

*Open*DOAR

DIRECTORY OF
OPEN ACCESS
REPOSITORIES

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OpenDOAR - vision (from OAI4)

△ A Directory

- with entries sorted by content, location, constituency, etc

△ A Registry

- with registration services, FAQs and listed descriptions based on technical and metadata aspects

△ A Bridge

- between repository administrators and service providers

△ A Resource

- of materials and links of use to repository administrators

△ A Focus

- for discussion and contact between repository administrators

OpenDOAR development (from OAI4)

- △ Survey existing repositories
- △ Look at each repository personally
- △ Test against metadata description
- △ Check adequate description can be provided
- △ Contact repository administrator with information
- △ Produce useful classification structure
- △ Build full directory and registry service
- △ Create update and maintenance procedures

OpenDOAR Features

- △ Quality-assured survey & service
- △ Search for repositories & browse by criteria
- △ Variety of output formats
- △ Search for content in repositories
- △ Policy tools and recommendations
- △ email service - filtered recipient list
- △ Statistics - filter repositories and generate pastable info.
- △ API - now released

Survey and growth

- △ Quality assured through personal survey
- △ Reject about 25% of surveyed archives
 - other lists, suggestions
 - out of scope, metadata, test sites, wrongly described, etc
- △ What is harvested may not be what is found on site
 - name, purpose, contact information, policies, etc
- △ Amalgamate harvested material and on-screen info
 - contact repository owners for clarification

Suggest a repository

Please use this form to suggest a new repository for inclusion in *OpenDOAR*.

Repository Name *	<input type="text"/>
Repository URL *	<input type="text"/>
Organisation *	<input type="text"/>
Your Name	<input type="text"/>
...and Email *	<input type="text"/>
Description of the repository and/or notes	<input type="text"/>
Contact Name	<input type="text"/>
...and Email	<input type="text"/>
OAI Base URL	<input type="text"/>

Are you the repository's manager? *
 Yes No

*Note: Fields with the * sign are mandatory.*

Search & browse

- △ Search on various criteria
- △ Browse Directory filtered by various criteria
- △ Compare repositories through tabular output
- △ Listing by countries and continent

Search or Browse for Repositories

<input type="text"/>	<input type="button" value="Search"/>		
<input type="text" value="Any Subject Area"/>	<input type="text" value="Any Content Type"/>	<input type="button" value="Filter"/>	
<input type="text" value="Any Country"/>	<input type="text" value="Any Language"/>	<input type="text" value="Any Software"/>	
<input type="text" value="Summaries"/>	<input type="text" value="20"/> per page.	Sort by: <input type="text" value="Repository Name"/>	<input type="button" value="New Query"/>

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

Results 1 - 20 of 853.

Page: << Previous [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) Next >>[11th Joint Symposium on Neural Computation](#)**Organisation:** [Caltech](#) (California Institute of Technology), United States**Description:** This is a closed subject based repository containing papers from this 2004 conference. Part of the Caltech Online Digital Archives (CODA) project.**OAI-PMH:** <http://snc.library.caltech.edu/per/oai2>**Software:** EPrints**Size:** 30 items (2006-08-08)**Subjects:** Computers and IT**Content:** Conferences**Languages:** English**Policies:** Metadata re-use permitted for not-for-profit purposes; Harvesting full data items by robots prohibited; Content policies explicitly undefined; Submission policies defined; Preservation policies not stated[Aalborg University - Electronic Library](#)**Organisation:** [Aalborg Universitetsbiblioteks](#), [Aalborg Universitet](#), Denmark**Description:** This site is a university repository providing access to the research papers and publications of lecturers, and Ph.D theses, of Aalborg University. This site is poor in supporting information and background documentation, however contact details are readily available if problems are encountered.**Size:** 35 items (2006-09-11)

Search or Browse for Repositories

<input type="text" value="Oxford"/>	<input type="button" value="Search"/>			
<input type="text" value="Any Subject Area"/>	<input type="text" value="Any Content Type"/>	<input type="button" value="Filter"/>		
<input type="text" value="Any Country"/>	<input type="text" value="Any Language"/>	<input type="text" value="Any Software"/>		
<input type="text" value="Full records"/>	<input type="text" value="1"/>	per page.	Sort by: <input type="text" value="Repository Name"/>	<input type="button" value="New Query"/>

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

Result 1 of 3.

Page: << Previous 1 2 3 Next >>

[Mathematical Institute Eprints Archive](#)**URL:** <http://eprints.maths.ox.ac.uk/>**Organisation:** [Mathematical Institute](#)
[University of Oxford](#)**Address:** Broad Street, 24-29 St Giles', Oxford OX1 3BG**Country:** United Kingdom**Tel.:** 01865-280020**Description:** This site is a subject based university repository providing access to the publication output of this Institute. The American mathematical Society (AMS) classification scheme is used in addition to research group of author for subject classification.**Type:** Institutional - Operational**Size:** 209 items (2006-08-18)**Established:** 2005**OAI-PMH:** <http://eprints.maths.ox.ac.uk/perl/oai2>**Software:** EPrints, **Version:** 2.3.13**Subjects:** Mathematics and Statistics**Content:** Patents; Publications; Conferences; Theses; Books**Languages:** English**Contacts:** Keith A. Gillow (eprints@maths.ox.ac.uk), 01865-273583

Search or Browse for Repositories

per page.

Sort by:

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

Results 1 - 16 of 16.

