

SHORT TERM SCIENTIFIC MISSION

Scientific Report

Purpose of the STSM: The main objective for the STSM was to work out a formal semantics of a query language for annotated RDFS graphs, which have been developed as a joint work and will be published at AAAI 2010 conference. The query language has been inspired by SPARQL, the de facto standard query language for RDFS graphs.

Description of the work carried out during the STSM: Starting from the query language SPARQL, we have defined the formal semantics of a query language for annotated RDFS. The activity has been carried out by joint daily working meetings at DERI Galway. Additionally, a talk has been given at June 11th at DERI Galway.

Description of the main results obtained: The main result is the definition of the query language AnQL for annotated RDFS graphs.

Foreseen publications/articles resulting or to result from the STSM: The outcome of this joint work is a technical report covering the scientific work of the joint activity. It is planned to submit a paper to the ISWC 2010 conference and an overall paper to a journal.

Future collaboration with host institution: Joint future activities have already been planned involving other groups at DERI as well (e.g., with Siegfried Handschuh Siegfried.Handschuh@deri.org).

Dr. Umberto Straccia
ISTI – CNR
Via G. Moruzzi, 1
56124 Pisa
ITALY