own customized informationsource. In *Mashup Patterns*, Michael Ogrinz applies the concept of software development patterns to mashups, systematically revealing the right ways to build enterprise mashups and providing useful insights to help organizations avoid the mistakes that cause mashups to fail. Drawing on extensive experience building business-critical mashups, Ogrinz offers patterns and realistic guidance for every stage of the mashup development lifecycle and addresses the key issues developers, architects, and managers will face. Each pattern is documented with a practical description, specific use cases, and crucial insights into the stability of mashups built with it. Ogrinz concludes by presenting twelve start-to-finish case studies demonstrating mashup patterns at work in actual enterprise settings. Coverage includes: Understanding the relationships among mashups, portals, SOA, EAI/EII, and SaaS Exploring core mashup activities such as data management, surveillance, clipping, transformation, enrichment, publication, and promotion Optimizing security, privacy, accessibility, usability, and performance Managing mashup development, from planning and governance through integration, testing, and deployment Enhancing basic mashups with search, language translation, workflow support, and other improvements Performing effective load and regression testing Avoiding "anti-patterns" that cause enterprise mashups to fail Also of interest: The companion book, *Mashups: Strategies for the Modern Enterprise* by J. Jeffrey

Hanson (Addison-Wesley), is an indispensable guide to designing, implementing, and debugging an enterprise mashup, offering sample code to illustrate key concepts.

Quantitative Semantics and Soft Computing Methods for the Web: Perspectives and Applications New Riders

Our world became engineered, remaining, nevertheless, human. Through the philosophy of engineering, both Engineering and Philosophy are profoundly involved in the transcendental curve of the debates on the future of humankind in the Era of the Artifacts, brought by the emergent technologies of robotics, genetic engineering and nanotechnology. In the Era-Just-Before-Singularity, while engineering is improved by philosophy (as Peter Simons has demonstrated), the “respected system of perplexities we call philosophy” (Jorge Luis Borges) are encouraged by engineering. This book is an anthology of papers presented during PHEADE 2009 (Philosophy of Engineering and Artifact in the Digital Era—www.goldenideashome.com/pheade2009/)—an exploratory workshop organized in the mythical county of Bucovina (in the northern Romania). Registered by The Reasoner as one of the first East European meetings of Philosophers and Engineers of the third millennium, the event was organized by the Romanian Society for Philosophy, Engineering and Technoethics, in an original attempt to redefine the engineered future of the humankind.

Hybrid Artificial Intelligent Systems, Part II John Wiley & Sons

These four volumes (CCIS 297, 298, 299, 300) constitute the proceedings of the 14th International Conference on Information Processing and Management of Uncertainty in Knowledge-Based Systems, IPMU 2012, held in Catania, Italy, in July 2012. The 258 revised full papers presented together with six invited talks were carefully reviewed and selected from numerous submissions. The papers are organized in topical sections on fuzzy machine learning and on-line modeling; computing with words and decision making; soft computing in computer vision; rough sets and complex data analysis: theory and applications; intelligent databases and information system; information fusion systems; philosophical and methodological aspects of soft computing; basic issues in rough sets; 40th anniversary of the measures of fuzziness; SPS11 uncertainty in profiling systems and applications; handling uncertainty with copulas; formal methods to deal with

uncertainty of many-valued events; linguistic summarization and description of data; fuzzy implications: theory and applications; sensing and data mining for teaching and learning; theory and applications of intuitionistic fuzzy sets; approximate aspects of data mining and database analytics; fuzzy numbers and their applications; information processing and management of uncertainty in knowledge-based systems; aggregation functions; imprecise probabilities; probabilistic graphical models with imprecision: theory and applications; belief function theory: basics and/or applications; fuzzy uncertainty in economics and business; new trends in De Finetti's approach; fuzzy measures and integrals; multicriteria decision making; uncertainty in privacy and security; uncertainty in the spirit of Pietro Benvenuti; cooperation; game theory; probabilistic approach.

