Long term identifiers for terms in a crowd-sourced vocabulary

DataONE Preservation and Metadata Working Group (PAMWG)

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DataONE

Agreeing on terms: a different take

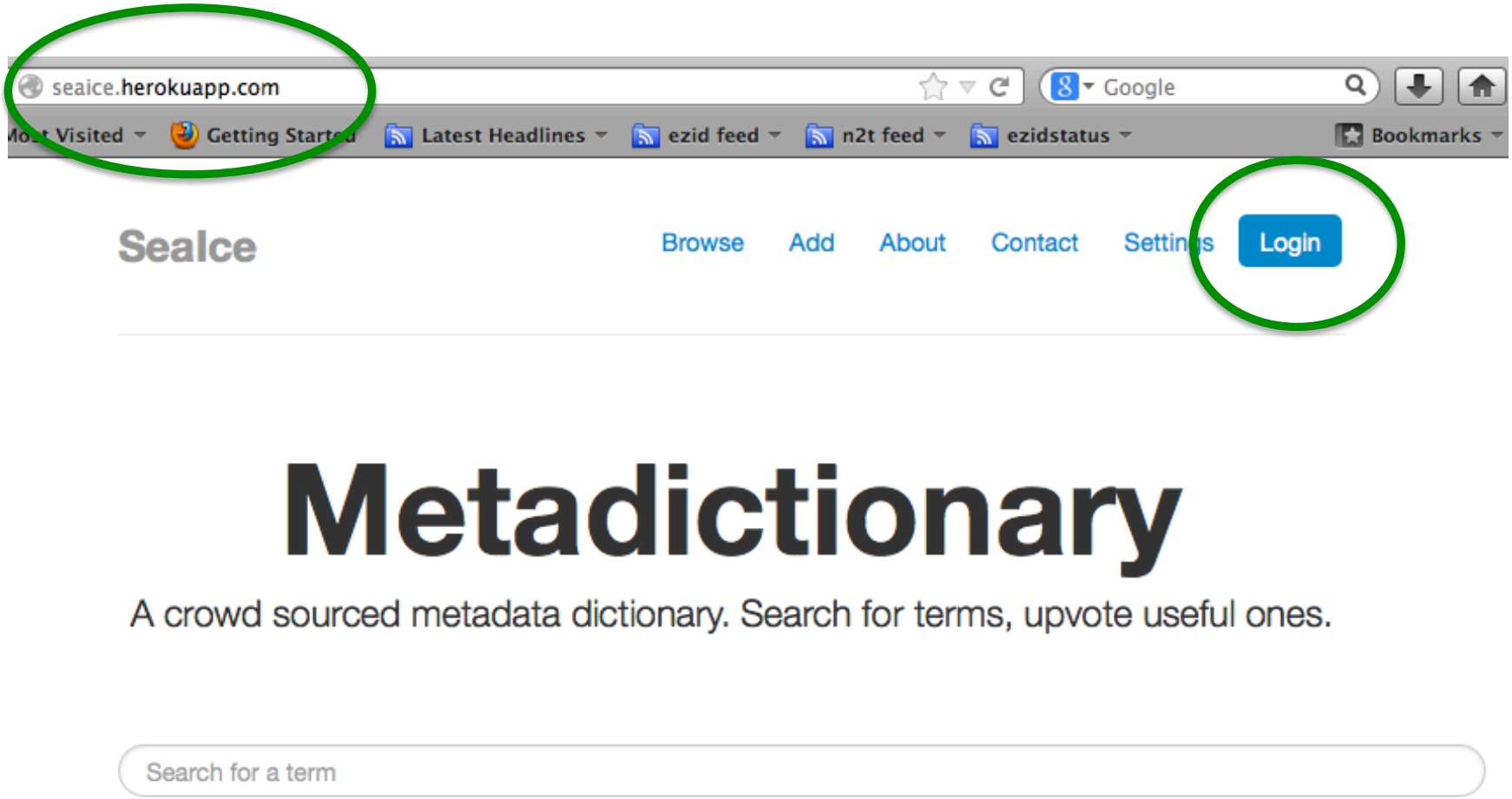
- Most metadata standards controlled by experts
- Change by committee is costly and slow
- Progress: Dublin Core was designed to break with the past, but still room to improve
  - *5 years to agree on same 15 terms we had at 1 year*
  - *highly divergent, non-interoperable local use with frequent reference to many external ontologies*

