Purdue University Purdue e-Pubs

Libraries Faculty and Staff Presentations

Purdue Libraries

6-23-2012

Databib: An Online Bibliography of Research Data Repositories

Michael Witt Purdue University, mwitt@purdue.edu

Follow this and additional works at: http://docs.lib.purdue.edu/lib_fspres



Part of the <u>Library and Information Science Commons</u>

Recommended Citation

Witt, Michael, "Databib: An Online Bibliography of Research Data Repositories" (2012). Libraries Faculty and Staff Presentations. Paper 2.

http://docs.lib.purdue.edu/lib_fspres/2

This document has been made available through Purdue e-Pubs, a service of the Purdue University Libraries. Please contact epubs@purdue.edu for additional information.

Databib

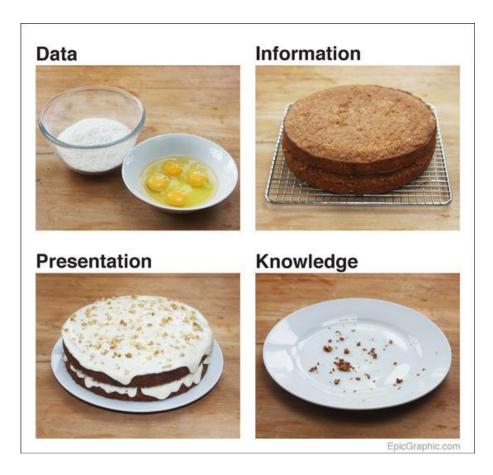
An Online Bibliography of Research Data Repositories

Michael Witt (<u>mwitt@purdue.edu</u>)
Assistant Professor of Library Science
Purdue University

Association of College and Research Libraries
Digital Curation Interest Group
ALA 2012 Anaheim, California, USA
June 23, 2012



Metaphor: Data Cake



From: http://epicgraphic.com/data-cake



Context for Libraries

Association of Research Libraries (ARL). <u>To Stand the Test of Time:</u> <u>Long-term Stewardship of Digital Data Sets in Science and Engineering</u>. 2006. NSF/ARL Workshop report.

Called for an expanded role for research libraries in e-Science and Data Curation.

Catherine Soehner, Catherine Steeves, and Jennifer Ward. 2010.e-Science and Data Support Services: A Study of ARL Member Institutions. ARL report.

Of 57 ARL member libraries, 21 reported they provide infrastructure or support services for e-Science; 23 libraries were in planning stages.

Motivation

- What repositories are appropriate for a researcher to submit his or her data to?
- How do users find appropriate data repositories and discover datasets that meet their needs?
- How can librarians help patrons locate and integrate data into their research or learning?

Databib attempts to address these needs for researchers with a focus on:

- data users
- data producers
- Publishers
- Librarians
- research funding agencies
- citizens



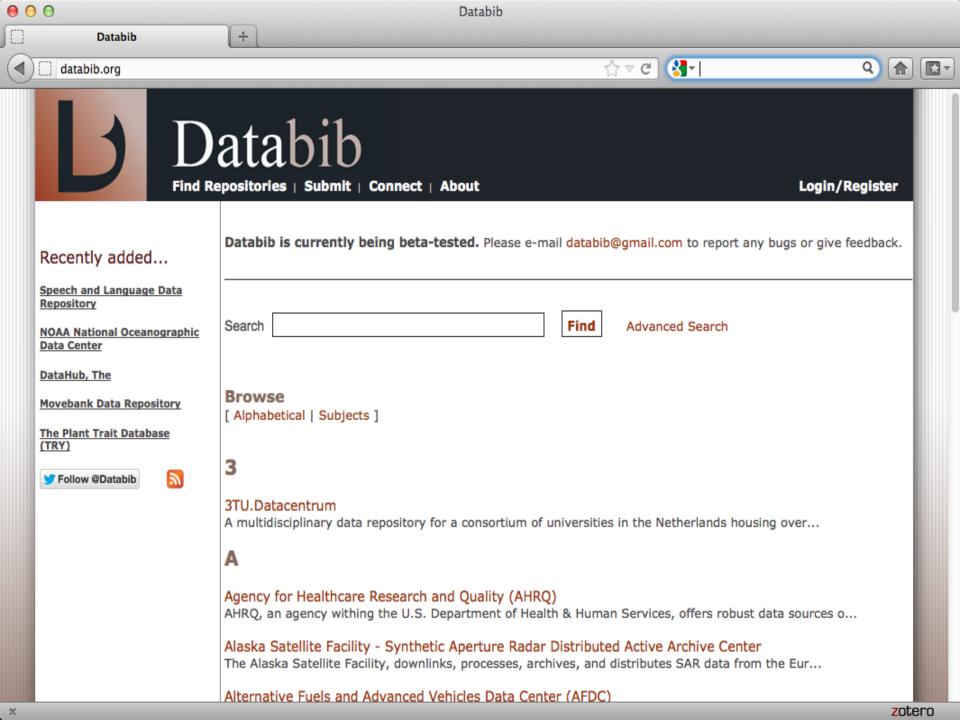
Project Goals

- Build the resource (software + content)
- Challenge the construct of a "bibliography"
- Foster community

Demonstration

- Browse
- Search / Advanced Search
- Bibliographic record
- Connect to Databib (hooks for integration)
- Workflow
 - Submit
 - Assign
 - Approve
- Guidelines for Bibliographers





Challenges / Opportunities

- Shoestring budget
 - \$25,000 for 9 months
 - The Mikes, two interns, and a grad student for a semester
- Semantics and vocabularies
 - What are "data"? What constitutes a "repository"?
 - Appropriate vocabularies and shortcuts (Databib Terms)
- Integration with data curation ecosystem
 - Example: DMPTool
- Adoption and community-building
 - Care to join us? We need librarians to contribute metadata to Databib, link to it, refer patrons to it, give us feedback on improving it – and most importantly, to use it in your practice of librarianship.



Call for Editorial Board

- 2-3 year term, all correspondence via email discussion list
- Ensure the quality and coverage of Databib
 - Subject and geographic coverage (international scope)
 - Refine metadata schema and collection parameters
 - Encourage bibliographers
- Review and approve submissions
- Nominate someone or indicate your interest to databib@gmail.com



Advisory Board

- <u>Patricia Cruse</u>, Director of the University of California Curation Center, California Digital Library – USA
- Martin Donnelly, Senior Institutional Support Officer, Digital Curation Centre (DCC) – UK
- Ramesh C. Gaur, University Librarian, Jawaharlal Nehru University India
- <u>Frank Scholze</u>, Director of the Karlsruhe Institute of Technology (KIT)
 Library Germany
- Alma Swan, Director of European Advocacy, SPARC Europe UK
- Andrew Treloar, Director of Technology of the Australian National Data Service (ANDS) – Australia
- <u>Paul Uhlir</u>, Director of the Board on Research Data and Information, National Academy of Sciences – USA
- <u>Todd Vision</u>, Associate Professor, University of North Carolina USA
- Xiaolin Zhang, Executive Director of the National Science Library, Chinese Academy of Sciences – China



Acknowledgements

Grant personnel: Michael Witt (PI), Mike Giarlo (co-PI), Gretchen Stephens, Siddharth Singh, Marcy Wilhelm-South, Rachel Newbury

Grant advisors: Ed Summers, Todd Vision, Mary Vardigan, Jenn Riley, Gail Steinhart

Databib was sponsored by an IMLS Sparks! Innovation National Leadership Grant, LG-46-11-0091-11, and the Purdue Libraries in collaboration with Penn State University.



