

1. Record Nr.	UNISA996465288703316
Titolo	Semantic Techniques for the Web [[electronic resource] ] : The REVERSE Perspective // edited by Francois Bry, Jan Maluszynski
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2009
ISBN	3-642-04581-2
Edizione	[1st ed. 2009.]
Descrizione fisica	1 online resource (XV, 377 p.)
Collana	Information Systems and Applications, incl. Internet/Web, and HCI ; ; 5500
Classificazione	DAT 616f SS 4800
Disciplina	005.7
Soggetti	Application software Information storage and retrieval Artificial intelligence Computer communication systems Data mining Information technology Business—Data processing Information Systems Applications (incl. Internet) Information Storage and Retrieval Artificial Intelligence Computer Communication Networks Data Mining and Knowledge Discovery IT in Business
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	Hybrid Reasoning with Rules and Ontologies -- Four Lessons in Versatility or How Query Languages Adapt to the Web -- Evolution and Reactivity in the Semantic Web -- Rule-Based Policy Representations and Reasoning -- Component Models for Semantic Web Languages -- Controlled English for Reasoning on the Semantic Web -- Semantic Search with GoPubMed -- Information Integration in Bioinformatics with Ontologies and Standards.

The objective of this state-of-the-art survey is to give a coherent overview of the main topics and results achieved by the Network of Excellence REVERSE on "Reasoning on the Web", funded by the European Commission and Switzerland within the "6th Framework Programme" (FP6), from 2004 to 2008. The material has been organized into eight chapters, each of which addresses one of the main topics of REVERSE: hybrid reasoning with rules and ontologies, lessons in versatility or how query languages adapt to the Web, evolution and reactivity in the Semantic Web, rule-based policy representations and reasoning, component models for Semantic Web languages, controlled English for reasoning on the Semantic Web, semantic search with GoPubMed, and information integration in bioinformatics with ontologies and standards. Each chapter gives an in-depth coverage of the subject and provides an extensive bibliography with pointers to further literature.

---