Learning about Linked Data with a Zine Thesaurus

Kansas City, MO
# Upper Midwest Linked Data Interest Group

**About Group**

<table>
<thead>
<tr>
<th>Group name</th>
<th>Upper Midwest Linked Data Interest Group</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td>This interest group is for staff working in libraries, archives, and museums who wish to share and discuss ideas for linked data projects, propose organized events or informal meet ups, and share continuing education opportunities. The Upper Midwest includes MN, ND, SD, and WI.</td>
</tr>
</tbody>
</table>

[https://groups.google.com/forum/#!forum/upper-midwest-linked-data-interest-group](https://groups.google.com/forum/#!forum/upper-midwest-linked-data-interest-group)
Elissah Becknell
Zine Librarian and Instructor, Minneapolis Community & Technical College Library

Tina Gross
Catalog Librarian, St. Cloud State University

Stephen Hearn
Metadata Strategist, University of Minnesota - Twin Cities

Sarah Quimby
Library Processing Manager, Minnesota Historical Society

Sara Ring
Digitization & Metadata Training Coordinator, Minitex

Brooke Roegge
Digital Information Specialist, MN Dept of Employment and Economic Development

Twin Cities Zine Linked Data Working Group
Making the Anchor Archive Subject Thesaurus available as linked data
Anchor Archive Subject Thesaurus

Developed for a special collection of zines in Halifax, Canada

Zine Thesaurus of Subject Terms

ABANDONED BUILDINGS
- RT
  - GHOST TOWNS
  - URBAN DECAY

ABLEISM
- RT
  - DISABILITIES
  - PHYSICAL DISABILITIES

ABORIGINAL PEOPLES
- USE
  - INDIGENOUS PEOPLES
Open Metadata Registry allows people and organizations to “identify, declare or publish” metadata schemas.
Why the Open Metadata Registry?

- **Pros**
  - Creates URIs for vocabulary terms
  - Expresses vocabularies in RDF (SKOS)
  - Easy to use
  - Web based

- **Cons**
  - No bulk import (yet)
  - No spell checks
  - No de-duplication
Registering the Thesaurus in the OMR

Our working group rebuilt the Anchor Archive Subject Thesaurus in the Open Metadata Registry.
Completed term in Open Metadata Registry

**Vocabulary:** Anchor Archive Subject Thesaurus

**Concepts:** Alternative energy

<table>
<thead>
<tr>
<th>Metadata+</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detail</strong></td>
</tr>
<tr>
<td>Preferred Label: Alternative energy</td>
</tr>
<tr>
<td>Language: English</td>
</tr>
<tr>
<td>Top Concept?:</td>
</tr>
<tr>
<td>Status: Published</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Properties</th>
</tr>
</thead>
<tbody>
<tr>
<td>related to</td>
</tr>
<tr>
<td>related to</td>
</tr>
<tr>
<td>preferred label</td>
</tr>
<tr>
<td>has narrower</td>
</tr>
<tr>
<td>has broader</td>
</tr>
</tbody>
</table>
<!-- Concept: Alternative energy -->

<skos:Concept rdf:about="http://metadataregistry.org/uri/aast/1187" xml:lang="en">
  <skos:inScheme rdf:resource="http://metadataregistry.org/uri/aast"/>
  <reg:identifier rdf:resource="5170"/>
  <skos:prefLabel xml:lang="en">Alternative energy</skos:prefLabel>
  <skos:related rdf:resource="http://metadataregistry.org/uri/aast/1214"/>
</skos:Concept>
Open Metadata Registry provides an RDF/XML serialization of the SKOS framework for the whole vocabulary (or any individual term). This is a SKOS file that you can download and save somewhere.
Linking the Anchor Archive Subject Thesaurus to the MCTC Zine Collection
Open Refine

- Open Refine is a free open source tool for cleaning up large metadata sets. It can also be used to create linkages between metadata sets.

OpenRefine
A free, open source, power tool for working with messy data

Free Your Metadata
Learn how to get more value out of metadata easily

- freeyourmetadata.org has instructions for using Open Refine to clean up metadata and link it to other data sets.
Using Open Refine to Link

- The blue headings are linked to the Anchor Archive Subject Thesaurus in the Open Metadata Registry.
Elissah Becknell
Zine Librarian and Instructor, Minneapolis Community & Technical College Library

Tina Gross
Catalog Librarian, St. Cloud State University

Stephen Hearn
Metadata Strategist, University of Minnesota - Twin Cities

Sarah Quimby
Library Processing Manager, Minnesota Historical Society

Sara Ring
Digitization & Metadata Training Coordinator, Minitex

Brooke Roegge
Digital Information Specialist, MN Dept of Employment and Economic Development

Twin Cities Zine Linked Data Working Group

full-length presentation from 2014 Library Technology Conference:
http://digitalcommons.macalester.edu/libtech_conf/2014/sessions/60/