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Altri autori (Persone)	BusslerChristoph TannenVal <1953-> FundulakiIrini
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Nota di contenuto	Service Oriented Computing: Opportunities and Challenges -- Data Semantics Revisited -- Dynamic Agent Composition from Semantic Web Services -- Ontology-Extended Component-Based Workflows : A Framework for Constructing Complex Workflows from Semantically Heterogeneous Software Components -- Data Procurement for Enabling Scientific Workflows: On Exploring Inter-ant Parasitism -- XSDL: Making XML Semantics Explicit -- Refining Semantic Mappings from Relational Tables to Ontologies -- Triadic Relations: An Algebra for the Semantic Web -- Semantically Unlocking Database Content

Through Ontology-Based Mediation -- Representation and Reasoning About Changing Semantics in Heterogeneous Data Sources -- Context Mediation in the Semantic Web: Handling OWL Ontology and Data Disparity Through Context Interchange -- HCOME: A Tool-Supported Methodology for Engineering Living Ontologies -- Query Answering by Rewriting in GLAV Data Integration Systems Under Constraints -- Utilizing Resource Importance for Ranking Semantic Web Query Results -- Querying Faceted Databases -- Constructing and Querying Peer-to-Peer Warehouses of XML Resources.

| Sommario/riassunto | This book constitutes the thoroughly refereed postproceedings of the Second International Workshop on Semantic Web and Databases, SWDB 2004, held in Toronto, Canada in August 2004 as a satellite workshop of VLDB 2004. The 14 revised full papers presented together with 2 papers by the invited keynote speakers were carefully selected during two rounds of reviewing and improvement from 47 submissions. Among the topics addressed are data semantics, semantic Web services, service-oriented computing, workflow composition, XML semantics, relational tables, ontologies, semantic Web algebra, heterogeneous data sources, context mediation, OWL, ontology engineering, data integration, semantic Web queries, database queries, and peer-to-peer warehouses. |