

Member Nodes - MNDeployment #8254

ABDS - Arctic Biodiversity Data Service (CAFF)

2018-01-26 19:23 - Amy Forrester

Status:	Planning	Start date:	2018-02-12
Priority:	Normal	Due date:	
Assignee:	Amy Forrester	% Done:	10%
Category:		Estimated time:	0.00 hour
Target version:		MN_Date_Online:	
Latitude:	65.68	Name:	Arctic Biodiversity Data Service (ABDS
Longitude:	-18.12	Logo URL:	https://github.com/DataONEorg/member-node-info/blob/master/production/graphics/originals/CAFF.png
MN Description:	The Arctic Biodiversity Data Service (ABDS) is the data-management framework for the Conservation of Arctic Flora and Fauna (CAFF), the biodiversity working group of the Arctic Council, and its programs and activities including the Circumpolar Biodiversity Monitoring Programme (CBMP). It is an online, interoperable data management system that serves as a focal point and common platform for all CAFF programs and projects as well as a dynamic source for up-to-date circumpolar Arctic biodiversity information and emerging trends.		
Base URL:	https://abds.is/	Date Upcoming:	
NodeIdentifier:	urn:node:ABDS	Date Deprecated:	
MN Tier:		Information URL:	https://www.caff.is/
Software stack:		Version:	
Description <p>Conservation of Arctic Flora and Fauna (CAFF - www.caff.is) is the biodiversity working group of the Arctic Council. CAFF has a focus on data management and its Arctic Biodiversity Data Service (ABDS - www.abds.is) serves as the Arctic node in GBIF, OBIS, is the Arctic Biodiversity Observation Network in GEOBON etc</p>			
Subtasks:			
Story # 8358: Discovery & Planning (CAFF)			In Progress
Task # 8359: Initial Communications			Closed
Task # 8360: Feasibility Assessment			Closed
Task # 8523: CAFF: Technical Requirements & Design Planning			In Progress
Task # 8531: Training & education			New
Story # 8521: CAFF: Testing & Development			New
Task # 8522: CAFF: MN Communications			In Progress

History

#1 - 2018-01-26 19:26 - Amy Forrester

1/26/2018: Tom Barry (tom@caff.is) contact via <https://www.dataone.org/contact>.

I work with the Conservation of Arctic Flora and Fauna (CAFF - www.caff.is) which is the biodiversity working group of the Arctic Council. CAFF has a focus on data management and its Arctic Biodiversity Data Service (ABDS - www.abds.is) serves as the Arctic node in GBIF, OBIS, is the Arctic Biodiversity Observation Network in GEOBON etc I was reading about your initiative and wondered if there was an interest from DataONE to arrange a call to discuss potential cooperation.

#2 - 2018-01-30 21:59 - Amy Forrester

- % Done changed from 0 to 80
- Status changed from New to In Review

#3 - 2018-01-31 20:11 - Amy Forrester

- % Done changed from 80 to 10
- Status changed from In Review to Planning

#4 - 2018-04-03 17:43 - Amy Forrester

- Subject changed from Conservation of Arctic Flora and Fauna (CAFF) to CAFF - Conservation of Arctic Flora and Fauna

#5 - 2018-04-06 14:34 - Dave Viegla

- Description updated

#6 - 2018-04-06 15:51 - Amy Forrester

- File MN Description-CAFF.docx added

#7 - 2018-04-11 16:08 - Amy Forrester

- Base URL changed from <https://www.caff.is/> to <https://abds.is/>
- Information URL set to <https://www.caff.is/>
- Logo URL set to <https://github.com/DataONEorg/member-node-info/blob/master/production/graphics/originals/CAFF.png>
- MN Description set to The Arctic Biodiversity Data Service (ABDS) is the data-management framework for the Conservation of Arctic Flora and Fauna (CAFF), the biodiversity working group of the Arctic Council, and its programs and activities including the Circumpolar Biodiversity Monitoring Programme (CBMP). It is an online, interoperable data management system that serves as a focal point and common platform for all CAFF programs and projects as well as a dynamic source for up-to-date circumpolar Arctic biodiversity information and emerging trends.
- Longitude set to -18.12
- Latitude set to 65.68

