
CLOCKSS

A Collaborative, Contextual Approach to Digital Preservation

NISO Forum

Digital Preservation: Planning Today for Tomorrow's Resources

Adam Chesler

American Chemical Society

March 15, 2008

What's Required for Preservation?



- Technology
 - Partnership
 - Funding
 - Commitment
 - Content
-



http://www.americanheritage.com/articles/magazine/it/2001/2/2001_2_52.shtml
<http://www.monticello.org/gallery/innovations/polygraph.html>

What is CLOCKSS?



A community-governed partnership of publishers and libraries working to achieve a sustainable, globally-distributed archive and ensure reliable, long-term access to scholarly e-content.

CLOCKSS and LOCKSS



■ CLOCKSS

- Dark archive
- Publishers actively working with libraries
- Post-trigger event access is universal
- Strives to be not revenue-dependent via endowment
- Governing board represents all parties

■ LOCKSS

- Light archive
 - Libraries set up independently
 - Post-cancellation/trigger event access is local-only
 - Self-sustaining
 - Membership organization with Library and Publisher Advisory Boards
-

What Makes CLOCKSS Tick?



- Shared vision of, and commitment to, the preservation of digital content for scholarly community
 - Collaboration of publishers and libraries working together to mitigate the risks associated with e-content
 - Leverages proven LOCKSS technology to minimize costs
-

Who Makes CLOCKSS Tick?



- Libraries (Archive Nodes)
 - *Indiana University*
 - *NY Public Library*
 - *OCCLC*
 - *Rice University*
 - *Stanford University*
 - *University of Edinburgh*
 - *University of Virginia*
 - Gateways (Content Hosts)
 - *Stanford University*
 - *University of Edinburgh*
 - Publishers
 - *American Chemical Society*
 - *American Medical Association*
 - *American Physiological Society*
 - *Elsevier*
 - *IOP Publishing*
 - *Nature*
 - *Oxford University Press*
 - *SAGE Publications*
 - *Springer*
 - *Taylor & Francis*
 - *Wiley-Blackwell*
-

Content and Context



- What should be preserved?
 - Does format matter as much as content?
 - How is content be preserved?
 - Distributed and dynamic vs centralized and static
 - Who is preservation for?
 - Librarians?
 - Publishers?
 - Scholars?
-

CLOCKSS Funding



- Current
 - NDIIPP grant
 - Member contributions
 - Future
 - Supporter/stakeholder contributions
 - Endowment
 - Goal is to keep fees low
-

Some Links



- <http://www.clockss.org>
 - http://www.clockss.org/clockss/CLOCKSS_Works
 - http://www.clockss.org/clockss/Twelve_Compelling_Reasons_to_Choose_CLOCKSS
 - http://www.clockss.org/clocksswiki/files/CLOCKSS_Letter_of_Intent.pdf
 - <http://blog.dshr.org>
 - <http://www.digitalpreservation.gov/>
 - <http://www.library.yale.edu/~license/ListArchives/0603/msg00005.html>
 - <https://arl.org/lists/sparc-oaforum/Message/4196.html>
 - <http://edina.ac.uk/cgi-bin/news.cgi?filename=clockss.txt>
 - <http://www.loc.gov/loc/lcib/06078/ndiipp.html>
 - www.portico.org
-

Contact Information



Vicky Reich
Director, CLOCKSS Program

Stanford University Libraries
Palo Alto, CA 94304

Telephone: (650) 725-1134
E-Mail: vreich@stanford.edu

Adam Chesler
Assistant Director, Library
Relations & Customer
Service

American Chemical Society
Washington, DC 20036

Telephone: (202) 872-6183
E-Mail: a_chesler@acs.org
