



RDA Metadata Standards Directory Working Group

EUDAT: European Data Infrastructure
Towards Global Data Infrastructure Components

Bill Michener
30 October 2013

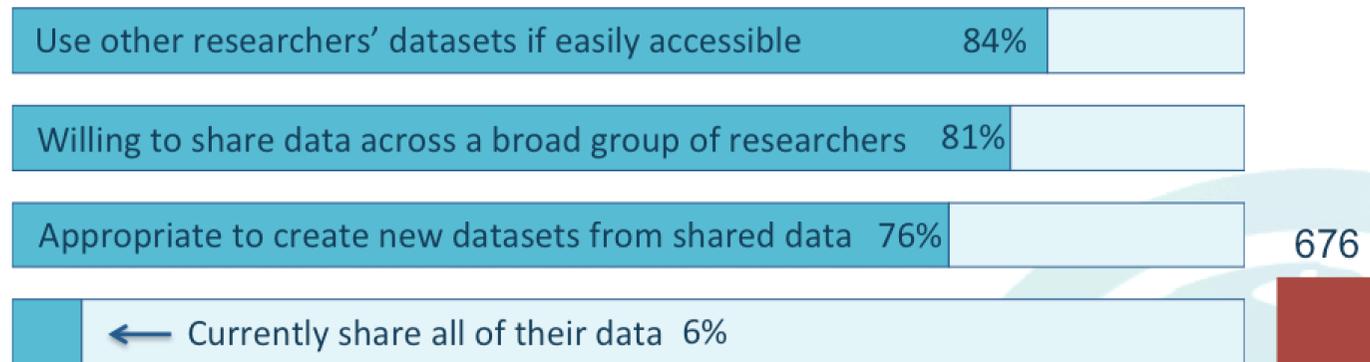
Overview

- Motivation
- Goals
- Accomplishments and activities
- Next meeting

Motivation

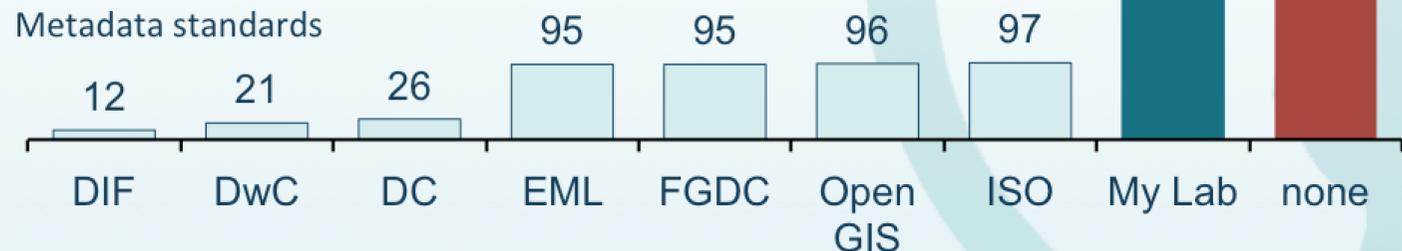
- Proliferation of metadata standards

Scientists want to share data



Tenopir et al.
2009.
PLoS ONE.

but don't know how to and, if they do,
want to get proper credit for doing so.



Goal

- Develop a **collaborative, open** directory of metadata standards applicable to scientific data that can help address researcher needs
- Initiated: Global Data Meeting (Washington DC, Oct. 2012)
- Recognized & endorsed by RDA Council as WG, August 2013

Co-leads:

Jane Greenberg (Director of the SILS Metadata Research Center, UNC-Chapel Hill)

Keith Jeffery (Keith G Jeffery Consultants, President ERCIM)

Rebecca Koskela (DataONE, University of New Mexico)

Alex Ball (UKOLN Informatics, University of Bath)

Approximately 25 active members

RDA forum: <https://rd-alliance.org/node>



Research Data Sharing
without barriers



mailing list: rda-cwg-metadata@lists.rd-alliance.org

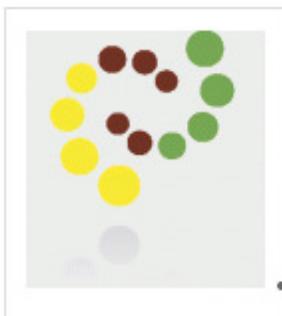
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Working Groups Metadata Standards Directory Working Group has been updated.

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Group Edit

Metadata Standards Directory Working Group



The RDA Metadata Standards Directory Working Group is supported by individuals and organizations involved in the development, implementation, and use of metadata for scientific data. The overriding goal is to develop a collaborative, open directory of metadata standards applicable to scientific data can help address infrastructure challenges...[Metadata Standards Working Group Case Statement](#)

Current activity

- Contribute to the Digital Curation Centre's metadata directory: <http://bit.ly/1fToaqd>.

