

## UK LOCKSS Alliance Briefing Report

August 2011

### Content Development

#### JISC Collections NESLi2-SMP Survey

In response to demand from members for increased publisher participation, JISC Collections offered to undertake negotiations with NESLi2-SMP and NESLi2 publishers on behalf of UK LOCKSS Alliance members to seek inclusion of their titles in LOCKSS.

In April 2011, a short survey was circulated to identify the publishers of interest to member institutions. The results are available as an appendix to this briefing paper, and this information is now being used by EDINA and JISC Collections to support the publisher negotiation process.

#### LOCKSS Content Testing

The LOCKSS team at Stanford has increased the number of staff available to work on content testing. This has accelerated the rate at which content is processed for preservation, so please continue to monitor release notifications for listings of content that has been made available for preservation.

### System Development

#### Transition to Linux

If your institution has not yet done so, all institutions running LOCKSS should transition from the OpenBSD platform to using LOCKSS on Linux as OpenBSD support is being phased out. It is important to ensure your LOCKSS box remains flexible and capable of handling the quantity of available archival material, which is currently around 2TB and is due to significantly increase over the coming year. As such we recommend a RAIDed configuration using four 2TB hard disks. Maintaining a healthy LOCKSS box is becoming more critical as new developments, including support for link resolvers and OpenURL queries, now allow it to be used as a target in your OPAC. Other benefits of upgrading include more dedicated support, and greater flexibility in managing your local LOCKSS installation. Guidance on the transition is available online from: [http://www.lockss.org/lockss/Installing\\_LOCKSS](http://www.lockss.org/lockss/Installing_LOCKSS)

We can provide support to help you through the transition process. As a first step, please consider hardware options for a Linux machine and then contact [edina@ed.ac.uk](mailto:edina@ed.ac.uk), describing how you intend to proceed.

#### Library Access to Archived Content using Link Resolvers

The LOCKSS team has completed the development work required to integrate LOCKSS with link resolver systems and is now working with link resolver vendors to provide target parsers for products used by UK members, and to perform testing. The latest version of Serials Solutions 360 Link includes the LOCKSS target parser and therefore OPACs using it can be configured to serve content from the LOCKSS box. Negotiation with Ex Libris has been ongoing – we are waiting for Ex Libris to include the LOCKSS target parser in SFX, after which testing can begin.

Integration of LOCKSS with link resolver systems such as SFX and 360 Link is an effective way for libraries to provide reliable access to the digital content that they own, even if they lose access to it through the publisher - either temporarily or through withdrawal of the publication or cancellation of the subscription. LOCKSS has been enhanced to:

1. Generate metadata on the titles preserved by LOCKSS in KBART format. Using this functionality, link resolver vendors can update their knowledge base to describe the titles available via LOCKSS, and libraries can generate holdings information on their own collections for use in other library systems.
2. Receive, interpret and respond to requests for archived content in terms of bibliographic data encoded in OpenURL format. This allows link resolvers to encode a user request as an OpenURL, and redirect the request to the local LOCKSS box.

A white paper describing the new functionality is available from:

[http://www.lockss.org/locksswiki/files/SFX\\_Integration\\_White\\_Paper.pdf](http://www.lockss.org/locksswiki/files/SFX_Integration_White_Paper.pdf)

When the functionality has been tested and released, we will release appropriate documentation and schedule a training webinar for UK LOCKSS Alliance members to support integration at UK institutions.

## Operational Development

### UK LOCKSS Alliance Website

The UK LOCKSS Alliance website was relaunched during February 2011 to improve the accessibility of current news and existing resources. Current members should find it easier to learn about the activities of the UK LOCKSS Alliance and see the benefits of participation. We're working on 'Quick Start' guides to help new members understand the activities needed to support and maintain a LOCKSS box.

### JISC e-Journal Archiving Implementation Group

JISC has established an e-Journal Archiving Implementation working group to run throughout 2011 with an aim to "determine the most effective national e-journal archiving infrastructure for the UK HE sector, and then to support JISC (and other organisations where appropriate) to make sure that the infrastructure can be put in place as fast as possible."

JISC describe the rationale for this working group as that while there "appears to be a consensus across UK HE (at all levels) that e-journal archiving services are both strategically sensible and increasingly robust and plausible as functioning services, there remains a gap in uptake between those universities that admit to being concerned about the long-term safety and integrity of e-journals, and the number that actually subscribe or rely on e-journal archiving services (e.g. LOCKSS, Portico, CLOCKSS, e-Depot etc.)."

Philip Adams, De Montfort University, is representing the UK LOCKSS Alliance on the JARVIG group. Peter Burnhill, Director of EDINA, attended the second of four meetings to describe the activity at EDINA (including UK LOCKSS Alliance, CLOCKSS, PEPRS and Pecan). The intention is to make sure that the activities, objectives and lessons learned by the UK LOCKSS Alliance are well understood and considered.

