

The DRIVER Guidelines

In the top-down approach the DRIVER Guidelines have been developed to ensure that repositories expose their content and metadata in a standard way.

For more information, please read the "DRIVER Guidelines" leaflet. The Guidelines can be downloaded from the DRIVER website and any questions can be directed to the DRIVER Helpdesk at helpdesk@driver-support.eu

The Service Infrastructure

The second or bottom-up approach involves the development of technology to harvest content from multiple repositories and manage its transformation into a common and uniform Shared Information Space.

The DRIVER Infrastructure and Shared Information Space is available for re-use by, and integration with, service providers.

Advice on reuse and integration is available from the DRIVER website and any questions can be directed to the DRIVER at info@driver-support.eu.

The Future for DRIVER

The initial phase of DRIVER focused on the support of institutional repositories and textual content in repositories. DRIVER II follows on from this and is funded under the Seventh Framework Programme.

In DRIVER-II, subject communities will feature more prominently in the project and DRIVER technical developments will focus on the development and enhancement of services for specific communities. In DRIVER-II, the technical focus will expand from the management of textual content in repositories to also include the management of complex objects such as data and multimedia. DRIVER's original partnership of 10 European partners which will expand to 13 with a further 6 additional partners to join later.



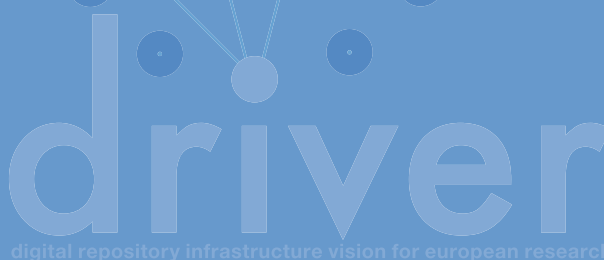
www.driver-community.eu

info@driver-support.eu

- **National and Kapodistrian University of Athens, Greece**
- **Bielefeld University, Germany**
- **Consiglio Nazionale Delle Ricerche, Italy**
- **STICHTING SURF, Netherlands**
- **SHERPA, University of Nottingham, UK**
- **Centre National pour la Recherche Scientifique, France**
- **UKOLN, University of Bath, UK**
- **Uniwersytet Warszawski, Poland**
- **Universiteit Gent, Belgium**
- **Goettingen University, Germany**



**Information
for
Librarians &
Repository Managers**



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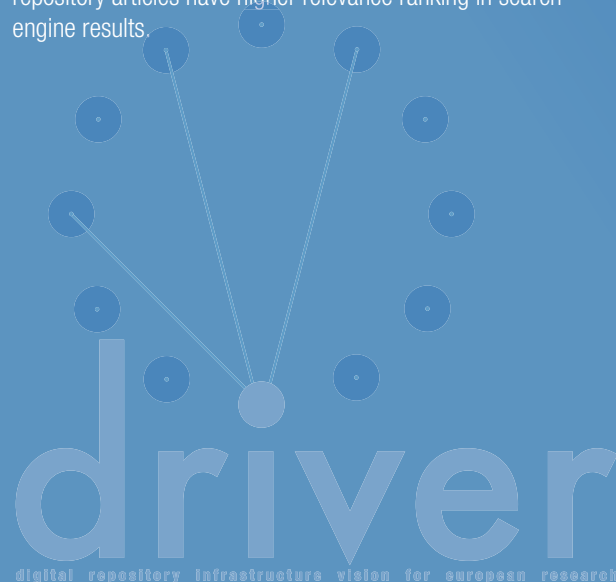
Introduction

Open Access (OA) digital repositories provide a means whereby the traditional publishing model can co-exist with the needs of authors and their readers, as well as with the demands of research funders for research impact and hence, value for money. The OA movement has gained momentum in recent years, with many institutions establishing public archives of research material.

What are Institutional Repositories?

Authors deposit copies of their finished articles in open access repositories that are maintained by their research institution. These copies are in addition to publishing in research journals. Permission to archive is subject to copyright. Full-text articles held in repositories are available to anyone via search services such as Google, Yahoo! and others, as well as via specialised search services such as the BASE search engine (www.base-search.net/).

One of the benefits is increased visibility - content deposited in the repository will be harvested by web search engines. Academic search engines are being developed to take advantage of OA materials. These search engines will be able to utilise the repository metadata, thus helping to ensure that repository articles have higher relevance ranking in search engine results.



The European context

A recent study of scientific publication markets in Europe* funded by the European Commission strongly recommends the development of a European policy, mandating open access to EC-funded research. In addition, it recommends an exploration of interoperability issues and how open access repositories can be implemented Europe-wide.

DRIVER

Digital Repository Infrastructure
Vision for European Research

This is an EU-funded project which is building a testbed for a future knowledge infrastructure of the European Research Area.

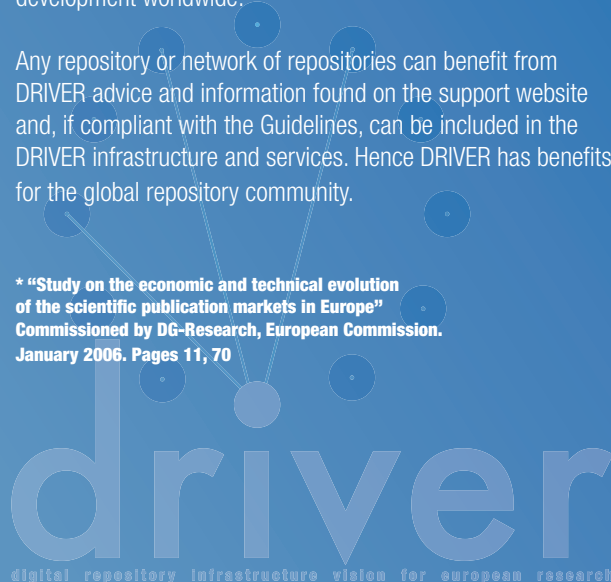
Its main objective is to build a virtual, European scale network of existing institutional repositories using technology that will manage the physically distributed repositories as one large scale virtual content resource.

What does DRIVER offer?

DRIVER provides a unified approach and is leading the way as the largest initiative of its kind in helping to enhance repository development worldwide.

Any repository or network of repositories can benefit from DRIVER advice and information found on the support website and, if compliant with the Guidelines, can be included in the DRIVER infrastructure and services. Hence DRIVER has benefits for the global repository community.

* "Study on the economic and technical evolution of the scientific publication markets in Europe"
Commissioned by DG-Research, European Commission.
January 2006. Pages 11, 70



The DRIVER Search Service

The DRIVER Search Service provides sophisticated searching, for example keyword or location-specific searches.

One of the unique features of the DRIVER Search Service is that it will offer free and immediate access to the full text of research articles produced in Europe.

The search service can also be customised to search only selected repositories. Hence DRIVER search provides a national repository search service which can be customised to local needs.

However, DRIVER is not simply developing a search service but rather aims to provide a fast, cheap, easy way to federate heterogeneous repositories and run advanced services such as search, on top of them via the DRIVER Service Infrastructure.

DRIVER achieves its aims by using two approaches; the DRIVER Guidelines and the DRIVER Service Infrastructure.

