





## What's the difference between LOCKSS and CLOCKSS?

		
<b>Archive Type</b>	<b>Light</b> – 100% perpetual access	<b>Dark</b> – until triggered
<b>Benefits</b>	<p>Libraries:</p> <ul style="list-style-type: none"> <li>• can easily build and preserve local digital collections</li> <li>• own rather than lease electronic content</li> <li>• provide uninterrupted, seamless access to authorized content</li> <li>• de-couple perpetual payment from perpetual access</li> </ul>	<p>Libraries work side-by-side with publishers to:</p> <ul style="list-style-type: none"> <li>• govern the CLOCKSS organization</li> <li>• manage the archive</li> <li>• set policy and influence standards</li> <li>• preserve important scholarly content</li> <li>• decide when that content can be made freely available to all</li> </ul>
<b>Technology</b>	A LOCKSS box is a standard PC that runs free, open source LOCKSS software. No technical expertise required.	The CLOCKSS archive runs on LOCKSS technology.
<b>Preservation Approach</b>	Content is continually audited for bit-level damage and repaired by LOCKSS software. Format migration "on-the-fly" preserves the historical context and vastly reduces the cost of preservation.	Content is continually audited for bit-level damage and repaired by LOCKSS software. Format migration "on-the-fly" preserves the historical context and vastly reduces the cost of preservation.
<b>Collection Scope</b>	LOCKSS libraries are building local collections as part of an international digital preservation network. They collect and preserve in their LOCKSS boxes all genres and formats of web-based content to which they subscribe and open access titles that meet their collection criteria such as e-journals, e-books, web sites, electronic theses and dissertations, imaged collections, and government documents.	CLOCKSS archive nodes collect and preserve scholarly web-based publications including materials to which they do <b>and</b> do not have a subscription.
<b>Sustainability</b>	LOCKSS was self-sustaining in 2007 and is on target to be in 2008, as well.	CLOCKSS' operational costs are low. The CLOCKSS Board aims to raise an endowment to cover the bulk of these expenses over the next five years. CLOCKSS sustainability will not wholly depend on revenue; important digital scholarly content will not be endangered during hard economic times.

		
<b>Custody</b>	LOCKSS libraries have custody of and are preserving content on behalf of their community. There are over 200 LOCKSS boxes around the world.	CLOCKSS archive nodes have custody and are preserving content on behalf of <b>everyone</b> . Today there are seven CLOCKSS nodes and this number will grow to no more than 15.  Supporting libraries have a governing, not simply custodial, role.
<b>Access</b>	LOCKSS library members have transparent access to content preserved in their institution's LOCKSS box. When subscription content is not available from the publisher's site, libraries can access their stored copy. LOCKSS also ensures post-cancellation access to preserved materials.	Materials held in CLOCKSS archive nodes may be made available only when no publisher has current responsibility for, nor is providing electronic access to, selected content. When this happens, and the Board votes to trigger their release from the archive, the impacted materials will be made available to all for <i>free</i> .
<b>Coverage</b>	Over 200 publishers have granted the LOCKSS system permission to preserve their content. See <a href="http://www.lockss.org/lockss/Publishers_and_Titles">www.lockss.org/lockss/Publishers_and_Titles</a> for the complete list of participating publishers.	Publishers in the Pilot Program include: <ul style="list-style-type: none"> <li>• American Chemical Society</li> <li>• American Medical Association</li> <li>• American Physiological Society</li> <li>• Elsevier</li> <li>• IOP Publishing</li> <li>• Nature Publishing Group</li> <li>• Oxford University Press</li> <li>• SAGE Publications</li> <li>• Springer</li> <li>• Taylor and Francis</li> <li>• Wiley-Blackwell</li> </ul>
<b>Governance</b>	LOCKSS is a library membership organization with a Library Board and a Publisher Advisory Board.	The CLOCKSS Board (comprised of publishers and librarians) meets twice a month.
<b>Fees</b>	\$1,080 – 10,800 annually	\$450 - 15,000 annually
<b>Awards</b>	ACM 2004 Computer Science Research Award	ALA ALCTS 2007 Outstanding Collaboration Citation