

## [Discovery Telecon 2012-04-10](#) [1]

Submitted by Rozele on Wed, 2012-10-31 13:58 Tuesday, April 10, 2012 - 16:00 to 17:00

**Event:** [Telecon Minutes](#) [2]

**Session Type:** [Other](#) [3]

**Collaboration Area:** [Discovery](#) [4]

**Notes:**

## Planning for the ESIP Summer Meeting

- Not necessarily bad for Discovery to have limited sessions
  - We don't need as much planning, better to integrate across sessions
- Need to collect participants at the Discovery cluster meetings
- Try to gauge what people are interested in through polling
- Get the code written during the hack-a-thon to become "community property"
  - Could use GitHub
  - Have slides showing how to checkout/checkin code

## [\[edit \[5\]\]](#)Brokering and Beyond - A glimpse at the Future of Global Data Sharing

- Related to Discovery (overview of the concept of brokering)
- More closely aligned with ESC

## [\[edit \[6\]\]](#)Discovery Hack-a-Thon

- Done a lot of work deploying services and working on standards
- Last "missing link" is how to enable more clients to actually use services
- Presenting a few "low-hanging fruit" ways of accessing services
  - Shell script w/ wget/curl
  - XSLT
- Idea is to show people how easy it is to access discovery services
- Ruth: Could it also be about the server-side? What about: "This is all you have to do to service-cast your data"
- Would also include time for the testbed.
  - Want people tinkering with the testbed
- Need to have mentors / teachers for each area
  - Should there be a Perl area, Python area, CSS/XSLT, etc.
- Designate some points of contact for after the session
- Put together a resources page for each "dialect" of the hack-a-thon
  - Also can throw together a presentation for each
  - Ideally, people would be able to bring something home with them
- Ruth could mentor for NSIDC's services / casting tools (at the simple level)
- Email list if you have an OpenSearch service you want to develop clients for
- Thomas could mentor Python
- Some would want to see more "enterprise-level" clients, like Java
- Could give a Groovy example for Java developers
- Best if there were multiple services to test clients on
  - Revisit / update the list of OpenSearch services

## [\[edit \[7\]\]](#)Metadata Casting for Data, Services, & Events/Topics

- Talking about casting standards

## [\[edit\]](#) **[8]]Open Source Software evaluation - ESRI's Geoportal Usability Test**

- Some discussion of OpenSearch when reporting usability

## [\[edit\]](#) **[9]]Discovery Planning Session - Need to be added?**

- Can this be merged with Brian's Metadata Casting?
- Could do a planning meeting on a telecon
- A lot of the things we are doing for Discovery are overlapping with ESC

## [\[edit\]](#) **[10]]ESIP Testbed: Encouraging Technology Innovation for Earth Science**

- There will be an update from ESRI on discovery testbed performance

## [\[edit\]](#) **[11]]Update on DCPs**

### [\[edit\]](#) **[12]]DCP-4**

- See [Discovery Change Proposals](#) [13]
- This was not merged with DCP-7/8
- Chris will put out poll for this, action item noted

### [\[edit\]](#) **[14]]DCP-5**

- Is Ruth's group interested in writing DCP-5?
  - Ruth's not sure that someone is writing this up
- Since there are no better ideas, Ruth will write up NSIDCs solution to this

### [\[edit\]](#) **[15]]DCP-6**

- This DCP only got 5 votes.
- Chris could have sent out more nag messages

### [\[edit\]](#) **[16]]DCP-7**

- Hook says this is ready for vote
- Hook will be posting the link to the poll
- Polls should be posted on the cluster announcement page

### [\[edit\]](#) **[17]]DCP-8?**

- Brian's generalization of the OPeNDAP links (DCP-4)
- Not sure when this will be done

## [\[edit\]](#) **[18]]Discovery Testbed**

### [\[edit\]](#) **[19]]Amazon Testbed**

- Testbed might be available through Amazon
- There isn't a specific way to deploying a testbed
  - Erin was happy to have ESRI be the guinea pigs for deploying a testbed
- Will be setting up a vanilla GeoPortal on Amazon
- Some outstanding questions:

- How much does it cost?
- How to give people access / logins?
- ....

### [\[edit\]](#) **[20]Contributing to GeoPortal**

- The way to test use cases is to submit services to the GeoPortal
- There were people interested in developing
  - Products and Services team suggested GitHub for SCM
  - Speak up soon if you don't like GitHub!
  - Procedure: Post changes to GitHub and ESRI will test this
- Looking for people willing to test GeoPortal and report bugs / things they don't like
- Looking for people willing to document
- Send Christine your URLs to OpenSearch and data/service casts
- GeoPortal has various roles
  - need to identify people to approve content
  - a technical PoC for Amazon problems

### [\[edit\]](#) **[21]GeoPortal in Summer Meeting**

- GeoPortal may be relevant to Chris Mattmann's open source sessions
  - reply to Chris's request for presentations
- Talk to Steve Brody for information about the broker session
- There may be a "GeoPortal corner" at the Discovery Hack-a-Thon
  - Dedicating 25 minutes may not be possible
- ESRI can get a list of Discovery services from the same page being used for the Hack-a-Thon

### [\[edit\]](#) **[22]"Relax NG" Validator Service**

- Brian is not on the telecon, so this is being pushed to the next telecon

#### **Actions:**

- Anyone: Add your OpenSearch service to the list of servers!
- Chris: Put out poll for DCP-4 at the end of the meeting
- Ruth: Write up NSIDCs solution for valid parameter values for DCP-5
- More detailed planning for the hack-a-thon (logistics/follow-up/etc.)
- Think about offering a VM that people can use to deploy Discovery technologies

#### **Session Leads:**

**Name:** [Christopher Lynnes](#) [23]  
**Organization(s):** [NASA Goddard Space Flight Center](#) [24]  
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**Name:** [Hook Hua](#) [26]  
**Organization(s):** [Jet Propulsion Lab](#) [27]

#### **Notes takers:**

**Name:** [Eric Rozell](#) [28]  
**Organization(s):** [Rensselaer Polytechnic Institute](#) [29]

#### **Participants:**

- Chris Lynnes
- Hook Hua
- Christine White
- Eric Rozell
- Thomas Huang
- Nga Chung
- Ruth Duerr

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