



THE AUSTRALIAN NATIONAL UNIVERSITY

## CLOCKSS

Controlled LOCKSS (Lots of Copies Keep Stuff Safe)

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# The Challenge

## Scholarly digital resources

- largely accessed from and under control of content providers
- no longer served from or curated within institutional libraries

Risk that access could be severed at any time – natural disaster, corporate failure, etc.

Need to provide mechanism to ensure continued access to such resources over time

## Two Quotations

... for there is always an easy solution to every human problem – neat, plausible, and wrong

H.L. Mencken, *The Divine Afflatus* (1920)

There is no archive without a place of consignation, without a technique of repetition, and without a certain exteriority. No archive without outside.

Jacques Derrida, *Archive Fever* (1995)

# LOCKSS

## Lots of Copies Keep Stuff Safe

An approach which replicates traditional physical collection management model at institutional level

- enables libraries to build collection of copies of digital resources for preservation purposes
- resources collected limited to materials to which library subscribes or has access

Access to local LOCKSS archive opened when content not available from publisher

Project established in 1998, LOCKSS system in production April 2004

Technology supports open-source, peer-to-peer, decentralised preservation infrastructure

At present

187 libraries with registered LOCKSS boxes

- United States 108
- United Kingdom 33
- Australia 1
- New Zealand 1

165 participating publishers

# CLOCKSS

## The Mission

Ensuring access to published scholarly content over time;  
a community-governed partnership of publishers and  
libraries working to achieve a sustainable and globally  
distributed archive

CLOCKSS (Controlled LOCKSS) in effect a 'private LOCKSS network'

Established initially, in 2006, as small partnership of libraries and publishers

Partnership being widened and project scheduled to become operational in early 2008

## Founding libraries

Indiana University

New York Public Library

OCLC

Rice University

Stanford University

University of Virginia

University of Edinburgh

## Founding Publishers

American Chemical Society

American Medical Association

American Physiological Society

Elsevier

Institute of Physics

Nature Publishing Group

Oxford University Press

SAGE Publications

Springer

Taylor and Francis

Wiley-Blackwell

At present being established as registered non-profit corporation under 501c3 provision of US Internal Revenue Code, with permanent representative Board and complete set of governance rules

Intention to raise capital fund to pay for most, if not all, ongoing expenses and thereby become self-sustaining

Membership fees designed to build initial fund which will be supplemented by grants from foundations

## Annual fees (US\$)

Host libraries (no more than 15)

\$15,000

## Supporting libraries

### Library materials budget

\$25-30m	\$15,000
\$20-25m	\$12,000
\$15-20m	\$9,000
\$13-15m	\$7,800
\$11-13m	\$6,600
\$9-11m	\$5,400
\$7-9m	\$4,200
\$5-7m	\$3,000
\$4-5m	\$2,400
\$3-4m	\$1,800
\$2-3m	\$1,200
\$1-2m	\$600
\$0.75-1m	\$450

## Supporting publishers

### Total revenue

\$200+m	\$25,000
\$50-200m	\$15,000
\$10-50m	\$9,000
\$5-10m	\$5,000
\$1-5m	\$2,500
\$ -1m	\$1,000

Back file ingest: free

Front file ingest: \$0.25 per article

Fee capped at \$75,000 p.a.

## CLOCKSS and LOCKSS as complementary systems

### LOCKSS

- local
- subscribed content only held by libraries
- content preserved for own community
- access provided to local community when not available from publisher

### CLOCKSS

- comprehensive
- subscribed and unsubscribed content held by host libraries
- content preserved for everyone
- access provided to all after trigger event as determined by CLOCKSS Board

# Why choose CLOCKSS?

Some reflections

Thank you

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