Fact Sheet

Project information

LOD2

Grant agreement ID: 257943

Project website

Status
Closed project

Start date
1 September 2010

End date
31 August 2014

Funded under:
FP7-ICT

Overall budget:
€ 9 928 343

EU contribution
€ 7 249 999

Coordinated by:
UNIVERSITAET LEIPZIG
Germany

Project description

Intelligent information management Creating Knowledge out of Interlinked Data

- Research and development of novel, innovative Sematic 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.

LOD2 will integrate and syndicate linked data with large-scale, existing applications and showcase the benefits in the three application scenarios. The resulting tools, methods and data sets have the potential to change the Web as we know it today.

Objective

Over the last 3 years, the semantic web activity has gained momentum with the widespread publishing of structured data as RDF. The Linked Data paradigm has therefore evolved from a practical research idea into a very promising candidate for addressing one of the biggest challenges in the area of intelligent information management: the exploitation of the Web as a platform for data and information integration in addition to document search. To translate this initial success into a world-scale disruptive reality, encompassing the Web 2.0 world and enterprise data alike, the following research challenges need to be
addressed: improve coherence and quality of data published on the Web, close the performance gap between relational and RDF data management, establish trust on the Linked Data Web and generally lower the entrance barrier for data publishers and users. With partners among those who initiated and strongly supported the Linked Open Data initiative, the LOD2 project aims at tackling these challenges by developing:

1. enterprise-ready tools and methodologies for exposing and managing very large amounts of structured information on the Data Web,
2. a testbed and bootstrap network of high-quality multi-domain, multi-lingual ontologies from sources such as Wikipedia and OpenStreetMap,
3. machine learning algorithms for automatically enriching, repairing, interlinking and fusing data from the Web,
4. standards and methods for reliably tracking provenance, ensuring privacy and data security as well as for assessing the quality of information,
5. adaptive tools for searching, browsing, and authoring of Linked Data.

We will integrate and syndicate linked data with large-scale, existing applications and showcase the benefits in the three application scenarios media & publishing, corporate data intranets and e-government.

Field of Science

/natural sciences/computer and information sciences/artificial intelligence/machine learning
/natural sciences/computer and information sciences/computer security/data protection
/natural sciences/computer and information sciences/internet/semantic web

Programme(s)

FP7-ICT - Specific Programme "Cooperation": Information and communication technologies

Topic(s)

ICT-2009.4.3 - Intelligent Information Management

Call for proposal

FP7-ICT-2009-5

See other projects for this call

Funding Scheme

CP - Collaborative project (generic)

Coordinator Contact

Sören AUER (Dr.)
UNIVERSITAET LEIPZIG
Address
Ritterstrasse 26
04109 Leipzig
德国
Germany
Website
Contact the organisation
Administrative Contact
Nadine Jänicke (Ms.)

Participants (16)

SEMANTIC WEB COMPANY GMBH
地址：Austria
Address
Mariahilferstrasse 70/8
1070 Wien
Activity type
Private for-profit entities
(excluding Higher or Secondary Education Establishments)

Contact the organisation
Administrative Contact
Martin Kaltenböck (Mr.)

TENFORCE BVBA
地址：Belgium
Address
Havenkant 38
3000 Leuven
Activity type
Private for-profit entities
(excluding Higher or Secondary Education Establishments)

