LDBC

Collaborative Project

FP7 – 317548

D5.5.3 First version of Portal

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Abstract

This deliverable reports on the LDBC Web portal and other dissemination channels (i.e. RSS feed, Blog, Facebook, Twitter). The deliverable gives a detailed report on the LDBC Web portal structure and setup during the first three months of the project. All the channels are used to disseminate project overviews and highlights, results and upcoming events. We target various communities, ranging from academic institutions to industrial players and regular users.

Executive summary

This deliverable reports on the LDBC Web portal and other dissemination channels (i.e. RSS feed, Blog, Facebook, Twitter). The deliverable gives a detailed report on the LDBC Web portal structure and setup during the first three months of the project. All the channels are used to disseminate project overviews and highlights, results and upcoming events. We target various communities, ranging from academic institutions to industrial players and regular users.

Document Information

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Version Log			
Issue Date	**Rev. No.**	**Author**	**Change**
19.12.2012	0.1	Ioan Toma	First complete version of the deliverable.
20.12.2012	1.0	Ioan Toma	Comments received from the quality reviewers are implemented.

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Abbreviations

CMF – Content Management Framework

CMS – Content Management System

CSS – Cascading Style Sheets

LDBC – Linked Data Benchmark Council

RDF – Resource Description Framework

RSS – Rich Site Summary

TUC –Technical User Community

XHTML – Extensible HyperText Markup Language

1   Introduction

One of the main objectives of LDBC work package 5 (WP5) is to setup and coordinate the dissemination of project activities. All project partners are contributing to this objective that includes a wide range of activities such as the creation and maintenance of the project Web portal, the generation of promotional materials, presentations, posters etc. The portal in particular is a major channel for disseminating LDBC results. We aim to make it the de facto reference resource for the RDF and graph user community to learn about the performance of the various available systems.

The purpose of this deliverable is to report on the LDBC Web portal and other dissemination channels that will be used as tools to raise awareness about LDBC. Strongly connected with the Portal is the social media presence we setup right at the beginning of the project, including RSS feeds, Blog, Facebook page and Twitter account. The LDBC Web portal and the social media channels will be updated over the entire duration of the project. Upcoming updates will be documented in D5.5.4, the second version of the Portal due M18.

The structure of this deliverable is as follows. In Section 2 we present the LDBC Web portal. Section 3 presents the dissemination channels used for the LDBC presence in social media. In Section 4, we summarize the deliverable and briefly describe the future activities with respect to the LDBC Web portal and social media channels.

2   LDBC Web portal

The LDBC Web portal[1] complies with the guidelines of the European Commission for the dissemination of project results and project Web sites. In this section we give a short overview of its content, structure, supporting technologies and provide statistics. The portal is designed and maintained by UIBK. The welcome page of the LDBC project can be seen in Figure 1.
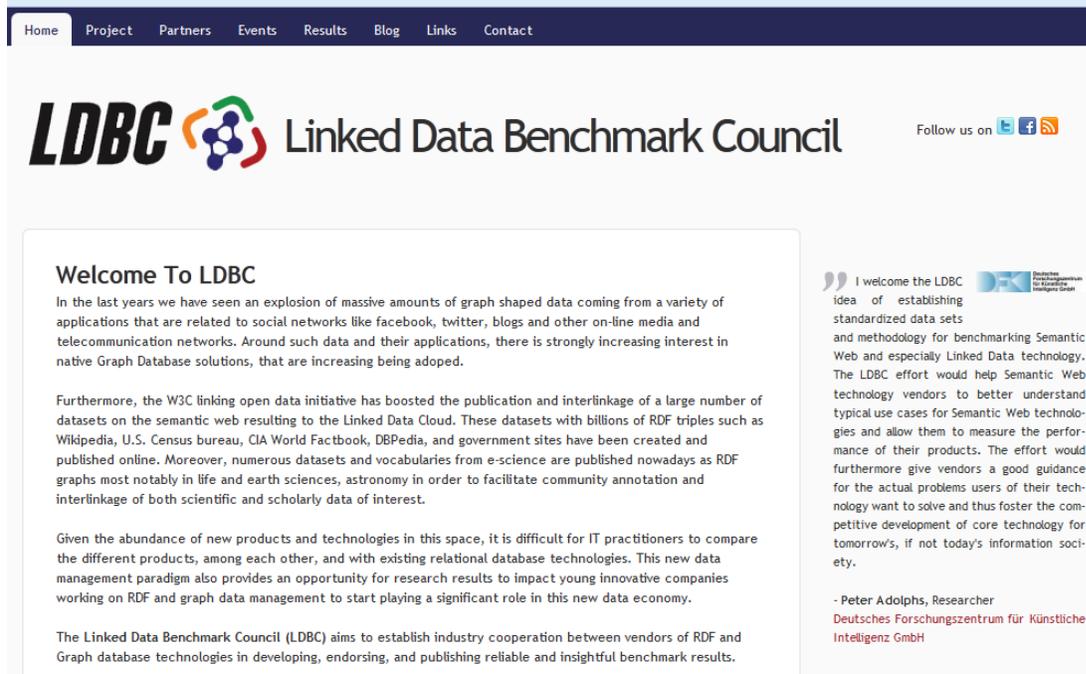

