



## **Ontology Learning from Text: Methods, Evaluation and Applications**

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Edited by: P. Buitelaar, P. Cimiano and B. Magnini

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This volume brings together ontology learning, knowledge acquisition and other related topics. It presents current research in ontology learning, addressing three perspectives. The first perspective looks at *methodologies* that have been proposed to automatically extract information from texts and to give a structured organization to such knowledge, including approaches based on machine learning techniques. Then there are *evaluation* methods for ontology learning, aiming at defining procedures and metrics for a quantitative evaluation of the ontology learning task; and finally *application* scenarios that make ontology learning a challenging area in the context of real applications such as bio-informatics. According to the three perspectives mentioned above, the book is divided into three sections, each including a selection of papers addressing respectively the methods, the applications and the evaluation of ontology learning approaches.

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Ontology and Information Extraction: A Necessary Symbiosis/ *C. Nédellec and A. Nazarenko*

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