Discovery Feb 2012 **[1]**

Submitted by superadmin on Wed, 2012-04-25 21:51   Tuesday, February 14, 2012 - 16:00
Event: Telecon Minutes [2]
Session Type: Business Meeting [3]
Collaboration Area: Discovery [4]
Abstract/Agenda:

- Recap of Winter Meeting (if needed)
- Status of new DCPs
    - DCP-4: Use of xlink attributes in Atom <link> tags
    - DCP-5: Use of OpenSearch <Query> tags for valid parameter values
    - DCP-6: Replace overloaded time:start and time:end tags with dc:date
    - DCP-7: define error handling best practices

Notes:

Recap of Winter Meeting (if needed)

DCP-4: Use of xlink attributes in Atom <link> tags

- Current Version: DCP-4: OPeNDAP Links in the Atom <link/> element [5]
- Potentially use "role" and "arcrole" from xlink to capture all the semantics of DCP-3.
- Should we change DCP-4 to the current OPeNDAP suggestion, or should there be a separate DCP for the more general case of DCP-4?
- Brian suggests a separate DCP for the general case (e.g., using "arcrole"), this will be coming in DCP-5
    - Basically, covering the case where service casts refer to collections, or collection casts referring to services
- Returning a collection cast is a different use case from returning OPeNDAP response
- Pedro suggests you don't need to use something like arcrole, IANA has registered mime types and rels that should cover everything
- Summary -> DCP-4 will use xlink role, DCP-5 will use xlink role and arcrole

DCP-5: Use of OpenSearch <Query> tags for valid parameter values

- Likely renamed to DCP-8
- Li is interested in this, will be in contact with Ruth Duerr and Discovery mailing list for further information

DCP-6: Adopt Dublin Core Date Specification in Atom Response

- Current version: DCP-6: Adopt Dublin Core Date Specification in Atom Response [6]
- More aligned with OGC use of OpenSearch
- dc:date refers to "point or period of time for an event associated with a resource"
- should we use the convention that the parameter and XML element should match?
- dc:date is more standard than the OpenSearch parameters
- time:start and time:end were only standardized as "queryable"
- which does ESRI prefer or suggest based on client development?
    - ESRI would align more with the dc approach (since there is already a dc:date XML element)
    - Not a big deal either way, but prefer things that may become standardized
- another option (considered by OGC) is using gml, but this is more complex
- Brian seeking connection between parameters and response elements in OSDD; however, OSDD does not support this
    - Only potential mechanism is "rel" and "type"
- Eric also suggests using the "rel" list capabilities of OpenSearch to tell clients of this

"convention"
- The response may not actually echo all the values for search parameters
- Another avenue is to use the Query tag is someway
- Could use the <atom:Content> tags to put whatever data you want

DCP-7: define error handling best practices

- There is no standard for how errors will be handled
- Formally adopt HTTP 1.1 status codes
- HTTP 400s cover client side, 500s cover server side
- Lots of different options for responses, Atom response containing error, HTTP error code, etc.

Originally posted on the wiki: http://wiki.esipfed.org/index.php/Discovery_Telecon_2012-02-14 [7]

Session Leads:

Name: Chris Lynnes [8]
Organization(s): NASA Goddard Space Flight Center [9]
Email: christopher.s.lynnes@nasa.gov [10]

Name: Hook Hua [11]
Organization(s): Jet Propulsion Lab [12]

Notes takers:

Name: Eric Rozell [13]
Organization(s): Rensselaer Polytechnic Institute [14]

Participants:

- Chris Lynnes
- Hook Hua
- Brian Wilson
- James Gallagher
- Erin Robinson
- Ken Keiser
- Li
- Nga Chung
- Pedro Goncalves
- Christine White
- Chris Mattmann
- Eric Rozell
- Call-in User_5

Creative Common License: Creative Commons Attribution 3.0 License

 Source URL: https://commons.esipfed.org/node/387

Links
[1] https://commons.esipfed.org/node/387
[2] https://commons.esipfed.org/taxonomy/term/284
[3] https://commons.esipfed.org/session-type/business-meeting
[4] https://commons.esipfed.org/collaboration-area/discovery
[5] http://wiki.esipfed.org/index.php/DCP-4
[6] http://wiki.esipfed.org/index.php/Discovey_Change_Proposal-6
[7] http://wiki.esipfed.org/index.php/Discovery_Telecon_2012-02-14
[8] https://commons.esipfed.org/node/234
[9] https://commons.esipfed.org/taxonomy/term/246

[10] mailto:christopher.s.lynnes@nasa.gov

[11] https://commons.esipfed.org/node/255

[12] https://commons.esipfed.org/taxonomy/term/197

[13] https://commons.esipfed.org/node/292

[14] https://commons.esipfed.org/taxonomy/term/221