#8 - 2018-04-11 20:36 - Amy Forrester

- Name set to Arctic Biodiversity Data Service (ABDS)
- Subject changed from CAFF - Conservation of Arctic Flora and Fauna to ABDS - Arctic Biodiversity Data Service

#9 - 2018-04-13 13:38 - Amy Forrester

- Subject changed from ABDS - Arctic Biodiversity Data Service to ABDS - Arctic Biodiversity Data Service (CAFF)

#10 - 2018-05-02 20:07 - Amy Forrester

- NodeIdentifier set to urn:node:ABDS

#11 - 2019-09-10 12:48 - John Evans

I took a brief look at this. A "slendernodes" approach would be fairly easy.

There is an RSS feed available at <http://geo.abds.is/ipt/rss.do> that provides links to the metadata documents and also provides publication dates.

There are 70 documents in total, EML 2.1.1 format. All but one validate. That one document that does not validate has a single invalid URL (has embedded brackets, which violates RFC 2396, easily fixable).

#12 - 2019-09-10 20:09 - John Evans

I was somewhat mistaken, what I reported on was only part of the ABDS repository. There are two parts, the IPT part (described above), and also a "Geonetwork" part. In the geonetwork part, there are 311 documents. There's some indication that geonetwork installations provide OAI-PMH

access, but I'm not smart enough to figure that out, apparently.

It wasn't too hard to figure out a REST access to the metadata, however. I was able to access all 311 documents programmatically. Most but not all appear to have regular gmd format, but none of them validate due to a variety of issues. An example reported by our validation:

```
2019-09-10 16:00:58,483 - schema_org.xml_validator - INFO - Running validation against all format IDs.
2019-09-10 16:00:59,094 - schema_org.xml_validator - ERROR - XML document does not validate. Errors and warnings:
  <string>: Line 76: Element '{http://www.isotc211.org/2005/gco}Date': '' is not a valid value of the union type '{http://www.isotc211.org/2005/gco}Date_Type'.
  <string>: Line 86: Element '{http://www.isotc211.org/2005/gco}Date': '' is not a valid value of the union type '{http://www.isotc211.org/2005/gco}Date_Type'.
  <string>: Line 268: Element '{http://www.opengis.net/gml}TimePeriod': This element is not expected. Expected is one of ( {http://www.opengis.net/gml/3.2}AbstractTimePrimitive, {http://www.opengis.net/gml/3.2}TimeInstant, {http://www.opengis.net/gml/3.2}TimePeriod, {http://www.opengis.net/gml/3.2}TimeNode, {http://www.opengis.net/gml/3.2}TimeEdge ).
  <string>: Line 363: Element '{http://www.isotc211.org/2005/gco}Date': '' is not a valid value of the union type '{http://www.isotc211.org/2005/gco}Date_Type'.
  <string>: Line 376: Element '{http://www.isotc211.org/2005/gco}Boolean': 'undefined' is not a valid value of the atomic type 'xs:boolean'.
```

This particular document can be accessed at <http://geo.abds.is/geonetwork/srv/eng/xml.metadata.get?id=518>

Furthermore, 71 of the 311 appear to be a Dublin Core variant but still do not validate. Such an example can be found at <http://geo.abds.is/geonetwork/srv/eng/xml.metadata.get?id=2702350> . It appears to be something like OAI-DC?

#13 - 2019-09-17 14:31 - John Evans

The more I look at it, those 71 documents look like they could be translated into a valid document with format ID <http://ns.dataone.org/metadata/schema/onedcx/v1.0> , just like we are looking at with CUAHSI.

Files

MN Description-CAFF.docx	295 KB	2018-04-06	Amy Forrester
--------------------------	--------	------------	---------------