Page: << Previous 1 Next >>

Click on a hyperlinked column heading to sort. Click again to reverse the order.

Repository name	Country	Num. Recs.	Pubs	Confs	Theses	Unpub	Other	Base URL	Software
Open Access Repository of IISc Research Publications	India	5090	+	+		+	+	OAI	EPrints
Raman Research Institute Digital Repository	India	1372	+			+	+		DSpace
National Aerospace Laboratories Institutional Repository	India	1320	+	+	+	+	+	OAI	EPrints
OpenMED@NIC	India	1267	+					OAI	EPrints
Indian Institute of Astrophysics Repository	India	1077	+		+		+	OAI	DSpace
DSpace@INFLIBNET	India	428		+			+	OAI	DSpace
DSpace at National Chemical Laboratory	India	407			+	+	+	OAI	DSpace
Dspace@NITR	India	287	+	+				OAI	DSpace
Librarians' Digital Library	India	249	+	+	+		+	OAI	DSpace
DRS at National Institute Of Oceanography	India	220	+	+	+			OAI	DSpace
Electronic Theses and Dissertations at Indian Institute of Science	India	206			+			OAI	DSpace
Digital Library at Indian Statistical Institute, Bangalore	India	191	+						DSpace
DSpace at Indian Institute of Management Kozhikode	India	165	+	+	+	+		OAI	DSpace

OpenDOAR - Countries and Organisations

[Africa](#) | [Asia](#) | [Australasia](#) | [Central America](#) | [Europe](#) | [North America](#) | [South America](#)

Click on a name to see the corresponding OpenDOAR summaries, or on a URL to visit the relevant website.

CENTRAL AMERICA

[Costa Rica](#) | [Mexico](#)

Costa Rica

- **Universidad de Costa Rica (UCR)** - <http://www.ucr.ac.cr/>
 1. **Estación de Economía Política**
<http://www.fcs.ucr.ac.cr/~seres/>

Mexico

- **Estado de Chiapas** - <http://www.chiapas.gob.mx/ciudadania/>
 1. **Gobierno del Estado Chiapas**
<http://vitrina.bibliotecachiapas.gob.mx/>
- **ITESO Universidad Jesuita De Guadalajara (ITESO)** - <http://www.iteso.mx/index.jsp>
 1. **Documentacion en Ciencias de la Comunicacion (CC-DOC ITESO-CONACyT)**
<http://ccdoc.iteso.mx/>
- **Universidad de las Américas Puebla (UDLAP)** - <http://www.udlap.mx/>
 1. **Colección de Tesis Digitales - Universidad de las Américas Puebla (Colección de Tesis)**
http://caterina.udlap.mx:9090/u_dl_a/tales/
 2. **Publications of the Interactive and Cooperative Technologies Lab**
<http://ict.udlap.mx/pubs/index.html>

Search content

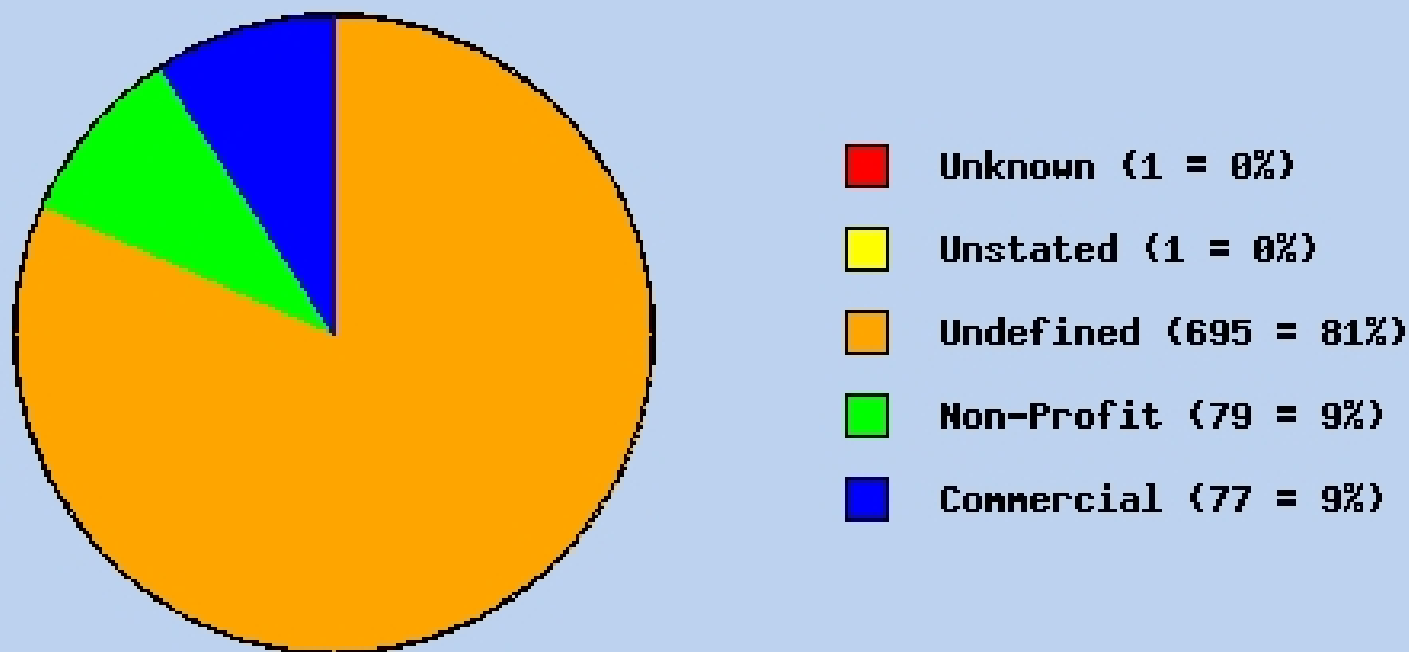
- △ www.opendoar.org/search
- △ Example of a Google Custom Search Engine
- △ Searches the full-text of repositories as available
- △ Not seriously promoted
- △ Feedback very positive
- △ Identifies repository content clearly but Google may be preferred by institutional academics for reasons shared with all OA search services

