The UK FAIR Programme: OAI in context

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Joint Information Systems Committee

- Funded by UK Higher and Further Education funding councils
  - all post-16 education in the UK
- Serving >600 UK institutions
- Areas of responsibility
  - SuperJANET academic network
  - Data centres and advisory services
  - Development activity
  - Promote and disseminate best practice on the use of ICT
- http://www.jisc.ac.uk
The FAIR Programme

• Focus on Access to Institutional Resources
• £2 million investment
• August 2002 – October 2005
• 14 projects
• FAIR Advisory Board (FAB!)
  – Community representation
• http://www.jisc.ac.uk/programme_fair.html
The FAIR Projects

- The 14 projects are split into 3 clusters
  - e-print and e-theses (eFAIR – 8 projects)
  - Museums and Images (4 projects)
  - Institutional Portals (2 projects)
- Projects are lasting from 1 year to 3 years
- Cover all post-16 education (university and college)
- Involve >40 institutions across the UK
FAIR Objectives

- Investigate the deposit and disclosure of institutional assets
- Increase understanding of processes
  - Technical
  - Organisational
  - Cultural
- Contribute towards mechanisms and supporting services to allow the submission and sharing of content
- Inspired by the vision of the Open Archives Initiative
OAI in Context

- **FAIR**
  - OAI and e-prints/e-theses
  - OAI and museums
  - OAI and preservation
  - OAI and IPR

- **Other JISC work**
  - Pixus Image Portal
  - Working with publishers
  - Common Information Environment
e-prints

• Repositories are being created
  – Nottingham – SHERPA
  – Glasgow - DAEDALUS
  – Southampton - TARDiS
  – Also Durham, St Andrews, Open University and many other trials

• Software choice
  – eprints.org
  – DSpace
  – Mixture of use and content
e-prints: SHERPA
e-theses: SHERPA

Nottingham eTheses
An electronic archive of selected research degree theses from the University of Nottingham

View theses: Browse the archive by School/Department or Year.
Quick search: [Search]
Deposit theses: Read our how to deposit guide.

Copyright
All University of Nottingham theses are protected by copyright. Reproduction or distribution in any format is prohibited without written permission of the copyright holder.

Further information
This is a pilot project supported by the Graduate School and Information Services. More information about the project is available here.

This service only includes some University of Nottingham theses. To search all University of Nottingham theses search the Library Online Catalogue and then filter your results to find only University of Nottingham theses.
pre-prints: DAEDALUS
post-prints: DAEDALUS
e-theses: DAEDALUS
e-prints: metadata collection

- Different materials
  - research outputs
  - learning materials (HaIRST)
- Different purposes
  - Access, CV creation, grant submission (TARDis)
- Quality
  - Mediated archiving
  - Standardised guidelines (ePrints UK)
Institutional repositories

- Repository for e-prints
- Repository for e-theses
- Repository for learning materials
- Repository for ??
- What is an ‘institutional’ repository
- Access across these
  - Institutional level
  - Regional/Consortium level
  - National
e-prints: service provision

• ePrints UK is developmental service provider for UK archives
  – current list is at http://eprints-uk.rdn.ac.uk/stats/

• Seeking to enhance harvested metadata using web services
  – subject classification
  – name authority
  – citation analysis

• All FAIR archives harvested by OAInster
e-prints: IPR

• RoMEO
  – Surveys of authors, publishers, OAI data providers, OAI service providers
  – Work has led to OAI-rights working group
    • Aims to specify mechanisms for rights expression within OAI-PMH
  – Publisher self-archive policy database
    • Which publishers allow what level of self-archiving
    • Will shortly be available via SHERPA website as searchable database

• Need to clarify what can be shared
e-theses

- University of Edinburgh working with partners (Theses Alive!)
  - Demonstrate OAI for UK theses
- Robert Gordon University (Electronic Theses)
  - Working closely with British Library on disclosure models for e-theses
  - Combination of OAI and central access
  - Combination of access and archiving
  - Learning from NDLTD experience
Preservation

- OAI does not address long-term preservation
- Arts & Humanities Data Service receives ‘traditional’ deposits and provides access to these
- Hybrid Archives model seeks to build a bridge between such traditional deposit and deposit for harvesting
  - Deposit for preservation and access
Museums

• OAI can facilitate sharing of collections
• DC metadata a challenge!
  – subject access
  – need to know your audience
• Developing exemplar OAI service providers
  – Archaeology Data Service
Pixus and publishers

- Image portal demonstrator
  - Provides searching across many different image collections
  - Z39.50 and OAI
  - Seamless access across technologies
  - http://pixus.scran.ac.uk

- Publisher use of OAI
  - Inderscience repository of bibliographic information
  - http://www.jisc.ac.uk/project_oairepository.html
Common Information Environment

- Many UK public bodies produce content
  - education, museums, public library, health service, e-science, archives
- CIE seeks to provide access to this content
  - Interoperability
  - Avoid duplication
- OAI a key technology to achieve this
- http://www.jisc.ac.uk/wg_cie_home.html
Government Inquiry

- Science & Technology Committee Inquiry into Scientific Publications – March 2004
- Submissions from JISC, SCONUL/CURL and individual institutions etc, plus publishers
- Investigating current pricing and availability of academic journals
- Will also consider alternative models, incl. institutional repositories
Conclusions

• First 18 months of FAIR has seen many issues emerge
• Issues around the use of OAI proving more challenging than OAI itself
• External influences are helping, e.g., scholarly communication is generating a great deal of discussion
  – FAIR is supporting these in turn
• OAI relevant in many contexts
Thank you

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