

Databib: A Global Catalog of Research Data Repositories

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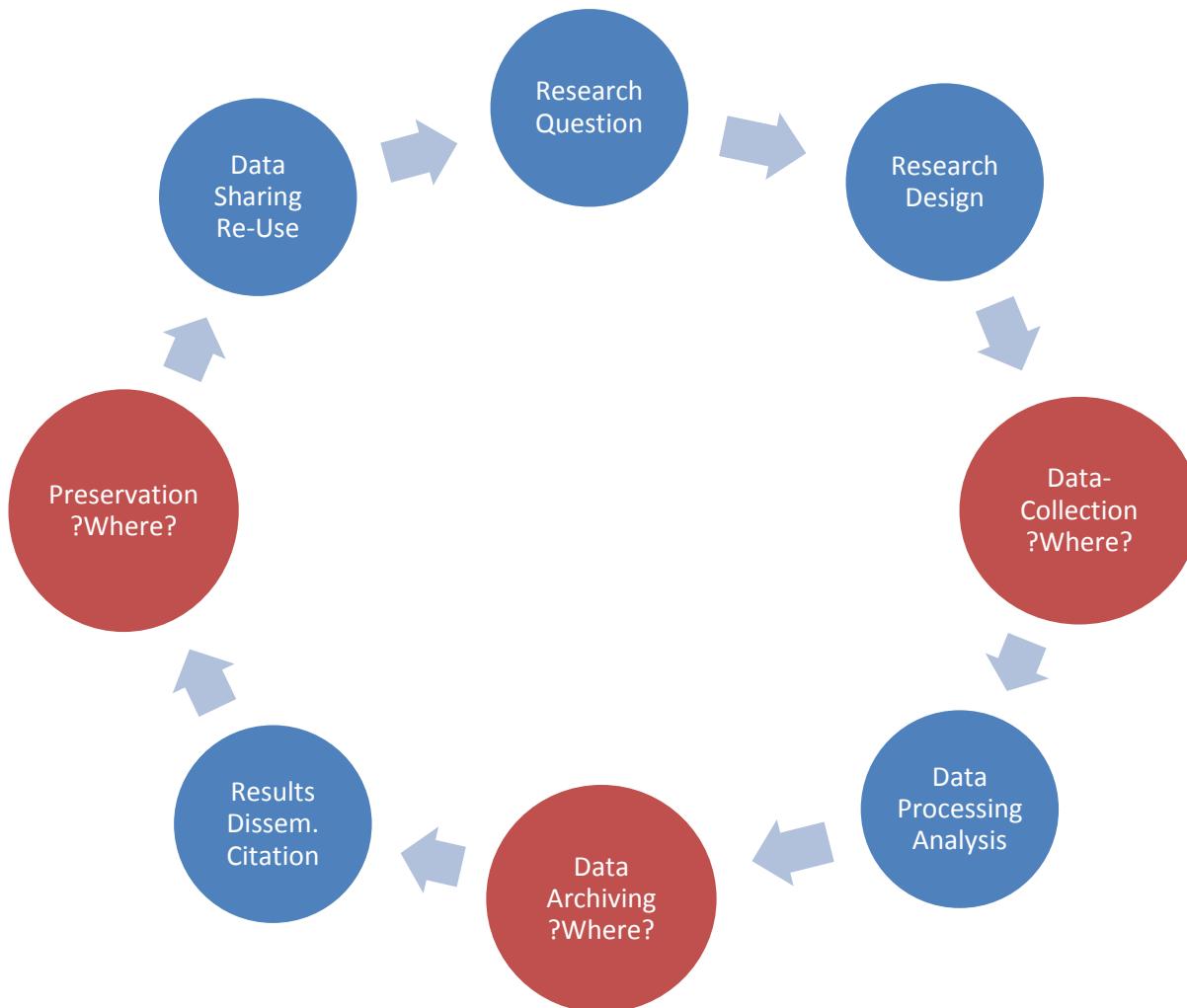
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IASSIST 2013

The Data Cake



Data Lifecycle – Where to store the Data?



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 Libarians 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



Repository Record Metadata

- Describing
 - Title
 - Repository URL and contact
 - Classification
 - Subjects
 - Description
 - Location
 - Access and Deposit mode
 - Certification

