Collaborative Maintenance of Semantic Networks - Present or Future?

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Common Interest of Publication Creators

Associate me with stuff that belongs to me!

- Publishers
- 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 dozens 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
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

<table>
<thead>
<tr>
<th>domain-internal collaboration</th>
<th>cross-domain collaboration</th>
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<tbody>
<tr>
<td>apply high granular data recording locally to quicken a external data-reuse</td>
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<tr>
<td>make a data model complex if necessary and useful for the community</td>
<td>keep the data model simple – specify a least common denominator</td>
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<tr>
<td>community-internal standards have to be accepted, standardized, and used by all members</td>
<td>use W3C standards and recommendations</td>
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<tr>
<td>compromise for a successful collaboration</td>
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Are libraries already open-minded enough to let external partners touch their data?

We are!
Vielen Dank!

discussion is welcome…

www.in2n.de

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