STRATEGIES FOR EXPANDING eJOURNAL PRESERVATION

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Columbia University Libraries
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PORTICO

Dark Dark archive in which content is manually or automatically ingested from publishers and migrated from specific formats to the NLM archival standard file.

Library Fee: Annual fee based on total materials expenditure.
Publisher Fee: Annual fee based on annual journal revenue.
When allowed by publisher, libraries can fulfill post-cancellation access rights via Portico.

LOCKSS

Open-Source technology allows institutions to implement a local LOCKSS box to maintain a local collection of preserved digital content in its native format.

Library Fee: Annual participation fee in the LOCKSS Alliance based on institution size.
Publisher Fee: Free
Libraries maintain control of and custody of their collection, technical support from LOCKSS Alliance.

DIGITAL PRESERVATION

Supporting Library Fee: Annual fee based on total materials budget.
Publisher Fee: Annual fee based on total publishing revenues.
Supporting libraries do not participate in the selection, maintenance, and testing of archive; the fee supports the cost of long-term digital preservation. Content is freely available to everyone when triggered.

CLOCKSS

Using the LOCKSS technology, CLOCKSS geographically distributes a collective archive via 12 different research institution archive nodes.

Library Fee: Annual fee based on several factors, including but not limited to: number of volumes contributed in the public domain, in-copyright, of partners that already hold a volume, and infrastructure costs for preservation.
Publisher Fee: Do not participate. All content comes from partner library collections.
Materials in HathiTrust are made available to the public good to the extent permitted by law and contracts.

HATHI TRUST

Long-term preservation strategy for the digitized content of partner libraries with centralized access and full-text searching to partner content and collections.

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Discover who is looking after your e-journals

Search

Input a search term (e.g. free text, or a title or ISSN(s))

Display example searches

Glossary and definitions

The following organisations are the Keepers of digital content, working on your behalf to ensure long-term access to the scholarly and cultural record. They provide the registry with information on their archival holdings, ordered by most recent update (date of which is shown):

- **Library of Congress** (6 January 2015)
- **Archaeology Data Service** (5 January 2015)
- **British Library** (2 January 2015)
- **HathiTrust** (1 January 2015)
- **Scholars Portal** (1 January 2015)
- **Portico** (24 December 2014)
- **CLOCKSS Archive** (16 December 2014)
- **Global LOCKSS Network** (16 December 2014)
- **National Science Library, Chinese Academy of Sciences** (6 January 2014)
- **e-Depot** (24 April 2012)

The most up-to-date information may be available on the Keeper's website.
Goals: Perpetual Access vs. Preservation/Archival Access

- **Perpetual Access or Post-Cancellation Access:**
  
  Access to content from the years in which the library subscribed, regardless of current subscription status.

- **Preservation or Archival Access:**
  
  Guarantees that content is available for your library to exercise its perpetual access rights.

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Library’s Role
2CUL: Collaboration between Columbia University and Cornell University Libraries:

- Technical Services
- Collection Development
- Technology/Digital Preservation

“Develop and embrace comprehensive strategies: for ... digital preservation...”
Introduction

2011: 2CUL LOCKSS Assessment

How well is LOCKSS being deployed and does it fit into the preservation strategies of 2CUL’s libraries?

2012: Keepers Registry Analysis (Duke and 2CUL Holdings)
Introduction

LOCKSS and Portico combined preserve 11,883 titles, or 26.1%, of Cornell's 45,602 eJournal titles with an ISSN, eISSN, or both.

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<table>
<thead>
<tr>
<th>University library</th>
<th>% ‘Preserved’ by 1 or more</th>
<th>% ‘Preserved’ by 3 or more</th>
<th>% Not known as ‘Preserved’</th>
<th>Total having a valid ISSN</th>
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<tr>
<td>Columbia</td>
<td>26</td>
<td>12</td>
<td>74</td>
<td>58,882</td>
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<tr>
<td>Cornell</td>
<td>28</td>
<td>13</td>
<td>72</td>
<td>54,698</td>
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<tr>
<td>Duke</td>
<td>22</td>
<td>10</td>
<td>78</td>
<td>61,682</td>
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</table>

*a* When checked against preservation activity of The British Library, CLOCKSS, e-Depot (Netherlands), Global LOCKSS Network, HathiTrust, National Science Library of China and Portico, as reported into The Keepers Registry.

