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Using the LLOD cloud for Querying Linguistic Resources and Geospatial Mapping

Steven Moran [a], Richard Littauer [b,c] and Boris Villazon-Terrazas [d]
[a] *Research Unit Quantitative Language Comparison, Ludwig Maximilian University, Geschwister Scholl Platz 1, D-80539 Munich, Germany*
E-mail: bambooforest@gmail.com
[b] *Department of Intelligent Computer Systems, University of Malta, Msida, MSD2080, Malta*
[c] *Computational Linguistics Department, Saarland University, Saarbrücken, 66121, Germany*
E-mail: littauer@coli.uni-saarland.de
[d] *Intelligent Software Components, iSOCO, S.A., Av. del Partenon 16-18, Madrid, Spain*
E-mail: bvillazon@isoco.com

Abstract. We present two uses of the Linguistics Linked Open Data (LLOD) cloud. First, we present the SPARQL endpoint for the LLOD, the largest linked data cloud for open linguistics currently available. We showcase how to query for language resources within the cloud, with example queries. Second, we present a way to visualise geospatial information, either by using a self-maintained spreadsheet and map4rdf, or by querying the LLOD. We present two examples; first, a spreadsheet with lexical and geospatial information for the Dogon languages of West Africa, and secondly, query results for languages with geospatial information listed in the World Atlas of Language Structure. It is hoped that the work presented here will expedite LLOD use by researchers.

Keywords: Semantic Web, Linked Data, LLOD, Linguistics, Typology, Language Resources, Geospatial Mapping