

[Documentation Cluster - March 2013 Telecon](#) [1]

Submitted by Krbm on Thu, 2013-02-21 15:29 Wednesday, March 20, 2013 - 12:00 to 13:00

Event: [Telecon Minutes](#) [2]

Session Type: [Other](#) [3]

Media/Video: [Streaming recording](#) [4]

[Download recording](#) [5]

Collaboration Area: [Documentation](#) [6]

Abstract/Agenda:

1) attributes in the NASA flavor (Ted)

2) Action Items

Notes:

- Both Ed and Walt had problems editing the wiki due to log in issues. Now able to log into the wiki site with either wiki or common's username/password - Erin (or support) will let them know when this is fixed.

- o To do items were finished, but were not uploaded

ECHO Additional Attributes and ISO (Ted - slides presented)

- ISO19115 is generic metadata but does not accommodate all applications

- o The important characteristic of ISO is that it includes extensions and standard descriptions of how to create extensions

- o It would be better for places like NASA and NOAA to develop their own conventions to become extensions than to have to adopt new extensions from ISO

- ECHO has 149 structured attributes and 327 additional attributes

- o Name is the unique identifier, data type is the type (string, float, etc)

- § Provides complete information additional attributes

- § Adapt the ECHO model for NASA and ISO

- o There is no non-semantically linked identifier or description of what the attribute is (type)

- § Most common type 'process version'

- § Each attribute name is unique to each science team or group

- o Do not include the kind of information the additional attributes contains

- § This is need to place the attributes in ISO - need to know what it is

- § Sometimes names give category (ex. Instrument Information)

- § Some have place in ISO and ECHO - want to be put in the right place within the model

- § Other attributes have categories they fit in, but do not fit into the standard

- § Most common additional attribute from ECHO is content type (80 of 327 that are not classified)

- ECHO xml
- o Problem - no attribute type, no identify (only name - not semantic-less id)
- o Difficulty with reuse - separate definition and value - not generalized concept
- Use EOS to id in ISO
- o Add type code from code list
- o Data type should also be a code list
- o Add an identifier - unique code - can be a doi for each additional attribute (object ID that is digital)
- o These formalize the approach taken in ECHO
- ISO 19139 encoding rules provide standard ways of referencing objects and pieces of objects
- o Change ECHO to EOS to add additional attributes
- o If start with capital letter - is object - has ID and/or UUID
- § Id is an xml id - it functions in xlink and xml
- § Uuid is like a doi - function outside of xml -
- o If start with lowercase letter - is a role - has reference to objects which has ID
- o In ISO has role, object, role, object...
- Matt - question - is this a collection or a granule - serving both collection and granule level
- MI_Acquisition Info - part 19115-2 recommendations
- o NASA has special needs
- o Add addition property types to Platform and Instrument - under Property Type/ Property
- Alek -question - how add sensor data
- o Either reference outside data (citation)
- o Or embed it within the file
- Extension for 19115-2 will occur in about 1 year - NASA needs to develop these not have htem done for them
- Ted is moving to HDF (leaving NOAA) - no negative changes for cluster (only good changes)
- Next meeting April 17 at noon

Actions:

none

Session Leads:

Name: [Ted Habermann](#) [7]

Organization(s): [NOAA](#) [8], [NGDC](#) [9]

Presenters:**Name:** [Ted Habermann](#) [7]**Organization(s):** [NOAA](#) [8] , [NGDC](#) [9]**Notes takers:****Name:** [Kelly Monteleone](#) [10]**Organization(s):** [University of New Mexico](#) [11]**Email:** [krm@unm.edu](mailto:krbm@unm.edu) [12]**Participants:**

Erin Robinson, Kelly Monteleone, Mat Cechini, Ed Armstong, Ted Haberman, Aleksander Jelenak, Katie Baynes, Valerie, Walt Baskin, Dan Pilone, and Heather Brown

Creative Common License: Creative Commons Attribution 3.0 License**Accepted:****Source URL:** <https://commons.esipfed.org/node/1429>**Links**[1] <https://commons.esipfed.org/node/1429>[2] <https://commons.esipfed.org/taxonomy/term/284>[3] <https://commons.esipfed.org/taxonomy/term/321>[4] <https://esipfed.webex.com/esipfed/ldr.php?AT=pb&SP=MC&rID=66053937&rKey=482e48b7afab0f8a>[5] <https://esipfed.webex.com/esipfed/lsr.php?AT=dw&SP=MC&rID=66053937&rKey=7c918be321afb485>[6] <https://commons.esipfed.org/collaboration-area/documentation>[7] <https://commons.esipfed.org/node/277>[8] <https://commons.esipfed.org/taxonomy/term/242>[9] <https://commons.esipfed.org/taxonomy/term/267>[10] <https://commons.esipfed.org/node/430>[11] <https://commons.esipfed.org/taxonomy/term/297>[12] [mailto:krm@unm.edu](mailto:krbm@unm.edu)