Special Issue

Ontologies, Ontology Development and Evaluation

Message from the Guest Editors

According to Gruber, an ontology is a specification of a conceptualization. Ontologies play a key role in the development of the semantic web as they attempt to represent entities, ideas and events, and offer a way of semantically uplifting the available data, with their quality and value becoming augmented over time. For this Special Issue of *Algorithms*, we would like to invite authors to contribute articles dealing with the design, implementation and usage of various ontologies addressing real world problems and also methodologies guiding ontology development. Of particular interest are methodologies and systems proposed for evaluating the available ontologies, leading to better structured and higher quality ontologies in the long term.

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Message from the Editor-in-Chief

Algorithms are the very core of Computer Science. The whole area has been considered from quite different perspectives, having led to the development of many sub-communities: Complexity theory (limitations), approximation or parameterized algorithms (types of problems), geometric algorithms (subject area), metaheuristics, algorithm engineering, medical imaging (applications), indicates the range of perspectives. Our journal welcomes submissions written from any of these perspectives, so that it may become a forum for exchange of ideas between the corresponding scientific subcommunities.

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