DRIVER &
The Global Open Access Challenge

University of Durham, 22nd March 07

Mary Robinson
SHERPA European Development Officer
University of Nottingham
mary.robinson@nottingham.ac.uk
OA as a Global Movement

△ Projects and Initiatives

European Example:
- The Berlin Declaration (2003)
  “to promote the Internet as a functional instrument for a global scientific knowledge base and human reflection and to specify measures which research policy makers, research institutions, funding agencies, libraries, archives and museums need to consider.

We define open access as a comprehensive source of human knowledge and cultural heritage that has been approved by the scientific community.

In order to realize the vision of a global and accessible representation of knowledge, the future Web has to be sustainable, interactive, and transparent. Content and software tools must be openly accessible and compatible”.

226 organisations from all over the world have signed the Berlin Declaration:
Governments, universities, research institutions, funding agencies, foundations, libraries, museums, archives, learned societies and professional associations
OA as a Global Movement

Follow-Up Conferences on Berlin Declaration:
- CERN May 2004
- SOUTHAMPTON Feb 2005
- Golm March 2006
- Padua September 2007

Recent & Forthcoming Conferences on OA:
- 11th International Conference on Electronic Publishing, Vienna University of Technology, Austria, June 2007
Welcome

The ARROW project will identify and test software or solutions to support best practice institutional digital repositories comprising e-prints, electronic theses, research and electronic publishing.

The ARROW project is funded by the Australian Commonwealth Department of Education, Science and Training, under the Research Information Infrastructure Framework for Australian Higher Education.

The ARROW Project is sponsored as part of the Commonwealth Government’sBacking Australia’s Ability.

Consortium and Community Members

The ARROW Consortium comprises: Monash University (lead institution), National Library of Australia, the University of New South Wales, and Swinburne University of Technology. University of Southern Queensland became a member in September 2006 through the PILIN Project.

ARROW Community members are: Queensland University of Technology, Central Queensland University, University of South Australia, University of Western Sydney and La Trobe University.

PUBLIC Project members who have joined the ARROW Community are: Macquarie University, Murdoch University, University of the Sunshine Coast, University of Newcastle and University of New England.

This Site...

This site provides details on the ARROW Project through the navigation links at the top of this page.

Important Links

- PILIN: Persistent Identifiers Linking Infrastructure project
- ARROW repositories at participating institutions

ARROW Discovery Service

- ARROW Discovery Service managed by the National Library of Australia (NLA)
  - Usage statistics

  search:  
  Go
Spanish National Research Council signed the EC Open Access Petition as an organisation.

Welcome to SPARC Europe, the alliance of European research libraries, library organizations, and research institutions. We advocate change in the scholarly communications market, support competition, and encourage new publishing models (in particular, open access models) that better serve the international researcher community.

Several national organizations and institutions in Europe sponsor SPARC Europe, including the Joint Information Systems Committee (JISC) in the UK, the Society of College, National and University Libraries (SCONUL) of the UK and Ireland, and UKB, the Netherlands Cooperative of Research Libraries. In collaboration with WMI, the SURF Foundation program for innovation in scientific information supply, LIBER also participates in SPARC Europe.

SPARC Europe collaborates with the international SPARC organization based in Washington, DC, but develops Europe-focused initiatives under the direction of a Board of Directors and the SPARC Europe Director. Membership of SPARC Europe is open to national and academic libraries, library organizations and research institutions in the region.

In these pages you will find more information on SPARC Europe (on the 'about us' page), together with details of the initiatives and programmes we support (resources). SPARC Europe is a member organization and we encourage you to contact us with suggestions and comments on how to accelerate change in scholarly communications.

David Prosser, Director
SPARC Europe
Bedfordian Library
Broad Street
What is DARE?
The DARE programme is a joint initiative by all the Dutch universities and the National Library of the Netherlands, the Royal Netherlands Academy of Arts and Sciences (KNAW) and the Netherlands Organisation for Scientific Research (NWO). Its aim is to store the results of all Dutch research in a network of so-called "repositories", thus facilitating access to them. All the institutions involved do this in a similar way, but retain responsibility for and control over their own data. This material can then be made available in a range of ways and forms: online through personal or university websites, existing preprint servers or e-journals, or in traditional journals or books. Or even in new, yet to be developed means of academic communication.

Why DARE?
It is important that the results of academic research in the Netherlands be stored and made digitally accessible, and that this is done in a reliable way. The universities thus obtain access to their intellectual property, while the academics can concentrate upon their research work without having to worry about storage and availability issues.

