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Virtual Update Notes 8/25 and 8/26 2008 Controlled Vocabulary

Tue, 08/26/2008 - 9:20am — cgries [1]

Participants:
Nicole Kaplan and guest librarian, Inigo San Gil, Duane Costa, James Brunt, Theresa Valentine, Kristin Vanderbilt, Wade Sheldon, Sven Bohm, Corinna Gries

see attached power point for initial reports:
John Porter on controlled vocabulary working group activities,
Duane Costa on implementation of acutally used search terms analysis in Metacat
Corinna Gries on experimental text analysis in EML files for extracting related terms automatically

Suggested next activities:
Partner with another group that is already developing a thesaurus
partner with librarians who are specialists in the area
develop a 500 word, three level browse application for the LTER Metacat
re-key existing EML files to those 500 words
develop application/database for maintaining this thesaurus, application for new submissions, web-services for accessing

The powerpoint is here: http://intranet.lternet.edu/im/news/committees/working_groups/controlled...
[2]
and more notes can be found here:
http://intranet.lternet.edu/im/news/committees/working_groups/controlled... [3]

And this is the follow-up e-mail from John Porter:
Thanks to everyone for the good VTC's this week! Below is a "charge" for those who are interested in participating in the Controlled Vocabulary/Attribute Definitions Working Group at the upcoming IM meeting.

During the calls we identified a number of potential solutions including:

-- Enhancing searches by using broader, narrower and related terms (either using a wider array of terms as the search key, or evaluating the words in EML documents along with the wider array of terms)

-- Enriching EML documents using keywording tools that use other document content to iteratively suggest words from a controlled vocabulary, thesaurus or ontology

-- Develop a set of LTER "standard" terms, perhaps using a WIKI-like tool, for keywording LTER documents

-- Expanding the current 2-level, 100 term LNO Metacat browse hierarchy to 4-levels and 500-1000 terms.

Your charge (should you choose to accept it) is to develop TWO POWERPOINT SLIDES that captures your vision of what your favorite solution is (it need NOT be in the list above). The slides could include a draft box and arrow diagram of the proposed system or a flowchart for creating the needed products, or just text spelling out the goals and implementation steps.

At the meeting, we'll do a quick review of the favorite systems to start off the discussion with the goal of identifying SOA components that can be recommended to NISAC.

I've posted the presentation from the VTC plus my very, very rough hand-written notes at:
http://intranet.lternet.edu/im/news/committees/working_groups/controlled... [4]

Sorry if I missed anything in the list above (sometimes the ideas came faster than my pen [or brain] could deal with)!

-John Porter

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