July 14th Meeting notes

Date
14 Jul 2016

Links
Permanent Wiki Page: https://goo.gl/jf5FTp

Attendees
- Graham Triggs, Duraspace
- Sandy Payette (Cornell)
- Muhammad Javed (Cornell)
- Jill Wilson (Cornell)
- Tim Worrall (Cornell)
- Jim Blake (Cornell)
- Benjamin Gross (UNAVCO)
- Paul Friedman (NU)
- Paul Albert (Weill Cornell)
- Matt Mayernik (NCAR/UCAR)
- Steven McCauley (Brown)
- Marijane White (OHSU)
- Ted Lawless (TR)
- Texas A&M
- Greg Burton (Duke)
- Brian Lowe (Ontocale)
- Tim Bieniossek (Temple)
- Rob Nelson (Duke)
- Don Elsberg (CU)
- Nate Prewitt (CU)
- Alex Viggio (CU)

Announcements
- VIVO Conference registration - hotel rate ends this week, 2nd early bird also closing - http://vivoconference.org/
- OpenVIVO updated to VIVO 1.9.0 release candidate code - http://openvivo.org/

Discussion items

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Scholars@Cornell Enhancements

Scholars@Cornell is a new project of Cornell University Library (CUL) that provides linked data and novel visualizations of the scholarly record. Our goal is to enable easy discovery of explicit and latent patterns that can reveal high-impact research areas, the dynamics of scholarly collaboration, and expertise of faculty and researchers. We will present VIZ-VIVO, an extension for the VIVO framework that enables end-user exploration of a scholarly knowledge base through a configurable set of data-driven visualizations. Our work explores the power of visual metaphors for navigating a rich semantic network of scholarly data modeled with the VIVO-ISF ontology. We produce dynamic web pages using D3 visualizations and bridge the user experience layer with the underlying semantic triplestore layer. We discuss our process for selection, design, and development of an initial set of visualizations as well as our approach to the underlying technical architecture.

Notes

Scholars@Cornell
- Sandy, Javed, Jill, Tim
- Framed as “System of Systems”
Fed via Elements
Visualizations in D3
  • Collaborations
  • Grants
  • Subject Areas
    • Based on Web of Science
    • Subject area chord linked to people list
  • Person keyword cloud
• This year - first three units
• Still looking for scaling issues

Questions:

Q. Are the visualizations data being pulled out of SOLR?
A. Jim Blake build a data API in Java -- multiple sources -- SOLR, 3store, files, other. Currently, we have no examples of data coming from SOLR, but that kind of flexibility was one of the driving forces behind the API.

Q. Are the individual profile pages still freemarker based or?
A. Standard VIVO / Freemarker pages

Q. What process is used to pull data from Elements into VIVO? Elements harvester? (x2)
A. Joe working on this - not available today

Q. Do you have standard identifiers?
A. Capture identifiers in Elements and the triple store.

Q. How are subject areas curated in order to display this without confusing the end users? WOS Terms vs pubmed vs other vocabularies?
A. Using WOS Terms and mapping them to FAST.

Q. Elaborate on how new system will overcome institutional policies that were barriers to original vivo implementation?
A. Jill working with pilot partners - making people realise it's everyone's responsibility. Admin people acting as surrogates in the research units.

Q. thoughts into tracking success of the new viz tools? Eg google analytics tracing of javascript
A. Planning to use Google Analytics.

Q. Plans to integrate this into a future VIVO version?
A. Jim has pull request for the back end. Need to think about what is is right for integrating the UI.

Sandy: hoping this becomes a VIVO interest group (task force?) to move discussion forward
Javed: all data for Scholars@Cornell visualizations is coming from VIVO-ISF ontology, not muddling in other non-VIVO data sources.

Q: Sandy mentioned categorizing data import anomalies? Would those categorizations be useful shared as lessons learned?
A. Internal wiki - at some point will look to make this information public.

Recent JIRA Tickets
GitHub Pull Requests

https://github.com/vivo-project/Vitro/pull/44 - SPARQL query fix in `IndividualSDB` class (closed)
https://github.com/vivo-project/Vitro/pull/46 - update containsNullOrEmpty() to check if list is empty (closed)
https://github.com/vivo-project/Vitro/pull/48 - [VIVO-1251] Special chars in property group names (closed)
https://github.com/vivo-project/VIVO/pull/35 - [VIVO-1249] Add capability maps for research areas (closed)
https://github.com/vivo-project/VIVO/pull/37 - Remove reference to prototype vivosearch.org (closed)
https://github.com/vivo-project/VIVO/pull/38 - VIVO-1252 Incorporate Cornell's DataDistributor API into core Vitro
https://github.com/vivo-project/VIVO/pull/39 - Fix typo (closed)

Call-in Information

Calls are held every Thursday at 1 pm eastern time – convert to your time at http://www.thetimezoneconverter.com

Date: Every Thursday, no end date
Time: 1:00 pm, Eastern Daylight Time (New York, GMT-04:00)
Meeting Number: 198 167 928

To join the online meeting

Go to https://meetings.webex.com/collabs/#/meetings/detail?uuid=MBN4IM7EJ72J61KLWIMMLJ2K2O-X9UN&rnd=356356.29737

If requested, enter your name and email address.

Click "Join".

1. Call in to the meeting:
   +1-415-655-0001 (Call-in toll number (US/Canada))

2. Enter the access code:
   198 167 928 #