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]
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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 xlinks 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]
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Participants:

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

Accepted:

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