 Integrating Open Access Journals in Library Services & Assisting Authors in choosing publishing channels

4th EBIB Conference Internet in libraries Open Access
Torun, December 7-8, 2007
Lars Björnshauge,
Director of Libraries
Lund University
Purpose of the DOAJ:

• making it easier for
  – aggregators & libraries to integrate OA-journals data in their services
  – OA-publishers to get their journals visible
  – readers to find OA-material
  – authors to find a journal to publish in OA
What we hope to see...

Increased visibility and access to Open Access journals
= Increased usage
= Increased citation
= Increased impact
= Increased usage...

etc etc
What is DOAJ:

- A collection of peer reviewed open access journals
- Scope: All disciplines – all languages
- One interface
- Provides metadata harvesting services based on the OAI-PMH protocol for libraries and other service providers
- Provides search service for end-users
Selection criteria

• Open Access
  – no embargo!

• Quality control measures,
  – the journal must exercise peer-review or editorial quality control in order to be included in the DOAJ.

• Scientific or scholarly content
  – Researcher as primary target group
Open Access – our definition:

Open access journals = journals that use a funding model that does not charge readers or their institutions for access.

The BOAI definition of "open access" = the right of "users to read, download, copy, distribute, print, search, or link to the full texts of these articles" as mandatory criteria.
• History:
  – Initiated during the first Nordic Conference on Scholarly Communication in Lund/Copenhagen October 2002
  – Initially funded by Open Society Institute and co-funded by SPARC
  – Project started January 2003
  – Service launched 12th of May 2003 with 300+ journals
Number of journals listed in the DOAJ

- May 2003: 300
- November 2003: 558
- May 2004: 1097
- November 2004: 1345
- May 2005: 1601
- November 2005: 1905
- May 2006: 2230
- November 2006: 2450
- May 2007: 2700
- November 2007: 2950
The Editorial Process (simplified)

DOAJ

Editorial work:
check against criteria,
communication with journal owner etc.,
check for compliance,
remove uncompliant journals etc

Suggestions

Lists, blogs etc
New titles (added the last 30 days)

73 journals added the last 30 days

African Health Sciences
ISSN: 16806905
Subject: Medicine (General)
Publisher: Makerere University Medical School
Language: English
Keywords: public health, Uganda, health planning
Start year: 2001

African Journal of Health Sciences
ISSN: 10229272
Subject: Medicine (General)
Publisher: Kenya Medical Research Institute
Language: English
Keywords: health research, Africa
Start year: 2005

ISSN: 17874637
Subject: Languages and Literatures
Publisher: Department of American Studies, University of Szeged
Language: English
Keywords: USA, American culture, American history, American society
Start year: 2005

Banach Journal of Mathematical Analysis
ISSN: 17355877
Usage of the DOAJ service

- Every month visits from 160+ countries
- Requested files increasing
- Distinct host served increasing
- Amount of data transferred increasing
- Visits from OAI-harvesters increasing
- Number of abstracts presented increasing
- Number of links to articles followed increasing
Using DOAJ for harvesting Metadata

**Serviceprovider:** Commercial aggregator, OpenURL-provider, Library (OPAC and/or ERM)

OAI-PMH or other protocols → DOAJ → Harvesting/fetching metadata
How can I get journal metadata from DOAJ?

The DOAJ service supports the OAI protocol for metadata harvesting (OAI-PMH). Thus, any other service can obtain records from DOAJ for inclusion in their collection. OAI is well established, and easy to use. The base URL is: http://www.doaj.org/oai. You can add most OAI verbs and other commands directly on that. A few examples:

Verb: Identify
http://www.doaj.org/oai?verb=Identify

Verb: ListMetadataFormats
http://www.doaj.org/oai?verb=ListMetadataFormats

Verb: ListRecords&from=2004-03-01&metadataPrefix=oai_dc

From these URLs you'll get both an idea of what OAI is, and much of our metadata. See also our example.

