

## [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:

- 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
- Ontology Repository
  
- 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]

- Chris created a [wiki page](#) [6] to highlight Semantic Web apps within Earth Science
- Semantic Web in Earth Science Write Piles 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

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

- 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 Navy SPAWAR workshop 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

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[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](http://wiki.esipfed.org/index.php/Applications_of_Semantic_Web_for_Earth_Science)

[7] [http://wiki.esipfed.org/index.php/ToolMatch\\_Model](http://wiki.esipfed.org/index.php/ToolMatch_Model)

[8] [http://wiki.esipfed.org/index.php/ToolMatch\\_Proposal\\_0.2](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.27s\\_Hyrax\\_Data\\_Server\\_Provides\\_RDF](http://wiki.esipfed.org/index.php/Applications_of_Semantic_Web_for_Earth_Science#OPeNDAP.27s_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>