Figure 1: LDBC Homepage

2.1   Content and structure

The LDBC Web portal is the entry point for getting an overview of the project. Interested users can read about the LDBC project. It also presents the consortium members and their role in the project as well as the associated partners with whom LDBC collaborates. Furthermore, the web site provides access to researchers and industry to specific information, newest results and happenings within and outside the consortium, and to the schedule for achieving the project objectives. The LDBC Web portal is periodically updated to reflect the latest advancements with respect to project work and related activities.

In order to better support users to navigate and easily find information, the Web site was restructured and re-designed during the first three months of the project.

The LDBC Web site contains the following areas:

- *Home*: This is the starting point for users, developers and all interested parties, and therefore contains a summary of all LDBC information.
- *Project*: This area provides detailed information about the LDBC project including objectives, target audiences and outcomes.
- *Partners*: This section lists the academic and industrial partners that are part of the project. It also includes subsections on:
  - *Associated Partners*: This page lists the associated partners and projects with whom LDBC collaborates.
  - *People*: This page gives an overview of the people involved in the LDBC project.
- *Events*: This section provides information about events:
- *Results*: This section provides access to several resources of the project including:

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[1] http://ldbc.eu/

- o ***Deliverables***: This area describes the different deliverables in the LDBC project including information about title, work package, partner etc. Deliverables already submitted are made available to the public on this Web page.
  - o ***Publications***: This section lists all LDBC publications that have been made available by the LDBC consortium.
  - o ***Presentations***: This page provides access to presentations given by the LDBC team. Presentations will be made available via Slideshare.[2]
  - o ***Talks***: This page lists the talks given by the LDBC team.
  - o ***Posters***: This page presents the LDBC posters.
  - o ***Press***: This area contains press materials including the LDBC logo and factsheet.
- ***Links***: This area provides access to the internal wiki and the LDBC Technical User Community (TUC).
- ***Contact***: This page contains contact information.

Additionally, on the upper part of the Web site, we make available the latest news available as an RSS feed, and the LDBC Twitter timeline and Facebook page.

2.2   Technologies

The LDBC Web portal is based on Drupal. Drupal[3] is a free and open source content management system (CMS) and content management framework (CMF) written in PHP and distributed under the GNU General Public License. It is a very popular platform with a very large end-user and developer community. Drupal is in full compliance with W3C Web standards to allow interoperability with different browsers. The design of the LDBC Web site was created using Photoshop and was afterwards transferred to Drupal by building a theme from the original image with respect to CSS2[4] and XHTML 1.0[5] validity.