You have also the possibility to download the list of records in DOAJ in a comma separated format. Then you can import the file to Excel or some other software to use the records further. Do as follows:

- Download the file from http://www.doaj.org/doaj?func=csv to your own computer
- Open e.g. Excel
- Go to the menu Data -> Get External Data -> Import Text File
- From there you can choose how you want the spread sheet to look like e.g., delimited-> Comma -> General

How do I get article level metadata from DOAJ?

The article level metadata can be harvested using OAI protocol. The base URL is: http://www.doaj.org/oai.article
Use OAI verbs and other command options directly on that.
Example:
Verb: ListRecords&from=2004-07-01&metadataPrefix=oai_dc

Do you have any restrictions for the use of your metadata?
### Alphabetic Index

<table>
<thead>
<tr>
<th>Category</th>
<th>Title</th>
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<td>Wilson</td>
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<td>D</td>
<td>D-Lib Magazine</td>
<td>(2000 - )</td>
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<tr>
<td>D</td>
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<td>D</td>
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<td>D</td>
<td>DOAJ (Directory of Open Access Journals)</td>
<td>(2002 - )</td>
</tr>
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<td>D</td>
<td>DATE: Design, Automation, and Test in Europe</td>
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<td>D</td>
<td>Data Processing (continued as Information and Software Technology)</td>
<td>(1981 - 1986)</td>
</tr>
<tr>
<td>D</td>
<td>Data Science Journal</td>
<td>(2002 - )</td>
</tr>
</tbody>
</table>
Reactions Weekly

ISSN: 0114-9954
Publisher: Adis International Limited
Subject: Medicine -- Therapeutics, Pharmacology

Reading in a foreign language

DOAJ: Directory of Open Access Journals 2002 to present
ISSN: 0254-2425 Online ISSN: 1539-0578
Publisher: University of Hawaii
Subject: Language and literature

The reading matrix: an international online journal

DOAJ: Directory of Open Access Journals 2001 to present
ISSN: 1533-242X
Publisher: University of Notre Dame
Subject: Language and literature

Reading online

DOAJ: Directory of Open Access Journals 1997 to present
ISSN: 1096-1232
Publisher: International Reading Association
Subject: Education -- Theory and practice of education

Recueil International de Législation Sanitaire

Free Medical Journals 1998 to present
Resultat 1 - 10 av ungefär 667,000,000 vid sökning efter open access. (0.15 sekunder)

Sök andra efter svenska resultat. Du kan ställa in sökspråk i Inställningar

The story of open access journals
open access (OA) means immediate, free and unrestricted online access to digital scholarly products, primarily peer-reviewed research articles in... - 89k - Cachad - Liknande sidor

Open Access Overview (definition, introduction)
open access to peer-reviewed research articles and their preprints. This is an action to open access (OA) for those who are new to the... - 47k - Cachad - Liknande sidor

Peter Suber, Open Access News
The Project is open access and will be made completely available to scientists, clinicians and all those with an interest worldwide... - 44k - Cachad - Liknande sidor

Open Access - Wikipedia
Open Access (englisch freier, kostenloser Zugang) bezeichnet das Ziel, wissenschaftliche Darstellungen und Materialien frei zugänglich zu machen... - 10k - Cachad - Liknande sidor


Open Access Initiative
Using DOAJ for searching/browsing

User

search

DOAJ

Redirect

Journal

Journal

Journal

Journal

Journal web sites

+ 500,000 redirects per month
Find articles

(more than one word in a field will be treated as phrase)

Find journals

New titles

Find articles

Suggest a journal

Find articles

Search articles
Find articles

Found 3 documents matching your query:
All Fields=bird flu

Presenting page 1/1

Bird Flu: A recent threat to human health
Author: Asad U. Khan Journal: Bioinformation Year: 2006 Vol: 1 Issue: 4 Pages/record No.: 132-132
View record Fulltext

