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Refinement in SemSearchPro; Process-oriented Schema-agnostic Search Systems; Close Environment: Single-Source Search in Semantic Wiki; Open Environment: Multi-Source Search on Linked Open Data; Beyond Search: Interacting with Linked Open Data
Process-oriented Schema-agnostic Search User Study Evaluation Setting; Tasks; System and Data; Effectiveness; Efficiency; Usefulness; Conclusions; Chapter 5. Query Construction and Refinement; Introduction; Schema-agnostic Query Construction and Refinement Approaches; Keyword-driven Schema-agnostic Search; Keyword-driven Schema-agnostic Search Process; Keyword Search and Resource-based Browsing; Keyword Search and Facet-based Browsing & Search; Keyword Search and Result Completion; Keyword Search and Query Completion; Schema-agnostic Query Construction in SemSearchPro; Overview of the Approach
Offline Data Indexing Offline Data Scoring; Online Query Translation; Comparison to Related Work; An Empirical Study of Query Construction and Refinement; Evaluation of Query Construction in SemSearchPro; Evaluation of Schema-agnostic Construction & Refinement Approaches; Conclusions; Chapter 6. Query Processing; Introduction; Schema-agnostic Query Processing Approaches; Schema-agnostic Query Processing Using Structure Index; Optimized Query Processing Using Structure Index; Schema-agnostic Query Processing in SemSearchPro; The Query Processing Problem
The State of the Art in RDF Data Management

Sommario/riassunto

The book is composed of two main parts. The first part is a general study of Semantic Web Search. The second part specifically focuses on the use of semantics throughout the search process, compiling a big picture of Process-oriented Semantic Web Search from different pieces of work that target specific aspects of the process. In particular, this book provides a rigorous account of the concepts and technologies proposed for searching resources and semantic data on the Semantic Web. To collate the various approaches and to better understand what the notion of Semantic Web Search entails, this bo