2.3   Statistics

Figure 2 give an overview of the popularity of the LDBC Web site in 2012 measured using Google Analytics[6]. It shows statistics in terms of number of visits, unique visitors, page views, average visit duration, etc. Figure 3 shows the distribution of visits per country. Spain, UK and US are the top 3 countries from where visits originated.
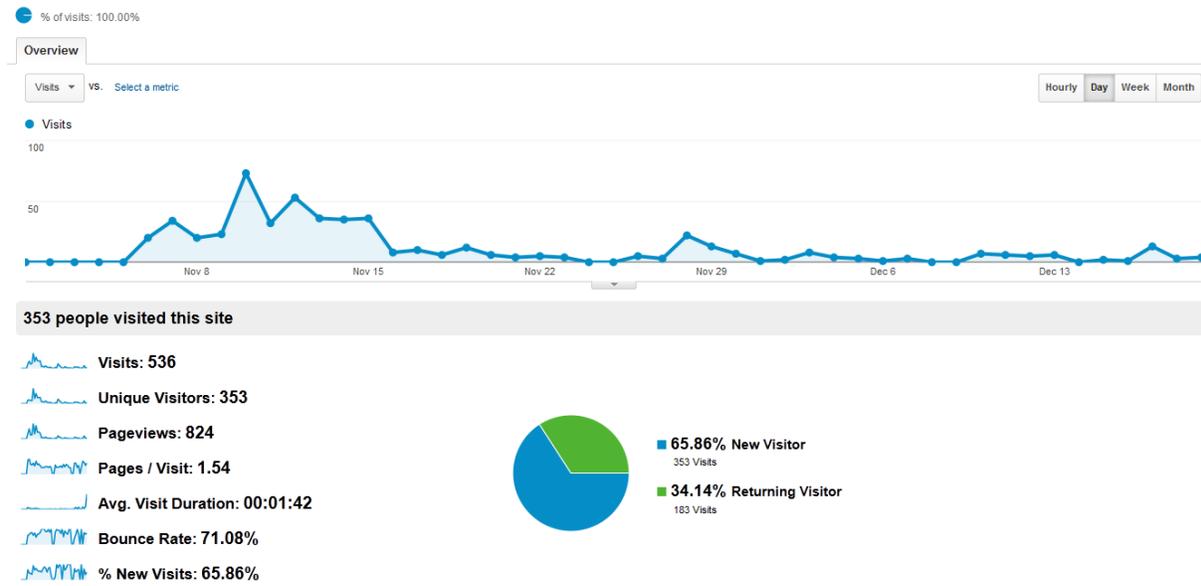
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[2] http://www.slideshare.net/

[3] http://drupal.org/

[4] http://www.w3.org/TR/1998/REC-CSS2-19980512/

[5] http://www.w3.org/TR/xhtml1/

[6] www.google.com/analytics/

% of visits: 100.00%

Overview

Visits ▾ vs. Select a metric   Hourly **Day** Week Month

● Visits

100

50

Nov 8   Nov 15   Nov 22   Nov 29   Dec 6   Dec 13

353 people visited this site

Visits: 536

Unique Visitors: 353

Pageviews: 824

Pages / Visit: 1.54

Avg. Visit Duration: 00:01:42

Bounce Rate: 71.08%

% New Visits: 65.86%

■ 65.86% New Visitor
353 Visits

■ 34.14% Returning Visitor
183 Visits

Figure 2: LDBC Web portal usage summary

% of visits: 100.00%

Map Overlay Explorer

Site Usage Ecommerce

Visits ▾

1   126

Visits	Pages / Visit	Avg. Visit Duration	% New Visits	Bounce Rate
536	**1.54**	**00:01:42**	**65.86%**	**71.08%**
% of Total: 100.00% (536)	Site Avg: 1.54 (0.00%)	Site Avg: 00:01:42 (0.00%)	Site Avg: 65.86% (0.00%)	Site Avg: 71.08% (0.00%)
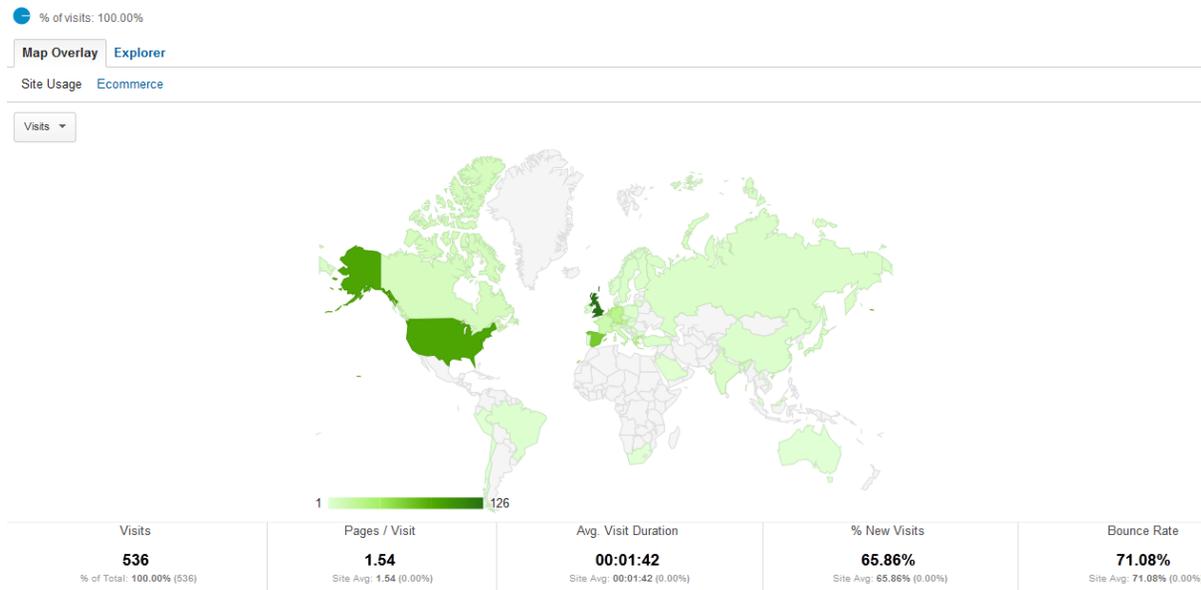
Figure 3: Distribution of visits per country

