Open Data as an Enabler for Development in Computational Linguistics

The Working Group for Open Data in Linguistics

Technical Background

Before coming to the description of the ODL and its activities, we give a brief introduction of the technologies and terminological conventions applied throughout this article, in particular the notions of ODL, RDF, and the concept of Linked Data.

The Resource Description Framework (RDF, Kalye et al., 2004) was originally invented to provide formal means to describe any resources, both digital (e.g., libraries) and, and online (e.g., RDF descriptions in an electronic archive).

The data structures provided by ODL were therefore generated, in principle, by the RDF and its extensions. Each data structure is represented as an RDF graph, consisting of a node and an object, which are linked to a subject and an object, respectively, and the literal that is the subject or the object of the RDF graph.

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