Digital Research Repository and CRIS integration
12th November 2009
EUROCRIS, St Andrews

Janet Aucock
Repository Manager
• The existing integrated Research system and repository
• New implementation of CRIS
• How do the new CRIS and the repository interact
• Impact on the repository service
Digital Research Repository

- chose a DSpace solution and joined the SDLC
- Service began in early 2007. Emphasis on theses

Digital Research Repository content in 2009

- Research theses 400+
- Special collections digitised material
- Local journals eg Inferno
- Published research outputs fed in from the Research Expertise database
<table>
<thead>
<tr>
<th>Issue Date</th>
<th>Title</th>
<th>Author(s)</th>
<th>Type</th>
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<tbody>
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<td>2008</td>
<td>Crime fiction and the publishing market</td>
<td>Wallis-Martin, Julia</td>
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<td>7-Sep-1990</td>
<td>D.H. Lawrence and narrative design</td>
<td>Elliott, John</td>
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<td>Jun-2007</td>
<td>'A far green country': an analysis of the presentation of nature in works of early mythopoetic fantasy fiction</td>
<td>Langworth, Mark J.</td>
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<td>Immediate passage: the narrative of Joel H. Brown, with a critical essay on form and style in the sea voyage narrative</td>
<td>King, Richard Jay</td>
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<td>Infernal imagery in Anglo-Saxon charters</td>
<td>Hofmann, Petra</td>
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<td>2007</td>
<td>Journey towards the (m)other- myth, origins and the daughter's desires in the fiction of Angela Carter</td>
<td>Jennings, Hope</td>
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<td>K 'N' T and the accompanying critical analysis of creative process</td>
<td>Galliant, Deborah Anderson</td>
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<td>2005</td>
<td>Knight or Wight in Keats's 'La Belle Dame'? : An Ancient Ditty Reconsidered</td>
<td>Jones, Chris</td>
<td>Journal Article</td>
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<td>2009</td>
<td>The many selves of Simic: an interdisciplinary approach to the poetry of Charles Simic: Tannic acid sweetheart : poems</td>
<td>McBee, Donovan</td>
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<td>Not drowning but waving : the American Junior Year abroad</td>
<td>Kannehm, Katrina A.</td>
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<td>2001</td>
<td>&quot;One a Bird Bore Off&quot;: Anglo-Saxon and the elegiac in The Cantos'</td>
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Aims and objectives (from a Poster contributed to Open Repositories in Southampton in 2008)

- To develop the Research Expertise Database and the Digital Research Repository in parallel.
- To establish good communication and practice in centralised and coordinated development of both databases.
- To embed the deposit, storage and dissemination of research profile data and publications into centralised workflows and engender academic support for this by demonstrating benefits.
- To embed the deposit of research profile data and publications into the day to day routines of academic staff and to promote this as part of routine scholarly communication.
- To reuse data and to avoid duplication of data input at every stage of the process, while still maintaining high metadata standards.
- To explore the repurposing of data at every stage of the process.
- To provide efficiency in University processes while still adhering to the principles of Open Access.
Key dates

• **October 2005**  Launch of Research Expertise Database as central publications database and CRIS (Current Research Information System) for the University. Software written in house. Primary role in RAE data gathering.

• **December 2006**  Digital Research Repository launched for electronic theses. Thesis deposit for doctoral theses is mandated by the institution.

• **May 2007**  Research Expertise Database to Digital Research Repository integration demonstrated at the the euroCRIS members meeting in Stockholm/Helsinki

• **March 2008-**  New version of Research Expertise Database launched with batch import facilities for Web of Science and Bibtex format metadata

• **March/April 2008-**  Pilot live service launched. Initial testing

• **Spring/Summer 2008**  Fully operational

• **Spring/Summer 2009**  Decision to replace inhouse system with vendor system. Procurement process and decision to purchase PURE

• **September 2009-**  Implementation phase
Process

- **Researcher is offered the opportunity to supply the full text** of the research article, conference paper, book chapter.
- **The user interface in Research Expertise was customised** to gather extra metadata required for the Digital Research Repository ie Deposit licence, version information, abstract, user supplied keywords.
- **Interface offered journal look up service to SHERPA ROMEO**
- **Automatic transfer of:** Default metadata for published and peer reviewed status. Depositor name and email contact details. Depositor’s School and Dept. affiliations which map the deposit into the appropriate DSpace collection. Additional mapping to Research Centre collections. Full text plus the metadata by custom XML to DC mapping. Transactions handled in real time by **web services**
- **Deposits entered Workflow 2 of the DSpace submission workflow.**
- **Repository staff check metadata quality and publisher copyright restrictions**
- **Material committed to live Repository** and is available for Open Access.
- **Handles for full text reported back** to Research Expertise Database and stored permanently in research publications and profiles.
- **Reuse of Research Expertise and Digital Research Repository data in School web pages** to provide publication lists and research profiles.
Published