Policy Analysis

- △ OA future depends on service providers fulfilling the potential of OA material
- △ Services Providers depend on knowing what repositories lie within the scope of their service - and confidence in that information
- △ Services depend on having the correct permissions to be able to use OA material - repositories are rarely filled with *Open Access* material
- △ Therefore, policy information has to be available from the repositories . . .

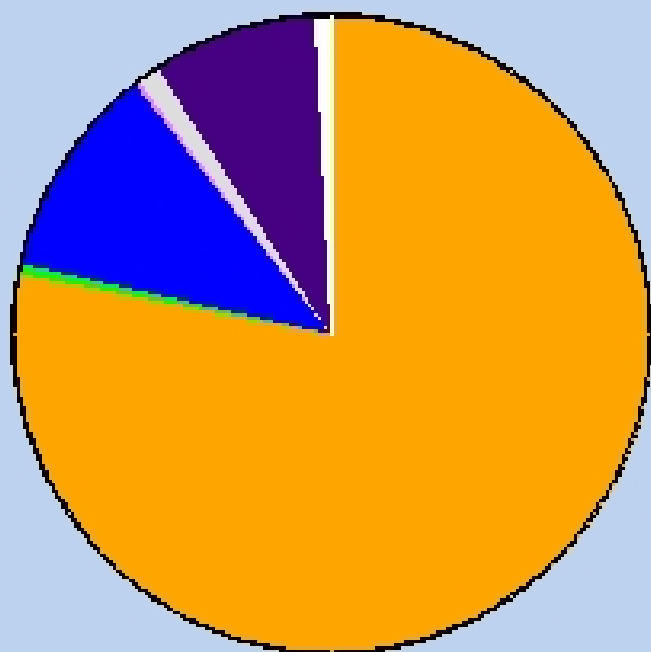
Repositories' Metadata Policies

Recorded Metadata Re-use Policies
Worldwide



Repositories' Full-text Policies

Recorded [Full-text] Data Re-use Policies
Worldwide

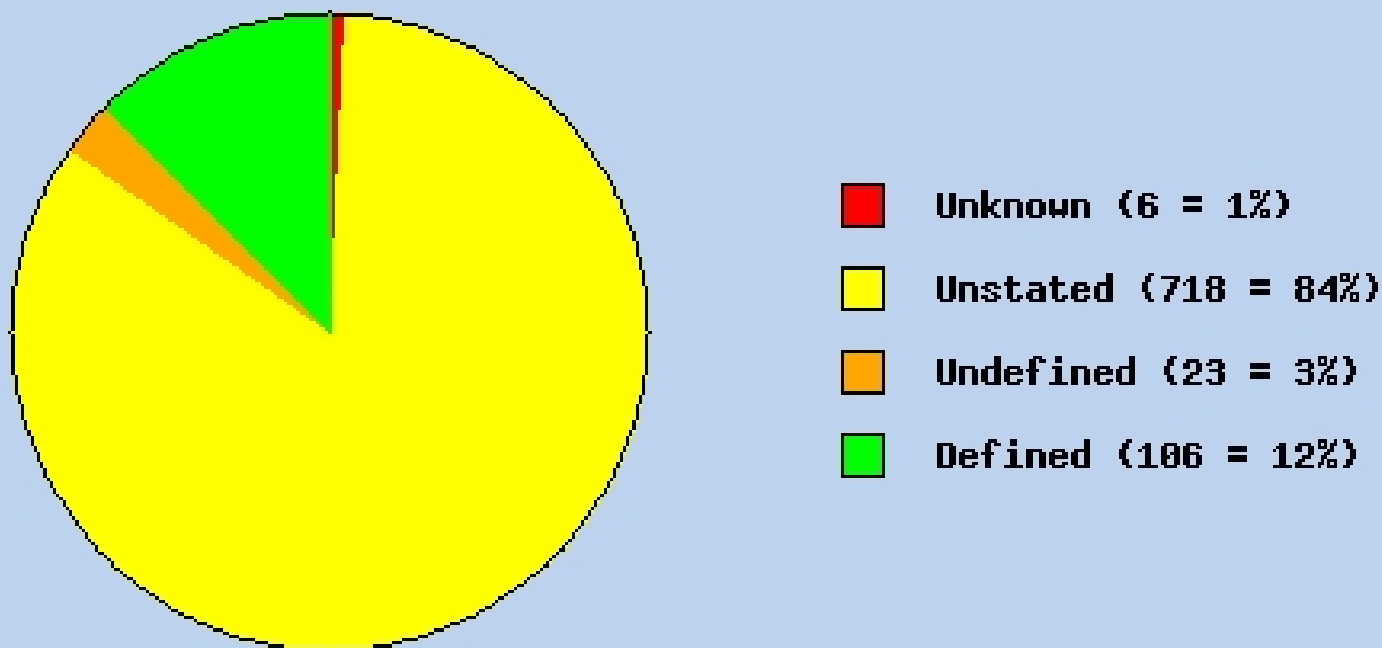


- Unknown (1 = 0%)
- Unstated (1 = 0%)
- Undefined (666 = 78%)
- No Rights (3 = 0%)
- No Robots (94 = 11%)
- Unclear (1 = 0%)
- Variable (11 = 1%)
- Non-Profit (71 = 8%)
- [1 Others]