Academic research is increasingly conducted and published using ICT and the Internet. Therefore, it is a logical step for the universities to support this online activity in a structural way. The DARE programme assists them in playing a full and responsible role in providing access to that research.

More reasons why DARE is important...
- It raises the profile of academic work in relevant environments.
- It improves access to academic work for those with an interest in it.
- It makes it easier to find the academic output of colleagues and peers.
- It contributes to priority claims by enabling rapid public dissemination.
- It guarantees the technical "durability" of data files.
- It reinforces the university's image as a centre of knowledge.
OpenDOAR - Repositories worldwide

- Europe (49%)
- North America (33%)
- Australasia (7%)
- Asia (5%)
- South America (4%)
- Africa (1%)
- Central America (1%)
- Others
OA in Europe

△ Initiatives


- analysis of the current scholarly journal publication market
- extensive consultation with all the major stakeholders within the scholarly communication process (researchers, funders, publishers, librarians, research policymakers, etc.)

Conclusion:

- “dissemination and access to research results is a pillar in the development of the European Research Area”
- Study made a number of recommendations to improve the visibility and usefulness of European research outputs
OA in Europe

△ Initiatives
Petition for guaranteed public access to publicly-funded research results …
http://www.ec-petition.eu/

Urges the EC to adopt the first recommendation:
GUARANTEE PUBLIC ACCESS TO PUBLICLY-FUNDED RESEARCH RESULTS SHORTLY AFTER PUBLICATION

“The Commission has a unique opportunity to place Europe at the forefront of the dissemination of research outputs and we encourage you to adopt the Study recommendations for the benefit of European research”

Total 23888 signatories since January 17th, 2007
OA in Europe

△ Barriers
- Technical
- Political
- Cultural
- Language
- Knowledge, Information & Distance
DRIVER - Digital Repository Infrastructure Vision for European Research

- EU-funded 18 month project

- 10 European partners: Greece, UK, Italy, France, Belgium, Germany, Poland and the Netherlands

- University of Nottingham
  - Advocacy role

- Activities
  - Conference attendance
  - Briefing papers
  - DRIVER leaflets
  - Website & Wiki
  - Mentor service
DRIVER - Aims and Objectives

∆ To organise and build a virtual, European scale network of existing institutional repositories
∆ To assess and implement state-of-the-art technology, which manages the physically distributed repositories as one large scale virtual content resource
∆ To assess and implement a number of fundamental user services
∆ To identify, implement and promote a relevant set of standards
∆ To prepare the future expansion and upgrade of the DR infrastructure across Europe and to ensure widest possible involvement and exploitation by users
OpenDOAR - Repositories in Europe

- Germany (26%)
- United Kingdom (22%)
- Netherlands (11%)
- France (7%)
- Sweden (7%)
- Italy (6%)
- Belgium (3%)
- Spain (3%)
- Others
Δ Country Specific

Belgium:
Δ more than 200 rectors and ministers and the two national funding bodies (the FWO- Fonds voor Wetenschappelijk Onderzoek and the FNRS - Fonds National de la Recherche Scientifique) signed the Berlin Declaration.

Δ 13 February 2007: national conference on Open Access to Belgian research, “How to increase your Impact with Open Access”, 14 more Belgian university rectors, the two regional Ministers of Science and the President of the Council of Schools for HE also joined the signatories’ list.

Ireland:
Δ 3 year project starting April 2007-2010
Δ The deliverables are- repositories in all 7 universities, a national search service, co-ordination of relevant standards and of copyright and licence policies.
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<th>DRIVER Partners</th>
<th>Countries with contacts</th>
<th>Countries with no contacts or known repositories</th>
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Austria
Denmark
Finland
Portugal
Sweden

Bulgaria
Cyprus
Estonia
Lithuania
Malta
Romania
Slovakia
DRIVER- Stakeholder & Information Gap Analysis

- Academics
  - as authors
  - as researchers
- Institution Administrators
- Repository Administrators
- Library & Support Staff
- Funding Agencies
  - National government
  - European
  - Other
- Publishers
- National Research bodies
- European Research bodies
- General Public
DRIVER- www.driver-support.org

△ Information Dissemination
  – Infrastructure, Materials, Services and Advocacy

△ Support & Facilitate Communication
  – Point of contact
  – News, Events, Links
  – Wiki, Mentor service
DRIVER - Digital Repository Infrastructure Vision for European Research

Welcome to the DRIVER website, supporting repository development across Europe.

Digital repositories can help make research information more widely available, more widely used, and improve the process of research itself. There is a world-wide movement to open up access to research information in this way. DRIVER is working to create a European network of repositories to disseminate and use research information.

