A survey of verbalising OWL in controlled natural languages

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Abstract

OWL, the Web Ontology Language, is not considered as a human-readable syntax because OWL is designed to be read by machines with a normative syntax based on RDF and XML, which both are extremely difficult to read and write for human beings. In order to help people read and understand OWL, an approach providing a less-logic and English-like syntax to replace OWL has been developed. As a result, a number of controlled English for representing OWL/ontologies have been developed. This thesis is concerned with the design and analysis of findings of a survey that serves as a tool to investigate which controlled English syntax is more suitable to read and understand for people who are not experts in OWL.