Total = 853 repositories

Repositories' Preservation Policies

Recorded Preservation Policies
Worldwide



Define Repository Policies

Unnamed Repository

OAI Base URL: **Not known**

POLICIES

Metadata Policy for information describing items in the repository

Policy not yet defined

Data Policy for full-text and other full data items

Policy not yet defined

Content Policy for types of document & data set held

Policy not yet defined

Submission Policy concerning depositors, quality & copyright

Policy not yet defined

Preservation Policy

Policy not yet defined

OUTPUT OPTIONS

 Define Repository Policies HTML Source Code Text Only EPrints Configuration Source Code

Metadata Policy for information describing items in the repository

The policy currently declared in the OAI configuration is:

Unable to harvest the current policy - no OAI Base URL available.

Use this form to specify your policy in standard OpenDOAR Terms, or...

+ [Set OpenDOAR minimum recommended options](#)

‡ [Set optimum recommended options](#)

Access to Metadata

- Anyone may access the metadata free of charge. +‡
- Access to some or all of the metadata is controlled.

Re-Use of Metadata

- No metadata re-use policy defined. Assume no rights at all have been granted.
- Metadata re-use policy (*Please specify*):

- The metadata **may** be re-used in any medium without prior permission +‡
 - for not-for-profit purposes +‡
 - and re-sold commercially ‡ provided +‡
 - the OAI Identifier or a link to the original metadata is given.
 - the repository is mentioned.
 - The metadata **must not** be re-used in any medium for
 - commercial purposes + - without formal permission.
 - not-for-profit purposes

For more information

see webpage:

Data Policy for full-text and other full data items

The policy currently declared in the OAI configuration is:

Unable to harvest the current policy - no OAI Base URL available.

Use this form to specify your policy in standard OpenDOAR Terms, or...

+ [Set OpenDOAR minimum recommended options](#)

‡ [Set optimum recommended options](#)

Access to Full Items

- Anyone may access full items free of charge. +‡
- Access to some or all full items is controlled.

Re-Use of Full Items

- No full-item re-use policy defined. Assume no rights at all have been granted.
- All re-use of full items is prohibited.
- All full items are individually tagged with differing rights permissions and conditions.
- General full-item re-use policy (*Please specify*):

- | | | | |
|--|-----------|--|---|
| <input type="radio"/> Single copies + | can be +‡ | <input type="checkbox"/> reproduced +‡ | <input type="checkbox"/> in any format or medium +‡ |
| <input type="radio"/> Copies generally ‡ | | <input type="checkbox"/> displayed or performed +‡ | |
| | | <input type="checkbox"/> given to third parties ‡ | |
| | | <input type="checkbox"/> stored in a database | |
| | for | <input type="checkbox"/> personal research or study +‡ | |
| | | <input type="checkbox"/> educational purposes +‡ | - without prior permission or charge +‡ |
| | | <input type="checkbox"/> not-for-profit purposes +‡ | |
| | | <input type="checkbox"/> commercial purposes | |
| | provided | <input type="checkbox"/> the authors, title and full bibliographic details are given ‡ | |
| | | <input type="checkbox"/> a hyperlink and/or URL are given for the original metadata page ‡ | |
| | | <input type="checkbox"/> the original copyright statement is given | |
| | | <input type="checkbox"/> the original rights permission statement is given | |
| | | <input type="checkbox"/> the content is not changed in any way ‡ | |

- Full items must not be harvested by robots +‡ except transiently for +‡ full-text indexing +‡
- citation analysis +‡

- Full items must not be sold commercially without formal permission of the copyright holders. +‡

+ [Set OpenDOAR minimum recommended options](#)

‡ [Set optimum recommended options](#)

Access to Full Items

- Anyone may access full items free of charge. +‡
- Access to some or all full items is controlled.

Re-Use of Full Items

- No full-item re-use policy defined. Assume no rights at all have been granted.
- All re-use of full items is prohibited.
- All full items are individually tagged with differing rights permissions and conditions.
- General full-item re-use policy (*Please specify*):
 - Single copies + can be +‡
 - reproduced +‡ in any format or medium +‡
 - Copies generally ‡
 - displayed or performed +‡
 - given to third parties ‡
 - stored in a database
 - for
 - personal research or study +‡
 - educational purposes +‡
 - not-for-profit purposes +‡ - without prior permission or charge +‡
 - commercial purposes
 - provided
 - the authors, title and full bibliographic details are given ‡
 - a hyperlink and/or URL are given for the original metadata page ‡
 - the original copyright statement is given
 - the original rights permission statement is given
 - the content is not changed in any way ‡
- Full items must not be harvested by robots +‡ except transiently for +‡
 - full-text indexing +‡
 - citation analysis +‡
- Full items must not be sold commercially without formal permission of the copyright holders. +‡
- Some full items are individually tagged with different rights permissions and conditions.
- This repository is **not** the publisher; it is merely the online archive.
- Mention of the repository is appreciated but not mandatory.