Record Serialization in RDF/XML

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <rdf:RDF xmlns:rdf="http://www.w3.org/1999/02/22-rdf-syntax-ns#"
3   xmlns:dc="http://purl.org/dc/elements/1.1/"
4   xmlns:dcterms="http://purl.org/dc/terms/"
5   xmlns:foaf="http://xmlns.com/foaf/0.1/"
6   xmlns:cc="http://creativecommons.org/ns#"
7   xmlns:ore="http://openarchives.org/ore/terms/"
8   xmlns:databib="http://databib.org/ns#"
9   xmlns:gn="http://www.geonames.org/ontology#">
10  <rdf:Description rdf:about="databib.org/repository/520">
11    <dcterms:title>GESIS Data Archive for the Social Sciences</dcterms:title>
12    <foaf:homepage>http://www.gesis.org/en/services/archiving-and-registering/archiving-data/</foaf:homepage>
13    <dcterms:publisher>Leibniz-Institute for the Social Sciences</dcterms:publisher>
14    <dcterms:description>
15      The GESIS Data Archive for the Social Sciences archives datasets from all areas of social science ...
16    </dcterms:description>
17    <databib:status>Open</databib:status>
18    <dcterms:created>1986</dcterms:created>
19    <gn:parentCountry>Germany</gn:parentCountry>
20    <databib:reusePolicy>
21      Open- http://www.gesis.org/en/services/data-analysis/data-archive-service/usage-regulations/
22    </databib:reusePolicy>
23    <databib:depositPolicy>Open</databib:depositPolicy>
24    <databib:type>Disciplinary</databib:type>
25    <databib:certification></databib:certification>
26    <dcterms:subject>http://id.worldcat.org/fast/1122877</dcterms:subject>
27    <dcterms:rights rdf:resource="http://creativecommons.org/licenses/by-nc/2.5/" />
28  </rdf:Description>
29 </rdf:RDF>
```

Interaction & Integration Features

- User-Community, sharing, tagging



- Machine readable formats, linking, transfer, interaction



- Legal



DataBib Vocabulary Terms

databib.org/ns

- To describe the entity *repository*
- *Access policy*
- *Deposit policy*
- *Reuse policy*



Databib Guided Tour

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

Subject Browsing

Featured Repository



Policy Agendas Project

569 data repositories
total in Databib.

Recently Added

- NARSTO
- Primate Life Histories Database
- National Geothermal Data System (NGDS)
- Internet Archive
- Norwegian Meteorological Institute

[Follow @Databib](#)



Subjects

- Agriculture (10)
- Area, Ethnic, and Gender Studies (9)
- Biological Sciences (144)

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](#)
- [BioterBox](#)

GESIS Bibliographic Record

[Go Back]

Title: GESIS Data Archive for the Social Sciences

URL: <http://www.gesis.org/en/services/archiving-and-registering/archiving-data/>

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

Reuse: Open- <http://www.gesis.org/en/services/data-analysis/data-archive-service/usage-regulations/>

Deposit: Open

Type: Disciplinary

Edit



0



The screenshot shows the GESIS Data Archive homepage. The left sidebar includes links for Research, Study description, Data collection, Data analysis, Archiving and registering, Archiving data, Consulting, and Contact. The main content area features a heading 'Support and consultation in archiving self-conducted surveys' with several bullet points detailing services like study descriptions and data preservation. A logo for 'Leibniz Institute for the Social Sciences' is visible on the right.

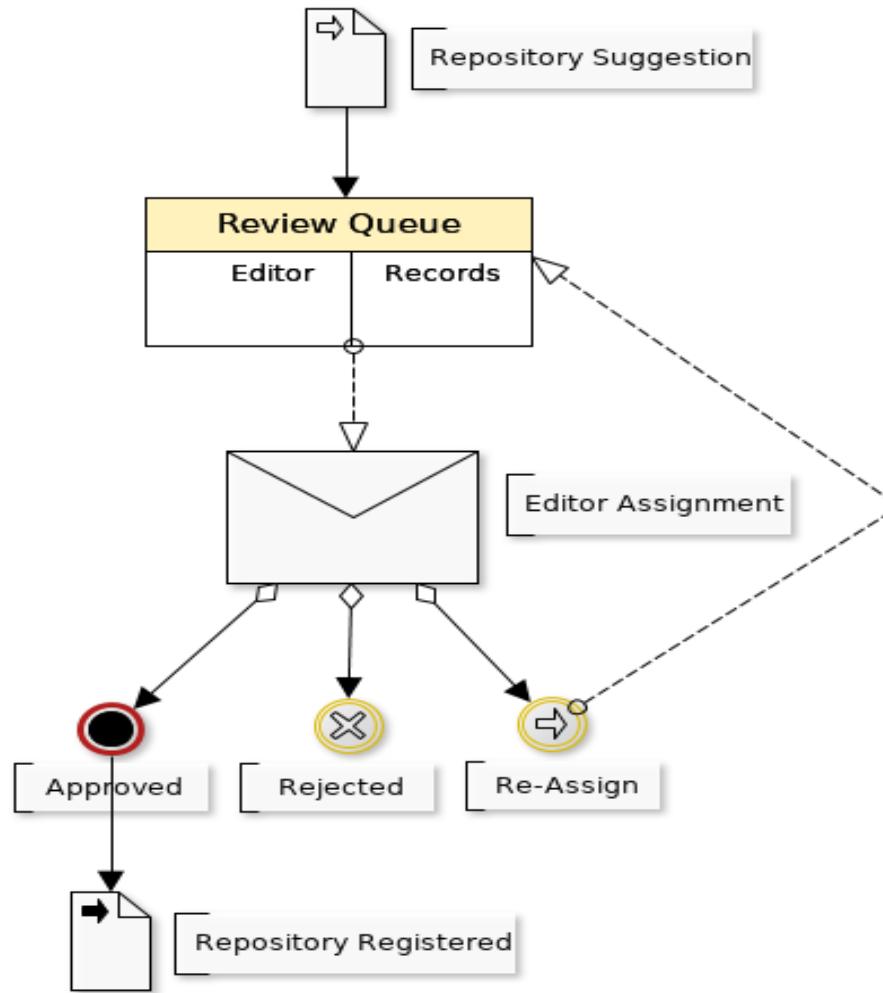


Annotations

Add an Annotation:

<http://databib.org>

Editorial Workflow



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

Acknowledgements

- Purdue University Libraries
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