Databib: A Global Catalog of Research Data Repositories

Jochen Schirrwagen
Bielefeld University
jochen.schirrwagen@uni-bielefeld.de
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The Data Cake

Data

Information

Presentation

Knowledge
Data Lifecycle – Where to store the Data?

- Research Question
- Research Design
- Data Collection
- Data Processing
- Data Archiving
- Results Dissem. Citation
- Preservation
- Data Sharing Re-Use
More than a Registry

• Data Citation requires a few preparatory steps to get answered.

• Questions
  – Where are appropriate data repositories?
  – How do users find appropriate data?
  – How can Librarians help patrons locate and integrate data?

• Databib to create/share/enhance bibliographic records on data repositories
Audience of Databib

• Researchers (data users and producers)
• Research funding agencies
• Publishers
• Service-Providers
• (data) Librarians
• Citizens
Some Facts

• 569 registered data repositories (28-05-2013)
• Advisory Board
  – Representing diverse data centres and research institutions worldwide
• Editorial Board
  – Ensuring quality & coverage of bibliographic records
  – With subject and geographic coverage
World Map of Data Repositories

http://databib.org
Repository Record Metadata

• Describing
  – Title
  – Repository URL and contact
  – Classification
  – Subjects
  – Description
  – Location
  – Access and Deposit mode
  – Certification
Record Serialization in RDF/XML
Interaction & Integration Features

• User-Community, sharing, tagging
  
  ![Twitter](image1) ![RSS](image2) ![Plus](image3)

• Machine readable formats, linking, transfer, interaction
  
  ![RDF/XML](image4) ![RDFa](image5) ![OpenSearch](image6)

• Legal
  
  ![Symbol](image7)

http://databib.org
DataBib Vocabulary Terms

databib.org/ns

• To describe the entity repository
• Access policy
• Deposit policy
• Reuse policy
Guided Tour

• Browsing & Navigation
  – By subject (free and by FAST)
  – By free form fields for title, description, authority, classification, country

http://databib.org
Subject Browsing

Databib is a searchable catalog / registry / directory / bibliography of research data repositories.

Search [Find] Advanced Search

Browse [Alphabetical | A B C D E F G H I J K L M N O P Q R S T U V W X Y Z | All]

Agriculture
- Agri-Environmental Research Data Repository
- Census of Agriculture
- FAOSTAT
- Gramene
- ISRIC World Soil Information (International Soil Reference and Information Centre)
- International Food Policy Research Institute
- MaizeGDB
- National Agricultural Statistics Service
- SoyBase
- VegBank

Area, Ethnic, and Gender Studies
- Africa Centre for Health and Population Studies
- American FactFinder
- AmericasBarometer Surveys
- Australian Data Archive
- Center for Population Research in LGBT Health
- Demographic and Health Surveys (DHS)
- DiversityData.org
- North American Jewish Data Bank
- Resource Center for Minority Data (RCMD)

Biological Sciences
- Addgene Plasmid Database
- Arabidopsis Information Resource (TAIR)
- ArrayExpress
- Barcode of Life Database (BOLD)
- BeeBase
- BovineBase
GESIS Bibliographic Record

Title: GESIS Data Archive for the Social Sciences
Authority: Leibniz-Institute for the Social Sciences
Subjects: Social sciences
Description:
The GESIS Data Archive for the Social Sciences (formerly known as Central Archive for Empirical Social Research) archives datasets from all areas of social science, if the study permits conclusions about the German population or parts thereof, was conducted by German researchers, regardless of whether or not the survey in fact refers to Germany, and could be of general interest to users with a social science background.
Access: Open
Start Date: 1986
Country: Germany
Deposit: Open
Type: Disciplinary

Annotations
Add an Annotation:

http://databib.org
Future Enhancements

“There is always something to improve”

• Accessibility and usability / Internationalization

• Metadata, e.g.
  – Organizational relationships
  – Subject classification
  – Machine interfaces / publishing as Linked Data
  – Persistent IDs for data repositories

• Quality Review
Thank You!

Check if your data repository is registered:
• Visit http://databib.org
• Follow @databib

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