

BISE – Call for Papers Issue 5/2016

Linked Data in Business

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1 Special Focus Issue

The Linked Data concept was first coined in 2006 is meanwhile gaining importance both from theoretical and practical perspective. Several European research projects have paved the way for more advanced business applications. For

a wider adoption by enterprises several higher-level challenges have to be overcome.

There is a common misunderstanding concerning enterprise data – linked not necessarily means open. Internal company data linked to open data can still be private. This way enterprises gain additional value by extension, enhancements and verification of own data against external sources. Still the biggest challenge is quality. Current linked open data datasets, including the flagship DBpedia, are only partially suited for commercial applications. Building business around them requires advanced methods for maintenance and quality assurance, e.g., data service levels.

In this special focus issue on “Linked Data in Business” we would like to focus on research that studies the exploitation of linked data in economics and management. Enterprises can integrate data and discover new insights more easily and this can lead to the emergence of new products and services. They will also be able to solve business challenges in new ways. For this to come true the linked data exploration seems to be the next big step. Through the integration of private data and linked open data as well as through the combination of structured and originally unstructured data added-value chains can be established. Soon, we will observe groundbreaking business models accommodating findings in the above areas.

In the context of the above, the following topics are of special interest:

- data extraction, mapping, publishing (i.e., triplification) and linking methods
- data cataloging
- datasets retrieval

- language technologies for linked data
- business vocabularies
- geographical linked data
- enterprise data integration
- linked data mining and analytics

2 Submission Guidelines

Please submit papers for all article types in the category “BISE – Linked Data in Business” via the journal’s submission system (<http://www.editorialmanager.com/buis/>). Please observe the instructions regarding the format and size of contributions to Business & Information Systems Engineering (BISE)/WIRTSCHAFTSINFORMATIK. Submissions are accepted in English only. Papers should not exceed 50,000 characters including spaces, minus 5,000 characters per page for illustrations. Detailed authors’ guidelines can be downloaded from <http://www.bise-journal.org/>.

All papers will be reviewed anonymously (double-blind process) by several referees with regard to relevance, originality, and research quality. In addition to the editors of the journal, including those of this special focus, distinguished national and international professionals with scientific and practical backgrounds will be involved in the review process.

3 Schedule

- Paper submission deadline: 2015-11-01
- Author notification: 2016-01-10
- Completion of first revision: 2016-02-28
- Completion of a second revision: 2016-05-23
- Planned publication: October 2016