Preface

The spread of daily increasing amounts of data, appropriately structured to be easily machine-processable on the Web according to semantics-oriented formats (e.g. RDF, RDFS, OWL), has inspired new research issues that can be summarized as (i) efficient and effective storage, (ii) feasible querying and reasoning, and (iii) practical usage of semantic data in real world scenarios. In this book, we lay the foundations to face such issues. The book ambition is to present and analyze the techniques for semantic information management, by taking advantage of the synergisms between the logical basis of the Semantic Web and the logical foundations of Data Management.

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