An Introduction to e-journals and their Preservation

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Overview

- Introduction (the basics)

- Progress made since c.2007

- Forthcoming Tech Watch report "Preservation, Trust and Continuing Access for e-Journals"

Introduction

Some Definitions

Continuing (or Perpetual) Access

- is most commonly associated with e-journal licence clauses designed to provide assurance of continued access to subscribed material in certain circumstances, including post-cancellation…

Long-term preservation

- refers to the processes and procedures required to ensure content remains accessible well into the future…

  In other words, continuing or perpetual access is an attempt to replicate the situation with paper journals where a library receives, makes available and preserves the material for ongoing reference, regardless of whether or not the subscription is continued. Long term preservation, on the other hand, can be viewed as an issue, not just for the subscribing library, but for society as a whole, ensuring that the scholarly record continues to be accessible to future generations.

(after Morrow et al 2008)

e- journals

- Most commonly cited reasons for moving to e- only:
  - convenience (24/ 7 access)
  - potential space savings
  - improved access to a greater number of titles
  - increasing needs and expectations of users
- However:
  - Different business model (licensing access)
  - Concerns over long-term access/preservation

Emerging Solutions?

Addressing digital preservation:

- CLOCKSS
- UK legal deposit and copyright libraries
- KB e-depot

Addressing continuing access and digital preservation :

- [Publisher platforms]
- Portico
- LOCKSS

Library Concerns?

- Content coverage (is content I'm interested in included?)

- Access (what will I gain access to? when? under what conditions?)

- Solution viability (will these efforts last?)

- Library responsibilities (what will this cost in terms of time, expertise, funding?)

- Technical approach (will this really preserve the material?)

Progress since c.2007

E- Journal Preservation Studies

- 2006 ARL/CLIR study E-Journal Archiving Metes and Bounds: A Survey of the Landscape (Kenney 2006)

- 2003/4 JISC e-journal archiving study by Maggie Jones (Jones 2004)

- e-journal Archiving Solutions (Morrow 2008

- Pecan 2010,Beagrie 2011……

Recommendations for libraries (Kenny 2006)

- Press publishers to enter archiving relationships
- Share information about what they are doing and how they are making decisions
- Join at least one initiative
- Press existing programs to meet their needs
- Develop a registry of archived publications
- Lobby programs to participate in networks for information sharing, best practices, etc.

Substantial progress on all of the above in UK

Recommendations for publishers (Kenny 2006)

- Enter into relationships with one or more e-journal archiving programs

- Provide adequate information and data to archivers

- Extend liberal archiving rights in their licensing agreements

Substantial progress on all the above – (although adequate and liberal are relative terms!)

Recommendations for e- journal archiving programs (Kenny 2006)

- Present evidence of minimal level of services for long-term, well managed collections (open to audit, certified)

- Be overt and explicit about what is archived

- Assure appropriate property rights

- Negotiate with regard to eventual placement in the public domain

- Form a network of mutual support and interdependence

Good progress in UK–Keepers Registry completes?

Recommendations for JISC (various 2004-2011)

2011 summary of the recommendations in various past JISC reports and subsequent actions

- 26 recommendations identified – nearly all addressed by JISC actions subsequently

- Some leftovers touching on trust – not all implementable at this time?….

Recommendations for JISC (various 2004-2011)

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Past Recommendation	Source	Action?
Maintain watching brief on progress in certification of archives and promote this....	Jones 2007	?
Archiving service providers and publishers should work together to develop standard cross-industry definitions of trigger events and protocols on the conditions for release of preserved content....	Morrow 2008	?
Archiving solutions must provide greater clarity on coverage details, including not only publishers and titles, but also the years and issues included in the archive.	Morrow 2008	?
Assess the needs of the UK HE community in order to specify what is required of archiving organisations, and to achieve consensus on criteria for one or more designated third party archiving organisations	Pecan 2010	?

DPC Tech Watch Report

"Preservation, Trust and Continuing Access for e-Journals"

1 of 5 in new series

Tech Watch Report

- Consultation on Outline (closes Friday 3rd Feb)

- Scope – "practical and emerging issues which organisations are facing in the area of preservation, trust and continuing access for e-journals and in addition generic lessons on issues of outsourcing and trust learnt in this field of interest to a wider community"

Issues

Concentrates on issues described below, but reference to current areas and gaps in policy development:

- Economic considerations – e.g. e-only, print rationalization.

- Publisher licensing.

- Role of consortia.

- Legal deposit (UK with reference to international).

- Open-access repositories.

- Outsourcing and collaboration.

Standards

The report will include description of specific technical standards that are relevant to preserving e-journals. Standards will include:

- PDF and PDF/A.

- XML and NLM DTD.

- Persistent identifiers (and services).

Services

The report will provide a concise overview of the main preservation and continuing access services for e-journals:

- LOCKSS.
- CLOCKSS.
- Portico.
- E-Depot.
- British Library and UK copyright libraries.
- Consortial hosting (e.g. JISC).
- Keepers Registry.

Use cases

- illustrate use cases for continuing access or preservation of e-journals and how different services provide for them:

- Library cancels subscription to journal.

- E-journal or past issue no longer available from publisher.

- Publisher ceases operation.

- Catastrophic failure of publisher's operations/servers.

Trust

One of the few areas of digital preservation where issues of outsourcing and trust in outsourced or collaborative provision have been addressed over a period of years. The report will consider lessons learnt that may be relevant to the wider digital preservation community including:

- Service levels for outsourcing/collaborative services (scope, scale, currency, consistency, access triggers).

- Lessons from repository certification.

Comments today or via email for 3rd Feb

Questions and Discussion later

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