August Documentation Telecon 2014 **[1]**

Submitted by Krbm on Thu, 2014-06-19 15:26   Thursday, August 21, 2014 - 14:00 to 15:00
Event: Telecon Minutes [2]
Session Type: Other [3]
Collaboration Area: Documentation [4]
Abstract/Agenda:
1) Follow-up for ESIP summer meeting
2) Improving metadata compliance for earth science data records (Ed)

3) prepare the summary issues for ACDD
   (Note: See all ACDD-related telecons at http://commons.esipfed.org/taxonomy/term/983 [5])
4) TBA

Notes:
1)   Follow-up for ESIP summer meeting

·   Went very well with Documentations sessions – they were integrated more into the rest of ESIP

2)   Improving metadata compliance for earth science data records (Ed/ Oliver Chang)

Automating Metadata Compliance Checker

·   CF Checker – console text dump – opaque –"this might be wrong"

·   THREDDS UDDC – detailed, color, descriptions

·   GDS2 Validator – checks for existence/type – lots of text

o   Developed for GRIST – it has a very specific purpose

·   IOOS Compliance checker by Dave Foster – this was used as a model – has detailed messages

·   THIS MODEL

o   Checks CF, ACDD, IOOS

o   CF portion uses IOOS as a black box but rewritten ACDD and GDS2 checkers

o   Checks are designed in data driven way

o   Uses python dics – hierarchical

·   Example – GRIST NetCDF4 file – uses all 3 checkers

o   Color coated – green = complete, yellow = partially complete, and red = fail – also has symbols for color blind people

o   Found problem – one part failed because it wasn't comma delimited but it was a hierarchical list

·   If you print the report it will expand all categories

·   Uses ACDD 1.1 – this is described on the main page and includes links to the standards used (and the version)

· GDS2 – LP2 file – also check attributes

· Has a restful API interface to check files programmatically in JSON – can get HTML output

o Designed so you can build a web service that people can add parsers

· Ted and John G both looking for an external filet hat explains how the test is conducted – right now it is just a name and description

· Ted – suggests separate NUG (NetCDF User Group) from CF

· Oliver goes back to school … this will freeze the project

· Ed will work on getting more information out – power point and a few documents will be up on the wiki in the next few weeks, in about a month will have the product released (announced via email)

· Possibly have a winter meeting session about compliance checkers

3) Prepare the summary issues for ACDD – (John G.)

1) Data_*attributes

2) Summary metadata for geo-spatiotemporal ranges

3) Organization of ACDD – still some confusion

· #3 – Phillip Jones – version 1.0 is not up on unidata any more – can it be brought into ESIP wiki

§ Anna – created an ACDD action to do this

o Ajay (NODC) – do not need to use attributes? – will that affect UUD – Anna – need a new scoring for new version

§ Will that be bundled into a new THREDDS release

§ John is not sure about uptake after approval

· #2 – add warning text – vote – no objections (DONE)

Session Leads:　　　　　　　　　　　　**Name:** Ted Habermann [6]
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Accepted:
Keywords: ACDD [18]

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