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About EDINA

EDINA is a JISC-funded national datacentre based at the University of Edinburgh. It offers a library of data, information and research resources. All EDINA services are free of charge at the point of use. For information on institutional subscription fees, visit the EDINA web site, or contact us (details below).

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LOCKSS, CLOCKSS and PEPRS are key to digital preservation

EDINA is currently engaged in three key initiatives geared at ensuring long-term availability of scholarly content: LOCKSS, CLOCKSS and PEPRS.

These three projects support the objectives of JISC, the Digital Curation Centre and the Digital Preservation Coalition to foster good practice in digital preservation, with an emphasis on scholarly communication.

UK LOCKSS Alliance



Developing national infrastructures for the archiving of electronic journal content is of increasing importance to the UK library community. LOCKSS (Lots of Copies

Keep Stuff Safe) is an international community initiative, led by Stanford University Libraries, to provide libraries with digital preservation tools and support so that they can easily and inexpensively collect and preserve their own copies of authorised e-content.

JISC and Research Libraries UK (RLUK) worked together to fund a two-year pilot scheme applying LOCKSS in the UK. Following success with 30 libraries, the UK LOCKSS Alliance has now made the transition into a membership organisation, with a JISC-supported national service launched in August 2008 to deliver technical support and programme coordination, led by EDINA in conjunction with the Digital Curation Centre (DCC).

The LOCKSS approach provides a critical component in the distribution of scholarly journals, allowing libraries to take custody of assets for which they have paid (for example through research funding), while conforming to the licensing arrangements they have agreed with scholarly publishers, and sharing the technological infrastructure among the wider UK and global library community. The LOCKSS system can help to improve confidence in electronic journals, and could help libraries justify to their academic colleagues a move from print to electronic documents, eventually providing savings far greater than the cost of participation in the initiative.

Membership in the UK LOCKSS Alliance is open to all HE/FE institutions for an annual fee based on JISC banding.

• <http://edina.ac.uk/lockss/>

The CLOCKSS Archive Network



CLOCKSS, or Controlled LOCKSS, is a joint venture between the world's leading scholarly publishers and research libraries, the purpose of which is to build a sustainable, comprehensive,

geographically distributed archive to ensure the long-term survival of Web-based scholarly publications for the benefit of the greater global research community.

An agreement has been put into place by which the back catalogue and current output of journal content from those publishers (accounting for around 60% of digital journal production) will be routinely archived into the CLOCKSS Archive Network.

When content ceases to be available, for whatever reason (usually a catastrophic system failure of some kind), and for an agreed lapse of time, a "trigger event" is judged by the CLOCKSS Board to have occurred. Content stored in the archive is released to designated delivery platforms or hosts, ensuring unrestricted access to research literature that might otherwise have been lost.

EDINA is a host node for CLOCKSS, which means it has a copy of all the content archived in the CLOCKSS network

• http://edina.ac.uk/projects/clockss_summary.html

PEPRS – a preservation registry service

Once scholarly material has been archived, users need to be able to find it. A JISC-commissioned scoping study from Rightscom and Loughborough University confirmed that there is a need for easy access to reliable information on what is being archived, by whom, how and under what policies of access.

Piloting an E-journals Preservation Registry Service (PEPRS) is a JISC project, partnered by EDINA and the International Standard Serial Number (ISSN) International Centre, to scope, develop and test an online facility that will keep track of which e-journals are being kept safe by digital preservation agencies for future use.

A key feature of the PEPRS project is use of an e-journals register fed directly from the ISSN Register, with details of over 50,000 e-journals that have been assigned an ISSN.

PEPRS will run until July 2010.

• http://edina.ac.uk/projects/peprs_summary.html

Update on Ordnance Survey data for Digimap

Each year EDINA undertakes updates to a significant quantity of the data available through Digimap. This includes updates to most of the Ordnance Survey (OS) products and to some of the geology and marine data. This year, the update took place on 2 September. We also took the opportunity to update some of the internal workings of the service, which will improve robustness and resilience.

