

Open Access Repository Registries

unrealised infrastructure



Emma Tonkin
UKOLN
e.tonkin@ukoln.ac.uk



Richard Jones
Cottage Labs
richard@cottagelabs.com

Key Perspectives

Sheridan Brown
Key Perspectives
sbrown@keyperspectives.co.uk

The OARR project

To determine what OARRs are used for and what their potential is, via:

- Stakeholder interviews
- Review of OpenDOAR and ROAR
- Requirements analysis

**What is the potential
value of an Open Access
Repository Registry?**

Authoritative

Reliable

Up-to-date

Automated

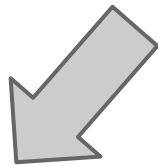
Curated

Broad Scope

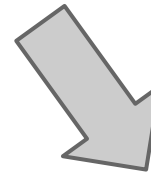
Trends in Open Access



Benchmarking



Rankings



Comparisons

**What are Open Access
Repository Registries
currently used for?**

Basic Management
Info

Contact Info

Discovery

Document
existing repos

Lookups for
services

**What Open Access
Repository Registries are
there?**

Search or Browse for Repositories

[Recent Additions](#)  [RSS1 Feed](#)

Any Subject Area

Any Content Type

Any Repository Type

Any Country

Any Language

Any Software

Search

Summaries

20

per page.

Sort by:

Repository Name

New Query

To search the *contents* of the repositories listed in OpenDOAR, please see our [Content Search](#) page.

Results 1 - 20 of 2167.

Page: << Previous 1 2 3 4 5 6 7 8 9 10 Next >>

[MyManuskrip: Digital Library of Malay Manuscripts \(Pustaka Digital Manskrip Melayu\)](#)

Organisation: [Faculty of Computer Science and Information Technology, University of Malaya](#) (UM), Malaysia

Description: This site provides access to the manuscript content and manuscript research from Malaysia. The interface is in English.

Software: Greenstone

Size: 179 items (2012-03-01)

Subjects: Multidisciplinary; History and Archaeology; Library and Information Science

Content: Books; Multimedia

Languages: English; Malay

Policies: Metadata re-use policy explicitly undefined; Full data item policies explicitly undefined; Content policies explicitly undefined; Submission policies explicitly undefined; Preservation policies explicitly undefined

OpenDOAR - <http://www.opendoar.org/>

Registry of Open Access Repositories

[Home](#) [About](#) [Search](#) [Search Content](#) [Browse](#)

[Login](#) | [New Entry](#) | [Create Account](#)

[Search](#)

Welcome to the Registry of Open Access Repositories

The aim of ROAR is to promote the development of open access by providing timely information about the growth and status of repositories throughout the world. Open access to research maximises research access and thereby also research impact, making research more productive and effective. [More information...](#)

Any Country ▾ Any Software ▾ Any Repository Type ▾ Sort by number of records ▾ [Search](#)

Displaying results 1 to 20 of 2910.

[1](#) | [2](#) | [3](#) | [4](#) | [5](#) | [6](#) | [7](#) | [8](#) | [9](#) | [10](#) | [11](#) | [Next](#)

Export 2910 results as [Activity table](#) [Export](#)

[RSS 1.0](#) [Atom](#) [RSS 2.0](#)

[Search Content](#) [Graphical analysis](#)

1.



Deposit Activity



[Hispana](#) (2600798 records) [Ministry of Culture](#) - 8 April 2008 [Record Details](#)

ROAR - <http://roar.eprints.org/>

Registry of Biological Repositories

Institutional Acronyms and Collections Codes

Biorepositories.org

announces plans to merge with

BCI and
Index Herbariorum

[Read More](#)

[HOME](#)

[Institutional Repositories](#)

[Non-Institutional Repositories](#)

[FAQ](#)

[Contact Us](#)

[Webservices](#)

Institution

Search by

Institution Name

or Acronym

or Location

Please find your institution and edit the associated data. The institution will be contacted and the new data will be confirmed before it is posted.