Contact the organisation
Administrative Contact
Bastiaan Deblieck (Mr.)
<table>
<thead>
<tr>
<th>Organisation</th>
<th>EU Contribution</th>
<th>Address</th>
<th>Activity type</th>
</tr>
</thead>
<tbody>
<tr>
<td>VYSOKA SKOLA EKONOMICKA V PRAZE</td>
<td>€ 240,546</td>
<td>W Churchill Square 4, 130 67 Praha 3</td>
<td>Higher or Secondary Education Establishments</td>
</tr>
<tr>
<td>WOLTERS KLUWER DEUTSCHLAND GMBH</td>
<td>€ 371,815</td>
<td>Luxemburger Strasse 449, 50939 Koln</td>
<td>Private for-profit entities (excluding Higher or Secondary Education Establishments)</td>
</tr>
<tr>
<td>FREIE UNIVERSITAET BERLIN</td>
<td>€ 279,916</td>
<td>Kaiserswerther Strasse 16-18, 14195 Berlin</td>
<td>Higher or Secondary Education Establishments</td>
</tr>
<tr>
<td>Organisation</td>
<td>EU Contribution</td>
<td>Address</td>
<td>Activity type</td>
</tr>
<tr>
<td>------------------------------</td>
<td>-----------------</td>
<td>-------------------------------------------------------------------------</td>
<td>--------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>UNIVERSITAET MANNHEIM</td>
<td>€ 390 072</td>
<td>Schloss 68161 Mannheim</td>
<td>Higher or Secondary Education Establishments</td>
</tr>
<tr>
<td>DASSAULT SYSTEMES</td>
<td></td>
<td>Rue Marcel Dassault 10 78140 Velizy Villacoublay</td>
<td>Private for-profit entities (excluding Higher or Secondary Education Establishments)</td>
</tr>
<tr>
<td>EXALEAD</td>
<td>€ 470 220</td>
<td>Place De La Madeleine 75008 Paris</td>
<td>Private for-profit entities (excluding Higher or Secondary Education Establishments)</td>
</tr>
</tbody>
</table>
NATIONAL UNIVERSITY OF IRELAND GALWAY
Ireland
Address
University Road
H91 Galway
EU Contribution
€ 692 704
Activity type
Higher or Secondary Education Establishments
Website
Contact the organisation
Administrative Contact
Maria Smyth (Ms.)

KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY
South Korea
Address
Daehak-Ro 291 Yuseong Gu
305 701 Daejeon
Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)
Website
Contact the organisation
Administrative Contact
Key-Sun Choi (Prof.)

STICHTING CENTRUM VOOR WISKUNDE EN INFORMATICA
Netherlands
Address
Science Park 123
1098xg Amsterdam
EU Contribution
€ 505 275
Activity type
Research Organisations
Website
Contact the organisation
Administrative Contact
Margriet Brouwer (Ms.)
<table>
<thead>
<tr>
<th>Organisation</th>
<th>Country</th>
<th>EU Contribution</th>
<th>Address</th>
<th>Activity type</th>
</tr>
</thead>
<tbody>
<tr>
<td>INSTYTUT INFORMATYKI GOSPODARCZEJ SP ZOO</td>
<td>Poland</td>
<td>€ 166 580</td>
<td>Ul. Rubiez 12g/6, 61-612 Poznan</td>
<td>Private for-profit entities (excluding Higher or Secondary Education Establishments)</td>
</tr>
<tr>
<td>INSTITUT MIHAJLO PUPIN</td>
<td>Serbia</td>
<td>€ 193 500</td>
<td>Volgina 15, 11060 Beograd</td>
<td>Research Organisations</td>
</tr>
<tr>
<td>ZEMANTA PAMETNE SPLETNE STORITVE INSVETOVANJE DOO</td>
<td>Slovenia</td>
<td>€ 147 980</td>
<td>Pugljeva Ulica, 1110 Ljubljana</td>
<td>Private for-profit entities (excluding Higher or Secondary Education Establishments)</td>
</tr>
</tbody>
</table>
OPEN KNOWLEDGE FOUNDATION LBG

United Kingdom

Address
86-90 Paul Street
Ec2a 4ne London

Activity type
Research Organisations

EU Contribution
€ 362 304

Website
Contact the organisation

Administrative Contact
Jonathan Gray (Mr.)

OPENLINK GROUP LIMITED

United Kingdom

Address
Purley Way Airport House
137
Cr0 0xz Croydon

Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)

EU Contribution
€ 870 380

Website
Contact the organisation

Administrative Contact
Hugh Williams (Mr.)