

July 2013 Documentation Telecon [1]

Submitted by Krbm on Wed, 2013-07-17 13:55 Wednesday, July 17, 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:

The agenda is a review of the summer meeting sessions

(Note: See all ACDD-related telecons at <http://commons.esipfed.org/taxonomy/term/983> [7])

Notes:

July 2013 Documentation Telecon

Attendees: Ted Haberman, Ed Armstrong, Curt Tilmes, Kelly Monteleone, Erin Robinson, Mike McCann, Bob Simon, Phil Jones, Lindsay, Walt Baskin

- Documentation had sessions at the ESIP summer meeting last week – they went well
 - o 1st – lessons learned included GRIST, G6, CF & Data issues
 - o 2nd – ACDD – need to get Dave’s presentation up as there were technical problems on webex.
- § Ted and Ed presented real world examples
 - o Dave’s presentation suggested that documentation might move towards CF, but Ed though we had agreed to move to OGC standards
- ACDD – needs steering committee meeting to discuss name changes (suggested by John)
 - o Minimized changes in names in ACDD 1.2 and address these in 2.0
- Bob – stresses the need for backwards compatibility
 - o Avoid duplicating or replacing names
- Mike – focus on clarity/meaning of terms (need to work on definitions) because people come at this terms from different directions
 - o Ex. contributor is principle investigator (PI) in ISO
 - o Need better fit in ACDD for people
- Bob – ‘contributor role’ is gone from website
 - o Ted – John added a “information” field and removed ‘contributor role’
- Mike – want to flatten into ACDD
 - o Gulf of Mexico Research group has a tool for ISO metadata that has 3 ‘roles’
 - o Ted – there are a large number of roles in ISO, ~20
 - o In ACDD need 20 x 3 attribute names (name, email, url)

- o Ed – groups will help organize ‘role’ into discrete ‘objects’
- o ACDD 2.0 will have objects
 - Mike – what about legacy data like NetCDF3
- o If flatten, all people can be put into ‘ResponsibleParty_role_name’ (or email, organization, etc).
- o To have organization in NetCDF3 – need all roles clarified
- § If the attribute is PI_name then parser won’t know that this is a person
- § Also a problem if there are more than 1 PI or user support person
- § HDF has unique names
 - Walt – attribute values in ACDD of a name can be an array of strings
- § Ted – then have to match an array of strings across attributes (... email, position name, institution) – properties of people
- § (primary is 1st in list)
- o Ted – if information designed with delimiters in items – it causes problems with the design (Ed – it gets messy fast)
 - Mike – there are real limitations in flat data models – want a simple flat model
- o New HDF conversion – when group node – can have multiple instances in group with same name
- o ‘groupname_attribute’
 - Ted – maybe ‘_’ is a problem, could use “.” – Mike or “__”.... These all cause other issues
 - When is OceanSite going to use NetCDF4 (asked to Mike)?
- o It isn’t even on the radar – looking at NetCDF3
- o Will have to live with a flat data model
- o Strategy is to use a dumbed down ACDD that might spur a move to NetCDF4
 - Bob – does this mean we need to either flatten ACDD or not support other file types – because groups are only in HDF5 or NetCDF4 extended.
- o do we need a list of other file types?
 - ACDD 1.2 will be a flat model
 - ACDD 2.0 will have objects (there will be a separate ACDD 2.0 that is flattened)
 - Walt – if 1st had list of group (like a group parameter) that listed prefixes – then could clearly see different between groups and attributes
- o Even if 100s of groups – would be able to decode the structure
- o Like a map of how groups are put together
 - Ted – in terms of flattening mechanisms – we need 3 – 4 to start testing (hopefully not 40-50)

- o Bob – need only 1 flattening method
- o Ted – yes, but need 4 or 5 so we can find the best
 - Mike – need to ensure “lineage” information is not lost when move
- o Ted’s example last week had 9+ objects ... all of them are needed
- o xml and json have methods to parse
- o currently only have object (which is “group”), but need type for group – such as role, lineage, identities.
 - Bob – has 3 issues
- o Want statement of “backwards compatibility” from this group
- o Limit versions of ACDD
- o Are we really just moving to HDF5 or will ACDD remain for file that do not include groups
 - Mike – felt that ACDD 1.2 is going backwards
 - Ted – only Ted has commented on John’s discussion and ACDD edits
- o Bob – we need a system to review edits like CF so we can propose changes
- o Such as minicode changes are not added until formal agreement is reached... something like Jira (sp?)
- o Link to ACDD discussion on wiki -
[http://wiki.esipfed.org/index.php/Talk:Attribute_Convention_for_Data_Discovery_\(ACDD\)_Working](http://wiki.esipfed.org/index.php/Talk:Attribute_Convention_for_Data_Discovery_(ACDD)_Working) [8]
 - On the ACDD page – the definitions say “an include any information as ISO 19139 or free text”. This is not helpful, need more information
 - Currently the ‘watch’ function on the wiki is not working... but recommend watching the ACDD discussion
 - Next meeting
- o Rich
- o Maybe discussion – ACDD 1.2 finalize and definitions
- o Algorithms for flattening – may need wiki page
- o Other file formats – think about if we don’t need formal discussion of this
 - Next meeting Aug 21 – noon EDT

Actions:

Algorithms for flattening – may need wiki page (anyone)

Session Leads:

Name: [Ted Habermann](#) [9]

Organization(s): [NOAA](#) [10], [NGDC](#) [11]

Notes takers:

Name: [Kelly Monteleone](#) [12]

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Participants:

Ted Haberman, Ed Armstrong, Curt Tilmes, Kelly Monteleone, Erin Robinson, Mike McCann, Bob Simon, Phil Jones, Lindsay, Walt Baskin

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Accepted:

Keywords: [ACDD](#) [15]

Source URL: <https://commons.esipfed.org/node/1710>

Links

[1] <https://commons.esipfed.org/node/1710>

[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=69100652&rKey=d71045ca2da06e02>

[5] <https://esipfed.webex.com/esipfed/lsr.php?AT=dw&SP=MC&rID=69100652&rKey=12bdca17e2495a04>

[6] <https://commons.esipfed.org/collaboration-area/documentation>

[7] <http://commons.esipfed.org/taxonomy/term/983>

[8] [http://wiki.esipfed.org/index.php/Talk:Attribute_Convention_for_Data_Discovery_\(ACDD\)_Working](http://wiki.esipfed.org/index.php/Talk:Attribute_Convention_for_Data_Discovery_(ACDD)_Working)

[9] <https://commons.esipfed.org/node/277>

[10] <https://commons.esipfed.org/taxonomy/term/242>

[11] <https://commons.esipfed.org/taxonomy/term/267>

[12] <https://commons.esipfed.org/node/430>

[13] <https://commons.esipfed.org/taxonomy/term/297>

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[15] <https://commons.esipfed.org/taxonomy/term/983>