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Title: «STTL: a Transformation Language for Linked Data RDF graphs »

Abstract:

The RDF standard provides us with a general purpose graph-oriented data model recommended by the W3C to represent and interchange data on the Web. While the potential of a world-wide Semantic Web of Linked Data is now widely recognized, the transformation and presentation of RDF data is still an open issue.

For this purpose, we have designed and developed STTL, SPARQL Template Transformation Language, a generic transformation rule language for RDF which is an extension of the SPARQL query language.

We present the STTL language, a Web server provided with a STTL transformation engine and some applications among which hypertext navigators for the Web of Linked Data.