Metadata Vision

One dictionary, one namespace

- Crowd sourced plus lightly supervised canon
- Anyone can look up terms
- Any domain, any part of "metadata speech"
  - Names, values, units, relationships, ...
- Anyone can propose and refine their terms
- Strong terms rise, weak terms decline

What have we learned from Wikipedia, the Internet-Draft/ RFC process, and the American Heritage Dictionary?


seaice.herokuapp.com
Google
Most Visited
Getting Started
Latest Headlines
ezid feed
n2t feed
ezidstatus
Bookmarks
Sealce
Browse
Add
About
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Metadictionary
A crowd sourced metadata dictionary. Search for terms, upvote useful ones.
Search for a term

Sealce | Browse | Add | About | Contact | Settings | Log out of John

Browse dictionary

Search for a term

high score | recent | volatile | stable | alphabetical

Long term identifier

MISSING!

Term	Votes	Consensus	Class	Contributed by	Last modified
Hello	-1	0%	vernacular	Chris Patton	16/7/2013 21:28
identifier	0	50%	vernacular	John Kunze	16/7/2013 1:32
structured datum	0	0%	vernacular	John Kunze	16/7/2013 1:32
publisher	3	100%	vernacular	John Kunze	16/7/2013 1:21
CHL	0	0%	vernacular	Greg Janée	15/7/2013 15:30
great	1	100%	vernacular	Nassib Nassar	15/7/2013 13:07
creator	1	100%	vernacular	John Kunze	14/7/2013 23:02
talus	0	50%	vernacular	Angela Murillo	14/7/2013 22:58
data	0	0%	vernacular	John Kunze	14/7/2013 22:44
description	1	100%	vernacular	John Kunze	14/7/2013 22:44
metadata	1	100%	vernacular	John Kunze	14/7/2013 21:58
hydraulic gradient	0	0%	vernacular	Angela Murillo	14/7/2013 15:19
talus slope	0	0%	vernacular	Angela Murillo	12/7/2013 22:00
metadatum	0	0%	vernacular	John Kunze	12/7/2013 21:16
structured data	0	0%	vernacular	John Kunze	9/7/2013 23:59

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Browse dictionary

high score | recent | volatile | stable | alphabetical

C

canine *contributed by deb*

CHL *contributed by Greg*

creator *contributed by John*

D

data *contributed by John*

datum *contributed by John*

datum *contributed by Chris*

description *contributed by John*

H

hydraulic gradient *contributed by Angela*

Persistent *term* identifiers

- Persistent official *concept* name
- Disambiguation of natural language terms
- ARK ids (expressed as URLs) from CDL's EZID service, suitable for linked open data apps
- Work with Research Data Alliance PIT group
  - scheme-agnostic resolution (N2T resolver)
  - added extended-term "fake" ids

n2t.net/ezid

EZID

long-term identifiers made easy

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Why EZID? | Understanding Identifiers | Pricing | Documentation | Outreach | Who's using EZID?

EZID (easy-eye-dee) makes it easy to create & manage unique, long-term identifiers

- create identifiers for anything: texts, data, bones, terms, etc.
- store citation metadata for identifiers in a variety of formats
- update current URL locations so citation links are never broken
- use EZID's programming interface for automated operation at scale
- choose from a variety of persistent identifiers, including ARKs and DataCite DOIs
- try out EZID anytime and contact us for more information

EZID provides a QR code for each identifier it creates.

Latest news from EZID EZID Service Update: February 2013 RSS

EZID is a service of the University of California Curation Center of the California Digital Library

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Questions?

Try out the SeaIce prototype at

http://seaice.herokuapp.com

https://github.com/cjpatton/seaice

Try out EZID at http://n2t.net/ezid