Click on the column header to sort institutions by Acronym, Name or Country

[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](#)
[1](#) [2](#) [3](#) [Next >](#) [Last >](#)

Acronym	Institution Name	Address	City	Country	Status	Action
A	Harvard University - Arnold Arboretum	22 Divinity Avenue	Cambridge	U.S.A.	Confirmed	View Add collection
AA	Ministry of Science, Academy of Sciences		ALMA-ATA	Kazakhstan	Confirmed	View Add collection

On This Page

[Instructions for Users](#)

[Searching datafields](#)

[Sorting columns](#)

[Alphabet index](#)

[Status column](#)

Progress

6,696 Total Institutional Records

3,456 Confirmed Institutional Records

15 Confirmed Non-Institutional Records

475 Confirmed Collections

Sponsors

BioRepositories - <http://biorepositories.org/>

Memorandum of Understanding between DataCite and re3data.org



Posted on [April 13, 2012](#) by [re3data.org team](#)

We are pleased to announce a Memorandum of Understanding between [DataCite](#) and [re3data.org](#). With this Memorandum of Understanding DataCite and re3data.org define their efforts to enhance accessibility and visibility of data sets.

PARTNERS



re3data - <http://re3data.org/>

Ranking Web of World Repositories

April 2012

[home](#)

> [home](#) > [repositories](#)

Data

[About Us](#)

[About the Ranking](#)

[Top Repositories](#)

[Top USA & Canada](#)

[Top Europe](#)

[Top Institutionals](#)

[Top Portals](#)

[Methodology](#)

[Best Practices](#)

Information

[Glossary](#)

Directory of repositories

[First](#) | [Previous](#) | [Next](#) | [Last](#) | Repositories 1 to 50 of 1519


The catalogue lists all the repositories we have located that have an independent URL domain. The list is organized alphabetically. If you know of any mistake, changes of name or URL, repositories missed or institutions listed not belonging to academic sector please send an email to [webmaster](#).

REPOSITORY	INSTITUTIONAL DOMAIN
Özyegin University eResearch	eresearch.ozyegin.edu.tr
Aalborg Universitet Projektbiblioteket	projekter.aau.dk
Aalborg Universitet VBN Research	vbn.aau.dk
Aalborg University Electronic Library	aub.aau.dk
Aberdeen University Research Archive	aura.abdn.ac.uk
Aberystwyth University Cadair Repository	cadair.aber.ac.uk

Ranking Web of World Repositories - http://repositories.webometrics.info/directory_rep.asp

**What services are built
on Open Access
Repository Registries?**

Your search





Entire Document 

☐ Verbatim search

☒ Additional word forms

☐ Multilingual synonyms (Eurovoc Thesaurus)

[Find](#)

Currently in BASE: 36,283,675 Documents of 2,227 Content Sources
[About BASE](#)     [App Store](#) | [Contact](#) | [BASE Lab](#) | [Imprint](#)
© 2004-2012 by [Bielefeld University Library](#)
Search powered by [Solr](#) & [VuFind](#).

 [Suggest Repository](#)
 [Share](#) |    

 **Universität Bielefeld** [Information.plus!](#)
Universitätsbibliothek

Base Search - <http://www.base-search.net/>



Your Query

Enter your search query and select the 'Search' button.

Number of results to show:

Match all terms ☐

Search

[Reset form](#)

Narrow your results by:

- Repository
- Document type
- Document status

Results

Search tips

- Narrow down your search results by adding more detail to your search query or selecting related terms from the list provided.
- If you wish to search for exact phrases, enclose them in speech marks (this will significantly reduce the number of results you receive).
- To find results matching all of the words and terms in your search query, select the 'Match all terms' option.
- After selecting a document from the search results, see the 'Related Documents' tab to find a list of conceptually similar documents.
- The most recent search results you select are added to a 'Recently selected' list for easy access.

Selected Document

Document Title:

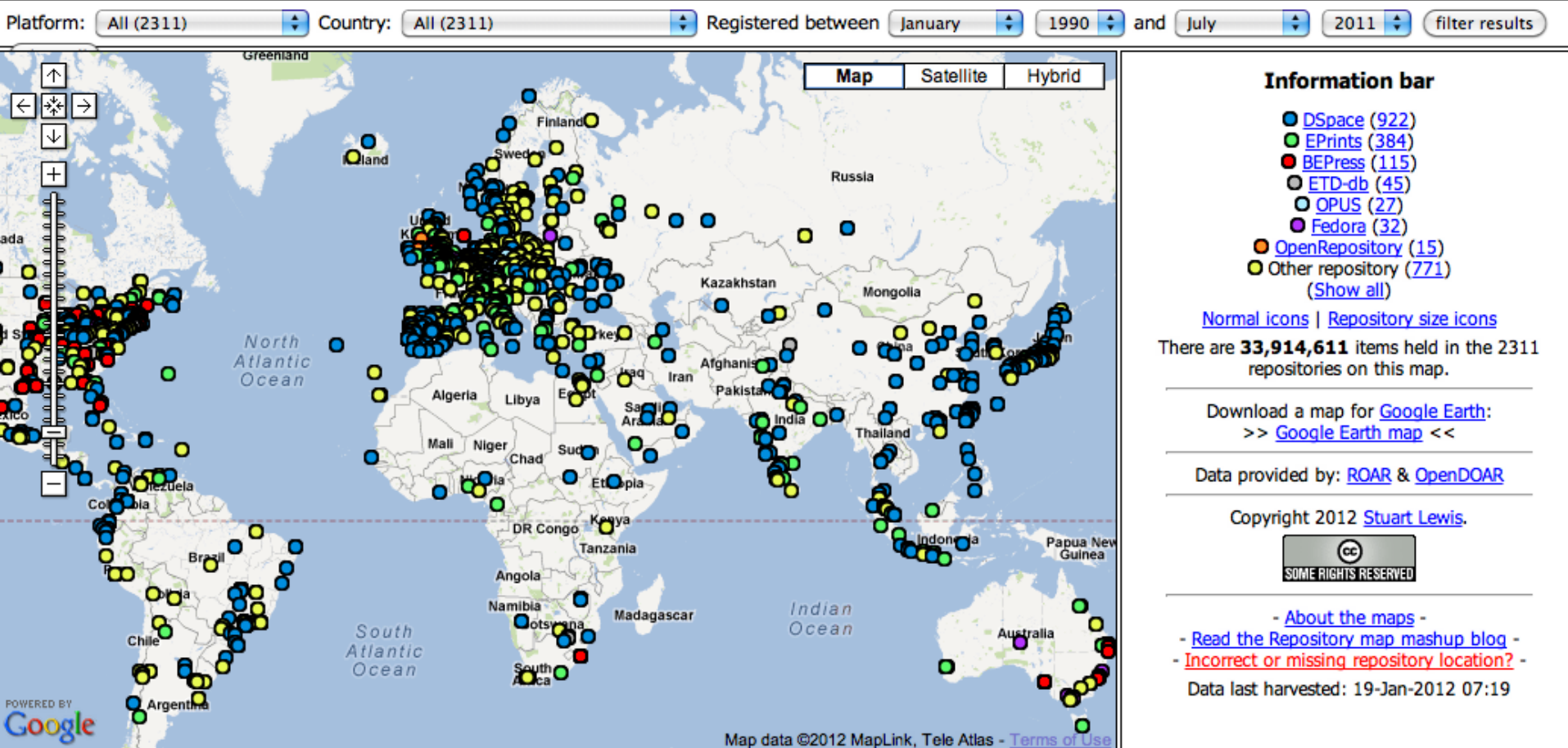
No document selected

- Overview Summary Abstract
- Related Documents

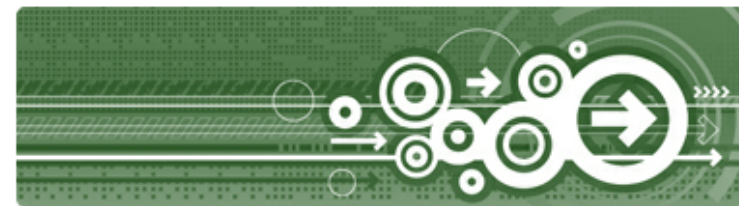
IR Search - <http://irs.mimas.ac.uk/>



Hide information bar



Repository66 - <http://maps.repository66.org/>



Open Access Repository Junction

Overview

About

API

Links

Contact

Overview

Why are we doing this?

Interoperability between digital repositories is important, and several projects and organisations are now investigating the broad issues. However, there seems to be little implementation of project outcomes, or cooperation between organisations to achieve greater interoperability between their repositories.

What is it for?

The purpose of this 20-month project is to scope, build and test a deposit broker tool to assist open access deposit into, and interoperability between, existing repository services. We are primarily interested in simplifying the repository deposit workflow for multiple-authored journal articles.

