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	Nota di contenuto	Services and Software Track -- A Model of User Preferences for Semantic Services Discovery and Ranking -- Towards Practical Semantic Web Service Discovery -- iSeM: Approximated Reasoning for Adaptive Hybrid Selection of Semantic Services -- Measures for Benchmarking

Semantic Web Service Matchmaking Correctness -- Efficient Semantic Event Processing: Lessons Learned in User Interface Integration -- Usage Policies for Document Compositions -- Social Web Track -- The Impact of Multifaceted Tagging on Learning Tag Relations and Search -- OKBook: Peer-to-Peer Community Formation -- Acquiring Thesauri from Wikis by Exploiting Domain Models and Lexical Substitution -- Efficient Semantic-Aware Detection of Near Duplicate Resources -- Guarding a Walled Garden — Semantic Privacy Preferences for the Social Web -- Using Social Media for Ontology Enrichment -- Representing Distributed Groups with d g FOAF -- Semantics, Sensors, and the Social Web: The Live Social Semantics Experiments -- Web of Data Track -- LESS - Template-Based Syndication and Presentation of Linked Data -- Hierarchical Link Analysis for Ranking Web Data -- A Node Indexing Scheme for Web Entity Retrieval -- Object Link Structure in the Semantic Web -- ExpLOD: Summary-Based Exploration of Interlinking and RDF Usage in the Linked Open Data Cloud -- Combining Query Translation with Query Answering for Efficient Keyword Search -- Improving the Performance of Semantic Web Applications with SPARQL Query Caching -- An Unsupervised Approach for Acquiring Ontologies and RDF Data from Online Life Science Databases -- Leveraging Terminological Structure for Object Reconciliation -- Usability of Keyword-Driven Schema-Agnostic Search -- Demo and Poster Track -- Collaborative Semantic Points of Interests -- Publishing Math Lecture Notes as Linked Data -- GoNTogle: A Tool for Semantic Annotation and Search -- A Software Tool for Visualizing, Managing and Eliciting SWRL Rules -- A Knowledge Infrastructure for the Dutch Immigration Office -- Verifying and Validating Multi-layered Models with OWL FA Toolkit -- What's New in WSMX? -- OntoFrame S3: Semantic Web-Based Academic Research Information Portal Service Empowered by STAR-WIN -- Rapid Prototyping a Semantic Web Application for Cultural Heritage: The Case of MANTIC -- Hey! Ho! Let's Go! Explanatory Music Recommendations with dbrec -- PossDL — A Possibilistic DL Reasoner for Uncertainty Reasoning and Inconsistency Handling -- PoolParty: SKOS Thesaurus Management Utilizing Linked Data -- DSMW: Distributed Semantic MediaWiki -- TrOWL: Tractable OWL 2 Reasoning Infrastructure -- Making the Semantic Data Web Easily Writeable with RDFauthor -- BioNav: An Ontology-Based Framework to Discover Semantic Links in the Cloud of Linked Data -- StarLion: Auto-configurable Layouts for Exploring Ontologies -- PhD Symposium -- Concept Extraction Applied to the Task of Expert Finding -- Towards Trust in Web Content Using Semantic Web Technologies -- The Semantic Gap of Formalized Meaning -- A Contextualized Knowledge Framework for Semantic Web -- Computational and Crowdsourcing Methods for Extracting Ontological Structure from Folksonomy -- Debugging the Missing Is-A Structure of Networked Ontologies -- Global Semantic Graph as an Alternative Information and Collaboration Infrastructure -- Scalable and Parallel Reasoning in the Semantic Web -- Exploring the Wisdom of the Tweets: Towards Knowledge Acquisition from Social Awareness Streams -- Two Phase Description Logic Reasoning for Efficient Information Retrieval.

Sommario/riassunto	This volume contains papers from the technical program of the 7th Extended Semantic Web Conference (ESWC 2010), held from May 30 to June 3, 2010, in Heraklion, Greece. ESWC 2010 presented the latest results in research and applications of Semantic Web technologies. ESWC 2010 built on the success of the former European Semantic Web Conference series, but sought to extend its focus by engaging with other communities within and outside Information and Communication Technologies, in which semantics can play an important role. At the

same time, ESWC has become a truly international conference. Semantics of Web content, enriched with domain theories (ontologies), data about Web usage, natural language processing, etc., will enable a Web that p- vides a qualitatively new level of functionality. It will weave together a large network of human knowledge and make this knowledge machine-processable. Various automated services, based on reasoning with metadata and ontologies, will help the users to achieve their goals by accessing and processing infor- tion in machine-understandable form. This network of knowledge systems will ultimately lead to truly intelligent systems, which will be employed for va- ous complex decision-making tasks. Research about Web semantics can bene?t from ideas and cross-fertilization with many other areas: arti?cial intelligence, natural language processing, database and information systems, information - trieval, multimedia, distributed systems, social networks, Web engineering, and Web science.