1. Record Nr. UNINA9910483444803321

Titolo	The Semantic Web : ISWC 2006 : 5th International Semantic Web Conference, ISWC 2006, Athens, GA, USA, November 5-9, 2006 : proceedings / / Isabel Cruz ... [et al.] (eds.)
Pubbl/distr/stampa	Berlin ; ; New York, : Springer, c2006
ISBN	3-540-49055-8
Edizione	[1st ed. 2006.]
Descrizione fisica	1 online resource (XXIV, 1004 p.)
Collana	Lecture notes in computer science, , 0302-9743 ; ; 4273 LNCS sublibrary. SL 3, Information systems and application, incl. Internet/Web, and HCI
Altri autori (Persone)	CruzIsabel F
Disciplina	025.04
Soggetti	Semantic Web Web site development Knowledge management Ontology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Research Track -- Ranking Ontologies with AKTiveRank -- Three Semantics for Distributed Systems and Their Relations with Alignment Composition -- Semantics and Complexity of SPARQL -- Ontology-Driven Automatic Entity Disambiguation in Unstructured Text -- Augmenting Navigation for Collaborative Tagging with Emergent Semantics -- On the Semantics of Linking and Importing in Modular Ontologies -- RS2D: Fast Adaptive Search for Semantic Web Services in Unstructured P2P Networks -- SADIe: Semantic Annotation for Accessibility -- Automatic Annotation of Web Services Based on Workflow Definitions -- A Constraint-Based Approach to Horizontal Web Service Composition -- GINO – A Guided Input Natural Language Ontology Editor -- Fresnel: A Browser-Independent Presentation Vocabulary for RDF -- A Software Engineering Approach to Design and Development of Semantic Web Service Applications -- A Model Driven Approach for Building OWL DL and OWL Full Ontologies -- IRS-III: A Broker for Semantic Web Services Based Applications -- Provenance Explorer – Customized Provenance Views Using Semantic Inferencing -- On How to Perform a Gold Standard Based Evaluation of Ontology

Learning -- Characterizing the Semantic Web on the Web -- MultiCrawler: A Pipelined Architecture for Crawling and Indexing Semantic Web Data -- /facet: A Browser for Heterogeneous Semantic Web Repositories -- Using Ontologies for Extracting Product Features from Web Pages -- Block Matching for Ontologies -- A Relaxed Approach to RDF Querying -- Mining Information for Instance Unification -- The Summary Abox: Cutting Ontologies Down to Size -- Semantic Metadata Generation for Large Scientific Workflows -- Reaching Agreement over Ontology Alignments -- A Formal Model for Semantic Web Service Composition -- Evaluating Conjunctive Triple Pattern Queries over Large Structured Overlay Networks -- PowerMap: Mapping the Real Semantic Web on the Fly -- Ontology-Driven Information Extraction with OntoSyphon -- Ontology Query Answering on Databases -- Formal Model for Ontology Mapping Creation -- A Semantic Context-Aware Access Control Framework for Secure Collaborations in Pervasive Computing Environments -- Extracting Relations in Social Networks from the Web Using Similarity Between Collective Contexts -- Can OWL and Logic Programming Live Together Happily Ever After? -- Innovation Detection Based on User-Interest Ontology of Blog Community -- Modeling Social Attitudes on the Web -- A Framework for Ontology Evolution in Collaborative Environments -- Extending Faceted Navigation for RDF Data -- Reducing the Inferred Type Statements with Individual Grouping Constructs -- A Framework for Schema-Driven Relationship Discovery from Unstructured Text -- Web Service Composition Via Generic Procedures and Customizing User Preferences -- Querying the Semantic Web with Preferences -- ONTOCOM: A Cost Estimation Model for Ontology Engineering -- Tree-Structured Conditional Random Fields for Semantic Annotation -- Framework for an Automated Comparison of Description Logic Reasoners -- Integrating and Querying Parallel Leaf Shape Descriptions -- A Survey of the Web Ontology Landscape -- CropCircles: Topology Sensitive Visualization of OWL Class Hierarchies -- Towards Knowledge Acquisition from Information Extraction -- A Method for Learning Part-Whole Relations -- Semantic Web in Use -- OntoWiki – A Tool for Social, Semantic Collaboration -- Towards a Semantic Web of Relational Databases: A Practical Semantic Toolkit and an In-Use Case from Traditional Chinese Medicine -- Information Integration Via an End-to-End Distributed Semantic Web System -- NEWS: Bringing Semantic Web Technologies into News Agencies -- Semantically-Enabled Large-Scale Science Data Repositories -- Construction and Use of Role-Ontology for Task-Based Service Navigation System -- Enabling an Online Community for Sharing Oral Medicine Cases Using Semantic Web Technologies -- EKOSS: A Knowledge-User Centered Approach to Knowledge Sharing, Discovery, and Integration on the Semantic Web -- Ontogator — A Semantic View-Based Search Engine Service for Web Applications -- Explaining Conclusions from Diverse Knowledge Sources -- A Mixed Initiative Semantic Web Framework for Process Composition -- Semantic Desktop 2.0: The Gnowsis Experience -- Towards Semantic Interoperability in a Clinical Trials Management System -- Active Semantic Electronic Medical Record -- Semantic Web Challenge -- Foafing the Music: Bridging the Semantic Gap in Music Recommendation -- Semantic MediaWiki -- Enabling Semantic Web Communities with DBin: An Overview -- MultimediaN E-Culture Demonstrator -- A Semantic Web Services GIS Based Emergency Management Application -- Doctoral Consortium -- Package-Based Description Logics – Preliminary Results -- Distributed Policy Management in Semantic Web -- Evaluation of SPARQL Queries Using Relational Databases -- Dynamic Contextual Regulations in Open

Multi-agent Systems -- From Typed-Functional Semantic Web Services to Proofs -- Towards a Usable Group Editor for Ontologies -- Talking to the Semantic Web – Query Interfaces to Ontologies for the Casual User -- Changing Ontology Breaks Queries -- Towards a Global Scale Semantic Web -- Schema Mappings for the Web -- Triple Space Computing for Semantic Web Services – A PhD Roadmap -- Toward Making Online Biological Data Machine Understandable -- KeynoteAbstracts -- Where the Social Web Meets the Semantic Web -- The Semantic Web: Suppliers and Customers -- The Semantic Web and Networked Governance: Promise and Challenges.

Sommario/riassunto

“Evolve or perish” – this is the motto for living systems. Judging by this saying, the Web is alive and well: new sites and business ideas are coming online almost daily and are able to attract millions of users often. The more recently coined term “Web 2.0” summarizes many of the new developments, capturing efforts making the Web more interactive (like Ajax), more collaborative (like Wikis), or more relationship oriented (like online social networks), aiming to partially fulfill the original promise of the Web. These new Web developments offer an opportunity and challenge for the Semantic Web: what previously manifested itself mostly in “dry” specifications is now becoming the foundation for information exchange on the Web, creating a shared semantic information space. These and other challenges have been picked up by several hundred computer scientists, developers, vendors, government workers, venture capitalists, students, and users, gathered in Athens, Atlanta, USA, November 5–9, 2006, for the Fifth International Semantic Web Conference (ISWC 2006). Building on previous successful meetings in Sardinia, Sanibel Island, Hiroshima, and Galway, this sixth annual conference demonstrates new research results, technology, and applications that show current incarnations of the Semantic Web. Especially encouraging is the shift towards more applications—whereas the Research Track attracted roughly as many papers as in the previous year, the contributions submitted to the In-Use Track doubled.