More information on JARVIG can be found online at:

<http://www.jisc.ac.uk/whatwedo/programmes/preservation/jarvig.aspx>

## UK LOCKSS Alliance Membership

Listed below is the set of institutions that have (thus far) renewed their agreement for the UK LOCKSS Alliance in 2011/12.

- De Montfort University
- King's College London
- London School of Economics
- Open University
- Royal Holloway, University of London
- University of Edinburgh
- University of Glasgow
- University of Hertfordshire
- University of Huddersfield
- University of Newcastle Upon Tyne
- University of Oxford
- University of Salford
- University of St Andrews
- University of Warwick
- University of York

## Private LOCKSS Networks and the MetaArchive

There is growing interest in the deployment of Private LOCKSS Networks in the UK to provide a preservation service for institutional content. Catherine Fleming, a member of staff at EDINA, will be working on this during the next reporting period. During June, staff at EDINA held a conference call with colleagues at the MetaArchive (<http://www.metaarchive.org/>) to understand their model and organizational structure. This will inform the work undertaken by Catherine, which will begin with a review of the PLN models in place more generally.

A meeting to bring together representatives from Private LOCKSS Networks is to be held in Vancouver during October. While staff at EDINA are not attending this year's event, we may participate via Skype in order to learn from other initiatives. Details are available from [http://plnwiki.lockss.org/wiki/index.php/PLN\\_Community\\_Meeting\\_2011](http://plnwiki.lockss.org/wiki/index.php/PLN_Community_Meeting_2011)

## Meetings and Events

### UK Serials Group Conference 2011

Colleagues at the London School of Economics hosted a breakout session at the UK Serials Group conference 2011 held between 4-6<sup>th</sup> April 2011, describing their experiences with LOCKSS and how it fits into their institutional activities.

The presentation described the LSE's participation to date, describing the value of LOCKSS to the LSE, the lessons learnt, and what remained on the institutional 'to-do' list. The session also covered implementation of the LOCKSS box, focusing on staffing implications and technical know-how for participating institutions, and a summary of how the LOCKSS box supported the LSE's e-journal collection policy.

### UK LOCKSS Alliance Members' Meeting, York, May 2011

A UK LOCKSS Alliance Members' Meeting was held on the 10th May 2011 at the National Railway Museum in York. The event provided members with an update of recent activities, a forum to share information between member institutions, and an opportunity to discuss activity for the period from now until 2013. A summary report to collect together the key points and queries discussed is now available at [http://www.lockssalliance.ac.uk/files/2010/12/UKLA\\_Members\\_Meeting\\_Report.pdf](http://www.lockssalliance.ac.uk/files/2010/12/UKLA_Members_Meeting_Report.pdf).

## Related Activities

### Launch of the PEPRS Beta Service

EDINA, a JISC-funded National Data Centre at the University of Edinburgh, and the ISSN International Centre have been working in partnership to develop PEPRS, the e-journals preservation registry service that helps you discover which e-journals are being archived and by what organisation.

The PEPRS Beta service is now available at <http://www.peprs.org/>

An international initiative, PEPRS is the product of JISC-funded project activity, and provides freely available means to discover which e-journals are being preserved by leading archival organisations – highlighting those e-journals for which no arrangement is on record.

To date, five archiving agencies have made metadata available to the PEPRS Beta service:

- British Library
- CLOCKSS Archive
- e-Depot at the Koninklijke Bibliotheek
- Global LOCKSS Network
- Portico

### PECAN Project

Phase one of the PECAN Project was jointly undertaken by EDINA and JISC Collections and identified a need to develop a shared service to record Higher Education institutions' archival access to journal titles. Central to supplying this need is an "Entitlement Registry" to provide an authoritative record of access entitlement, increasingly important when institutions cancel journal deals as a result of budget pressures and when society titles (and their backfiles) move from one publisher to another.

Funded at EDINA until September 2011, phase two of PECAN takes the first step towards developing a potential service for use by HEIs and publishers alike by implementing a prototype registry to store, manage and access the entitlement information. This will involve the collection of subscription data and the introduction of infrastructure in which it can be recorded.

The project is closely aligned with a separate and parallel strand of activity led by JISC Collections, focusing on the collection of data from publishers and the subsequent verification between publishers and subscribing institutions of the extent of entitlement and the rights granted.

