

2012

Databib

Michael Witt

Purdue University, mwitt@purdue.edu

Mike Giarlo

Pennsylvania State University - Main Campus, michael@psu.edu

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



Part of the [Library and Information Science Commons](#)

Recommended Citation

Witt, Michael and Giarlo, Mike, "Databib" (2012). *Libraries Faculty and Staff Presentations*. Paper 1.
http://docs.lib.purdue.edu/lib_fspress/1

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 is a tool for helping people identify and locate online repositories of research data. Users and bibliographers create and curate records that describe data repositories that users can search.

- 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

- data users
- data producers
- publishers
- librarians
- and research funding agencies.

Using the Databib website, users can search for data repositories using a basic keyword search or an advanced Boolean search. Searchable meta-data fields include the title of the repository; its URL; who maintains the repository; its access, deposit, and reuse policies; a 2-3 sentence abstract; annotations from other users; and Library of Congress Subject Headings, which are linked to other repositories in the same subject areas.

The screenshot shows the Databib website interface. At the top, there is a navigation bar with the Databib logo, the text "Find Repositories | Submit | Connect | About", and a "Login/Register" link. Below the navigation bar, a message states "Databib is currently being beta-tested. Please e-mail databib@gmail.com to report any bugs or give feedback." A search bar is present with a "Find" button and a link to "Advanced Search". Underneath, there is a "Browse" section with links for "[Alphabetical | Subjects]". A list of repositories is displayed, starting with "3TU.Datacentrum" and "A" for "Agency for Healthcare Research and Quality (AHRQ)".

Over 200 data repositories have been cataloged in Databib!

Are you familiar with a data repository that isn't in Databib?

Visit <http://databib.org> to submit, edit, or annotate data repositories.

Connect to Databib:



Follow @databib on Twitter. When new repositories are added to Databib, they are automatically tweeted. Stay informed about new repositories as they are identified and cataloged. It is also easy to integrate Twitter streams into your website or, for example, an online library resource guide.



You can also subscribe to an RSS feed (Really Simple Syndication) from Databib that publishes the addition of new data repositories. RSS feeds can be easily aggregated with other feeds and displayed in your reader, as well as integrated to provide dynamic content for your website or libguide.



You can download all of the bibliographic records in Databib in RDF/XML format. This dump of records is generated dynamically, so it will include the entire, current content of Databib. We fully endorse the Principles of Open Bibliographic Data. You can also click the RDF icon at the bottom of each page to download a record for an individual repository.



Databib supports OpenSearch, which exposes information about our search interface and how it can be queried. Web browsers can auto-discover Databib as an OpenSearch target, enabling you to search Databib directly from your browser without having to return to the website. It also enables you to subscribe to our RSS feed and filter it by search terms to create a "saved search" that is dynamically updated.



Each record in Databib exposes Linked Data in the form of RDFa that is embedded within the web page that represents each repository. The entire bibliographic metadata record is expressed using the Dublin Core, FOAF, Creative Commons, and Databib Terms vocabularies.



You can recommend, like, tag, bookmark, or otherwise share information about repositories in Databib with over 300 social network platforms, including Facebook, Google+, Twitter, LinkedIn, Reddit, CiteULike, Tumblr, FriendFeed, MySpace, Connotea, Delicious, and Blogger! Look for the Share button at the bottom of each repository page. The number of shares are reported back to Databib from Facebook, Google+, and Twitter.



Open data encourage sharing and making connections that advance research and learning. For this reason, all of the data associated with Databib are made available to the public domain using the Creative Commons Zero protocol. Our data are your data. The software that makes up Databib is available as free, open source software from Google Code under the terms of the GNU General Public License.

An Editorial Board is currently being formed to review submitted records, edits, and annotations and ensure coverage and accuracy. Guidelines for Bibliographers can be found on the Databib website.

The Databib Advisory Board includes members from the Digital Curation Centre, SPARC Europe, DataCite, National Academy of Sciences, California Digital Library, DataONE, re3data, Dryad, Chinese Academy of Sciences, Australian National Data Service, and Jawaharlal Nehru University. Databib was originally supported by a Sparks! Ignition National Leadership Grant from the Institute of Museum and Library Services, LG-46-11-0091-11.

For more information about Databib, please email databib@gmail.com.

