Semantic Web February 2012 **[1]**

Submitted by superadmin on Wed, 2012-04-25 22:50   Tuesday, February 28, 2012 - 16:00

Event: Telecon Minutes [2]
Session Type: Business Meeting [3]
Collaboration Area: Semantic Web [4]
Abstract/Agenda:

- Introductions

- Update on Ontology repository proposal to Products and Services

- Current Activities
  - ESSI-LOD
  - ESIP network

- Update on New Activities
  - ToolMatch [5], an effort to use ontologies and linked data to match tools and services with data.
  - White paper [6] on semantic web usage in Earth Science
  - OPeNDAP support of RDF

- Navy SemWeb showcase (NASA tech. infusion, and ESIP) - Hook

Notes:

- Ontology Repository
  - Peter: Products and Services has approved request for an ESIP cloud-based ontology repository. Project is on track to approval and currently in Finance Committee

- AGU/ESIP LOD
  - Tom: AGU is now very interested in Linked Open Data. AGU would like to deploy infrastructure to host RDF data. They are interested in having discussions with other agencies - EGU and AMS were mentioned - to create additional RDF and host at AGU triple store. Eric and Tom are continuing discussions with AGU to develop the required infrastructure and assist in RDF generation.
  - Tom: There is a possibility that our linked open data browser could be a scheduling/browsing app used at the next Fall Meeting. Discussions continue with AGU.
  - Peter: As a cluster we should unlock as much data as possible as expose as linked data
  - Chris: Use cases are important and should guide the creation of linked data and applications
  - Eric: Interesting use case would be to have telecon instances with annotations to the projects that were discussed
  - **Action Item: There was general agreement that exposing cluster data as RDF LOD is a good idea. Discussions will continue as to use cases and priorities.**

- ESIP Commons
  - Erin gave a demo and overview of the Commons

- Tool Match
  - Chris discussed the Tool Match project [5] and efforts to link tools to data via semantics
  - An initial ontology model [7] was presented
  - **Action Item: Volunteers are needed to review the current model - Eric and Ruth volunteered, more volunteers are welcome**
  - Eric's suggested model updates [8]

- Semantic Web in Earth Science White Paper
  - Chris created a wiki page [6] to highlight Semantic Web apps within Earth Science
  - Currently it is not complete and additional articles are requested
  - **Action Item: Hook will provide a provenance article and Ruth will provide sea ice article**
  - Peter: this page should be reviewed and updated regularly. It should be a place that everyone can point to when asked about semantic web applications

- Opendap and RDF
  - James discussed opendaps ability [9] to output RDF.

- Navy SPAWAR Workshop
  - Hook described the upcoming NAVY SPAWAR workshop to be held March 20 and 21. Day 1 is a government to government discussion and day 2 is conference style discussions. Hook will be presenting NASA and ESIP semantic web applications
  - **Action Item: Hook needs 1 slide from anyone who wants their application mentioned. Slides should discuss the problem that was solved via semantics and possibly the collaborative nature of solving the problem.**

Session Leads:

Name: Peter Fox [10]
Organization(s): Rensselaer Polytechnic Institute [11]

Notes takers:

Name: Tom Narock [12]
Organization(s): University of Maryland Baltimore County [13]

Participants:

Peter Fox, Curt Tilmes, Brian Wilson, Erin Robinson, Hook Hua, James Gallagher, Bob Downs, Ruth Duerr, Eric Rozell

Creative Common License: Creative Commons Attribution 3.0 License

Source URL: https://commons.esipfed.org/node/403

Links

[1] https://commons.esipfed.org/node/403
[2] https://commons.esipfed.org/taxonomy/term/284
[3] https://commons.esipfed.org/session-type/business-meeting
[4] https://commons.esipfed.org/collaboration-area/semantic-web
[5] http://wiki.esipfed.org/index.php/ToolMatch
[6] http://wiki.esipfed.org/index.php/Applications_of_Semantic_Web_for_Earth_Science
[7] http://wiki.esipfed.org/index.php/ToolMatch_Model
[8] http://wiki.esipfed.org/index.php/ToolMatch_Proposal_0.2
[9] http://wiki.esipfed.org/index.php/Applications_of_Semantic_Web_for_Earth_Science#OPeNDAP.27 s_Hyrax_Data_Server_Provides_RDF
[10] https://commons.esipfed.org/node/327
[11] https://commons.esipfed.org/taxonomy/term/221
[12] https://commons.esipfed.org/node/293
[13] https://commons.esipfed.org/taxonomy/term/205