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Collana	Semantic web and beyond : computing for human experience, , 1559-7474
Altri autori (Persone)	HeppMartin
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Soggetti	Semantic Web Ontologies (Information retrieval) Semantic integration (Computer systems)
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	I. Overview -- II. Infrastructure -- III. Evolution, alignment, and the business perspective -- IV. Experiences.
Sommario/riassunto	Managing ontologies and annotated data throughout their life-cycles is at the core of semantic systems of all kinds. Ontology Management, an edited volume by senior researchers in the field, provides an up-to-date, concise and easy-to-read reference on this topic. This volume describes relevant tasks, practical and theoretical challenges, limitations and methodologies, plus available software tools. The editors discuss integrating the conceptual and technical dimensions with a business view on using ontologies, by stressing the cost dimension of ontology engineering and by providing guidance on how up-to-date tooling helps to build, maintain, and use ontologies. Also included is a one-stop reference on all aspects of managing ontological data and best practices on ontology management for a number of application domains. Ontology Management is designed as a reference or secondary text for researchers and advanced-level students

interested in the Semantic Web, Semantic Web Services (SWS) and Web Services, information systems, data and knowledge engineering, ontologies, or other aspects of semantic systems. Practitioners in industry will find this work invaluable as well. Foreword by Professor Dieter Fensel, DERI, University of Innsbruck. .
