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Collaborative Maintenance of Semantic Networks - Present or Future?

Alexander Haffner (DNB)

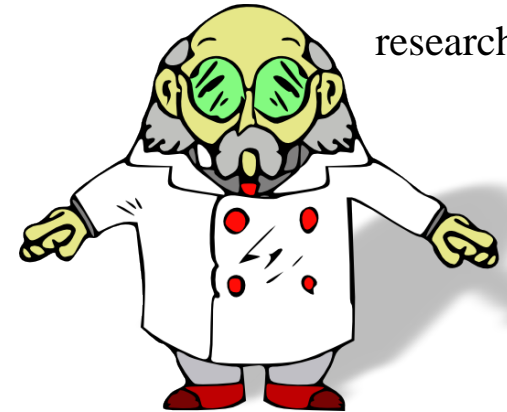


Common Interest of Publication Creators



publishers

Associate
me with
stuff that
belongs to
me!



researchers



artists



business

How fit libraries into this world?



1. Libraries support a high quality network extension
2. make things uniquely identifiable
3. relate the things that belong together



Authority Collaboration in the German-speaking Library Community



- collaborative maintaining and linking authority data are essential components of descriptive and subject cataloguing
- Integrated Authority File (Gemeinsame Normdatei, GND)
 - more than 10 million authority entries
 - describing persons, corporate bodies, conferences and events, places or geographic names, topics, and works
 - accessible as Linked Open Data
 - reused as access points of dozen of services (i. e. Wikipedia)

Barriers entering the Library Cosmos

- BUT
 - data exchange is based on harvesting strategies
 - data model and data formats are very library specific
 - non-library organizations are almost excluded



RESOURCE DESCRIPTION & ACCESS



Libraries need external help in maintaining
the huge amount of authority data



assumption:

authority data from libraries can support the
organization of data from other major players





development of a generalized collaboration
model for working with further non-library
cooperation partners



IN2N Project

Cross-institutional Authority Collaboration



- goal
 - lower the threshold for the implementation of non-library editorial systems accessing the GND as their authority reference system
- provision of
 - limited element set with self-explanatory names
 - property-based search functionality on GND data
 - updates without knowledge of the complete corresponding GND record
- use of widely applied standards
- use of Linked Open Data

Collaboration in Reality



domain-internal collaboration	cross-domain collaboration
apply high granular data recording locally to quicken a external data-reuse	apply high granular data recording locally to quicken a external data-reuse
make a data model complex if necessary and useful for the community	keep the data model simple – specify a least common denominator
community-internal standards have to be accepted, standardized, and used by all members	use W3C standards and recommendations
compromise for a successful collaboration	compromise for a successful collaboration

Are librarians already open-minded enough to
let external partners touch their data?

We are!



Vielen Dank!

discussion is welcome...

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Alexander Haffner
German National Library
a.haffner@dnb.de