2007; Chris Jones; "The Reception of William Morris's 'Beowulf'; Writing the Image: Reading William Morris; David Latham (ed); University of Toronto Press; 197-208 Upload to DRR Edit Delete

2006; Chris Jones; "Strange Likeness: The Use of Old English in Twentieth-century Poetry"; Oxford University Press, Oxford, UK; 266

2005; Chris Jones; "Knight or Wight in Keats's 'La Bella Dame'?: An Ancient Ditty Reconsidered"; Keats-Shelley Review; 19:39-49; Full text in DRR; More info

2003; Chris Jones; "Edwin Morgan"; British Writers: Supplement IX; Scribner's Upload to DRR Edit Delete

2003; Chris Jones, Anya Clayworth; "Michael Ondaatje"; World Writers in English, vol. 2; Scribner's Upload to DRR Edit Delete

2002; Chris Jones; ""One can amend a mutilated text": Auden's The Orators and the Old English Exeter Book"; TEKT: An Interdisciplinary Annual of Textual Studies; 15:251-275; Full text in DRR; More info

2002; Chris Jones; "W. H. Auden and The "Barbaric" Poetry of the North": Unchaining one's Daimon"; Review of English Studies; 53(210):157-165; Full text via DOI; More info Upload to DRR

2001; Chris Jones; "One a bird bore off: Anglo-Saxon and the elegiac in 'The Cantos'"; Paterwms; 30(3):91-98; Full text in DRR; More info Edit Delete
Title: Knight or Wight in Keats's 'La Belle Dame'? : An Ancient Ditty Reconsidered
Authors: Jones, Chris
Keywords: Keats
La Belle Dame sans Merci
poem poetry
text
textual
version
medieval
medieval
medievalist
medievalist
knight
wight

Issue Date: 2005
Citation: Keats-Shelley Review 19: 39-49 January 2005
Abstract: This article re-examines the various processes of textual transmission for Keats's 'La Belle Dame sans Merci', which have resulted in two 'competing' texts of the poem. It argues that a medieval model of textual production offers a strategy for dealing with this circumstance, and that, approached in this way, there is no need to resolve the textual 'problem' that the poem poses.

Version: Postprint
URI: http://hdl.handle.net/10023/645
ISSN: 0952-4442
Type: Journal Article
Publication Status: Published
Status: Peer reviewed
Appears in Collections: English Research

Files in This Item:

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This item is protected by original copyright
• In Research Expertise we have functionality to send publications metadata and full text to the Digital Research Repository

• Retained and built on this functionality for the new PURE RIS system
PURE integration with DSpace

- PURE offers all the metadata input we require to feed into the repository
- Add value by adding a generic subject classification scheme to publications
- Passes through a licence
- Workflow done in PURE and not DSpace, includes the quality control for metadata and the copyright checking for Open Access
- LNI (not webservices as before)
- Transfer to collections based on the institutional structure
- Ability to have a dark archive of publications in PURE and our Open Access archive in the repository.
- Time embargoed publications will be kept hidden in PURE until they can be released OA into the Repository
- Handles will be returned to PURE and be available in the PURE portal
• Want to get much more full text associated with our publications. Up until now publications only a small proportion of our DRR content.

• Does a CRIS mean that you will necessarily get more full text?
Why integrate? Why full text?

• REF and future research evaluation
• Showcasing of research
• Visibility of St Andrews research outside and within the institution, increase impact
• Content is accessible, searchable and visible through standard search engines eg Google and Google Scholar
• Open access full text, overcomes subscription barriers
• Users see the publication details and they expect the full text too, either files or stable links
Why integrate? Why full text?

- Advantages of reuse of data, especially metadata and accurate data for repurposing
- Metadata reuse releases academic time to deposit more publications and to focus on the scholarly communication process.
- One stop shop for St Andrews academics
- Metadata reuse releases Repository staff time to process the deposits
- Sourcing and reuse of initial metadata from bibliographic databases
- Full text availability/link helps with admin checking of publications

What will really drive this forward this time

- Combine all these factors together and the environment is very promising for this to happen
Drivers
• Funders and research council mandates
• Comply with funder mandates
• Obligation to make publications Open Access
• JULIET service
• Might be providing a full text file, might be a link to the article in PubMed
• Associate grants and funders with publications in CRIS
• CRIS gives us the infrastructure to put a compliance policy into practice
Drivers

• Scottish scene. Institutional mandates
• Needs of research pooling
• Trend to implement CRIS systems
• Inclusion of postgraduate profiles in the CRIS
• Collaboration with another institution Aberdeen, setting up a new repository, impetus of new ideas
Do you need a repository and a CRIS?