3   Other dissemination channels

In addition to the LDBC Web portal, we have setup other dissemination channels including RSS feed, Blog, Facebook and Twitter. The dissemination channels have been setup and maintained by UIBK. In this section we give a short overview of the channels.

3.1   RSS feed

The LDBC RSS feed is available at [1]. Figure 4 shows a snapshot of the LDBC RSS feed.

Linked Data Benchmark Council

LDBC, A Socio-technical Perspective
Friday, November 30, 2012 2:45 PM

In recent days cyberspace has seen some discussion concerning the relationship of the EU FP7 project LDBC (Linked Data Benchmark Council) and sociotechnical considerations. It has been suggested that LDBC, to its own and the community's detriment, ignores sociotechnical aspects.

LDBC project
Friday, November 30, 2012 2:26 PM

The mission of the LDBC can be compared to that of the Transaction Processing Council (TPC) that Jim Gray founded in the area of relational database technology (www.tpc.org). LDBC will create a body in which vendors of RDF and graph database systems agree on relevant benchmarks and benchmark practices; and will publish official benchmark results.

Online TUC questionnaire at http://goo.gl/PwGtK
Wednesday, November 14, 2012 1:03 PM

The TUC will kick off its activities on November 19/20, 2012 at the first scheduled meeting in Barcelona. An online questionnaire is available at http://goo.gl/PwGtK for interested parties can make contributions on their experiences and needs for consideration in the LDBC benchmarks.

Neo Technology and LDBC
Saturday, November 10, 2012 5:47 PM

"Graphs are everywhere. Organizations of all sizes, from large enterprise to new startups, are embracing graph databases as the fastest way to query and store graph data. The EU has recognized this, and has funded the Linked Data Benchmark Council to promote and further the research in graph databases. We are grateful to the EU for recognizing the leading role of Neo4j in graph database adoption worldwide and have accepted its invitation join the research team, where we will be working closely with graph researchers to set the next generation of industry standards and benchmarks."

EU confirmes the start of LDBC.
Saturday, November 10, 2012 3:22 PM

November 9, 2012, the EU confirmed the start of the new FP7 project called Linked Data Benchmark Council (LDBC). The main objective of LDBC is the development of benchmarks for the emerging field of RDF and graph data management systems, as well as to spur industry cooperation around such benchmarks. This new council of database software vendors and academics will establish benchmarks and publish benchmark results that will make the properties of RDF and graph data management systems insightful.

LDBC Project Kick-Off
Thursday, October 04, 2012 12:08 PM

The LDBC consortium meets for the first time in Heraklion to kick-off an endeavor that will unite excellence in benchamarking of RDF and graph databases.
LDBC aims to create a suite of benchmarks for RDF and noSQL graph databases that encourage the advancement of technology by providing both academia and industry with clear targets for performance and functionality. Furthermore, LDBC aims