How will it help?

OA-RJ - <http://edina.ac.uk/projects/oa-rj/>

**What is the current state
of the art in Open Access
Repository Registries?**

OpenDOAR

To provide "clear information on their policies regarding tagging peer-reviewed/non-peer-reviewed material, their subject coverage, the constituency they draw on for content, their collection and preservation policies, etc"

Set up in 2005

Hosted and run by CRC at University of Nottingham (SHERPA)

Uses a manual curation approach

Only lists OA and Full-Text repositories

Additional Services: Policies Tool

ROAR

To promote the development of open access by providing timely information about the growth and status of repositories throughout the world.

Hosted and run by the University of Southampton

EPrints 3, incorporating SNEEP extensions from ULCC.

Does no manual curation of records

Lists OA repositories with both Full-Text and metadata-only

Additional Services: Registry of institutional Mandate (ROARMAP)

OpenDOAR

Growth of the OpenDOAR Database - Worldwide

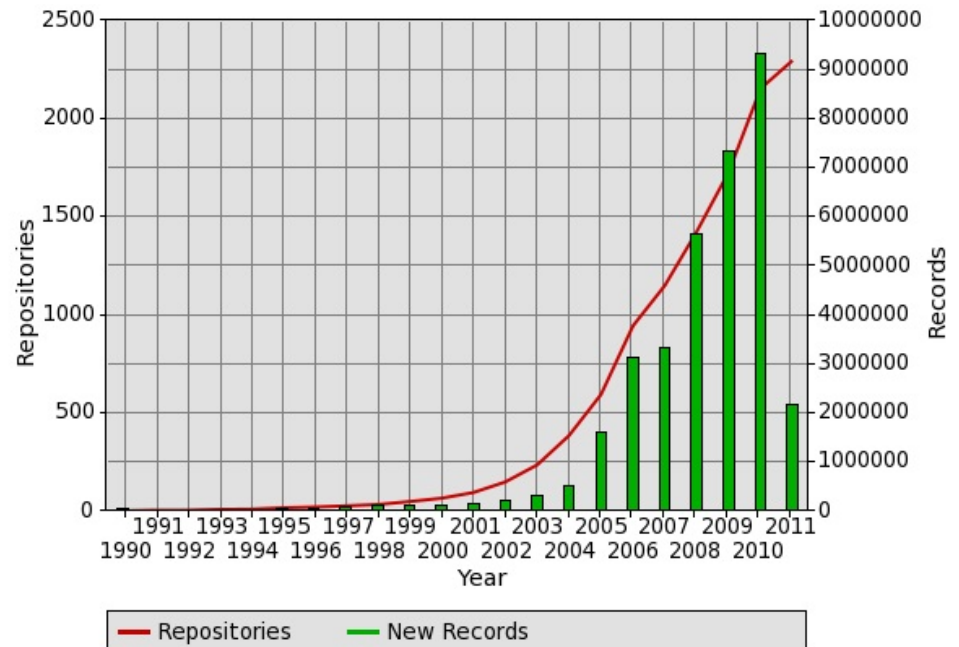
OpenDOAR - 09-Jun-2011



~2000 repositories at peak
2006 - 2007 jump is artificial
slight flattening out detectable in
2011

ROAR

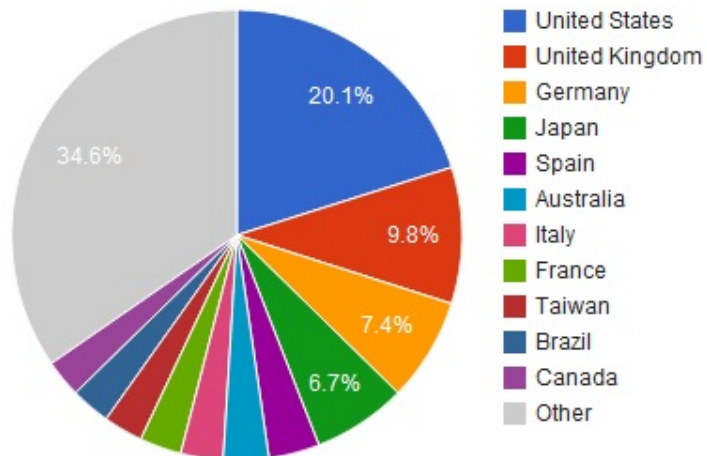
~2250 repositories at peak
Data back to 1990 is
retrospectively added
slight flattening out detectable in
2011