Use this site to access information, support and services relating to Open Access and digital repositories and to become part of this growing community.

There is information available for different interested parties - researchers, research funders, administrators and others. There is general information relating to the ideology and practical implementation of repositories.

The site holds details on the state of development in different European countries and how you can join the growing international network.

You may also want to suggest events or announce news on this site that other visitors may find useful.
Information for Funding Agencies

Many funding agencies now have rules in place which make deposit in an open access repository a requirement of any research grant. Other funders make a strong recommendation for deposit, or may make additional funds available for publication in an open access journal.

Central to the recommendations of the recent European Commission’s *Study on the Economic and Technical Evolution of the Scientific Publication Markets in Europe* is the development of a European policy mandating open access to EC-funded research. The study emphasises the role of research funders in this:

"...there is a central role for research funding bodies in Europe in the shaping of new models for publishing and communicating research results.*

Recommendations

Funding agencies should develop policies on Open Access. These policies should:

1. Allow researchers to publish wherever they feel is most appropriate
2. Increase the visibility of and improve access to the research
3. Be based on recognised best practice
4. Mandate that all researchers funded lodge their publications resulting from funded research in an open access repository as soon as possible after publication, to be made openly accessible within 6 months of the latest:
   a. The repository may be a local institutional and/or a subject repository.
   b. Authors should deposit post-prints (or publisher’s version if permitted) plus metadata of articles accepted for publication in peer-reviewed journals and international conference proceedings.
   c. Deposit should be made upon acceptance by the journal/conference. Repositories should release the metadata immediately, with access restrictions to full text article to be applied as required. Open access should be made available as soon as practicable after the author-requested embargo, or six months, whichever comes first.

These recommendations were developed from the EURAB report “Scientific Publications: policy on Open Access”.

*Source: EURAB*
Information about Countries

As part of its work, DRIVER is collecting information on the development of Open Access and other digital repositories across Europe, together with the national support structures and stakeholders. Four National Models of repository networking have been identified as have National Support structures needed to support national development.

The links below provide information on the national picture of development, including contacts. For recent developments and local news and events in each country see the DRIVER Wiki - which allows community-based updating of its contents to reflect this rapidly changing environment.

European Union Member States

- Austria
- Belgium
- Cyprus
- Czech Republic
- Denmark
- Estonia
- Finland
- France
- Germany
- Greece
- Hungary
- Ireland
- Italy
- Latvia
- Lithuania
- Luxembourg
- Malta
- Netherlands
- Poland
- Portugal
- Slovakia
- Slovenia
- Spain
- Sweden
- United Kingdom

A service called *OpenDOAR* lists and classifies repositories of open access academic material around the world. This allows users to search for repositories or list them by country.
OA as a Global Movement

United Kingdom: Summary of Activities

UK Open Access repositories

There are 92 Open Access (OA) repositories in the UK representing 74 institutions. According to OpenDOAR - a directory that lists repositories - there are currently 836 repositories worldwide. The UK accounts for 11% of this total.

Research-led OA institutional repositories

Of the 50 research-led universities in the Russell Group, 18 have institutional repositories and of the 19 universities in the JISC Group, 13 have institutional repositories (IRs).

OA Journals:

There is currently a parallel development of OA journal initiatives taking place. There are currently over 2,500 OA journals, which are global.

Funding Policies:

Out of the 8 government Funding Agencies, 6 have OA policies; 3 other UK funding bodies also have policies. These include the Wellcome Trust, the Medical Research Council and the Arthritis Research Campaign. The policies require or encourage that researchers make their material open access. These policies are listed in the JULIET service.

Institutional Policies/Declarations:

Some institutions are accepting archiving policies for the work of their staff. Other declarations in support of Open Access include the Scottish Declaration on Open Access from Scottish universities, research funders, the Scottish Higher Education Funding Council, the Scottish Executive. The Russell Group has publicly declared that they wish to minimise barriers to the dissemination of research output.

Investment

JISC has currently invested £14 million in projects related to Open Access, such as ERP (see below). There have been two previous major funding programmes producing SHERPA, ETHOS and many others (see below).
DRIVER - Digital Repository Infrastructure Vision for European Research

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European Open Access News

Success of the Welsh Repository Network Start-Up Bid - February.

The University of Wales Aberystwyth has been successful, on behalf of WHELE (Wales Higher Education Libraries Forum), in winning funding for a Repository Start-Up project under the JISC Repositories and Preservation Programme.