For more information

see webpage:

OK Clear Cancel

Policy Tools

- △ Output as text, HTML, ePrints code to plug-in
- △ Simple tick-box approach to encourage use
- △ Recommended choices for guidance
- △ Standardisation through convenience

- △ Programme to alert administrators to problem and solution

email Service

- △ User specifies filtered set of repositories to address
- △ Restricted to certain types of message content
- △ Quality checked for compliance

- △ Administrators can be assured of *some* value to email
- △ Allows service providers or software developers to address administrators directly with updates, innovations, developments and suggestions
- △ Administrators get addressed as a community

Email Service Request

This service allows you to contact all or a selection of repository administrators listed on this site. It is offered in the hope that it will further facilitate the global and regional Open Access and repository community of practise.

Message Type *

Email List for *

Other:

Message Subject *

Event Title *

Date * Starts: Ends:

Venue/City * **Country ***

Organisation *

Message Text *

Follow-up URL

Contact Person Name *:

Job title :

Email *:

Phone:

Statistics

- △ Statistics based on filtered sets
- △ Graphics can be cut&pasted
- △ Dynamic HTML output also available for cut&pasting into pages

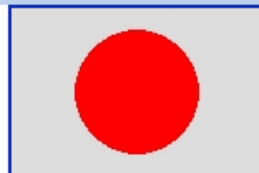
To search the *contents* of the repositories listed in OpenDOAR, please see our [trial search page](#).

OpenDOAR Charts - Europe

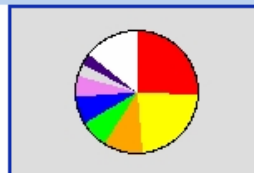
Click on a thumbnail image to display the full-size chart and its key.



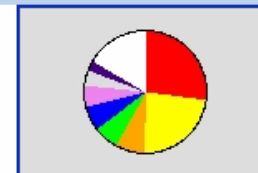
Repositories by Continent



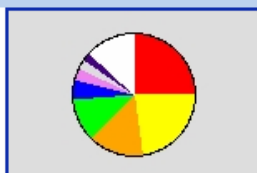
Repository Organisations by Continent



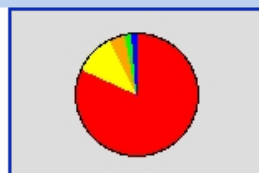
Repositories by Country



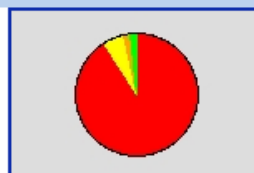
Repository Organisations by Country



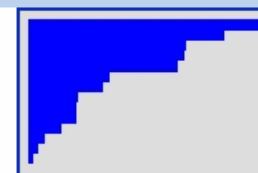
Usage of Open Access Repository Software