News and upcoming events

- EUDAT: European Data Infrastructure/RDA's Metadata Standards Directory Working Group presentation (Bill Michener, 30 October 2013): <http://www.eudat.eu/2nd-conference>.
- 3rd. RDA Plenary, Dublin, Ireland, March 26-28, 2014, (Metadata Standards WG meetings t.b.confirmed)

Group menu

- Group News Archive
- Group Wiki
- Old forum (Read-only)
- Public File Repository
- Public Discussion Area
- RDA Mailing lists

Accomplishments

- CAMP-4-DATA
- Partnering with DCC Disciplinary Metadata Directory
- Linking organizations and groups developing, promoting, and using metadata for scientific data



CAMP-4-DATA Workshop



- DC-2013 in Lisbon, Portugal
6 September 2013

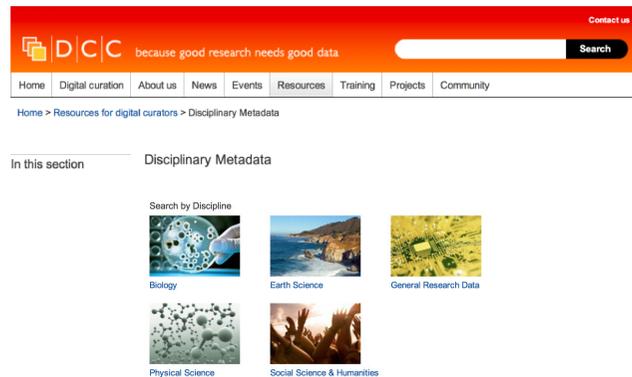


- 26 participants; 15 countries, 4 continents
- Infrastructure Models and Frameworks, Usage and Tracking, PID (Persistent Identifiers), Applications

<http://dcevents.dublincore.org/IntConf/index/pages/view/camp-4-data-cfp>



Partnering with DCC Disciplinary Metadata Directory



- Survey to enhance DCC
Sean Chen and Cristina Perez, Metadata Research Center, SILS-Univ. of North Carolina @ Chapel Hill
- Within ~ 2 weeks period 31 responses
18 contributions (14 new standards, 4 extensions)
13 new tools for generating metadata
 - *Note, US government shutdown*
 - Emphasis on 'Metadata Standards' not schemes
 - Survey for contributions remains open:
<http://bit.ly/1fToaqd>.

<http://www.dcc.ac.uk/resources/metadata-standards>

Contributions from ...

Syracuse University
Purdue University Libraries
National Center for Ecological Analysis and Synthesis
DICE Center, UNC-CH
National Snow and Ice Data Center, Univ. of Colorado
ResearXis-Discinnet
University Medical Center Groningen
Commonwealth Scientific Industrial Research Organisation
Open Microscopy Environment
Rensselaer Polytechnic Institute
Newcastle University
UK Data Archive
US Virtual Astronomical Observatory / Space Telescope Science Institute
EDINA, The University of Edinburgh
U. S. Geoscience Information Network
Met Office, UK
IMOS/AODN Integrated Marine Observing System/Australian Ocean Data Network
NRCan/GeoConnections

Standards

ClinicalTrials.gov Protocol Data Element Definitions (DRAFT)
FITS (Flexible Image Transport System)
GenDMS
Genome Metadata
GEOSS Standards Registry
Journeau
Observ-OM
Observations and Measurements
Open Archives Initiative
PROV
QuDEX
Resource Metadata for the Virtual Observatory
WCS - World Coordinate System
The Gulf of Mexico Research Initiative Information and Data Cooperative (GRIIDC)

Survey results
continued

Metadata Interest Group

Lead: Keith Jeffery

- Long-term – Umbrella across WGs and IGs with an interest in metadata
- Specifically for interoperation
 - Diversity of metadata of research datasets
 - Lowest common level of metadata for discovery, interoperation, and re-use
 - Metadata interoperation to connect communities at this level: DC, DCAT, ICAT, INSPIRE, CKAN, eGMS
 - Already CERIF mappings to all of these (ENGAGE Project)
- Actions
 - Read the charter
 - Join the IG (webpage)
 - Indicate interests – especially co-membership of RDA WGs, IGs
 - Propose areas of activity

Join Us in Dublin!



**Third Plenary for the Research Data Alliance
in Dublin, Ireland on March 26 to 28, 2014**



- Metadata Standards Working Group
- Metadata Interest Group