Semantic Web Technologies and Social Searching for Librarians IGI Global

The premier volume of the Annual Review of Cultural Heritage Informatics (ARCHI), edited by Samantha Kelly Hastings, is the polestar publication for cultural heritage scholars, professionals, and students. Featuring sixteen original works selected by the distinguished editorial board of international scholars, ARCHI presents a broad spectrum of the cultural heritage informatics field. Whether one is interested in cultural heritage preservation, digitization, digital humanities, user behavior, technology, or educational practices, this book is the central source for current and emerging trends in the rapidly expanding cultural heritage informatics field. Major sections of this work include: Best Practices Digital Communities Education Field Reports Technology Reviews By challenging readers to explore a variety of contexts and offering critical evaluation of conventional practices, ARCHI promotes new ideas and offers new pathways of development for the cultural heritage informatics field. No one working in cultural heritage can be truly up-to-date without this essential new coverage of the field today.

Research Anthology on Digital Transformation, Organizational Change, and the Impact of Remote Work Springer Science & Business Media

This book constitutes the proceedings of the Third International Symposium on Agent and Multi-Agent Systems: Technologies and Applications, held in Uppsala, Sweden, during June 3-5, 2009. The 86 papers contained in this volume were carefully reviewed and

selected from numerous submissions. There are 13 main tracks covering the methodology and applications of agent and multi-agent systems and 8 special sessions on specific topics within the field. The papers are divided in topical sections on social and organizational structures of agents; negotiation protocols; mobile agents and robots; agent design and implementation; e-commerce; simulation systems and game systems; agent systems and ontologies; agents for network systems; communication and agent learning systems; Web services and semantic Web; self-organization in multi-agent systems; management and e-business; mobile and intelligent agents for networks and services; engineering interaction protocols; agent-based simulation, decision making and systems optimization; digital economy; agent-based optimization (ABO2009); distributed systems and artificial intelligence applications.

Metadata Springer

This benchmark text is back in a new edition thoroughly updated to incorporate developments and changes in metadata and related domains. Zeng and Qin provide a solid grounding in the variety and interrelationships among different metadata types, offering a comprehensive look at the metadata schemas that exist in the world of library and information science and beyond. Readers will gain knowledge and an understanding of key topics such as the fundamentals of metadata, including principles of metadata, structures of metadata vocabularies, and metadata descriptions; metadata building blocks, from modeling to defining properties, from designing application profiles to implementing value vocabularies, and from specification generating to schema encoding, illustrated with new examples; best practices for metadata as linked data, the new functionality brought by implementing the linked data principles, and the importance of knowledge organization systems; resource metadata services, quality measurement, and interoperability approaches; research data management concepts like the FAIR principles, metadata publishing on the web and the recommendations by the W3C in 2017, related Open Science metadata standards such as Data Catalog Vocabulary (DCAT) version 2, and metadata-enabled reproducibility and replicability of research data; standards used in libraries, archives, museums, and other information institutions, plus existing metadata standards' new versions, such as the EAD 3, LIDO 1.1, MODS 3.7, DC Terms 2020 release

coordinating its ISO 15396-2:2019, and Schema.org's update in responding to the pandemic; and newer, trending forces that are impacting the metadata domain, including entity management, semantic enrichment for the existing metadata, mashup culture such as enhanced Wikimedia contents, knowledge graphs and related processes, semantic annotations and analysis for unstructured data, and supporting digital humanities (DH) through smart data. A supplementary website provides additional resources, including examples, exercises, main takeaways, and editable files for educators and trainers.

Semantic Models for Adaptive Interactive Systems John Wiley & Sons

This volume provides a comprehensive introduction to foundational topics in sound design for interactive media, such as gaming and virtual reality; compositional techniques; new interfaces; sound spatialization; sonic cues and semiotics; performance and installations; music on the web; augmented reality applications; and sound producing software design. The reader will gain a broad understanding of the key concepts and practices that define sound design for its use in computational media and design. The chapters are written by international authors from diverse backgrounds who provide multidisciplinary perspectives on sound in its interactive forms. The volume is designed as a textbook for students and teachers, as a handbook for researchers in sound, design and media, and as a survey of key trends and ideas for practitioners interested in exploring the boundaries of their profession.