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**Table 1**


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Introduction

The Andrew W. Mellon Foundation: http://www.mellon.org/

International Higher Education and Strategic Projects

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Goals

1. What is not preserved?
2. Why is it not preserved?
3. How do we get it preserved?
Goal #1:
What is not preserved?
Goal #1: What NOT:
Exclusion Categories
Goal #1: What?

Major Publishers

Small Publishers

Society Publishers
Goal #1: What?
Goal #1: What?

Aggregated content – “Third Party Content”
Goal #1: What?

University generated content
Identifying eJournals NOT in a Preservation Agency

1. Deduplicate the Master List (from preservation agency) and color fill the remaining titles for easy identification.
2. Create a Title List from the Comparison Publisher.
3. Combine Master & Publisher Lists. Include: Title, pISSN, eISSN, originating list.
4. Look at each title remaining from the Publisher list to see if it is actually unique (this is where color coding is helpful). There may be duplicates where the titles listed are just slightly off from one another.
5. Deduplicate combined list by TITLE.
6. Double check the unique titles against the Master List. Is the title on the Master List?
   - If yes, how? Another publisher, slight title variation, different ISSN?
   - No. Look up the title in the Keepers Registry.

Continued on the next page
Identifying eJournals NOT in a Preservation Agency

Double Check the Keepers Registry to see if it is in fact preserved somewhere.

- Yes? Finished
- No?

Yes. Make note of where and what publisher is listed.

No. Check the publisher’s website for publication data.

- Is this a new title with a publication date of less than one year from the current date?
  - Yes. Assume this title will be preserved according to the publisher’s current preservation practices?
  - No. Check Ulrich’s for title information (online availability, transfer data, ceased, etc.)

After investigation, if title requires preservation add to list of non-preserved titles.

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Goal #2:
Why is it not preserved?
Goal #2: Why not?
Goal #2: Why not?

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Goal #2: Why not?

E-resource life cycle

Libraries

Acquire

Evaluate Monitor

Provide Access

Provide Support

Administer

License terms

Order

Pay

IP addresses

Register

Proxy servers

Catalogue

A-to-Z lists

Linkresolver

Holdings lists

User feedback

Usage stats

Downtime analysis

Review problems

Problem log

Hardware needs

Software needs

Contact info

Troubleshoot/triage

Trial use

Price

Evaluate

Register

Admin module information

Preferences (store)

URL Maintenance

View rights for use

Claiming

Access restrictions

Electronic Resources Lifecycle (Pesch, 2009); Accessed via NASIG Core Competencies for Electronic Resources Librarians:

http://www.nasig.org/site_page.cfm?pk_association_webpage_menu=310&pk_association_webpage=1225

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Goal #2: Why not?

All eJournals

eJournals in your Collection

Relevant for Preservation

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Examples

THE JOURNAL OF PHILOSOPHY
Breakdown

- Abstracts, Newsletters, Continuing Education (Not Preserved): 85%
- Recently Added to Portico: 11%
- Mysterious: 4%

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Open Access

Web Archiving

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https://archive.org/
https://www.archive-it.org/
Coal Combustion and Gasification Products is a unique peer-reviewed journal designed specifically to communicate coal ash research and emerging new technologies. CCGP is a joint venture between the University of Kentucky Center for Applied Energy Research (UK CAER) and the American Coal Ash Association (ACAA). The organizations’ primary goal is to bring together research that currently is published in disparate sources.

CCGP is an international on-line journal encompassing the science and technology of the production, sustainable utilization, and environmentally sound handling of the byproducts of coal combustion and gasification. This includes fly ash, bottom ash, boiler slag, gasification residue, and byproducts from coal-fuel blends, flue-gas desulfurization products, and related materials.