More information on PECAN can be found online at:

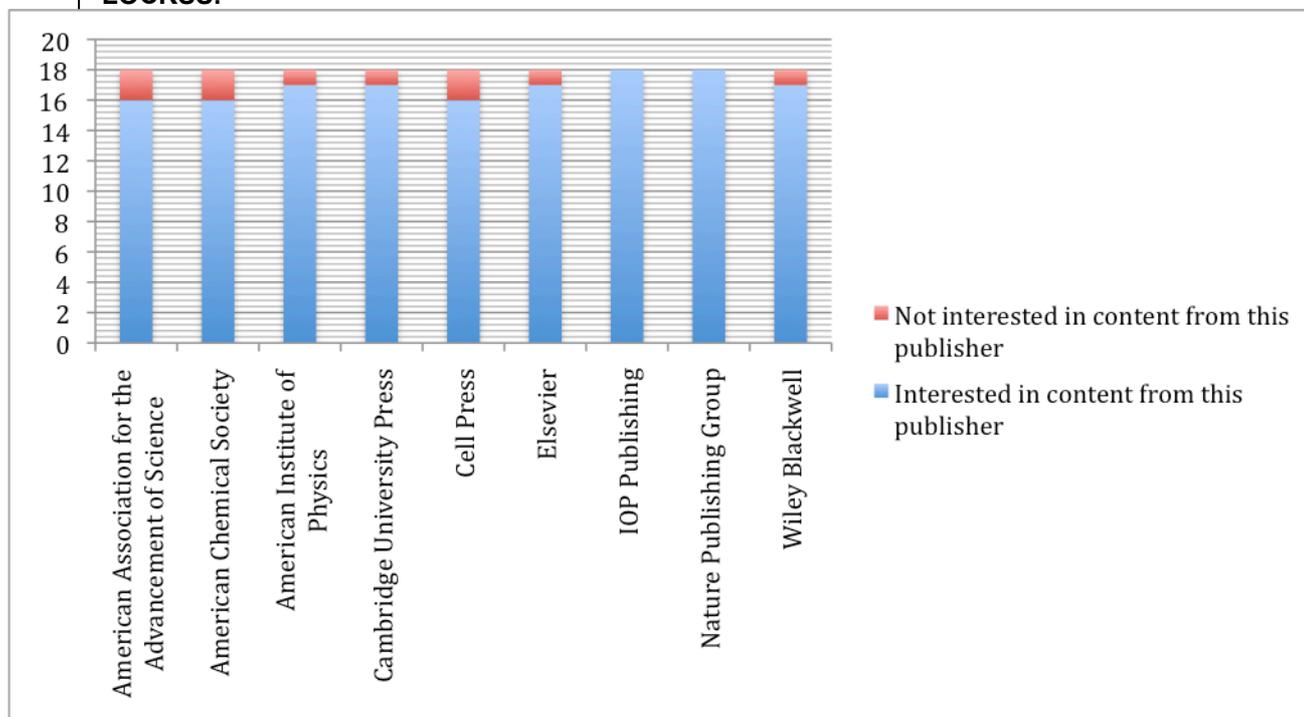
[http://edina.ac.uk/projects/pecan2\\_summary.html](http://edina.ac.uk/projects/pecan2_summary.html)

**Appendix 1: NESLi2 and NESLi2-SMP: Consultation with UK LOCKSS Alliance Members**

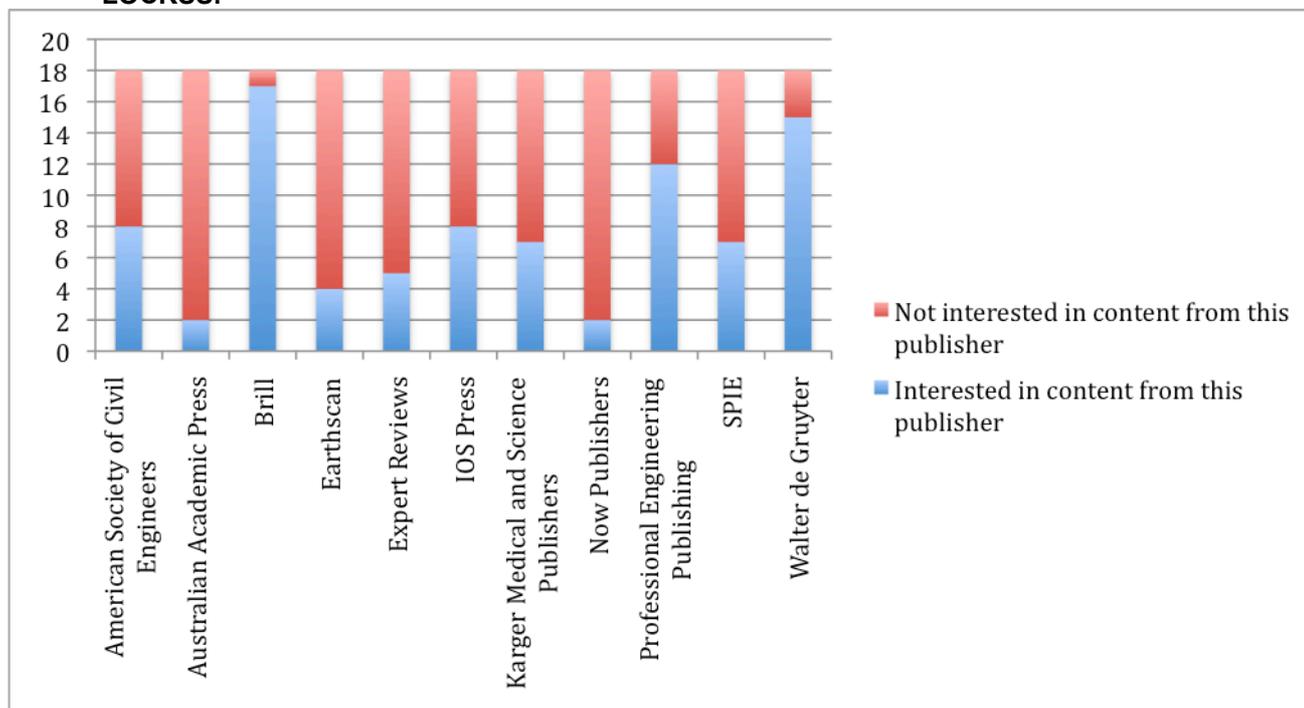
**Collected Survey Results: 14<sup>th</sup> April 2011**