Designing Search IGI Global

This book explains the concept of adding value and shows staff at libraries and other organizations why they need to take steps now to ensure they are adding new value to their communities—whether it be a local town or neighborhood, a faculty and student body, or a school. Value is at the core of every organization's purpose. Without value, organizations die. Libraries—as well as museums, archives, and galleries—have traditionally added value to their communities through their collections and services, but yesterday's collections and services are no longer enough. In order to remain sustainable, today's libraries, archives, museums, and galleries must explore new ways to add value that resonate in the lives of their customers. This unique book explains how addressing the "5 C's" of adding

value—content, context, connection, collaboration, and community—enables organizations to find new ways to invigorate their services, better serve their communities, and thrive today and tomorrow. It addresses adding value in the context of other key topics, such as crowdsourcing, embedded librarianship, makerspaces, self publishing, and repurposing spaces. Filled with charts, tables, screenshots, and other visual representation, this is a useful and provocative guide that anyone interested in vesting in the successful future of libraries, archives, and museums needs to read.

Foundations in Sound Design for Interactive Media IGI Global

International Financial Reporting Standards are increasingly adopted worldwide, and it is critical to understand their place within the global business environment as well as the most up-to-date methods of applying them. In IFRS and XBRL Kurt Ramin and Cornelis Reiman, world authorities on IFRS, have condensed the overwhelming flood of available material to present a comprehensive guide to the key components of IFRS, helping to explain why they are a priority for private enterprises and governments alike. The book: provides valuable commentary on key components of IFRS which are crucial to local, national and international business decision making demonstrates the importance of disclosure checklists offers illustrative financial statements arising from IFRS looks at recent developments in IFRS, in particular how the standards should be reflected in the narrative report, and what implications they have for sustainability reporting explores how business reporting can be improved, for example through the addition of non-financial reporting examines the key issue of emerging technology in reporting under IFRS, especially the use of XBRL and the obvious push for a new paradigm whereby object definitions, tracking and valuation offer considerable benefits to the people who produce and rely upon business reports To complete the picture, the authors examines other standards, and cover important issues such as US GAAP convergence with IFRS, and the important of International Valuation Standards, IFRS and XBRL is the complete guide to the background, current state, and future of International Financial Reporting Standards.

[Agent and Multi-Agent Systems: Technologies and Applications](#) Springer

Continuous improvements in technological applications have allowed more opportunities to develop systems with user-focused designs. This not only leads to higher success in day-to-day usage, but it increases the overall probability of technology adoption. *Design Solutions for User-Centric Information Systems* provides a comprehensive examination of the latest strategies and methods for creating technological systems with end users as the focal point of the design process. Highlighting innovative practices and applications across a variety of areas, such as cloud-based computing services, e-government adoption, and logistics evaluation, this book is an ideal reference source for computer engineers, practitioners, project managers, graduate students, and researchers interested in the enhancement of user-centric information system development.

[Information Processing and Management of Uncertainty in Knowledge-Based Systems. Applications](#) American Library Association

This book constitutes the proceedings of the 5th International Conference on Hybrid Artificial Intelligent Systems, held in San Sebastian, Spain, in June 2010.

[Annual Review of Cultural Heritage Informatics](#) Springer

Here's a practical guide to the future of web-based technology, especially search. It provides the knowledge and skills necessary to implement semantic web technology.

Indexing Springer Science & Business Media

This book explores the development, trends and research of library and information sciences (LIS) in the digital age. Inside, readers will find research and case studies written by LIS experts, educators and theorists, most of whom have visited China, delivered presentations there and drafted their articles based on feedback they received. As a result, readers will discover the LIS issues and concerns that China and the international community have in common. The book first introduces the opportunities and challenges faced by the library and information literacy profession and discusses the key role of librarians in the future of information literacy education. Next, it covers trends in LIS education by examining the vision of the iSchool movement and detailing its practice in Syracuse University. The book then covers issues in information seeking and retrieval by showing how visual data mining technology can be used to detect the relationship and pattern between terms on the Q&A of a social media site. It

also includes a case study regarding tracing information seeking behavior and usage on a multimedia website. Next, the book stresses the importance of building an academic accreditation framework for scientific datasets, explores the relationship between bibliometrics and university rankings, and details the birth and development of East Asian Libraries in North America. Overall, the book offers readers insight into the changing nature of LIS, including the electronic dissemination of information, the impact of the Internet on libraries, the changing responsibilities of library professionals, the new paradigm for evaluating information, and characteristics and functions of today's library personnel.

