

Second Call for Papers / Deadline Extension: July 7th, 2013

## **2nd Workshop on Linked Data in Linguistics (LDL-2013): Representing and linking lexicons, terminologies and other language data**

September 23rd 2013, Pisa, Italy

Collocated with the 6th Conference on Generative Approaches to the Lexicon (GL2013)

The explosion of information technology has led to a substantial growth in quantity, diversity and complexity of linguistic data accessible over the internet. The lack of interoperability between linguistic and language resources represents a major challenge that needs to be addressed, in particular, if information from different sources is to be combined, like, say, machine-readable lexicons, corpus data and terminology repositories. For these types of resources, domain-specific standards have been proposed, yet, issues of interoperability between different types of resources persist, commonly accepted strategies to distribute, access and integrate their information have yet to be established, and technologies and infrastructures to address both aspects are still under development.

The goal of the workshop is to assemble researchers from various fields of linguistics, natural language processing, and information technology to present and discuss **principles, case studies, and best practices** for representing, publishing and linking linguistic data collections, including corpora, dictionaries, lexical networks, translation memories, thesauri, etc., infrastructures developed on that basis, their use of existing standards, and the publication and distribution policies that were adopted.

We particularly invite contributions discussing the application of the **Linked Open Data paradigm** to linguistic data as it might provide an important step towards making linguistic data: i) easily and uniformly queryable, ii) interoperable and iii) sharable over the Web using open standards such as the HTTP protocol and the RDF data model [1]. Recent research in this direction has led to the emergence of a Linked Open Data cloud of linguistic resources, the **Linguistic Linked Open Data (LLOD) cloud**, where Linked Data principles were applied to language resources, allowing them to be published and linked in a principled way [2]. Although not restricted to lexical resources, these play a particularly prominent role in this context [3].

The **intended audience** includes computational linguists and NLP engineers interested in the application of Semantic Web formalisms and related technologies to language data, empirically-working linguists and lexicographers interested in the representation, exchange and interlinking of linguistic data and metadata, and developers of infrastructures for linguistic data and other researchers with an interest in both aspects.

## **Background and History**

LDL-2013 is organized in the context of two recent community efforts, the Open Linguistics Working Group of the Open Knowledge Foundation (OWLG), and the W3C Ontology-Lexica Community Group. The Open Linguistics Working Group has spearheaded the creation of new data and the republishing of existing linguistic resources as linked open data. Similarly, the W3C Ontology-Lexica Community Group is seeking to develop standard models for representing and publishing (ontology-) lexica and other lexical resources as RDF.

The workshop is continuing a series of workshops on the application of the Linked Data paradigm to linguistic data that have been initiated and organized by the Open Linguistics Working Group: The First Workshop on Linked Data in Linguistics (LDL-2012) was conducted in March 2012 at the University of Frankfurt am Main/Germany, and collocated with the 34th Annual Meeting of the German Linguistics Society (DGfS-2012). The Workshop on Multilingual Linked Open Data for Enterprises (MLODE-2012) was conducted in September 2012 at the University of Leipzig/Germany, and collocated with the 3rd Conference on Software Agents and Services for Business, Research and E-Science (SABRE-2012). We intend to continue both series of workshops, with LDL workshops being attached to (computational) linguistic venues, and MLODE workshops co-located with information technology events.

## **Topics of Interest**

We invite contributions related (but not limited) to the following topics:

1. Use cases and project proposals for the creation, maintenance and publication of linguistic data collections that are linked with other resources
2. Modelling linguistic data and metadata with OWL and/or RDF
3. Ontologies for linguistic data and metadata collections
4. Applications of such data, other ontologies or linked data from any subdiscipline of linguistics (may include work in progress or project descriptions)
5. Descriptions of data sets, ideally following Linked Data principles
6. Legal and social aspects of Linguistic Linked Open Data

## Submission & Publication

We accept submission of both long (up to 8 pages plus 2 pages for references) and short papers (up to 4 pages plus 2 pages for references) to be presented as long or short oral presentation at the workshop. The papers of the workshop will be published as CEUR proceedings. In addition, we aim for a journal special issue as post-conference proceedings in which a selected amount of papers presented at the workshop will be published.

For stylesheets and up to date submission and workshop details, please consult our website:

<http://www.ldl2013.org>.

## Timeline

Submission deadline:	July 7th, 2013	<del>June 23rd, 2013</del>
Notification of acceptance:	July 25th, 2013	<del>July 15th, 2013</del>
Camera-ready paper:	August 30th, 2013	
Workshop:	September 23rd, 2013	

## Organizers

Philipp Cimiano	(Universität Bielefeld, Germany)
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John McCrae	(Universität Bielefeld, Germany)
Thierry Declerck	(Deutsches Forschungsinstitut für Künstliche Intelligenz, Germany)

## **Program Committee**

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## References

- [1] Chiarcos, C., J. McCrae, P. Cimiano, C. Fellbaum (2013), Towards open data for linguistics: Lexical Linked Data. In: Oltramari et al. (eds.) *New Trends of Research in Ontologies and Lexical Resources*. Springer, Heidelberg.
- [2] Chiarcos, C., S. Nordhoff, S. Hellmann (2012, eds.), *Linked Data in Linguistics. Representing and Connecting Language Data and Language Metadata*, Springer, Heidelberg.
- [3] Oltramari, A., P. Vossen, L. Qin, L., E. Hovy (2013, eds.), *New Trends of Research in Ontologies and Lexical Resources*, Springer, Heidelberg.