Sustainability Panel: DSpace at the University of Edinburgh (Life after CRIS)

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Institutional Repositories at University of Edinburgh: a history

Two Jisc funded projects 2002-2004 led to the creation of the Edinburgh Research Archive (ERA) using DSpace open source software. The first submission was 21st October 2003.
ERA is a digital repository of original research produced at The University of Edinburgh. The archive contains documents written by, or affiliated with, academic authors, or units, based at Edinburgh that have sufficient quality to be collected and preserved by the Library, but which are not controlled by commercial publishers. Holdings include full-text digital doctoral theses, masters dissertations, project reports, briefing papers and out-of-print materials.

Information on current research activity including staff, projects and publications is available via the Edinburgh Research Explorer.

Communities in DSpace

Select a community to browse its collections.

AHRC Research Centre for Studies in IP and Technology Law
Biological Sciences, School of
Business School
Centre for Research on Families and Relationships
Centre for Speech Technology Research
Chemistry, School of
Divinity, School of

https://www.era.lib.ed.ac.uk/ in 2016 running DSpace 4.2 with Mirage2 UI
Pure CRIS

- Pure was introduced at the University of Edinburgh in August 2011
- REF return and connection to core systems, e.g. finance, users
- Pure is NOT connected to Dspace
- Pure now contains 110,000+ publications, 74,000+ are full-text
Chapter (peer-reviewed)

"Architecture", Criminal Justice, and Control
Research output: Chapter in Book/Report/Conference proceeding › Chapter (peer-reviewed)

"Aux pieds de l'Éternel je viens m'humilier": Racine et la Bible
Research output: Chapter in Book/Report/Conference proceeding › Chapter (peer-reviewed)

"Diverse in race, religion and nationality ... but united in aspirations of civil progress": Anarchism in Egypt before the First World War
Research output: Chapter in Book/Report/Conference proceeding › Chapter (peer-reviewed)

"Give Us Back Diego Garcia": Unity and Division among Activists in the Indian Ocean
Why keep ERA?

- Mandated theses submissions
- Non REF submit-able material
- Google Indexing & Google Scholar
- Number of visitors over 1,500,000 (Jan-Jun 2016)
- Harvesting
  - OAI-PMH
  - Primo Index
ERA’s continued growth

Items added to ERA per year

- 2003: 0
- 2004: 100
- 2005: 200
- 2006: 400
- 2007: 600
- 2008: 800
- 2009: 1200
- 2010: 1600
- 2011: 2000
- 2012: 2400
- 2013: 2800
- 2014: 3200
- 2015: 3600
- 2016: 4000
Digitisation

Continued growth of ERA due to digitisation of historical theses

1. 250 New College theses (catalogued 2012, digitised 2015)
2. 5000 science and engineering theses (2015)
3. 25,000 theses (2016-2018)
   - From 1900 to the present day
   - Hand-written and typed (typed theses are OCR-ed)
   - First 80 uploaded into ERA last week
   - Mixture of in-house and out-sourced digitisation

2. [http://libraryblogs.is.ed.ac.uk/blog/2015/11/05/1000-science-and-engineering-phd-theses-added-to-era/](http://libraryblogs.is.ed.ac.uk/blog/2015/11/05/1000-science-and-engineering-phd-theses-added-to-era/)
What is a repository?

Metadata and Files

Files are (optional)

At its most basic definition
Repositories therefore have lots of uses, not just publications
Diversification of content

• Art Collection
• Musical Instrument Museum
• Exam Papers
• Exhibitions
• Calendars
• Project sites
Architecture

Image Kim Shepherd, University of Auckland
Repository as a Service

• Easy to import content
• Configuration of front-end metadata
• Set-up of customised user interface
• Quick turn-around
• Collaboration with collection curators

https://journals.tdl.org/jodi/index.php/jodi/article/view/5872
Digital Preservation: ArchivesSpace, Archivematica and DSpace Integration

Image from Bentley Historical Library, University of Michigan
https://drive.google.com/file/d/0B0cEQmi4CGibdkdaTFpTWnMwcTA/view, more on their project at http://archival-integration.blogspot.co.uk/
Conclusion

Sustainability has been achieved through:

– Reuse of infrastructure
– Reuse of software
– Diversification of content
– New integrations (reducing risk)