Handbook of Artificial Intelligence Springer Science & Business Media

"This book explores the origin, structure, purpose, and function of socially interactive technologies known as social software"-- Provided by publisher.

Business Process Management Workshops John Wiley & Sons

This book equips readers to understand a complex range of healthcare products that are used to diagnose, monitor, and treat diseases or medical conditions affecting humans. The first part of the book presents medical technologies such as medical information retrieval, tissue engineering techniques, 3D medical imaging, nanotechnology innovations in medicine, medical wireless sensor networks, and knowledge mining techniques in medicine. The second half of the book focuses on healthcare technologies including prediction hospital readmission risk, modeling e-health framework, personal Web in healthcare, security issues for medical records, and personalized services in healthcare. The contributors are leading world researchers who share their innovations, making this handbook the definitive resource on these topics. *Handbook of Medical and Healthcare Technologies* is intended for a wide audience including academicians, designers, developers, researchers and advanced-

level students. It is also valuable for business managers, entrepreneurs, and investors within the medical and healthcare industries.

Technological and Social Environments for Interactive Learning IGI Global

Tagging is fast becoming one of the primary ways people organize and manage digital information. Tagging complements traditional organizational tools like folders and search on users desktops as well as on the web. These developments mean that tagging has broad implications for information management, information architecture and interface design. And its reach extends beyond these technical domains to our culture at large. We can imagine, for example, the scrapbookers of the future curating their digital photos, emails, ticket stubs and other mementos with tags. This book explains the value of tagging, explores why people tag, how tagging works and when it can be used to improve the user experience. It exposes tagging's superficial simplicity to reveal interesting issues related to usability, information architecture, online community and collective intelligence.

Digital Tools for Seamless Learning IGI Global

Technology Enhanced Learning (TEL) is a very broad and increasingly mature research field. It encompasses a wide variety of research topics, ranging from the study of different pedagogical approaches and teaching/learning strategies and techniques, to the application of advanced technologies in educational settings such as the use of different kinds of mobile devices, sensors and sensor networks to provide the technical foundation for context-aware, ubiquitous learning. The TEL community has also been exploring the use of artificial intelligence tools and techniques for the development of intelligent learning environments capable of adapting to learners' needs and preferences and providing learners with personalized

learning experience. Recognizing the potential of online social networks, social media, and web-based social software tools as learning platforms for online education, the TEL community has devoted significant time and effort into researching how these popular technologies could be combined with appropriate pedagogical approaches to make learning experience more engaging, satisfying, and successful. Among the most important results of these research endeavors are personal learning environments that allow learners to create mash-ups of diverse social software tools based on their own needs and preferences as well as to create and maintain their online learning networks. Undeniably, technological advancement is making education more accessible to an increasing number of people worldwide. To fully exploit the huge benefit the technology is offering, the TEL community is exploring effective approaches for adapting learning resources to address language, generation, and cultural specificities. Aiming to make learning accessible to all, the community has also focused on the development of solutions for learners with special needs. Finally, it should be noted that all the above mentioned research efforts of the TEL community are finding their applications in different learning contexts and domains, including formal education and informal learning, as well as workplace learning in small, medium, and large organizations. Since the scope of TEL research is constantly evolving, the above given overview of the current research efforts does not aim to be exhaustive by any means. Instead, its purpose is to give some insights into the breadth of research topics and challenges that this edited book aims to cover. The book comprises 14 chapters, which are topically organized into several sections. However, this division of chapters into sections is not strictly definitive as each of the chapters itself presents a comprehensive research work that often spans across diverse TEL areas and thus could be categorized into more than one section of the book.