- Repository puts much emphasis on full text.
- Repository puts much more emphasis on discovery and on reuse.
- Repository may be the place where you have content which may not be suitable for the CRIS and for research assessment but it is still valuable material eg theses, undergraduate fieldwork and research reports.
- Allows you to have a more flexible content policy.
- Context of other material gives an even wider picture of institutional research.
Do you need a repository and a CRIS?

- Repository is your archive which will comply with digital preservation
- Provision of stats on the views and downloads of full text, demonstrating use and impact
- Supporting other full text services which are repository based eg subject repositories, Intute repository search, DRIVER, IRIScotland cross search of Scottish repositories
- Add on services such as the new MERIT project
### Downloads by Item

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<td>532</td>
<td>10023/338</td>
<td>Optical micromanipulation using ultrashort pulsed laser sources</td>
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**Avano** offers access to 207599 electronic resources about the marine and aquatic sciences (aquaculture and fisheries for instance, but also geosciences, biology, ecology...).

These resources available in Avano come from the OAI harvesting of 265 Open Archives and 2 commercial editors [How does it work?].

This project is part of the Open Access international movement, which aims at making scientific documentation accessible to a broad public through free publishing on the Web.
Avano
a marine and aquatic sciences OAI harvester

All fields: all conditions at least one condition
Author: rendell
Title: 
Archive name: andrews

Limit: Text Video Image Dataset Audio Others Date range: Earliest to 2009

Ref. 1 to 1/1
Sort by: Date Hit

1. Coda vocalizations recorded in breeding areas are almost entirely produced by mature female sperm whales (Physeter macrocephalus)

... University of St Andrews Digital Research Repository. Whitehead, H., Rendell, L. Copyright...


[OAI Record] [View original at University of St Andrews Digital Research Repository]
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<td>- Knight of Wight in Keats' La Bella Dame?: An Ancient Ditty Reconsidered (65.97%) Source: DSpace at St Andrews University</td>
<td>Author(s): Jones, Chris</td>
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<td>- Accumulation layer profiles at InAs polar surfaces (63.42%) Source: Warwick Research Archives Project Repository</td>
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<td>- Innovation in main management (52.79%) Source: University College London Exhibits</td>
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<td>Recently selected:</td>
<td>Status: Not known/Not applicable</td>
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<td>- Knight of Wight in Keats' La Bella Dame?: An Ancient Ditty Reconsidered</td>
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<td>Summary: Knight of Wight in Keats' La Bella Dame?: An Ancient Ditty Reconsidered. Knight of Wight in Keats' La Bella Dame?: An Ancient Ditty Reconsidered. This article re-examines the various processes of textual transmission for Keats' La Bella Dame</td>
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International competition and strategic response in the Dundee jute industry during the inter-war (1919-1939) and post-war (1945-1960s) period: the case of jute industries, Buist Spinning, Craiks and Scott & Fyfe

Author: Masrani, Swapnesh
Source: University of St Andrews Digital Research Repository
Date: 2008
Abstract: This research uses the 'demand-side thesis' to examine the decline of the Dundee jute industry. In particular, it examines the effect of international competition and the strategic response of the industry during the inter-war (1919-1939) and the post-war (1945-1960s) period to counter this challenge. The strategic response is studied by examining strategies employed at the firm and the industry level. Strategy at the firm level is studied in the form of capability development using the capabilities approach. The thesis also makes an attempt to redress the issue of determinism in the capabilities approach which suggests that the pattern of capability development is governed by path-dependency. By drawing on the techniques employed in the ...
URL: http://hdl.handle.net/10023/415
Merit

Merit (Making Excellent Research Influential and Transferable) is a challenging new JISC Collections initiative. Merit will be a service, its main objective is to make available to any user free of charge a selection of the best research outputs from UK universities. The outputs will mainly take the form of high-quality peer-reviewed articles that have appeared in a wide range of scholarly journals, but will also include book chapters, conference papers, and multimedia. All disciplines will be included. It will act as an effective showcase for UK research, both in the UK and around the world.

Read more about Merit

Aims

Merit's aims are:

- To provide access to the best UK research for HEIs, schools and colleges, government, business and industry, the third sector and individual citizens
- To create a partnership between everyone involved in the scholarly publishing process
- To offer a guide to the best UK research and researchers, to assist raising their profiles and providing users with a route to identify them
- To make the service visible through Google and other standard internet search engines

All aspects of the service will be free to the user. Our aim is to make this possible through a partnership between JISC Collections, publishers and authors and institutions. The project team is currently discussing publishers' involvement with individual firms and with industry bodies and investigating how to supplement published content with information from institutional and subject repositories.
• Trusted and accurate data
• Enriched data
• Data really is flowing through systems
• Full text too
• Truly interlinked and reused
• CRIS and repository may still be distinct entities and services at the moment, but starting to merge and grow closer together
• Integration of services maybe no bad thing and it will continue