The project will support a centrally managed hardware procurement programme designed to provide every Higher Education Institution (HEI) in Wales with dedicated and configured repository hardware by the end of 2007 as a significant step towards the realisation of a Welsh Repository Network. In conjunction with the technical, organisational and operational support specifically provided for Welsh HEIs within the JISC funded Repositories Support Project, this initiative will provide a decisive boost to the repository agenda in Wales.

Scientific Publishing Conference, Brussels 15th - 16th February.

The European Commission recently held a conference of significant importance for the future of scientific publishing in Europe. Over 300 attendees from all stakeholder groups were represented for a fascinating programme of presentations from many of the leading figures in the field. DRIVER was well represented by seven of its partners who made a number of useful contacts with repository professionals and interested parties from across Europe. DRIVER staff will be following up these contacts and many of the issues raised.

Outcomes from the Conference have been widely reported and discussed. Particularly useful summaries are to be found by Martin Enserink in Science Magazine and are excerpted in Peter Suber’s blog of 23rd February.

Petition for guaranteed public access to publicly-funded research results

In the wake of the publication of the report from the Study on the Economic and Technical Evolution of the Scientific Publication Markets of Europe’s consortium of organisations working in the scholarly communication arena to sponsoring a petition to the European Commission to demonstrate support for Open Access and for the recommendations in the report.

Signatures may be added on behalf of individuals or institutions.
Community Resources

DRIVER is committed to encouraging and supporting communication and a sharing of experience between institutions and other interested groups across Europe.

The DRIVER wiki is currently under development. When finished it will be a key avenue for the sharing of information, current events and developments across Europe. The Wiki will not be an authoritative source of information but instead will represent latest developments across Europe and provide an avenue for local events and developments to be made visible to the larger European community. For authoritative information on the state of development of institutional repositories in your country please see the countries page.

Mentor is a service for developers and managers of institutional repositories across Europe. The purpose of this service is to introduce developers and managers of institutional repositories to their peers on a one-to-one basis in the belief that the sharing of experiences can assist those that follow.
AuseAccess

AuseAccess Home Page

Try the AuseSearch.html facility across all Australian and New Zealand universities.

What’s New

- Page contributed by SHERPA on the UK situation (7 Feb 2007)
- General update on many pages (28 Nov 2006)
- UTas makes e-thesis submission mandatory (3 Nov 2006)
  http://acserv.admin.utas.edu.au/acserv/meetings/Appendix/06_06RGR1.doc
- AuseSearch added (28 Oct 2006)
- Page on hybrid OA journals (16 August 2006)
- UTas update (10 August 2006)
- Flinders and JCU go live (10 August 06)
- Clarification of BM] deposit policy (10 August 2006)

What is AuseAccess? AuseAccess is a wiki devoted to open access repositories in the Australasian region. If you are a return visitor, you may want to select a heading from the sidebar and then click on the Recent Changes link at the top right to see the change list for that section. If this is your first visit, read on.

What is a wiki? A wiki is a collaborative website that is edited and maintained by a community that grows around it. Anyone with edit permission can alter the pages, generally, by adding new information but also by updating or correcting information. They can also add new pages. The information on the wiki grows as the community gets involved. Also since there is no bureaucracy (just open access and open editing) a wiki can be much more up to date than an official website which may take several months or up to a year to be updated.

Contribute! To join this community of contributors, send an email to me: Arthur.Sale@utas.edu.au, and explain where you fit.
Welcome to the Mentor service. This service is available to developers and managers of institutional repositories across Europe.

The purpose of this service is to introduce developers and managers of institutional repositories to their peers on a one-to-one basis in the belief that the sharing of experiences can assist those that follow.

This service is not an alternative to materials and advisory services already available online or to email discussion lists and operates on a good-will basis and as such is free of charge.

To request a Mentor please fill out the contact us form giving a brief description of your question or why you feel you would benefit from a Mentor. Please put "Mentor Request!" in the subject field.

How does this service work?

The Mentor team consider each request individually.

Where a request can best be answered by another means e.g. by information resources already available or via an email list, the team will refer the Mentee to the resource.

Where mentoring is suitable, the Mentor team will identify and contact several possible mentor repositories from their database of repositories. The Mentor team will try to identify three Mentors for each request.

The Mentee will be sent the contact details of the three mentors and can arrange a time to meet or telephone that is suitable to both the Mentee and the Mentor.
DRIVER-future

- Advocacy events – conferences, workshops
- DRIVER testbed of repositories
- DRIVER Wiki
- DRIVER Support website

- DRIVER II