

1 Publishable summary

The LOD Around-The-Clock (LATC) Support Action objective is to help institutions and individuals in publishing and consuming quality Linked Data on the Web.

Progress in the areas of large-scale data processing, data integration and information quality assessment increasingly depends on the availability of large amounts of real-world data. The emerging Web of Linked Data is the largest source of multi-domain, real-world and real-time data that currently exists, containing billions of assertions and spanning diverse domains: media companies such as the BBC and Reuters, pharmaceutical companies like Eli Lilly and Johnson & Johnson, as well as the US and UK governments are publishing Linked Data on the Web. This global data space allows the development of applications that benefit from the universal identifiers and a uniform data model over a scalable protocol for data access.

With the explosive growth of the Linked Open Data (LOD) cloud, doubling in size every 10 month since 2007, using this global data space in a real-world setup has revealed issues: the amount and quality of the links between LOD sources remains sparse and further, there is a lack of a well-documented software library for data access and data publication throughout the lifecycle.

The main work items and achievements in the first year in order to realise the objectives were:

- The deployment of an 24/7 Interlinking Platform on a computing cluster including user-facing tools to discover datasets and create linksets as well as a Quality Assurance component and administrative interfaces.
- The compilation of a library of Linked Data tools along with tutorials and best practices concerning Linked Data publication and consumption.
- The publication of datasets of European Institutions as Linked OpenData on the Web.

All project results are publically available via the LATC project website at <http://latc-project.eu/>

LATC already has impact in a number of relevant areas, such as in the government domain, concerning structured data on the Web and concerning the support of other EC projects. With the public release of the 24/7 Interlinking Platform as a cloud SaaS service in spring 2012 and accompanying activities such as tutorials, LATC will continue to increase the number and quality of links in the LOD cloud. In addition, we will focus on documenting and motivating the benefits of the links to provide incentives to the targeted audience.