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**CCGP JOURNAL - VOLUME 7 (2015)**

- Recycling of Lignite Coal Fly Ash by its Conversion into Zeolites - Authors: Silviya Boycheva, Denitza Zgureva, Annie Shoumikova (pp1-8)

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**CCGP JOURNAL - VOLUME 6 (2014)**

- Experimental and Modelling Evaluation of Slagging Behaviour of German Lignite - Authors: Martin Kaiser, Alexander Ilyushechkin (pp1-6)

- Fly Ash as a Potential Scrubber of Acidic Wastes from the Phosphate Industries in Israel - Authors: Roy Nir Lieberman, Eli Lederman, Ithamar Pelly, Haim Cohen (pp7-15)

http://www.coalcpg-journal.org/
Aggregators

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Frequently Asked Questions:

1. Why would I want an external group to preserve my journal?

2. Will this make my journal open access?

3. How will preservation affect the number of current subscriptions to my journal?
Transfer Titles
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<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
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<td>Asian Journal of Comparative Law</td>
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<td>2153-3792</td>
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<td>2153-3792</td>
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<td>B.E. Journal of Economic Analysis &amp; Policy</td>
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<td>SarSel DB NERL ResearchNow List</td>
<td>Yes</td>
<td>No</td>
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</table>
Sept. 2011: Press release announces de Gruyter acquires bepress’s “67 journals”

2013: Four titles transfer to Wiley. Current volumes preserved

2013-2014: One title ceases, another becomes Open Access, two publish direct

2015: Three NASPA titles transfer to Taylor & Francis

March 2015: Former bepress content post-2011 with de Gruyter deposited with Portico

http://etas.jusp.mimas.ac.uk/

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Goal #3:
How do we get it preserved?
Goal #3: How?
License Negotiation

NERL Model License:
Authorized Uses: “Archival/Backup Copy. Licensor will provide Licensee with one (1) copy in a mutually-acceptable format (or grant permission to make one copy) of any Licensed Materials holdings that are sold to another publisher/provider or discontinued for any reason, to fulfill Licensee's rights under Section XI, "Perpetual License", of this Agreement.”

http://nerl.org/nerl-documents/nerl-model-license
Goal #3: How?
License Negotiation

LIBLICENSE Model License:
Authorized Uses: “Archival/Backup Copy. Licensor will provide Licensee with one (1) copy in a mutually-acceptable format (or grant permission to make one copy) of any Licensed Materials holdings that are sold to another publisher/provider or discontinued for any reason, to fulfill Licensee's rights under Section XI, "Perpetual License", of this Agreement.”

http://liblicense.crl.edu/licensing-information/model-license/
Goal #3: How?
License Negotiation

OCUL Model Licenses

The original OCUL model license was created in 2005. Our model licences are continually adapted and are provided for vendor reference.

- [OCUL Electronic Books License](http://www.ocul.on.ca/collections/licenses)
- [Local Archiving and Hosting Agreement](http://www.ocul.on.ca/collections/licenses)
- [OCUL Electronic Journals and Databases License](http://www.ocul.on.ca/collections/licenses)
Goal #3: How?

Renewals

1. Identify at risk titles with a Keepers Registry Holdings Analysis
2. Renegotiate license agreements to allow for preservation
3. Stress importance of preservation holdings information with subscription agents
Goal #3: How?
Transfer Titles

? What are the preservation policies for the current and new publishers?

? How can I influence the new publisher to participate in preservation initiatives?
Goal #3: How?

Funding
Goal #3: How?
Outreach

Make preservation a part of the conversation with:

- Publishers
- Vendors
- Consortia
- Institutional Repository Managers
- Faculty
Moving Forward: What’s Next

- Follow-up with publishers/agencies efforts to be more transparent
- Expand preservation initiatives to exclusion categories
- Explore the role of publishers and vendors in the preservation community
- More formally coordinate efforts to expand preservation
- Develop methods for publicly tracking internal preservation policies
- What is good enough?
Questions?

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Bibliography and References


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Bibliography and References


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