Of particular note is that Land-Line.Plus data is no longer available through Digimap's OS Collection. This data product has been withdrawn by OS and is no longer supported. If you require large-scale detailed data, please use the OS MasterMap Topography Layer, available through MasterMap Download. If you hold Land-Line.Plus data and wish to continue using it, you may do so under the current licence until 31 July 2009. As a quick reminder, you can keep up to date with any changes to Digimap by subscribing to the Digimap Blog's RSS feed:

- <http://edinadigimap.blogspot.com>

The dates of all the OS data currently available can be found on our website:

- <http://edina.ac.uk/digimap/description/products/revisionpolicy.shtml>

Feedback wanted on Ordnance Survey licence agreement

Negotiations for the new Ordnance Survey licence agreement (August 2009 onwards) will begin very shortly. EDINA would like to hear from you about issues you would like to see addressed in the new licence, or additional datasets you would like included in the licence arrangement. Proven demand from service users carries far greater weight than EDINA's voice in effecting change to both licence agreements and in the acquisition of additional data.

We need to hear from you! Please email edina@ed.ac.uk with your ideas as soon as possible.

ShareGeo repository to join Digimap

Work has begun on a project to integrate a geospatial data repository into the Digimap Collections suite of services. The repository will build on the work done in the GRADE (Geospatial Repository for Academic Deposit and Extraction) project which developed a demonstrator repository built using DSpace.

The ShareGeo repository will be accessible to all registered Digimap users and will provide a facility for the sharing and re-use of both research generated and derived geospatial data. Further details can be found on the project website:

- <http://edina.ac.uk/projects/sharegeo>

New map production software for Digimap

The Digimap service has now been delivering digital mapping data to the academic community for nearly nine years. During this time the underlying Geographic Information Systems (GIS) platform which produces Digimap's high-quality mapping has remained unchanged. Now, with an ever-increasing user base, technological advances and changing user expectations, it is time for an upgrade.

After a thorough and competitive procurement process, EDINA has chosen the Cadcorp SIS and Cadcorp GeognoSIS family of GIS products to replace the existing GIS platform.

Cadcorp is a leading UK developer and supplier of digital mapping and GIS software, applications and services. David Medyckyj-Scott, Manager of the EDINA Research and Geo-data Services team said, "The Cadcorp software will give us the opportunity to improve and expand the services we offer to users within the Digimap service. We have over 37,000 active users so the impact of these changes for the better will be felt by many. We can also look to support new types of services such as Digimap for mobiles."

Alongside the continued operation of the existing service, EDINA has begun the re-engineering of Digimap's Ordnance Survey Collection to make use of the new Cadcorp software. The work will result in a service with better performance and scalability as well as new functionality, fit for a future where maps and geographic information become increasingly important on the Web and as information resources for teaching and learning.

EDINA aims to have the new infrastructure operational in time for the start of the 2009/2010 academic year. Phase 2, re-engineering the other Digimap Collections, will then commence.

agcensus offers KML data

The EDINA agcensus service is now delivering grid-square agricultural census data in OGC Keyhole Markup Language (KML) files.

KML is a standard XML-based format suitable for managing spatial data across a variety of mapping applications, such as open geobrowsers like Google Earth, Google Maps, Microsoft Virtual Earth etc.

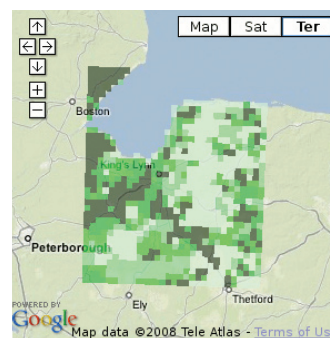
This facility is available through the mapping or visualisation utility (KML can

only be downloaded for one census variable at a time).

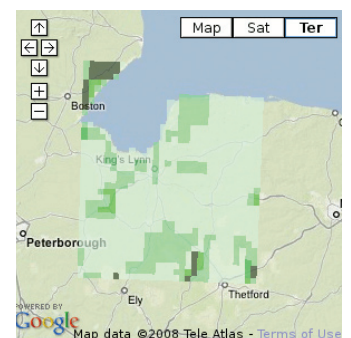
Data should not be published nor made available in a public web space, although screenshots of the visualisations are fine, as are derivations – i.e. new data products that are created using the agcensus and third-party data (as long as the agcensus data cannot be reverse-engineered).

EDINA agcensus terms and conditions apply.

- <http://edina.ac.uk/agcensus/kml/>



Variable: Bare Fallow
Year: 1969
Resolution: 2km grid square



Variable: Bare Fallow
Year: 2000
Resolution: 2km grid square

Examples of agcensus kml data in a Google Maps mashup.

SUNCAT news

SUNCAT, the national Serials Union Catalogue, has seen two recent enhancements to its interface.

Holdings list: A list of the libraries holding each title now displays on the results screen. This development enables users to see at a glance which libraries hold a title, helping them to identify and filter records of interest more quickly. The full record display continues to contain more detailed location and holdings information.

