

Semantic Web in Libraries

SWIB 16 Report

28 November 2016

Workshop III F – linked data to support the presentation and reuse of image resources

Presentation of APIs and data formats that enable image access that do not depend on any specific software. The benefits comprehend: comparison between different systems, sharing and citation, embedded rights and reuse statistics. JSON-LD was explained and some highlights about FRAMES were given.

29 November 2016

Keynote speaker – Ivan Herman

Overview about Epub3/Open Web Platform (OWP) and web publishing activities, namely in what concern packaging formats and the semantic web. Examples were given relating to user annotation, personalization and rights management.

Using LOD to crowdsource Dutch ww2 underground newspapers on Wikipedia – Olaf Jansen

Description of the project that published illegal newspapers at the Dutch national aggregator, Delpher. Linked data was used to connect to the bibliographic database and other contextual information sources. Wikipedia articles were automatically generated.

Improving data quality at Europeana – Hugo Manguinhas

Europeana is assessing metadata quality before ingestion. Data quality requirements and the validation process was described. Europeana is considering to use SHACL to define quality patterns.

Linked Open Data in practice: Emblematica online – Myung K. Han

Practical example of LOD project implementation, regarding 1.400 books and 28.000 emblems of six US and European institutions. SPINE schema was described, as well as its description levels: book level, emblem level, pictures level and user segmentations. In this project LOD is produced and also consumed (VIAF and ICONCLASS).



RDF by example: rdfplum– Vladimir Alexiev

Presentation of rdfplum, a tool to generate rdf graphs that are readable. Comparison with other tools like rdf2rdb. Very good reification examples.

Lightning and breakout sessions

Lightning talks were very interesting, namely the ones the Canadian Linked Data Initiative, Linked Open Citation Database, the new W3C recommendation on linked data notifications and BIBFRAME use in Europe by the Royal Library of Denmark.

30 November 2016

Keynote Linked Open Community – Andromeda Yelton

Lesson on how to motivate people to participate in open source projects. Strategies for “inclusion as an interface”, regarding infrastructure, governance and culture.

Swissbib goes linked data – Feliz Bensmann

Description of the linked data transformation projet of the Swiss academic libraries catalogue and repository.

Linking Things – John Chapman

Presentation of the OCLC linked data project to the representation of Person entities that aims to enhance access through APIs.

Performing LOD – Julia Beck

Presentation of the project performing-arts that used EDM to aggregate data from the performing arts domain. EDM extensions D2M and Eclap were applied.

From MARC silos to linked data silos – Osma Suominen

Overview of the core concepts related to linked bibliographic data, including ontology, application profiles and data sets transformation in the library domain. Description of the National Library of Finland lod project.

Who is using our linked data? –Neil Wilson

Report on the Linked Data Analytics Solution and its application to the analysis of 44 million requests during 13 months in the context of the British National Bibliography lod data set.



Linked data for production– Philip Schreur

Presentation of the project LD4P for the transition of workflows to linked open data. The objective is to assess the LOD implementation costs through the “linked work environment”.

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