SPOI as the Exchange Format of Point-located Geo-Data

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The Smart Points of Interest (SPOI) is a real example of Linked Open Geo-Data. The contemporary version contains about 28 millions of data objects from various domains. One of the most important benefits of the SPOI consists in the development and maintenance of the uniform and flexible data model. It is built upon the existing RDF vocabularies such as SKOS (Simple Knowledge Organization System), Dublin Core Terms, ISA Programme Location Core Vocabulary or FOAF (Friend of a Friend). The data model enables to describe not only properties of each point-located object but also to formalize feature metadata and connections of each data object to other entities in external datasets based on Linked Data principles. The goal of this contribution is to introduce the SPOI data model and to discuss its potential to be used as an exchange format for geo-data.