1.	Record Nr.	UNINA9910780292103321
	Titolo	The emerging semantic web [[electronic resource]] : selected papers from the first Semantic Web Working Symposium / / edited by Isabel Cruz ... [et al.]
	Pubbl/distr/stampa	Amsterdam ; ; Washington, DC, : IOS Press Tokyo, : Ohmsha, c2002
	ISBN	1-60129-464-6 600-00-0575-X 9786610505500 1-280-50550-8
	Descrizione fisica	1 online resource (308 p.)
	Collana	Frontiers in artificial intelligence and applications, , 0922-6389 ; ; v. 75
	Altri autori (Persone)	CruzIsabel F
	Disciplina	025.04
	Soggetti	Semantic Web
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Description based upon print version of record.
	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	""Cover""; ""Title page""; ""Foreword""; ""Contents""; ""UML and the Semantic Web""; ""Metamodeling Architecture of Web Ontology Languages""; ""RDF M&S Revisited: From Reification to Nesting, from Containers to Lists, from Dialect to Pure XML""; ""Describing Computation within RDF""; ""Semantic Web Modeling and Programming with XDD""; ""Industrial Strength Ontology Management""; ""The Semantic Web as ""Perfection Seeking"": A View from Drug Terminology""; ""DAML-S: Semantic Markup for Web Services""; ""Searching for Services on the Semantic Web Using Process Ontologies"" ""CREAting relational Metadata (CREAM) a€? A Framework for Semantic Annotation""""Indexing a Web Site with a Terminology Oriented Ontology""; ""A Framework for Ontology Integration""; ""A Scalable Framework for the Interoperation of Information Sources""; ""Overcoming Ontology Mismatches in Transactions with Self-Describing Service Agents""; ""An Infrastructure for Formally Ensuring Interoperability in a Heterogeneous Semantic Web""; ""Towards Semantic Interoperability in Agent-Based Coalition Command

Systems""; ""Object Interoperability for Geospatial Applications: A Case Study""

Sommario/riassunto	The Semantic Web is a Web defined and linked in a way that it can be used by machines not just for display purposes, but also for automation, integration and reuse of data across various applications. In order for computers to provide more help to people, the Semantic Web augments the current Web with formalized knowledge and data that can be processed by computers. It thus needs a language for expressing knowledge. This knowledge is used to describe the content of information sources, through ontologies, and the condition of operation of Web services. This work presents the state-of-the-art i