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	A Semantic Approach for Enterprise 2.0; Introduction; Collaboration in the Enterprise: the Athena Project; Motivations and Goals; The Hermes Platform; RSS for Information Integration and Sharing; Weblogs for Content Publishing; Wikis for Collaborative Knowledge Management; Document Annotation and Information Retrieval; Overall Integration of the Services; Usage Statistics; Issues of Enterprise 2.0 Ecosystems Information Fragmentation and Heterogeneity of Data SourcesKnowledge Capture and Re-use; Tags, Folksonomies and Information Retrieval; Ambiguity Issues; Heterogeneity Issues; Lack of Organisation; Clustering Approaches and their Limits; Summary of the Different Issues; SemSLATES: A Semantic Ecosystem for Enterprise 2.0; The SemSLATES Methodology; A Social Semantic Middleware Architecture; Representation Models, Services and Adaptors; Producing Socio-structural Metadata From Existing Services; Knowledge Capture and Ontology Population; Tagging and Semantic Indexing Enhancing User Experience through Additional Services using RDF DataRelated Work and Relevance of our Approach; Conclusion; Chapter 3. Ontologies for Enterprise 2.0; Introduction; Modelling Socio- structural Metadata for Web 2.0 Services with SIOC; Motivations; Related Work; The SIOC Ontology; Main Classes and Properties of SIOC; The SIOC Modules; Relationships and Alignment with Existing Vocabularies; DublinCore; FOAF; RSS 1.0; SKOS; SIOC, FOAF and Social Data Portability; Evaluation; Modelling Domain Ontologies; Requirements; Representing Agents Using FOAF and Extensions Representing Geolocation
Sommario/riassunto	In this book, we detail different theories, methods and implementations combining Web 2.0 paradigms and Semantic Web technologies in Enterprise environments. After introducing those terms, we present the current shortcomings of tools such as blogs and wikis as well as tagging practices in an Enterprise 2.0 context. We define the SemSLATES methodology and the global vision of a middleware architecture based on Semantic Web technologies and Linked Data principles (languages, models, tools and protocols) to solve these issues. Then, we detail the various ontologies that we build to achieve this g