Open Access Repository Types



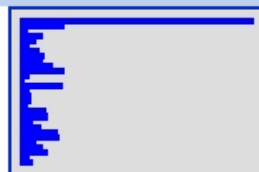
Repository Operational Statuses



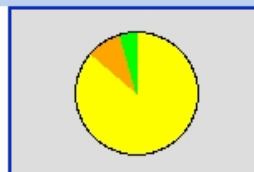
Most Frequent Content Types



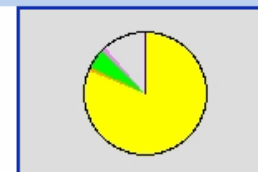
Most Frequent Languages



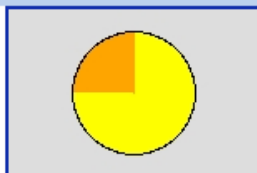
OpenDOAR Subjects



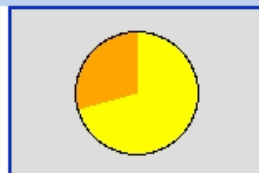
Metadata Re-use Policy Grades



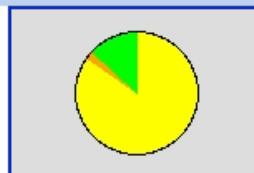
[Full Text] Data Re-use Policy Grades



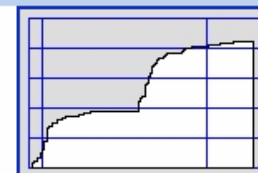
Content Policy Grades



Submission Policy Grades

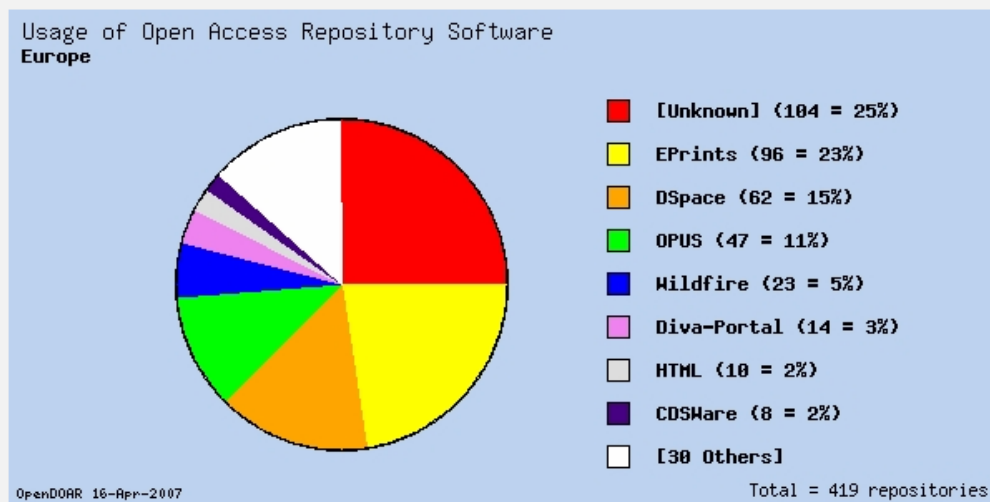


Preservation Policy Grades



Growth of the OpenDOAR Database

Usage of Open Access Repository Software - Europe



For further data, please see the corresponding [table of repositories](#) sorted by software platform.

If you would like to incorporate this chart in your own website, please copy and paste the following HTML source code into the relevant position in your web page:

```

```

This is a dynamic link that will always show the latest OpenDOAR data.

API

- △ www.open_doar.org/tools/api.html
- △ Can provide just titles and URLs, through to all *OpenDOAR* data
- △ HTTP Get requests, returned as XML
- △ Searches all fields publicly shown, and others - eg internal id for record, policy grading codes
- △ Allows some Boolean searching
- △ Output data licensed as CC - nc-sa

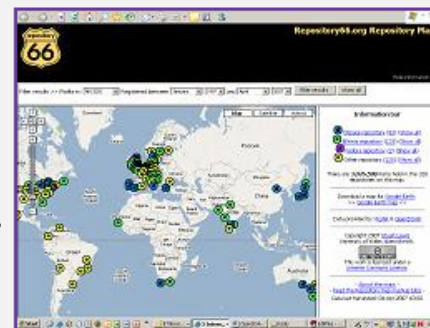
Application Programmers' Interface (API)

[Introduction](#) | [Technical Manual](#) | [Code Lists](#) | [Sample Output](#) | [XML DTD](#) | [Version Changes](#)

The API is a machine-to-machine interface that lets third party applications run a wide variety of queries against the *OpenDOAR* Database and get back XML data. You can choose to receive just repository titles & URLs (suitable for OAI-PMH harvesting), or all the available *OpenDOAR* data, or intermediate levels of detail. You can then incorporate the output into your own applications and 'mash-ups'.

There are many uses to which the API can be put - either to re-purpose the data, or to use it to control operations such as OAI-PMH harvesting. The three experimental applications listed below give a flavour of the sort of things that can be done. They were initially created by external collaborators when the API was at the prototype stage, and are listed with their permission.

- [Repository66](#) - This is a mash-up of *OpenDOAR* data with Google Maps and repository growth charts from [ROAR](#), developed by Stuart Lewis of the University of Aberystwyth, Wales.
- [A library collection managers' tool](#), being developed by Eric Lease Morgan of the University Libraries of Notre Dame, Indiana, USA. The purpose of this prototype tool is to identify Open Access repositories by subject for mirroring/indexing.
- [Repository Junction](#) - a proof of concept application developed by Ian Stuart, EDINA, University of Edinburgh. This uses [Athens](#) authentication to determine the user's institution, and then uses the *OpenDOAR* API to display a list of the repositories that the institution hosts.



Stuart Lewis's *Repository66* Mash-up

Other possibilities that come to mind include: displaying a list of repositories for a given country (perhaps in association with an [OpenDOAR Chart](#)); gathering a collection of OAI Base URLs for repositories containing material in a given language, which can then be harvested for a specialist search service; and compiling data for statistical purposes.

OpenDOAR API output data is licenced for re-use under a Creative Commons Attribution-Non-Commercial-Share Alike licence. See <http://creativecommons.org/licenses/by-nc-sa/2.0/uk/> for further details.

Basic Principles

The API works by client programs making HTTP get requests to the API at <http://opendoar.org/api.php>, with the URL's arguments indicating the required query criteria and output format. The results are returned as an XML stream.

Queries can search all the fields that the interactive *OpenDOAR* [Find](#) facility can search - Keywords, Country/Continent, Language, Subject Area, and Content Type. Keywords can search all the text fields, or specific families of fields such as URLs, Software Names & Versions, etc. There are additional fields that currently only the API can search - *OpenDOAR* Record ID, Policy Grade, *OpenDOAR* Record Update Date, and presence/absence of an OAI Base URL. Furthermore, the API has extra functionality that [Find](#) does not have. You can search for lists of countries, languages, subjects, etc. and there is some Boolean logic.

Application Programmers' Interface (API)

[Introduction](#) | [Technical Manual](#) | [Code Lists](#) | [Sample Output](#) | [XML DTD](#) | [Version Changes](#)

Technical Manual

Basic Principles

The API works by client programs making HTTP get requests to <http://opendoar.org/api.php> or <http://opendoar.org/api12.php>, with the URL's arguments indicating the required query criteria and output format. The results are returned as an XML stream. The URL `api12.php` is specific to version 1.2 of the API. The URL `api.php` always uses the version that is current at runtime.

Licencing

OpenDOAR API output data is licenced for re-use under a Creative Commons Attribution-Non-Commercial-Share Alike licence. See: <http://creativecommons.org/licenses/by-nc-sa/2.0/uk/>.

