

**NOTES: RDA Map of the Landscape BoF
Denver, CO 17 September 2016**

Belmont Forum:

Undertaking mapping effort to connect global data landscape through the e-Infrastructures and Data management CRA . Will likely portray connections between funding agencies and funded projects.

CODATA- mapping the landscape of research among scientific unions

- Collections of contact with unions
- Progress on data standards
- Supported ontologies
- Usability

Consideration of how to collect information

Contacts for data science commission's, data standards

Initial work is planned for coming year

ARI:

International landscape analysis report

Not concentrated on data infrastructures

RI Research is to conduct or facilitate research

Complimentary axis: technical (how), geographical(where), challenges (why)

ESIP:

Focused earth science and env science challenges

Right now, concerned with mapping our members

Has proposed potential ontology

Topical content indicator-- collaborative RSS feed to bring similar topics together and appear on multiple websites

EarthCube:

Editable webmap and story map portraying information by org. Type and domain specialty.

Users can contribute their information through webform. Ongoing questions of direction and engagement.

Mapping the Arctic Data ecosystem:

Polar region defined by geography rather than discipline-- by nature is very interdisciplinary

RDA: Atlas of Knowledge

Mapping outputs of RDA - bits of technology that occur in infrastructure

AuScope:

Focused on domain data an infrastructure among Australian earth science research projects

Other maps

Open Scholarship Initiative

Edutopia - scholarly communications-based

GEO has a strong interest in this area

Technology

Tech approaches to arctic data mapping

Currently use mind meister - can export resource description framework-> do not use this, use JSON-RD

Also using C-Map ontology edition

Developed a fairly simple viewer that has a concept map

Right now - wanting to not limit the project to one viewer

Goal to do global collaboration

Also to take visual data and input it to code.

Mind meister can be edited

Working with communities of practice to draw in domain expertise

Colleen Strawhacker has developed a bunch of concept maps to link data sets, viewable on a time slider

Purpose of maps

- Understanding relationship between pieces
- Defining and building a path (from a domain to a set of commonly used technologies)
 - What is vision that we want to have?
 - Need to define CLEAR PURPOSE AND OUTCOMES
 - Scale must be considered (no scope creep)
- Present visual overview to provide a point of egress to information

Large challenges:

- not knowing what's out there, finding/accessing different projects
- Overcoming ownership
- Consideration of scale
- Difficulties pinpointing technology, keeping current
- Defining remaining gaps
- Defining organizations

Comments: surprised that no e-infrastructures are mapped

Ways to move forward :

Ideally be organization agnostic

Start with a resource list -

Consider user input -- if people want to input automatically, ask for info clearly and concisely.

(Dublin Core?)

Category, ontologies, and information model are crucial to driving the process

Erin passed on ontologies to Steve Digs - let's put them to the community.

Common mapping methodology

Common ontology

ORCID numbers?

NEXT STEPS

Form interest group

- Rebecca Koskela volunteered to write organizational statement
- Co-Chairs: Erin R, Steve Diggs, Ari

Get representative from each activity - Lesley suggests getting other e-infrastructure orgs involved

Tasks: develop data model, consider/define ontologies