

Web Services Workshop conference call – 7/26/07

Attendees: Jim Manning, Anne Ball, Bob Branton, Tom Gale, Tom Shyka, Steve Hale

Meeting Notes:

Review framework and get feedback.

Proposed framework:

To use this workshop to educate ODP members on the role web services play in meeting the ODP objective of making our data accessible and interoperable. In particular, we hope to provide education about key web services protocols of significance in the domain of ocean observing, namely the Open Geospatial Consortium (OGC) standards, Ocean Biogeographic Information System (OBIS/DiGIR), and the EPA's National Environmental Information Exchange Network (NEIEN). The outcome of the meeting should be that we identify a use case that would motivate an ongoing Interoperability Experiment that integrates data from data sources using these three groups of web services standards.

Rough Agenda for workshop:

- Web Services concepts overview
- Lab experiment with some commonly used web services
- Review of key Open Geospatial Consortium web services (likely WMS, WFS, SOS)
- Lab experiment retrieving data from OGC data sources
- Review of OBIS / DiGIR web services
- Lab experiment retrieving data from OBIS / DiGIR data sources
- Review of NEIEN web services
- Lab experiment retrieving data from NEIEN data sources
- Brainstorm possible use cases to motivate the creation of an ocean observing information product that presents data from OGC / OBIS / NEIEN data sources in an integrated fashion

Discussion: Should we define some sample cases in advance for each type of web service? If we are creative, we could coordinate the cases so that the end result of all of the labs is a set of information that will work together and inspire the discussion of the ultimate interoperability experiment. Alternately, we could try to the same demo three ways.

The shrimp demo is a possible example of what could be followed up on as a demonstration rather than starting over. This demo doesn't currently utilize the various web services in question, so would need to be modified.

In general, there was agreement that this approach to the workshop was acceptable. Next step was to come up with a draft set of queries that could be used with each protocol (Tom Gale/Bob Branton).

Discussion on whether OpenDAP is a web service that should be considered. Tom Gale to discuss this with Philip and get back to the attendees.

Discuss dates.

The original date suggestion in mid-October is no longer suitable. Discussion concluded that October 29/30 were the best dates. Question as to whether the conference for regional associations that will take place the prior week will influence whether people can attend. Sylvia to send out save the date email and notify people if there is significant conflict with the date.

Discuss workshop format

Planning on at least one and ½ day workshop at minimum, possibly two days. Financing for attendance from Canada will be through GoMOOS or ACT funds. Bob Branton noted that OBI conference on Oct 2-4 will cover topics of value to this conference. GoMOOS will cover travel/hotel/meals for at least one person from each partner to attend. GoMOOS is going to invite people from other IOOS regional associations, which will make the scope a bit more national.

Discuss location (Pease Tradeport (if available) or Portland – USM)

Pease is the preferred location. Issue is wireless access. We need to find out if we can utilize their network access points. Sylvia will get with Deb Soule to determine availability/options.