

UK LOCKSS Alliance Private LOCKSS Networks

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Private LOCKSS Networks

- LOCKSS is a technology for low-cost preservation
 - Public LOCKSS Network for general interest content
 - Private LOCKSS Network for special interest content
- Tailor the model for specific groups
 - Hardware requirement: SEVEN LOCKSS boxes.
 - Agreement between members to:
 - * Preserve content across institutions (license)
 - * Maintain necessary LOCKSS boxes (hardware)
 - * Participate in shared initiative (consortia agreement)
- Enable preservation with well defined costs
- What can we achieve in the UK?



Who could set up a Private LOCKSS Network?

- Any UK consortium
- However: Private LOCKSS Networks require a degree of coordination and cost
 - Identification of content of common interest
 - Agreement between parties
- Are there opportunities of interest?
 - Cross-institution special collections
 - Further Education institutions
 - Museums, Libraries and Archives
 - Government documents



PLN Requirements

- Community
 - Who might be involved?
- Collections
 - Range of uses
- Technology
 - There are costs for staff, hardware, and support
- Models
 - Model for running a PLN should be informed by community and content
 - Secure funding once PLN has been defined



Production Models

- MetaArchive
- COPPUL
- US Docs PLN



MetaArchive: Summary

- Distributed, multi-tier initiative to support practical preservation
 - Sustaining Members
 - * Development, maintenance of hardware and software
 - Preservation Members
 - * Ongoing activity of preserving digital content
 - Contributing Members
 - * Own and possess digital content and wish to preserve it
- Strong governance model
 - Activities separated into subcommittees
 - * Steering, Content, Preservation, Technical



MetaArchive: Benefits

- Members reassured of content recovery in event of loss
- Dedicated tools to report on collections
- Build on shared knowledge and experience
 - Collaborate with and/or learn from others
- Cost-effective, scalable preservation option
 - buy storage and preservation development services as needed
- Guidance and support on infrastructure development
 - Recovery in event of failure
 - Shared expertise
 - Assistance with installation & maintenance
- Ability to influence development of MetaArchive
 - Influence varies with membership role



COPPUL Private LOCKSS Network

- The Council of Prairie and Pacific University Libraries (COPPUL)
 - 21 universities in Manitoba, Saskatchewan, Alberta and British Columbia.
- COPPUL PLN aims:
 - to preserve collections of local interest
 - that are not already being preserved through any other means
- Content of interest includes:
 - university press publications
 - open access journals
 - born digital government publications
 - other electronic journal collections that are at risk of being lost
- Guidelines to help identify appropriate candidate collections:
 - Of local interest and significance
 - At notable risk of being lost
 - Open to all members, or all members must subscribe
 - Content in large commercial packages should be excluded



US Government Documents Private LOCKSS Network

- USDocsPLN is the digital equivalent of the US Federal Depository Library Program (FDLP)
 - 15 libraries harvest and preserve content
 - First are Government Printing Office (GPO) documents
- Benefits of PLN:
 - Geographically distributed and replicated.
 - Citizens have oversight and responsibility
 - * for both long-term stability and maintenance of content
 - Any alteration of the content (either deliberate or accidental) will be detected and repaired.
 - Preservation of government documents in a tamper-evident environment is essential.

For discussion...

- If the UK is interested, what are next steps?
 - Who is interested?
 - What collections?
 - What size?
 - Where are the collections located?