OpenDOAR

Fairly even distribution worldwide

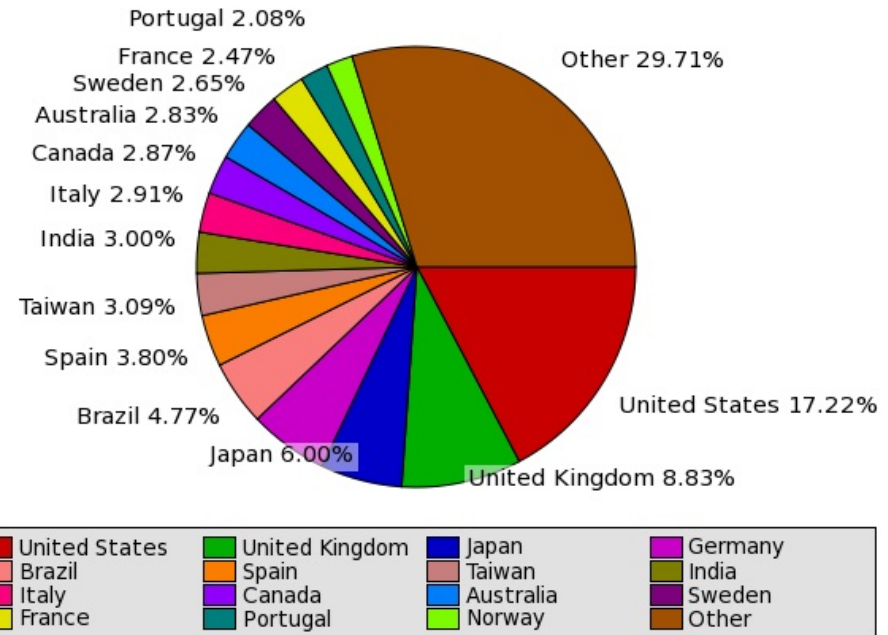
Proportion of Repositories by Country - Worldwide



