Open Journal System: Preservation in LOCKSS

Adam Rusbridge
UK LOCKSS Alliance Coordinator
EDINA, University of Edinburgh

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University of Edinburgh
Continuing access concerns

- What happens if a publisher discontinues a journal?
- What happens if a publisher goes bust?

Without a print copy on a shelf, libraries must trust publishers to maintain and curate information over indefinite time periods

- Archiving of content is not a historical role for publishers
- Single host of content is a single point of failure

Concerns around business model of smaller publishers
- Project funding ends, key staff move on, IT equipment fails
http://pkp.sfu.ca/ojs-user-numbers
Archiving Models

- New DOAJ Seal of Approval requires Archiving / Preservation Arrangement
- Use the Keepers Registry (thekeeper.org) to learn about archiving services, and to review participation and coverage

- Legislative Mandate
  - e.g. UK legal deposit at the British Library
  - (http://www.bl.uk/catalogues/search/non-print_legal_deposit.html)

- Third party archives
  - e.g. CLOCKSS, Portico

- Library custodianship
  - e.g. Lots of Copies Keep Stuff Safe (LOCKSS)
Lots of Copies Keep Stuff Safe

- **LOCKSS = Electronic Library Shelf**
  - Libraries build independent local collections of journal content
  - Library controls local access, even when they can’t access publisher copy

- Preserves content as published

- Preserves integrity over time

- Avoids point of failure
  - Model on success of print collections: distribute content
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Vol 1, No 2 (2012)

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Consortial Managed Archive Service

Business Continuity (Disaster Recovery) for Open Access Content (UKRepNet)

- Transitioned from UKRepNet Service Strategy to Service Design phase
- Potential funding from UKRepNet Component Sustainability Fund
- Multiple Use Cases: Disaster Recovery, Discovery, Aggregation (Full Text Search)
Preservation of your content in LOCKSS

• If you’d like to be included in our sample set of UKRepNet titles, please contact us. Email edina@ed.ac.uk

• Enable LOCKSS in OJS configuration
  • Confirm that manifest pages are available

• Nominate title for preservation
  • Contact the EDINA helpdesk at edina@ed.ac.uk

• UKLA Support Service will develop ‘plugins’ that allows preservation of content

• Libraries will collect and preserve the title on their local LOCKSS box
  • In time, expect to preserve content in CMA service
Enable LOCKSS in OJS Administration

Journal Archiving

LOCKSS is an open source solution to archiving online journals. To ensure the preservation of your journal, follow the steps outlined in this section. OJS will even generate the email message to send to participating libraries.

Figure 4.20. Setup Step 2.6: Journal Archiving

2.6 Journal Archiving

Open Journal Systems supports the LOCKSS (Lots of Copies Keep Stuff Safe) system to ensure a secure and permanent archive for the journal. LOCKSS is open source software developed at Stanford University Library that enables libraries to preserve selected web journals by regularly polling registered journal websites for newly published content and archiving it. Each archive is continually validated against other library caches, and if content is found to be corrupted or lost, the other caches or the journal is used to restore it.

Setting up LOCKSS support for Open Journal Systems does not need to take place until after publishing is fully underway, at which point follow these two steps:

1. Identify 6-10 libraries that will register and cache the journal. For example, turn to institutions where editors or Board members work or institutions already participating in LOCKSS. See participating libraries. Use the prepared invitations for (i) libraries participating in LOCKSS or (ii) libraries not yet participating in LOCKSS.

2. Enable LOCKSS to store and distribute journal content at participating libraries via a LOCKSS Publisher Manifest page. A LOCKSS license will appear in About the Journal under Archiving:

This journal utilizes the LOCKSS system to create a distributed archiving system among participating libraries and permits those libraries to create permanent archives of the journal for purposes of preservation and restoration. More...

See other versions of a LOCKSS license.


http://pkp.sfu.ca/ojs/docs/userguide/2.3.1/journalManagementPages.html#journalManagementSetup2-6
ORBIT: WRITING AROUND PYNCHON

LOCKSS Publisher Manifest

Archive of Published Issues: 2012

- Vol. 1, No. 2 (2012)
- Vol. 1, No. 1 (2012)

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Pain Reviews (Hodder Arnold)

This journal has ceased publication and will be removed from IngentaConnect in October 2009. The content will be available via LOCKSS.

LOCKSS system has permission to collect, preserve, and serve this open access Archival Unit.

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Publisher: Hodder Arnold Journals

- LOCKSS negotiated Creative Commons Open Access License
  - OA content stays freely available
  - Anyone can re-publish content
  - Content can be moved from one archive to another without additional permission from publisher
Questions and Comments?

http://www.lockssalliance.ac.uk
a.rusbridge@ed.ac.uk
@EDINA_eJournals