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Titolo	The Semantic Web - ISWC 2008 : 7th International Semantic Web Conference, ISWC 2008, Karlsruhe, Germany, October 26-30, 2008, Proceedings // edited by Amit P. Sheth, Steffen Staab, Massimo Paolucci, Diana Maynard, Timothy Finin, Krishnaprasad Thirunarayan
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Collana	Information Systems and Applications, incl. Internet/Web, and HCI, , 2946-1642 ; ; 5318
Classificazione	54.89
Disciplina	025.0427
Soggetti	Computer engineering Computer networks Application software Data mining Multimedia systems Computer science Computer Engineering and Networks Computer Communication Networks Computer and Information Systems Applications Data Mining and Knowledge Discovery Multimedia Information Systems Computer Science Logic and Foundations of Programming
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 -- Involving Domain Experts in Authoring OWL Ontologies -- Supporting Collaborative Ontology Development in Protégé -- Identifying Potentially Important Concepts and Relations in an Ontology -- RoundTrip Ontology Authoring -- nSPARQL: A Navigational Language for RDF -- An Experimental Comparison of RDF Data Management Approaches in a SPARQL Benchmark Scenario -- Anytime Query Answering in RDF through Evolutionary Algorithms -- The Expressive Power of SPARQL -- Integrating Object-Oriented and

Ontological Representations: A Case Study in Java and OWL --
Extracting Semantic Constraint from Description Text for Semantic Web
Service Discovery -- Enhancing Semantic Web Services with Inheritance
-- Using Semantic Distances for Reasoning with Inconsistent
Ontologies -- Statistical Learning for Inductive Query Answering on
OWL Ontologies -- Optimization and Evaluation of Reasoning in
Probabilistic Description Logic: Towards a Systematic Approach --
Modeling Documents by Combining Semantic Concepts with
Unsupervised Statistical Learning -- Comparison between Ontology
Distances (Preliminary Results) -- Folksonomy-Based Collaborative
Learning -- Combining a DL Reasoner and a Rule Engine for Improving
Entailment-Based OWL Reasoning -- Improving an RCC-Derived
Geospatial Approximation by OWL Axioms -- OWL Datatypes: Design
and Implementation -- Laconic and Precise Justifications in OWL --
Learning Concept Mappings from Instance Similarity -- Instance-
Based Mapping between Thesauri and Folksonomies -- Collecting
Community-Based Mappings in an Ontology Repository -- Algebras of
Ontology Alignment Relations -- Scalable Grounded Conjunctive Query
Evaluation over Large and Expressive Knowledge Bases -- A Kernel
Revision Operator for Terminologies -- Algorithms and Evaluation --
Description Logic Reasoning with Decision Diagrams -- RDF123: From
Spreadsheets to RDF -- Evaluating Long-Term Use of the Gnowsis
Semantic Desktop for PIM -- Bringing the IPTC News Architecture into
the Semantic Web -- RDFS Reasoning and Query Answering on Top of
DHTs -- An Interface-Based Ontology Modularization Framework for
Knowledge Encapsulation -- On the Semantics of Trust and Caching in
the Semantic Web -- Semantic Web Service Choreography: Contracting
and Enactment -- Formal Model for Semantic-Driven Service Execution
-- Efficient Semantic Web Service Discovery in Centralized and P2P
Environments -- Exploring Semantic Social Networks Using Virtual
Reality -- Semantic Grounding of Tag Relatedness in Social
Bookmarking Systems -- Semantic Modelling of User Interests Based on
Cross-Folksonomy Analysis -- ELP: Tractable Rules for OWL 2 -- Term
Dependence on the Semantic Web -- Semantic Relatedness Measure
Using Object Properties in an Ontology -- Semantic Web in Use Track
-- Thesaurus-Based Search in Large Heterogeneous Collections --
Deploying Semantic Web Technologies for Work Integrated Learning in
Industry - A Comparison: SME vs. Large Sized Company -- Creating
and Using Organisational Semantic Webs in Large Networked
Organisations -- An Architecture for Semantic Navigation and
Reasoning with Patient Data - Experiences of the Health-e-Child
Project -- Requirements Analysis Tool: A Tool for Automatically
Analyzing Software Requirements Documents -- OntoNaviERP:
Ontology-Supported Navigation in ERP Software Documentation --
Market Blended Insight: Modeling Propensity to Buy with the Semantic
Web -- DogOnt - Ontology Modeling for Intelligent Domestic
Environments -- Introducing IYOUIT -- A Semantic Data Grid for
Satellite Mission Quality Analysis -- A Process Catalog for Workflow
Generation -- Inference Web inAction: Lightweight Use of the Proof
Markup Language -- Supporting Ontology-Based Dynamic Property and
Classification in WebSphere Metadata Server -- Towards a Multimedia
Content Marketplace Implementation Based on Triplespaces -- Doctoral
Consortium Track -- Semantic Enrichment of Folksonomy Tagspaces --
Contracting and Copyright Issues for Composite Semantic Services --
Parallel Computation Techniques for Ontology Reasoning -- Towards
Semantic Mapping for Casual Web Users -- Interactive Exploration of
Heterogeneous Cultural Heritage Collections -- End-User Assisted
Ontology Evolution in Uncertain Domains -- Learning Methods in

Sommario/riassunto

This book constitutes the refereed proceedings of the 7th International Semantic Web Conference, ISWC 2008, held in Karlsruhe, Germany, during October 26-30, 2008. The volume contains 43 revised full research papers selected from a total of 261 submissions, of which an additional 3 papers were referred to the semantic Web in-use track; 11 papers out of 26 submissions to the semantic Web in-use track, and 7 papers and 12 posters accepted out of 39 submissions to the doctoral consortium. The topics covered in the research track are ontology engineering; data management; software and service engineering; non-standard reasoning with ontologies; semantic retrieval; OWL; ontology alignment; description logics; user interfaces; Web data and knowledge; semantic Web services; semantic social networks; and rules and relatedness. The semantic Web in-use track covers knowledge management; business applications; applications from home to space; and services and infrastructure.