Searching of Main Cause Leading to Severe Influenza A Virus Mutations and Consequently to Influenza Pandemics/Epidemics
Author: Guang Wu and Shaomin Yan Journal: American Journal of Infectious Diseases Year: 2005 Vol: 1 Issue: 2 Pages/record No.: 116-123
View record Fulltext

Avian influenza a (H5N1): A preliminary review
Author: Padhi S ; Panigrahi P ; Mahapatra A ; Mahapatra S Journal: Indian Journal of Medical Microbiology Year: 2004 Vol: 22 Issue: 3 Pages/record No.: 143-146
View record Fulltext
So far …

- Global visibility and dissemination of records
  - Integrated in OPAC’s in many, many libraries
  - Several service providers are linking to DOAJ
  - Integrated in the services of aggregators (Serial Solutions, Ullrichs, Ebsco, OVID etc.)
  - And OpenURL-providers (Exlibris etc.)
- Frequently referred to as the most important listing
Journals per Continent (percentage)

- North America: 25%
- Latin America: 21%
- Europe: 38%
- Asia: 12%
- Africa: 1%
- Oceania: 3%
Journals per Country (top 15)

- United States: 553
- Brazil: 222
- Spain: 146
- Japan: 112
- Germany: 95
- India: 87
- Chile: 75
- Canada: 74
- Venezuela: 65
- Australia: 63
- Turkey: 54
- Mexico: 53
- Italy: 51
- Poland: 33
Top 10 Publishers in DOAJ

- BioMed Central: 170
- Internet Scientific Publications, LLC: 27
- Hindawi Publishing Corporation: 31
- Medknow Publications: 14
- Universidad de Los Andes (Venezuela): 13
- Copernicus GmbH: 18
- Kranse & Pachernegg GmbH, Austria: 12
- Asian Network for Scientific Information: 12
- Scientific and Technical Research Council of Turkey: 58
Publishers in DOAJ

- 10 Publishers with 10+ Journals
- 24 Publishers with 5+ Journals
- 1906 Publishers with 1 Journal!
- 2044 Publishers in total as of June 2007!

- Journals published in more than 80 countries
- More than 40 languages represented
Service for authors

• Where can I publish in Open Access?
  – Golden Road to Open Access
    • Open Access Journals
      – Publication Charges?
  – Hybrid Journals
    • Publication charges?
Welcome to the author service of DOAJ - The Directory of Open Access & Hybrid Journals. Here you can look up where to publish your research as Open Access (OA).
22 journals belonging to subject: Biotechnology

AdBioforum - Open Access
ISSN: 1529036X
Subject: Biotechnology
Publisher: University of Missouri, Columbia, Agriculture & Engineering Department
Language: English
Keywords: agricultural economics, biotechnology, agriculture
Start Year: 1998

American Journal of Biochemistry and Biotechnology - Open Access
ISSN: 15533468
Subject: Biochemistry --- Biotechnology
Publisher: Science Publications
Language: English
Keywords: life sciences, biochemistry, evolutionary biotechnology, structural biology, molecular biology, cellular biology, molecular medicine, cancer research, virology, immunology
Start Year: 2005

Applied Biochemistry and Microbiology - Hybrid Journal
ISSN: 00036838
Subject: Microbiology --- Biology --- Biochemistry --- Biotechnology
Publisher: Kluwer
Publishing in Open Access scholarly journals: what are the options?

Q. What is an Open Access journal?
A. An OA-journal uses a funding model that does not charge subscription fees for access. The content is freely available to all.

Q. Why should I publish in an OA journal?
A. Making publications freely available electronically increases their use and the number of times they are cited. By making your publication freely available your impact will grow. See "The effect of open access and downloads ("hits") on citation impact: a bibliography of studies" for more information on this.
http://opcit.eprints.org/oacitation-biblio.html

Q. What about the quality of OA journals?
A. Scholarly OA journals use the same quality criteria as traditional subscription journals, i.e. external or internal peer-review.

