



Informatik-Kolloquium

Donnerstag, 15.05.2014

14:00 h s.t.

**Seminarraum 0.101, Institut für Informatik,
Goldschmidtstr. 7, 37077 Göttingen**

Vortrag

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„Supporting the Linked Data publication process with the LOD2 Statistical Workbench or Publishing and consuming Linked Open Data with the LOD2 Statistical Workbench“

In the last few years, with the rise of the open data movement, a large and increasing number of governments and organizations have started to make information freely available and easily accessible online. Additionally, in order to increase transparency and improve interoperability and interaction with citizens and society as a whole, but also create new businesses and job opportunities, national governments publish their data in a machine-readable and future-proof format. In this presentation we will report about the results of the LOD2 project (<http://lod2.eu/>) and discuss the main features of the LOD2 Statistical Workbench (<http://demo.lod2.eu/lod2statworkbench>), an integrated set of professional tools for accessing, manipulating, exploring and publishing statistical data. The data representation and processing is based on the W3C standard vocabularies (RDF Data Cube as a main model) and open source components delivered by the LOD2 consortium. Using an illustrative case study of the Statistical Office of the Republic of Serbia, the presentation introduces the user requirements, gives an overview of possible scenarios and shows examples of its use. The first results indicate that wider adoption of the LOD2 tools in practice can be foreseen.