Figure 4: LDBC RSS feed

3.2   Blog

The LDBC Blog is available at [2]. Figure 5 shows the LDBC Blog.
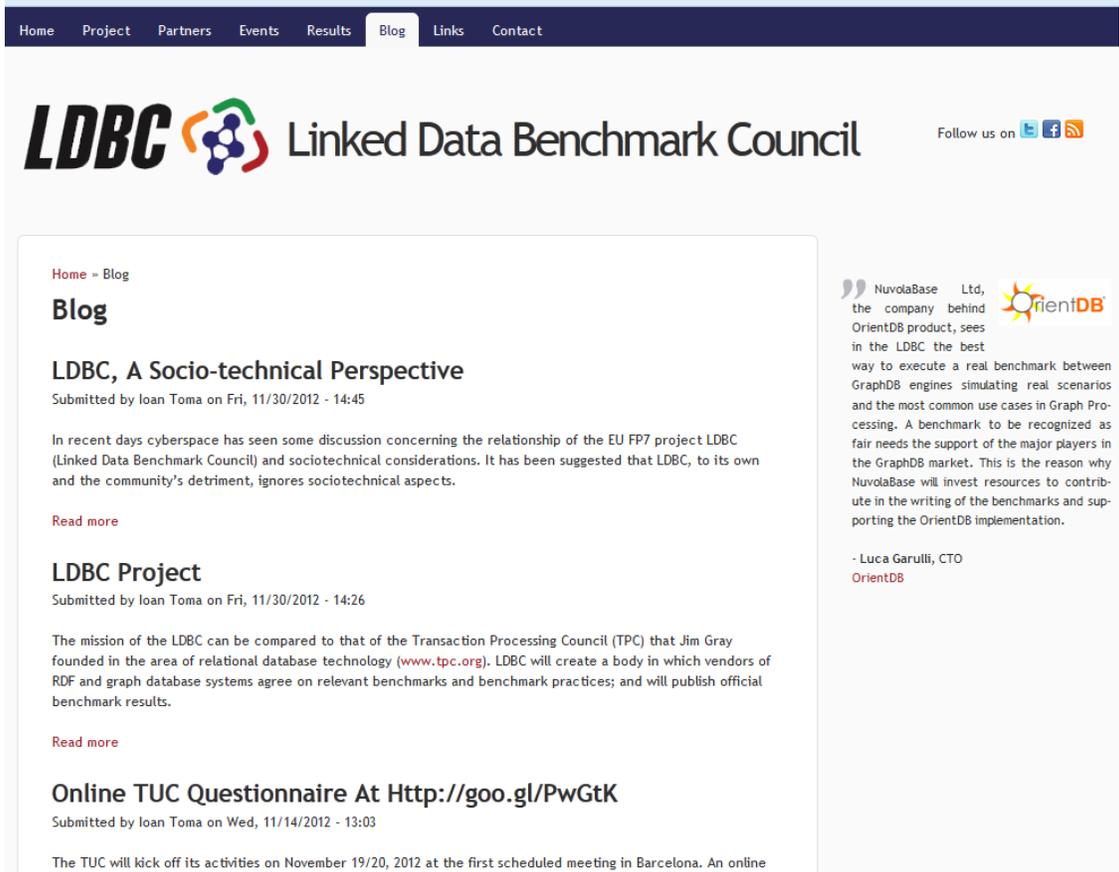
Figure 5: LDBC Blog

3.3 Facebook

The LDBC Facebook page is available at [3]. Figure 6 shows the LDBC Facebook page.

Figure 6: LDBC Facebook Page

3.4   Twitter

The LDBC Twitter timeline is available at [4]. Figure 7 shows the LDBC Twitter timeline.

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Figure 7: LDBC Twitter timeline

4   Conclusions

This deliverable gives an overview of the first version of the LDBC Web Portal. We describe the LDBC Web portal structure and setup during the first three months of the project. Additionally we report about other dissemination channels, i.e. RSS feed, Blog, Facebook and Twitter that were setup and used during the first three months of the project to raise awareness and disseminate early LDBC results and activities.

The LDBC project is in the process of setting up the LDBC foundation which will be available at M6. The purpose of the LDBC foundation and its concrete rules and policies, once created, will be made public on a simple website as part of the LDBC Web portal.

A final update of this report will be provided in M18 and as part of D5.5.4 "Second version of the Portal".

References

[1]   LDBC RSS Feed. Available at: http://www.ldbc.eu/feed

[2]   LDBC Blog. Available at: http://ldbc.eu/blog

[3]   LDBC Facebook Page. Available at: http://www.facebook.com/ldbcproject

[4]   LDBC Twitter Timeline. Available at: https://twitter.com/LDBCproject