Open URL linking: To aid SUNCAT users' journey from the discovery of relevant journals to the delivery of full-text articles, a "Find a Copy" button has been introduced to the full record display.

The button leads users to their local OpenURL resolver and hence to options for full-text access, depending on their entitlement, or to alternatives such as Inter-Library loan services at their local institution.

Users searching SUNCAT within their institution's IP range should automatically be presented with the institution's own resolver button, e.g. SFX. To benefit from this functionality, librarians need to register their resolver with the OpenURL Router at the address below.

<http://openurl.ac.uk/doc/librarians.html>

Expansion to MARC downloading

SUNCAT has recently released a second parallel downloading service to complement the initial pilot service introduced last year.

Contributing Libraries can continue to access the CONSER-only records with their existing connection and configuration, but may now replace this, or add a second connection to the new service, which contains both CONSER and ISSN records and will gradually expand to include Contributing Libraries' MARC records.

The CONSER-only database will be maintained to provide libraries with quick and easy access to these high-quality records, with the second service providing a more comprehensive coverage of records.

CONSER is the cooperative online serials cataloguing programme coordinated by the US Library of Congress. There are over one million high-quality CONSER records on SUNCAT, with particularly strong coverage of current science, technology and medicine (STM) titles.

Each ISSN assigned to a serial publication is registered in the ISSN Register and, with over one million ISSN numbers assigned, this database is one of the most comprehensive and authoritative sources for the identification of serial publications world-wide.

The facility is only available to SUNCAT Contributing Libraries. The username and password, required to set up the connection, are the same as those used for the pilot service: these have already been sent to the primary SUNCAT contact in each Contributing Library.

If you need a reminder of your username/password, experience any problems setting up or using the service or have comments about the service please contact the EDINA helpdesk at edina@ed.ac.uk.

There is no charge for these services, Contributing Libraries can simply visit <http://www.suncat.ac.uk/support/z-target-auth.shtml> for details on how to set up the Z39.50 connection and start downloading records.

• <http://www.suncat.ac.uk>

West Midlands schools access EIG

Some 750,000 staff and students in the schools belonging to WMnet (the West Midlands Regional Broadband Consortium) will have access to Education Image Gallery (EIG) from 1 October 2008.

WMnet has subscribed to EIG as part of the pilot JISC Collections for Schools initiative, launched in April 2008 and funded by Becta.

In addition to EIG, JISC Collections for Schools allows schools, Local Education Authorities and Regional Broadband Consortia to subscribe to a selection of 11 other JISC Collections resources, including Grove Music Online, the Oxford Dictionary of National Biography and the Science Resource Centre.

- JISC Collection for Schools: <http://www.jcs.nen.gov.uk>
- EIG: <http://edina.ac.uk/eig>
- WMnet: <http://www.wmnet.org.uk>
- Becta: <http://www.becta.org.uk>

Index to *The Times* and Inspec discontinued

Two long-running EDINA services came to the end of their respective agreement periods at the end of August 2008. Neither Inspec nor Index to *The Times* will be renewed and have been withdrawn as EDINA services. Subscribing sites were given notice several months ago.

Inspec, which was offered in conjunction with Ovid, is now available directly from them as part of a third successive, five-year CHEST agreement.

Index to *The Times* has no direct replacement service, but JISC Collections continue to offer the Times Digital Archive which covers the same period 1785-1985 and includes full text of content as well.

New discovery project for EDINA and Mimas

Discovery to Delivery at EDINA and Mimas is a collaborative project between the two JISC National Data Centres to improve the quality of the user experience for UK researchers and students in their attempts to search for and access academic content.

For service users, direct access to scholarly content will be much simpler, aided by a consistency in approach to authentication and presentation of licensing restrictions across the services. The first steps aim to integrate Shibboleth into the Copac and Zetoc services.

The project will also investigate the development of personalisation and aggregation tools. Initially, the project team will investigate how Shibboleth authentication might be a mechanism for delivering lightweight adaptive personalisation of services (e.g. localised views on content).

Mimas and EDINA will also consult with personalisation project teams, within JISC and beyond, to determine the best practice approach to data-sharing in a Web 2.0 context.

For aggregation, Mimas will be working with colleagues at EDINA to scope a "Scholarly Communications Portal". This work will investigate user requirements for a single point of access to a range of JISC bibliographic services.

