Update on progress with the Metadata Standards Catalog

Alex Ball

RDA Plenary 8, Denver, CO
15 September 2016
Moving on from the Metadata Standards Directory

The Metadata Standards Catalog has the same mission:

- Make metadata standards **easy to find**
- Help people get the **information** they need to use them
- Encourage people to **adopt and adapt** standards rather than do their own thing

But we want the Catalog to work harder:

- Allow people to **search** (not just browse) for standards
- Make it **painless to contribute** information
- Allow information to be extracted and acted on by **machines**
User stories

Received 26 user stories:

- Properties by which to select records
- Additional properties to display
- GUI (Web page) functionality
- API functionality

See the full list at https://goo.gl/wFTwHM
Requirements Specification

- System description
- Data model
- Functional requirements
  - Search or browse (9)
  - Display (10)
  - Update (2)
  - Compare (2)
- Non-functional requirements (4)

See the full specification at https://goo.gl/7bdSiz
Data model – Entities

Metadata Scheme

profile of

Tool

Version 1  Version 2

Organization

Mapping

from

to

supports

funder, maintainer

funder, maintainer

maintainer, funder, user

funder, maintainer

Tool supports Organization maintainer, funder, user from Mapping to Tool}

funder, maintainer

funder, maintainer

maintainer, funder, user

funder, maintainer

Tool supports Organization maintainer, funder, user from Mapping to Tool
Metadata Scheme

Version 1  Version 2

Mapping

Metadata Scheme

Tool

Organization

profile of

supports

maintainer, funder, user

funder, maintainer

from

to

Data model – Entities
Data model – Entities

Metadata Scheme

Profile of Metadata Scheme

Mapping

from

Tool supports Organization

funder, maintainer

funder, maintainer

maintainer, funder, user

Version 1 | Version 2

Metadata Scheme

Metadata Scheme
Data model – Entities

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Tool

supports

funder, maintainer

Organization

funder, maintainer

user

maintainer, funder, user

profile of

Metadata Scheme

Tool

supports

funder, maintainer

Organization

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from

to

Metadata Scheme

Version 1  Version 2

Mapping

from
Data model – Entities

Metadata Scheme

Profile of Metadata Scheme

Mapping

from

Tool

supports

Organization

maintainer, funder, user

Tool supports Organization

Tool

funder, maintainer

funder, maintainer

Metadata Scheme

Version 1 | Version 2

Tool supports Organization

Mapping from to

funder, maintainer

Tool supports Organization
## Data model – Elements

### Metadata scheme
- title
- identifiers
- versions
- description
- keywords (disciplines)
- dataTypes
- locations
- samples
- endorsements

### Mapping
- identifiers
- versions
- creators
- description
- locations

### Organization
- name
- identifiers
- types
- locations

### Tool
- title
- identifiers
- versions
- creators
- description
- types
- locations
Next steps

By mid-January 2017:

- Finalize data model
  - Draft Data Model – http://goo.gl/kvGQlg

- Convert some existing data to new model
- Select toolchain for developing new interfaces
- Develop new interfaces
- Make prototype available online
Thank you for your attention

Metadata Standards Catalog Working Group:
https://rd-alliance.org/groups/metadata-standards-catalog-working-group.html