Input Parameters

All URL parameter names are in lower case. Parameter values are case-insentitive.
Query Specification

1. `all` (*optional*) - **Complete database**. Only permitted value is `'all=y'`.
2. `rid` (*optional*) - **OpenDOAR Record Identifier**. A comma-separated list of internal OpenDOAR ID numbers. (The `rID` argument in the `<repository>` XML tag).
3. `co` (*optional*) - **Country/Continent**. A list of ISO-3166 2-letter country codes or continent/Region names (see Appendix A) separated by commas. These will be searched using OR logic. See: <http://www.iso.org/iso/en/prods-services/iso3166ma/02iso-3166-code-lists/list-en1.html>
4. `la` (*optional*) - **Language**. A list of ISO 2-letter language codes separated by commas. These will be searched using OR logic. See: http://en.wikipedia.org/wiki/List_of_ISO_639-1_codes
5. `subject` (*optional*) - **Subject area codes**. A list of OpenDOAR subject codes, separated by commas. Multiple codes are searched using OR logic. List in Appendix B.
6. `ct` (*optional*) - **Content type codes**. A list of OpenDOAR numeric content type codes separated by commas. These will be searched using OR logic. List in appendix C.

Query specification

- △ *all optional*
- △ **all** – Complete database.
- △ **rid** – *OpenDOAR* Record Identifier.
- △ **co** – Country/Continent.
- △ **la** – Language.
- △ **subject** – Subject area codes.
- △ **ct** – Content type codes.
- △ **pograde** – Policy grade codes.
- △ **since** – Update date.
- △ **before** – Update date.
- △ **oai** – OAI Base URL Availability.
- △ **kwd** – Keywords.
- △ **multi** - Qualifier for multi-string kwd parameters.
 - **phrase** [*default*]
 - **begins**
 - **ends**
 - **all**
 - **any**
- △ **fields** – Field family code.
 - **rname**
 - **oname**
 - **sw**
 - **url**
 - **all** [*default*]
- △ **bool** – Boolean operator
 - **and** [*default*]
 - **or**

The *show* output option

- △ **show** (*optional*) – **Collections of fields to be output:**
- △ **min** – Minimum data – Repository name, acronym, preference, URL, and OAI Base URL.
- △ **basic** [*default*] – as for min, plus Academic unit name, acronym, preference and URL, Organisation name, acronym, preference and URL, Postal Address, Country, Latitude and Longitude, Phone and Fax, Description, Remarks, Number of records and Date harvested for record count. These are generally the most popular fields.
- △ **index** – as for min, plus lists of index terms and categories - i.e. Year established, Repository type, Operational status, Software name & version, Subject classes, Languages, Content types, and Policy grades.
- △ **contact** – as for min, plus list of contacts – i.e. Personal name, Job title, Email and Phone
- △ **policy** – as for min, plus list of Policy grades, and Standardised policy statements.
- △ **max** – Maximum data for all available fields.
- △ *Multiple options can be specified, separated by commas. Where options overlap, fields are not duplicated in the output.*

Examples

- △ <http://opendoar.org/api12.php?co=fr,ca,be,ch&la=fr&show=min&sort=co,rname>
- △ Finds repositories in France, Canada, Belgium or Switzerland in the French language. Returns repository names & URLs sorted by country & repository name.

- △ <http://opendoar.org/api12.php?kwd=geo%20earth&multi=any&subject=cam&bool=or>
- △ Finds repositories containing the strings 'geo' or 'earth' or with the subject code for 'earth and planetary sciences'. By default, returns summary records sorted by repository name.

- △ <http://opendoar.org/api12.php?kwd=CCLRC%20ePublication%20Archive&show=max>
- △ Shows all available *OpenDOAR* data for the *CCLRC ePublication Archive*.

API test use by

△ Repository66

- A mash-up by Stuart Lewis, Aberystwyth, which shows the location of repositories on a world map

△ Library Collection Manager's tool

- Eric Lease Morgan, of Notre Dame Indiana, identifying repositories by subject for indexing

△ Repository Junction

- Part of the recently announced Depot service in the UK, by Ian Stuart of EDINA, using Athens authentication to determine user's institution, then showing relevant repositories for use.

OpenDOAR

DIRECTORY OF
OPEN ACCESS
REPOSITORIES



OPEN SOCIETY INSTITUTE
& Soros Foundations Network

JISC



www.opendoar.org

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The University of
Nottingham





OpenDOAR Policy Grade Codes

- △ 1 Content policies unknown
- △ 2 Content policies not stated
- △ 3 Content policies explicitly undefined
- △ 4 Content policies unclearly stated
- △ 5 Content policies defined
- △ 6 Metadata policies unknown
- △ 7 Metadata policies not stated
- △ 8 Metadata re-use policy explicitly undefined
- △ 9 All metadata re-use prohibited
- △ 10 Metadata re-use policy unclearly stated
- △ 11 Metadata re-use permitted for not-for-profit purposes
- △ 12 Commercial metadata re-use permitted
- △ 13 Full data item policies unknown
- △ 14 Full data item policies not stated
- △ 15 Full data item policies explicitly undefined
- △ 16 All re-use of full data items prohibited
- △ 17 Harvesting full data items by robots prohibited
- △ 18 Policy for the re-use of full data items unclearly stated
- △ 19 Rights vary for the re-use of full data items
- △ 20 Re-use of full data items permitted for not-for-profit purposes
- △ 21 Commercial re-use of full data items permitted
- △ 22 Submission policies unknown
- △ 23 Submission policies not stated
- △ 24 Submission policies explicitly undefined
- △ 25 Submission policies unclearly stated
- △ 26 Submission policies defined
- △ 27 Preservation policies unknown
- △ 28 Preservation policies not stated
- △ 29 Preservation policies explicitly undefined
- △ 30 Preservation policies unclearly stated
- △ 31 Preservation policies defined