Q. Where do I find OA journals?
A. In the Directory of Open Access Journals. The Directory aims to be comprehensive and cover all open access scientific and scholarly journals that use a quality control system to guarantee the content. A journal is included in the DOAJ only if submitted papers are quality controlled through an editor, editorial board and/or a peer-review system.

Q. What is the author pays model?
A. The publishing cost is paid by the author- when his/her article is accepted by a journal. The article is free to all readers. The "author-pays" model has nothing to do with the fees charged by traditional subscription journals for colour prints and/or tables.

Q. What is a hybrid journal?
A. A journal based on traditional subscription revenue with the author-pays model as an additional, alternative funding method. The content of hybrid journal is generally freely available.
JournalInfo:

- JournalInfo: A new service for authors
- Where can I publish in Open Access?
  - Gold (Open Access or Hybrid Journals)
    - Publication charges?
  - Green (Selfarchiving)
    - What (pre-/postprints)
  - Cost-Effectiveness
    - Price per article/citation etc.
  - Impact factor(?)
- Advice in Intellectual Property Rights Issues
- Integrated in Directory of Open Access Journals (DOAJ)
Newsflash: The INSPEC database added to the Journal Info service.

Look up information on your favorite scientific journal or discover a new one.

Browse by subject

- Agriculture
- Archaeology
- Asian studies
- Business, economics and management
- Education
- Environmental studies
- Gender studies
- General reference
- History
- Language and literature
- Law
- Library and information science
- Medicine
- Performing arts
- Philosophy
- Political science
- Psychology
- Religion
- Science
- Social sciences
- Technology and engineering

This service is provided by Lund University Libraries, Head Office with support from the National Library of Sweden.
Purpose of the service?

- to provide an aid for the researcher in the selection of journal for publication

- parameters:
  - scope
  - quality,
  - reader availability
  - library cost
Society & natural resources
ISSN: 08941920
Subject: Environmental studies (General) --- Biology
Publisher: TAYLOR & FRANCIS INC

Full info
Acknowledgements

This service is largely based on already available information on the web. We would like to acknowledge the following collaborators in this effort:

Sherpa/RoMEO, www.sherpa.ac.uk
Ted Bergstrom, www.journalprices.com
Carl Bergstrom, www.eigenfactor.org
Gunnar Sivertsen, frida.usit.uio.no

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The OpenAccess.se programme of the National Library of Sweden (funding)

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1. **DOAJ Membership Program**

Thanks to funding from Open Society Institute, The National Library of Sweden, SPARC, SPARC Europe and Axelli we have been able to operate, extend and improve the DOAJ over the last 3 years making the DOAJ the authoritative listing of peer-reviewed scholarly open access journals.

We need your support for the continuing operation and development of the DOAJ. In order to create a sustainable financial foundation for the continuing development and operation of DOAJ we now launch a membership program allowing individuals, universities, research centers, libraries, library organisations, library consortia, aggregators and other organisations to contribute.

**Statement from Peter Suber in support of the membership program:**

The Directory of Open Access Journals (DOAJ) is used by faculty around the world to find peer-reviewed journals where they can submit their work, as well as to find journals where they will have open access to the peer-reviewed research of colleagues. In these ways, the DOAJ enhances the value of open-access literature and helps connect authors and readers. Every institution that supports open access or researchers who support open access should support the DOAJ. I hope you will consider joining its membership program.

**Statement from LIBER President Hans Geleijnse in support of the DOAJ Membership Program**

The Directory of Open Access Journals is an important service for researchers and their libraries. Research results in various disciplines are available, easy accessible. The growth of the number of peer reviewed journals and articles over the years and
We acknowledge the support from the above organizations/companies.

Thank you for your attention!
Links

- DOAJ – [www.doaj.org](http://www.doaj.org)
- JournalInfo – jinfo.lub.lu.se

Lars Björnshauge – lars.bjornshauge@lub.lu.se