There were 18 respondents to the survey.

**Q1. Please highlight the NESLi2 publishers your institution would like to see participate in LOCKSS.**



**Q2. Please highlight the NESLi2-SMP publishers your institution would like to see participate in LOCKSS.**



**Q3. Please use this space to give further insight into your priorities and preferences. Publishers are more likely to respond to strong customer demand, so we would be grateful for specific examples of at-risk and priority titles, concerns, and benefits.**

1. It is highly desirable that NESLI try and negotiate terms whereby all holdings included in a 'standard' subscription, or deal (usually from 1997 to current year) are made available to the LOCKSS alliance. Often publishers will only release a single issue for a title which does not match the coverage of a subscription.
2. I would like to see the SMP Publishers selected given greater priority over the bigger publishers - by their nature their content is the most vulnerable.
3. AIP are our biggest priority because of their lack of perpetual access within the big deal. Also, the big publishers - Elsevier / Wiley-Blackwell are very important. All important additions though!
4. All publishers highlighted are ones we have subscriptions with. If you need to further prioritise, I would suggest you concentrate on smaller publishers not already signed up to Portico.
5. Digital preservation has a key role in guaranteeing that a move to electronic only provision will not undermine future teaching and research activities in the University.
6. In 1 and 2 above, I've ticked publishers mainly where we have NESLI2/SHEDL deals, or considerable content. On 1, all publishers are of interest, but perhaps one like NPG might be of most interest, given its perverse archiving policies (for that very reason may be more reluctant to participate...). The other SMP publishers are of some interest, but lower priority. Professional Engineering Publishers is now I think part of SAGE.
7. Elsevier/Cell Press, Wiley, Cambridge UP and Nature would be our top priorities, although Nature's current license provisions on post-cancellation access may make LOCKSS participation tricky.
8. Smaller publishers that are not on large aggregate platforms and may not have archiving facilities. Back files of all subs
9. CUP/Elsevier/Wiley Blackwell are key publishers for King's, so are keen to have their content in LOCKSS.
10. All the publishers in Q1 are important, and we have subscriptions with all of them. It is difficult to prioritise this list for LOCKSS archiving, although Elsevier content would be high on the list
11. The publishers we have indicated an interest in are the ones we currently have subscriptions with. We would certainly be interested in the larger publishers (Elsevier, Wiley) joining LOCKSS, as this would enable us to ensure archival access to a large amount of content. However, as the smaller publishers may be more likely to be affected by the current economic climate it is also important for them to be in LOCKSS, in case something stops them from providing access to our subscribed content.
12. Would be particularly interested in Wiley Blackwell and Elsevier titles being added.
13. We intend use participation in LOCKSS as one criteria for the disposal of print stock, as we struggle with space. We have print content from the publishers selected, their participation would help us to manage our print collections.

**Q4. Please nominate titles of interest to be considered in future consultations (with reasoning).**

1. ACM (Association for Computing Machinery) IEEE American Medical Association
2. Seminars in Hearing: Thieme eJournals. There have been 35 requests for content from this journal recorded by our openurl resolver in the current academic year. If it were not there, we would clearly miss it.
3. Other small publishers with which we have SHEDL deals are Intellect and Berg. As you know, we also have a SHEDL deal with Portico, and encourage SHEDL publishers to sign up with Portico, but coverage by LOCKSS would also be helpful.
4. Too many to prioritise
5. Will send information later if specific titles come to mind