Colleagues at both data centres will examine issues such as integration into existing environments (e.g. institutional library websites, other portals) as well as the requirements for personalisation and Web 2.0 features.

Further details are available on the EDINA and JISC project websites:

- Project summary: http://edina.ac.uk/projects/d2d_summary.html
- JISC project summary: <http://www.jisc.ac.uk/whatwedo/programmes/resourcediscovery/d2dateandm.aspx>

A look back at the move from Athens

On 1 August 2008, the majority of EDINA services stopped using Athens as a mode of authentication. The changeover was largely successful, and most institutions (especially those who considered the issues in good time) made a smooth transition.

In March of this year, JISC stated that JISC services should not have any reason to continue to operate Athens interfaces beyond the end of July 2008. EDINA, as a JISC-funded service provider, made an early decision to comply with this requirement, and informed its user organisations, universities and colleges across the UK accordingly.

Now that the 1 August deadline has passed, how did it all go?

Organisations were strongly advised that they should join the UK federation, and over 550 members have heeded this advice.

The other main decision that universities and colleges have had to make was whether to deploy their own Identity Provider (IdP) software or outsource to a third party. For this first year, many chose to outsource to Eduserv Open-Athens as that enabled them to continue to gain access, from within the UK federation, to services which were accessible only via Athens, as well as to Shibboleth-accessible services. At the time of writing, more than half of the 380 IdPs in the UK federation are OpenAthens IdPs.

The switch-over to the UK federation has meant that many local service presentation and local support arrangements have changed for the end-users, the researchers and students who use our services. The EDINA helpdesk will continue to give support and advice on access management questions for as long as necessary.

Edinburgh Repository Fringe 2008

The inaugural JISC-funded Repository Fringe event was held at the Playfair Library, University of Edinburgh on 31 July/1 August 2008.

The seeds of an idea regarding a 'fringe' event were sown at the Open Repositories 2008 by noted enthusiasts with a view to fostering coordination, co-operation and cross-pollination within the community working on the fringes of the repository world.

Over 80 delegates attended the event, which consisted of two plenary speakers, short "Soapbox" parallel sessions, "Group Improv" sessions (aimed at audience participation), and "An Audience with..." presentations.

Dorothea Salo's (University of Wisconsin) keynote speech provided a controversial overview of why institutional repositories are dead and need to be resuscitated, claiming that idealism isn't enough – it's time to rethink the initial assumptions.

EDINA's "Soapbox" and poster contributions included: Guy McGarva and George Hamilton's "Geospatially enabling a DSpace repository – examples from ShareGeo and DataShare"; Fred Howell (textensor Ltd) with Ian Stuart and Theo Andrew: "Using PublicationsList.org as a researcher-friendly front end for repository submission – a collaboration with The Depot using SWORD"; Ian Stuart: "The how and why of Repository Junction"; Robin Rice: "DISC-UK DataShare project – opening the doors to data: minding the gaps".

Stuart Macdonald presented "Mashups and open data utilities in Web 2.0" as part of the "An Audience with..." sessions for DISC-UK DataShare.

The closing Plenary by David De Roure (Southampton) highlighted how the successes and failures of the GRID can be translated to the Open Access Repositories and how Web 2.0 can be utilized to address some of the shortcomings.

Positive feedback on the event has been encouraging, and planning has already begun for Repository Fringe 2009.

• <http://www.repositoryfringe.org/>

Forthcoming Events

Conferencies

Internet Librarian International 2008

16–17 October 2008, Novotel London West
<http://www.internet-librarian.com/index.php>

First RLUK Conference: The Power of Knowledge

22–24 October, University of Leeds
<http://www.rluk.ac.uk/node/497>

Online Information 2008

2–4 December 2008, Olympia, London
<http://www.online-information.co.uk/index.html>

Training Courses

EDINA Multimedia Services Training

16 October 2008, City Learning Centre, Beaumont Leys School, Leicester

EDINA Digimap Training – OS MasterMap for users

19 November 2008, University of Edinburgh

EDINA Digimap Training – Digimap Collections

20–22 January 2009, Newcastle University, Newcastle-upon-Tyne

EDINA Digimap Training – OS MasterMap for users

25 February 2009, Open University, Milton Keynes

EDINA Digimap Training – Digimap Collections

31 March – 2 April 2009
University of Leeds

EDINA Digimap Training – OS MasterMap for users

22 April 2009
University of York

See the latest events and training information at:

• <http://edina.ac.uk/events/>



The Repository Fringe 2008 kicks off in the University of Edinburgh's Playfair Library.