Preface

OWL is a logic-based ontology language standard designed to promote interoperability, particularly in the context of the (Semantic) Web. The standard has encouraged the development of numerous OWL reasoning systems, and such systems are already key components of many applications.

The goal of this workshop is to bring together both developers and users of reasoners for (subsets of) OWL, including systems focusing on both intensional (ontology) and extensional (data) query answering.

The workshop provided several datasets to evaluate the standard tasks of the reasoning systems. Furthermore, participants also had the possibility to submit their systems using the SEALS platform[1] in order to obtain standardised evaluations.

There were 16 papers submitted each of which was reviewed by at least three members of the program committee or additional reviewers. The program committee selected 14 papers for oral and poster presentation. Four reasoning systems were also submitted to the SEALS platform for evaluation: HermiT, FaCT++, jcel and WSReasoner. The evaluation results will be discussed with the authors during the workshop and published online shortly after it.[2]

Acknowledgements

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[1] http://www.seals-project.eu/
[2] http://www.cs.ox.ac.uk/isg/conferences/ORE2012/

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