OpenDOAR Subject Areas

△ Multidisciplinary

△ Science General

- Agriculture, Food and Veterinary
- Biology and Biochemistry
- Chemistry and Chemical Technology
- Earth and Planetary Sciences
- Ecology and Environment
- Mathematics and Statistics
- Physics and Astronomy

△ Health and Medicine

△ Technology General

- Architecture
- Civil Engineering
- Computers and IT
- Electrical and Electronic Engineering
- Mechanical Engineering and Materials

△ Arts and Humanities General

- Fine and Performing Arts
- Geography and Regional Studies
- History and Archaeology
- Language and Literature
- Philosophy and Religion

△ Social Sciences General

- Business and Economics
- Education
- Law and Politics
- Library and Information Science
- Management and Planning
- Psychology

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Code Lists

Appendix A - OpenDOAR Continent/Region Names

Africa
Antarctica *
Asia
Australasia
Caribbean *
Central America
Europe
North America
Oceania *
South America

* At the time of writing, there were no repositories in OpenDOAR for these continents.

Appendix B - Hierarchical List of OpenDOAR Subject Area Codes

C	Multidisciplinary
Ca	Science General
Cad	Agriculture, Food and Veterinary
Cag	Biology and Biochemistry
Cak	Chemistry and Chemical Technology
Cam	Earth and Planetary Sciences
Cap	Ecology and Environment
Car	Mathematics and Statistics
Cat	Physics and Astronomy
Ce	Health and Medicine
Ci	Technology General
Cif	Architecture
Cil	Civil Engineering
Cin	Computers and IT

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Appendix E - Example Output XML Record

XML header & Legal Notices

```

<?xml version="1.0" encoding="UTF-8" ?>
<!DOCTYPE OpenDOAR SYSTEM "api12.dtd">
<OpenDOAR apiVersion="1.1">
  <copyright>Copyright 2007, University of Nottingham</copyright>
  <licence>OpenDOAR data is available for re-use under a Creative Commons
    Attribution-Non-Commercial-Share Alike licence</licence>

```

API Query Parameters & Diagnostics - Displayed when &header=y

```

<header>
  <parameters>
    <parameter>
      <parametername>kwd</parametername>
      <parametervalue>xerxes</parametervalue>
    </parameter>
    <parameter>
      <parametername>show</parametername>
      <parametervalue>max</parametervalue>
    </parameter>
    <parameter>
      <parametername>header</parametername>
      <parametervalue>y</parametervalue>
    </parameter>
    <parameter>
      <parametername>multi</parametername>
      <parametervalue>phrase</parametervalue>
    </parameter>
    <parameter>
      <parametername>fields</parametername>
      <parametervalue>all</parametervalue>
    </parameter>
    <parameter>
      <parametername>bool</parametername>
      <parametervalue>AND</parametervalue>
    </parameter>

```

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Appendix F - Document Type Definition (DTD) for XML Output

```

<?xml version='1.0' encoding='UTF-8' ?>
<!--
  Document Type Definition for OpenDOAR API 1.1 output
  Copyright 2007 SHERPA, University of Nottingham
-->
<!-- <OpenDOAR> is the root element -->
<!ELEMENT OpenDOAR      (copyright,licence,header?,repositories)>
<!ATTLIST OpenDOAR apiVersion CDATA #REQUIRED>
<!ELEMENT copyright     (#PCDATA)>
<!ELEMENT licence       (#PCDATA)>
<!ELEMENT header        (parameters+,numhits?,timestamp,errors*)>
<!ELEMENT parameters    (parameter*)>
<!ELEMENT parameter     (parametername?,parametervalue?)>
<!ELEMENT parametername (#PCDATA)>
<!ELEMENT parametervalue (#PCDATA)>
<!ELEMENT numhits       (#PCDATA)>
<!ELEMENT timestamp     (#PCDATA)>
<!ELEMENT errors        (error*)>
<!ELEMENT error         (#PCDATA)>
<!ELEMENT repositories  (repository*)>
<!ELEMENT repository    (rName?,rAcronym?,rNamePreferred?,rUrl,
  rOaiBaseUrl?,
  uName?,uAcronym?,uNamePreferred?,uUrl?,
  oName?,oAcronym?,oNamePreferred?,oUrl?,
  postalAddress?,country,paPhone?,paFax?,
  rDescription?,rRemarks?,rNumOfItems?,
  rDateHarvested?,rYearEstablished?,
  repositoryType?,operationalStatus?,
  rSoftwareName?,rSoftwareVersion?,
  classes*,languages*,contentTypes*,
  policies*,contacts*)>
<!ATTLIST repository rID CDATA #REQUIRED>
<!ELEMENT rName         (#PCDATA)>
<!ELEMENT rAcronym      (#PCDATA)>
<!ELEMENT rNamePreferred (#PCDATA)>
<!ELEMENT rUrl          (#PCDATA)>
<!ELEMENT rOaiBaseUrl   (#PCDATA)>

```