Total = 1972 repositories

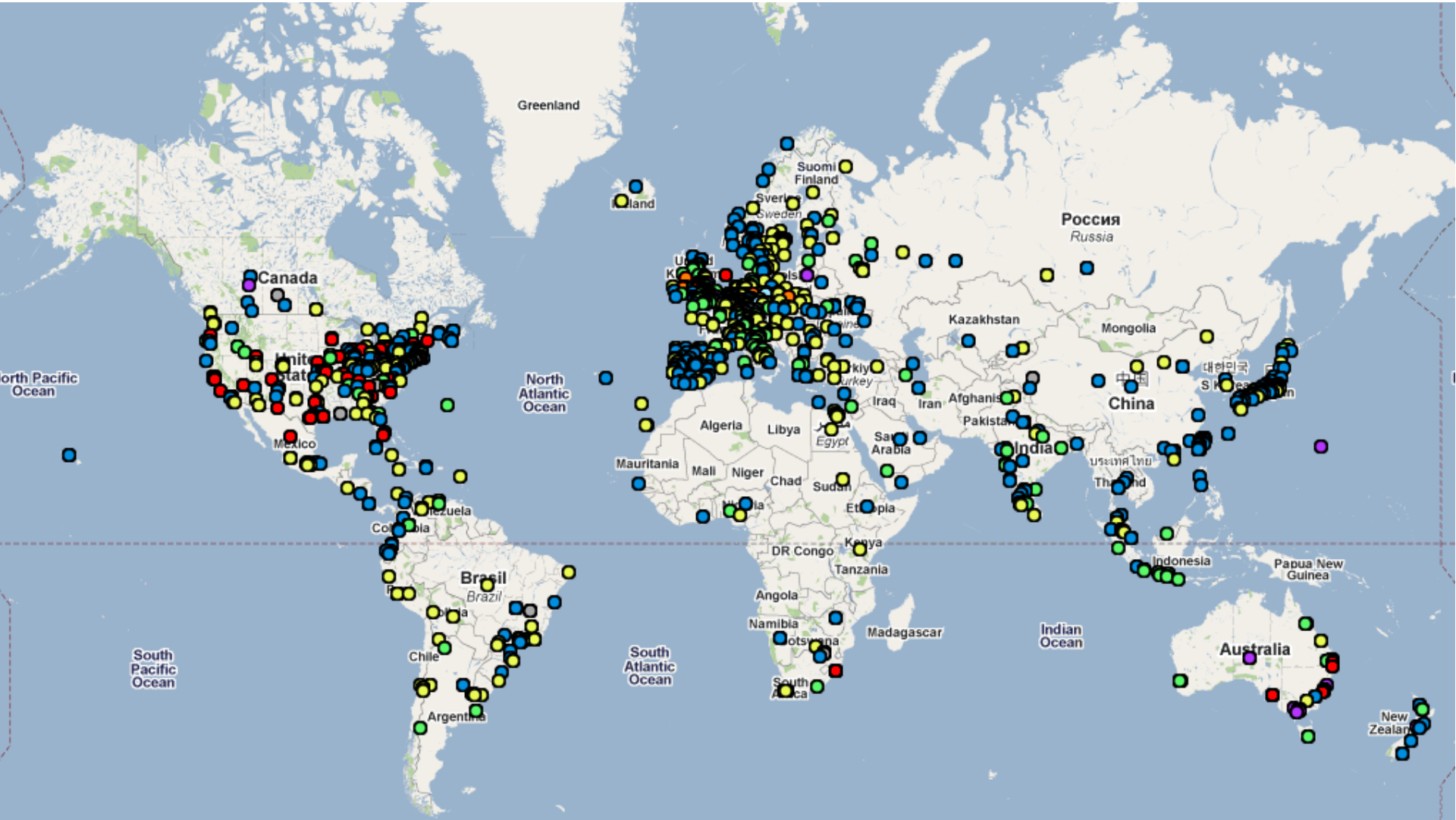
OpenDOAR - 09-Jun-2011

ROAR



Possible slight bias towards Europe

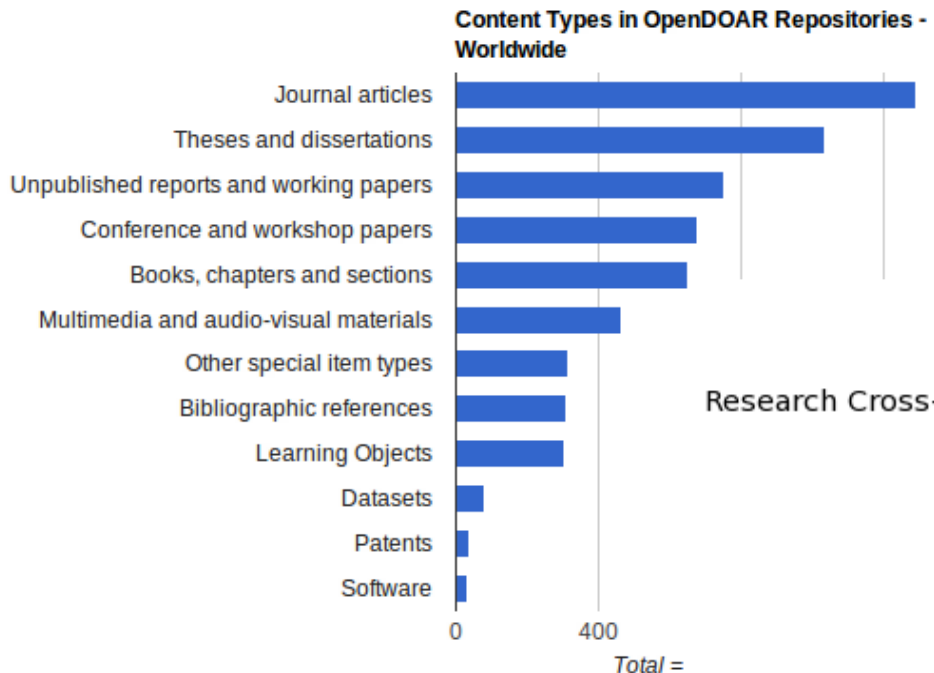
OpenDOAR & ROAR coverage



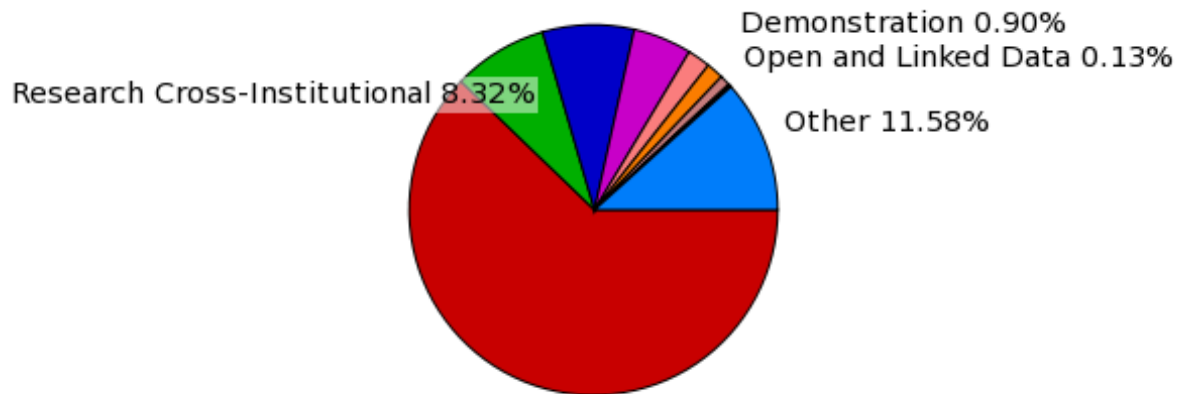
OpenDOAR

No common categorisation or assertion of quality

ROAR

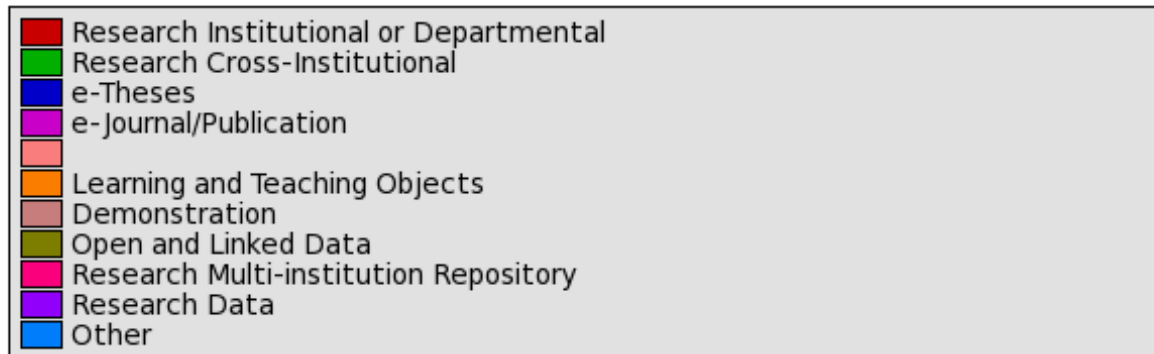


Does not distinguish between content types and repository types



Expected distribution of content types

No metadata-only repositories



Metadata	OpenDOAR	ROAR
Repository Name	100%	100%
Repository URL	100%	100%
Repository Type	100%	100%
Repository Location	98%	97%
Repository Description	100%	60%
Contact Details	80%	17%
Repository Software	80%	92%
OAI-PMH Endpoint	70%	78%
Owning Organisation	100%	65%
RSS Feed	0%	17%
SWORD Endpoint	0%	1%

OpenDOAR

ROAR

APIs

Fully documented query API

OAI-PMH (limited data available)

No client library

No client library

Full data dump available

Full data dump available

Some Key Limitations

Content count stats are unreliable

Not internationalised/multilingual

Limited revisions history

No clear relationships between repos, orgs, etc

No policies/mechanism for populating new fields (e.g. SWORD)

**How can we realise the
full potential of Open
Access Repository
Registries?**

Make them better at what they already do ...

Automatic Harvesting of Repository Records:

- Authoritative/Reliable/Up-to-date

- Automated

- Increased scope of data

Different kinds of Quality Control:

- Automated (e.g. link checking)

- Option for Human Intervention

Authoritative



Reliable



Up-to-date



Curated



Automated



Broad Scope



Make them useful for more things ...

