Collaborative Project

LOD2 – Creating Knowledge out of Interlinked Data

Project Number: 257943  Start Date of Project: 01/09/2010  Duration: 48 months

Deliverable 12.5.2

Project Fact Sheet Version 2

<table>
<thead>
<tr>
<th>Dissemination Level</th>
<th>Public</th>
</tr>
</thead>
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<td>Due Date of Deliverable</td>
<td>Month 12, 31/08/2011</td>
</tr>
<tr>
<td>Actual Submission Date</td>
<td>09/09/2011</td>
</tr>
<tr>
<td>Work Package</td>
<td>WP12, Project Management</td>
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<tr>
<td>Task</td>
<td>T5</td>
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<tr>
<td>Type</td>
<td>Report</td>
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<tr>
<td>Approval Status</td>
<td>Approved</td>
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<tr>
<td>Version</td>
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</tr>
<tr>
<td>Number of Pages</td>
<td>5</td>
</tr>
<tr>
<td>Filename</td>
<td>D12.52_Project_Fact_Sheet_Version_2.doc</td>
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Abstract:
This deliverable reports on the updated leaflet produced for the LOD2 project.

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History

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<th>Revised by</th>
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<td>0.1</td>
<td>08/09/2011</td>
<td>First Draft</td>
<td>Nadine Jänicke</td>
</tr>
<tr>
<td>1.0</td>
<td>09/09/2011</td>
<td>Final revision</td>
<td>Sören Auer</td>
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Executive Summary

In order to facilitate LOD2 project dissemination, we produced a project fact sheet in the form of a leaflet at the launch of the project. This leaflet has recently been updated with respect to the upcoming launch of the LOD2-Enlarged EU objective (288176).

The LOD2 leaflet was originally designed and written by ULEI and edited by each partner. The updated version has again been produced by ULEI and extended by the names and logos of the new LOD2 partners. Another software logo was added, representing the semantic annotation toolkit \textit{COAT} notably used by the new partner KAIST (Korea Advanced Institute of Science and Technology) within the project. The passage on use case III “Linked Governmental Data” has also been slightly revised and extended by ULEI and the new partner UEP (University of Economics, Prague) to represent the novel contribution made by WP9a in the area of Public Sector Contracts. No further revisions have been made otherwise.

The new leaflet will be printed with a run of 10,000 copies and be distributed at the upcoming LOD2 plenary meeting (19-20 September 2011) in Leuven, Belgium. Every partner will again be given a box of copies for distribution at LOD2-relevant events that they organize or participate in within the following months of the project. In this way, the leaflet serves distinctly the project’s dissemination objectives.

The new leaflet version will also be available for download from the project management platform EMDESK as well as from the project’s website. Here, a press corner has been created including various dissemination materials. In addition to the updated leaflet, the presently available general presentation and the website itself will equally be revised and adapted within a short time.

Further versions of all these materials, in particular of the leaflet, will be created as the project develops.
The Linked Open Data (LOD) Web

What is Linked Data?
The term Linked Data refers to a set of best practices for publishing and connecting pieces of data, information and knowledge on the Web. Key technologies that Linked Data builds on are Universal Resource Identifiers (URIs) for identifying entities or concepts in the world, the generic graph-based RDF data model for structuring and linking descriptions of things in the world and the HyperText Transfer Protocol (HTTP) for retrieving resources, or descriptions of resources.

Once traditional Web sites are enriched and complemented with Linked Data descriptions, search engines, mashups or personal agents can use and integrate information in previously unforeseen ways.

LOD2

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Updated: 09/2011

Collaborative Project  
2010 – 2014

In Information and Communication Technologies

Creating Knowledge out of Interlinked Data

Research and development of novel, innovative Semantic Data Web technologies  
Expansion and integration of openly accessible and interlinked data on the Web  
Adoption and implementation of Linked Data for media, enterprise and government

http://lod2.eu  
http://Lod2.eu
**Project Summary**

The semantic web activity has gained momentum with the widespread publishing of structured data as RDF. The LOD2 project builds on this, aiming to address some of the key challenges in this area, including:

1. **Improving Coherence and Quality of Data**: Enhancing data quality by using the LOD2 Stack to create a more consistent and coherent dataset.
2. **Closing the Performance Gap**: Improving the performance of data processing and retrieval using the LOD2 Stack.
3. **Establishing Trust**: Building trust in the LOD2 Stack through rigorous validation and testing.
4. **Innovating Data Integration**: Developing new approaches to data integration using the LOD2 Stack.

**The LOD2 Consortium**

- **Universität Leipzig**, Germany
- **CWI**, Netherlands
- **National University of Ireland in Galway**, Ireland
- **Freie Universität Berlin**, Germany
- **Opencorc**, United Kingdom
- **Semantic Web Company**, Austria
- **Tenforce**, Belgium
- **Eurac**, Italy
- **Wolters Kluwer Deutschland**, Germany
- **VSUR**, Czech Republic
- **Zemanta**, Slovakia
- **Institut Informatyki Gospodarczych**, Poland
- **IC**, South Korea
- **Institut Milijno Papin**, Tchec
- **Korea Advanced Institute of Science and Technology**, South Korea

**Use Cases**

- **Use Case 1 - Media & Publishing**: Large amounts of data resources from the legal domain are used to test and explore the commercial value of linked data in media and publishing. The data will be integrated and made accessible automatically. Data from external sources will be used to semantically enrich the existing datasets. Adequate licensing and business models are also investigated.

- **Use Case 2 - Enterprise Data Web**: Linked data is a natural addition to the existing document and web-service layers and standards. Corporate data interfaces based on Linked Data technologies help to substantially reduce data integration costs. Using the LOD2 Stack for linking internal corporate data with external references from the LOD cloud will allow for corporate data to significantly increase the value of its corporate knowledge with relatively low effort.

- **Use Case 3 - Linked Governmental Data**: The project will showcase the wide applicability of the LOD2 Stack through the evaluation of a case study targeting key sectors of the Eunopean Union. LOD2 will establish a network of European governmental data registries in order to increase public access to high-value machine-readable data sets. The methods developed in LOD2 will create a significant benefit, since they allow governmental data to be more easily explored, analyzed, and made available. A special focus within this use case is on the application of the LOD2 Stack for reporting and publication in the public sector. Data related to this area will be published and identified using LOD2 technologies and subsequently consumed using additional visualization and analytical services.

The main outcome of the project is a comprehensive Linked Data Stack, which builds on, integrates, and extends a large number of tools, services, and knowledge bases including:

- **DeJpedia**
- **indice**
- **Indice**
- **OntoWiki**
- **Opencorc**
- **COAT**
- **Eland**
- **Enterprise Search**
- **SLUR**
- **D2R**