DLF TOOLS REGISTRY

Analogous Registries

1) Internet Analysis Tools Registry, supported by The Human Brain Project Harvard University
http://www.cma.mgh.harvard.edu/iatr/

> The goal for this site is to provide a centrally available listing of all image analysis tools that are available to the neuroscience community in order to facilitate the development, identification, and sharing of tools that are of use to the general community.
> To add records you need an account – webpage fill-out form (I think)

2) Open Archives Forum Information Resource Database
http://www.oaforum.org/oaf_db/list_db/list_software.php

> Centrally managed and updated

3) SourceForge
http://sourceforge.net/softwaremap/trove_list.php

> To add records you need an account – webpage fill-out form (I think)

Current State

Template and sample record as XML files

Control vocabularies (in some fields)

XSL stylesheet to convert to HTML for viewing results (allows flexibility of display)

Needed

XSL stylesheet to convert to Dublin Core for making OAI records so that the Registry can be harvested.

Tighter control vocabularies in some fields would be helpful.

If using the WIKI to create and manage the records, we need to express the XML template in WIKI markup, with a conversion script to make the XML from the wiki markup.

Search and display service for the finished data.

Recommendations

One more round of discussion on how best to fill in the template (web form; wiki; xml tool offline). **If WIKI, we could use it simply to display and allow the editing of the raw XML code, with a little WIKI display code window dressing that would get stripped out downstream.**

Put template into use with testers from Aquifer community and feedback observations to the template developers.

Enlist the services of Martha Brogan as a consultant to solicit the data from the Aquifer group (and more widely in the DLF), follow up with those who need encouragement to submit, and write up a summary of the development trends seen in the tools registered.