*Open*DOAR
The Directory of
Open Access Repositories

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Repository development

△ Enthusiasm and establishment from many levels
  - Subject based
  - Institutionally based
  - Departmentally based
  - Funding agency based
  - National archives

△ Content types are expanding
  - multiple-type holdings based on institution

△ Based on data-sets or collections
  - multiple-type holdings based on topic

△ Various software solutions

Developments & schisms

△ Open Access
  – but not OAI-PMH
  – but not scholarly material
  – is scholarly, but innovative content

△ Repositories gaining connections - & loosing clarity?
  – Modified to accept publishers' embargoes
  – Relating or merging with research assessment needs

△ Spin and confusions - "open" "access"
  – but not immediate access
  – but not full-text
  – but hedged with restrictive rights-limitations
  – but not free - subscription or fee required

Repositories

△ What is out there?

Institutional Repository use

△ Two sets of end-users - two modes of use

△ Meta-users

  – Browse and analyse statistics and aggregates

  – Browse and analyse countries, institutions and funding

  – Analyse and utilise metadata and repository descriptions

△ Researchers

  – Target individual eprints

  – View repositories through search service

  – Over-view of repositories themselves is less relevant

Meta-users background

△ Repository administrators need ways of ensuring maximum exposure and use of their holdings

△ Funders would like ways to check their research is suitably housed and see how it is used

△ Institutional managers need overviews of colleague and competitor situations

△ Service providers need a way of contacting and liaising with repository administrators as a body

△ OA advocates need repository overviews and stat.s

△ All stakeholders need clarity on the overall scale, scope and development of the repository network

OpenDOAR - vision

△ **A Directory**

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

△ **A Registry**

– with registration services, FAQs and listed desriptions 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

Funded by . . .

Building from colleagues . . .

△ *Lists and services include -*

△ OAI Registry of registered data providers

△ Southampton's registry of OA archives

△ Oaister's institution records

△ JISC Information Environment Service Registry

△ eg SPARC's Select List of Institutional Repositories

– *selected by institution and content*

△ eg DSpace or BePress lists

– *selected by software type*

△ eg DARE repositories

– *selected by country*

DOAJ - Directory of Open Access Journals

- △ DOAJ covers free, full text, quality controlled scientific and scholarly journals in all subjects and languages

- △ There are now 1842 journals in the directory

- △ Currently 455 journals are searchable at article level

- △ Currently 79,574 articles are included in DOAJ

- △ www.doaj.org

SHERPA/RoMEO

△ Continuing project & under development . . .

△ www.sherpa.ac.uk/romeo.php

Statistics for the 124 publishers on this list

ROMEO colour	Archiving policy	Publishers	%
green	can archive pre-print and post-print	65	52
blue	can archive post-print (ie final draft post-refereeing)	25	20
yellow	can archive pre-print (ie pre-refereeing)	3	2
white	archiving not formally supported	31	25

Summary: **75%** of publishers on this list formally **allow** some form of self-archiving.

Other projects and relations

- △ Service providers
  - – Thomson ISI, Google, ePrintsUK
- △ National bodies
  - – JISC, SURF, University groups, Funding agencies
- △ Repository projects
  - – eprints, eTheses, multimedia, data-sets, learning objects
- △ Collective repository initiatives
  - – DARE, ARROW, JISC Digital Repositories Programme
- △ Repository software suppliers
  - – eprints.org, BePress
- △ . . . and obviously repositories themselves . . .

