

RDF is one of the basic building blocks of the Semantic web. RDF/XML was designed to be the primary form of serializing RDF. It has a complex and hard to read syntax which lead to creation of several alternatives, that are usually human readable but incompatible with the other alternatives. The goal of the thesis is to create a conversion tool for various RDF serialization formats, e.g. RDF/XML, Turtle, N3, and N-Triples. The tool must correctly handle all of the advanced syntax of the languages on the input side. Support for these shortcuts in output is not required. The implementation should be focused on high performance and correct Unicode handling.