Graphical representations of the registry

Better APIs and Data (with standards compliance where relevant)

Versioning of repositories and record counts

More focus on Policy Tools

Encourage overlaid services...

Repository contents stats analysis

Comparative statistics and analytics

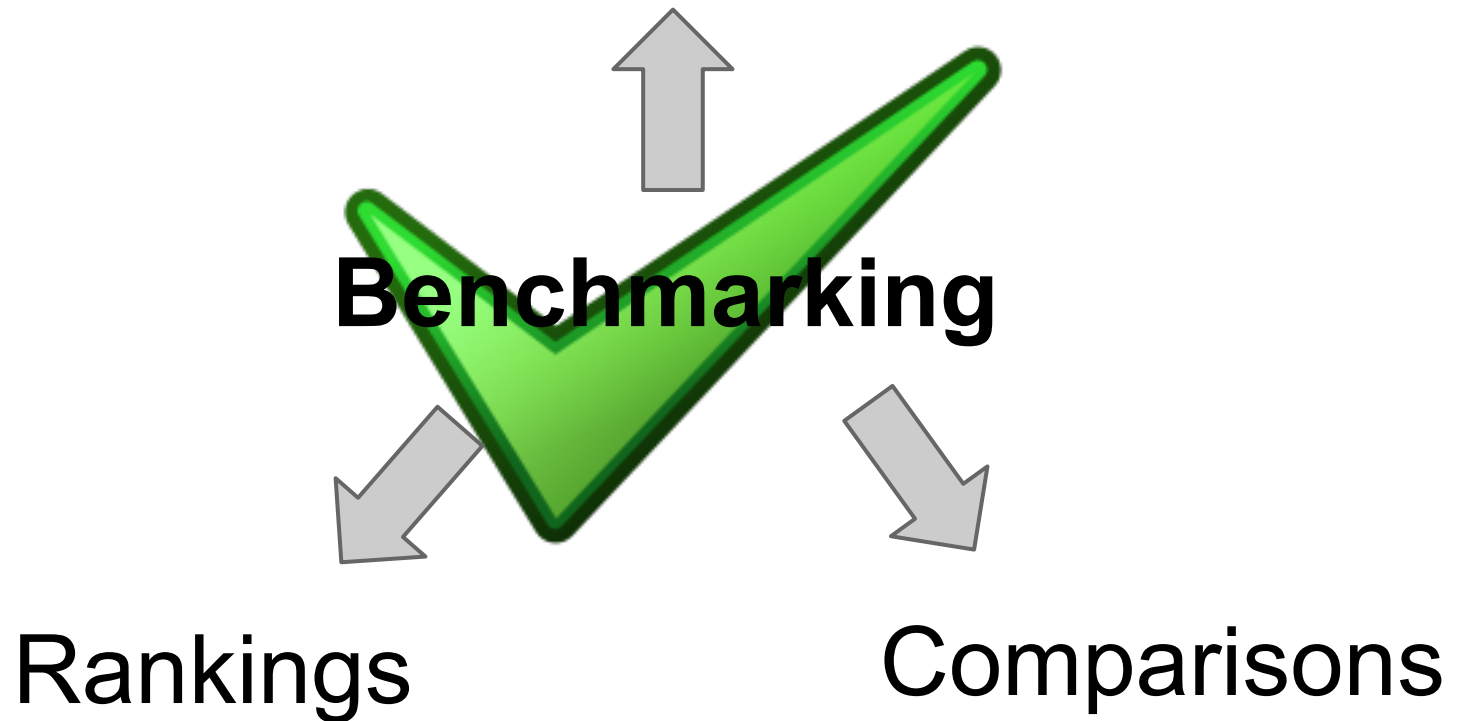
Repository and OA rankings

Text analysis for identifying holdings

Error detection

Multiple-deposit

Trends in Open Access



Infrastructure realised?

Cottage Labs project page: <http://cottagelabs.com/projects/oarr/>

JISC project page: http://www.jisc.ac.uk/whatwedo/programmes/di_researchmanagement/repositories/oarr.aspx



Emma Tonkin
UKOLN
e.tonkin@ukoln.ac.uk



Richard Jones
Cottage Labs
richard@cottagelabs.com

Key Perspectives

Sheridan Brown
Key Perspectives
sbrown@keyperspectives.co.uk