OpenDOAR development

- △ 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

Test metadata for survey - 1

△	Organisation name	Required	
△	Repository name	Required	
△	Home & OAI URLs	Required	
△	OAI compliance validation	Required	
△	Contact email	Required	
△	Postal address		Optional
△	Description	Required	
△	Presence of user licence		Optional
△	Re-use policy	Required	
△	Content type	Required	
△	Size		Optional

Test metadata for survey - 2

△ Collection Policy		Optional
△ Software used		Optional
△ Subject-Institution-Funding Body basis	Required	
△ Preservation Policy		Optional
△ Embargo Policy	Required	
△ Envisaged constituency it serves		Optional
△ Constituency that can deposit		Optional
△ Year established		Optional
△ Date of last deposit		Optional
△ Rate of deposition		Derived
△ Subjects covered	Required	

Subject based content

- Agriculture & Food Sciences
- Arts & Architecture
- Biology & Life Sciences
- Business & Economics
- Chemistry
- Earth & Environmental Sciences
- General Works
- Health Sciences

- History & Archaeology
- Languages & Literatures
- Law & Political Science
- Mathematics & Statistics
- Philosophy & Religion
- Physics & Astronomy
- Science General
- Social Sciences
- Technology & Engineering

Test Repositories

- △ The Arts & Humanities Data Service
- △ Behavioural & Brain Sciences Journal
- △ British Library
- △ CCLRC - (Council for the Central Laboratory of the Research Councils)
- △ Dalarna University Electronic Archive
- △ University of Edinburgh
- △ University of Glasgow
- △ Göteborg University
- △ Imperial College
- △ Lund University Dissertations
- △ Lund University Institutional Archive
- △ UK National Digital Archive of Datasets
- △ University of Newcastle
- △ University of Nottingham
- △ School of Oriental & African Studies
- △ University of Southampton
- △ University College London
- △ Uppsala University Publications
- △ White Rose Partnership
- △ WWW Conferences Archive

Related work . . .

SHERPA -

△ Securing a Hybrid Environment for Research
  Preservation and Access

△ Partner institutions

  – Birkbeck College, Birmingham, Bristol, Cambridge,
    Durham, Edinburgh, Glasgow, Imperial College,
    Kings College, Leeds, LSE, Newcastle, Nottingham,
    Oxford, Royal Holloway, School of Oriental and African
    Studies, Sheffield, University College London,York;
    the British Library and AHDS

△ www.sherpa.ac.uk

SHERPA - practical outcomes

- △ Establishing an archive
- △ Populating an archive
- △ Copyright
- △ Advocacy & changing working habits
- △ Mounting material
- △ Maintenance
- △ Preservation
- △ Concerns

SHERPA DP

- △ 2 year project to December 2006
- △ Use OAIS model to develop a persistent preservation environment for SHERPA
- △ Explore use of METS as metadata framework
- △ Protocols for a working preservation service
- △ Extend the storage layer of repository software with open Source extensions
- △ "Digital Preservation User Guide"

SHERPA Plus

- 2 year project to July 2007 for national UK support
- Advocacy strategies and material for the further population of existing repositories
- Resources, information and advice for all institutions wanting to establish repositories
- Support for repository-level, institutional and national policy development
- Review and analysis of extending repository holdings with datasets, multimedia, grey literature, learning objects and other content types

UKCORR- *UK Council Of Research Repositories*

- Arts and Humanties Data Service
- University of Bath
- Birkbeck College
- University of Birmingham
- University of Bristol
- British Library
- University of Cambridge
- De Montfort University
- University of Durham
- University of Edinburgh
- University of Glasgow
- Imperial College
- Kings College
- University of Leeds
- University of Liverpool
- London School of Economics
- University of Newcastle
- University of Nottingham
- Open University
- University of Portsmouth
- Royal Holloway
- School of Oriental and African Studies
- University of Sheffield
- University of Southampton
- University of Stirling
- University of Strathclyde
- University College, London
- University of York

We would encourage . . .

△ Countries to set up their own national repository administrators user groups

△ Groups to contact us so we can create a listing for them

△ Repository administrators to contact us with details of their repositories and where possible to fill in the self-registration/update form when the list goes live

△ Service providers to contact us with information about their services for repositories - search, software etc

△ Any other stakeholder to contact us with their own needs for repository overviews or coordinated development within OpenDOAR

http://www.opendoar.org

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