Learning about Linked Data with a Zine Thesaurus

2014 OLAC-MOUG Conference, Oct. 24, 2014

Kansas City, MO

Upper Midwest Linked Data Interest Group

About Group

Group name	Upper Midwest Linked Data Interest Group
Description	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.

https://groups.google.com/forum/#!forum/upper-midwest-linked-data-interest-group

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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
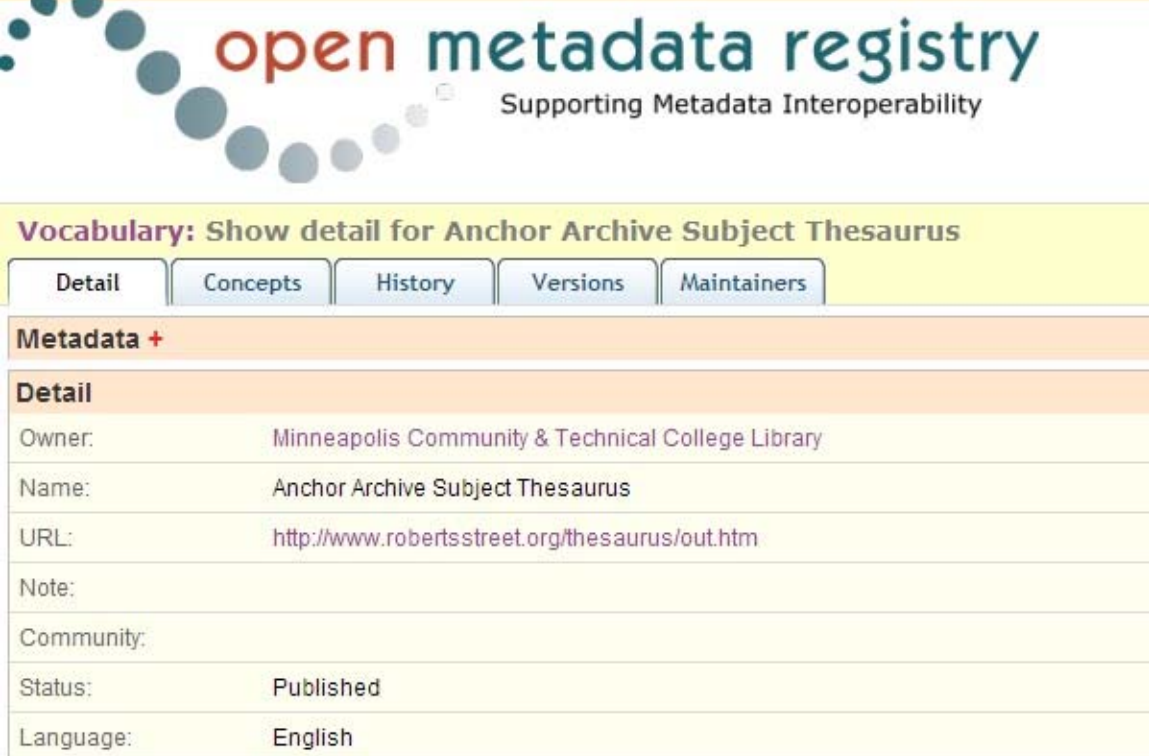 - DISABILITIES
  - PHYSICAL DISABILITIES

ABORIGINAL PEOPLES

- USE
  - INDIGENOUS PEOPLES

Anchor Archive Zine Library

Open Metadata Registry

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

Detail	Properties	History

Metadata +

Detail

Preferred Label:	Alternative energy
Language:	English
URI:	http://metadataregistry.org/uri/aast/1187 (RDF)
Top Concept?:	
Status:	Published

Properties

related to	Climate change
related to	Energy efficiency
preferred label	Alternative energy
has narrower	Biodiesel
has broader	Energy

Term in RDF (SKOS)

```xml
<!-- 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:status rdf:resource="http://metadataregistry.org/uri/RegStatus/1001"/>
                <reg:identifier rdf:resource="5170"/>
                <skos:prefLabel xml:lang="en">Alternative energy</skos:prefLabel>
                <skos:broader rdf:resource="http://metadataregistry.org/uri/aast/1211"/>
                <skos:related rdf:resource="http://metadataregistry.org/uri/aast/1214"/>
                <skos:related rdf:resource="http://metadataregistry.org/uri/aast/1281"/>
                <skos:narrower rdf:resource="http://metadataregistry.org/uri/aast/2019"/>
        </skos:Concept>
```

"Get RDF" button

Open Metadata Registry provides an RDF/XML serialization of the SKOS framework for the whole vocabulary (or any individual term).

Vocabulary: Show detail for Anchor Archive Subject Thesaurus

| Detail | Concepts | History | Versions | Maintainers |

Detail

Owner:	Minneapolis Community & Technical College Library
Name:	Anchor Archive Subject Thesaurus
URL:	http://www.robertsstreet.org/thesaurus/out.htm
Note:	
Community:	
Status:	Published
Language:	English

URI

Base Domain:	http://metadataregistry.org/uri/
Token:	aast
URI:	http://metadataregistry.org/uri/aast

Users +

List Get RDF Get XML Schema

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.

- 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

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full-length presentation from 2014 Library Technology Conference:

http://digitalcommons.macalester.edu/libtech_conf/2014/sessions/60/