

*Creating a Nation of Learners*



## The Next Generation of Digital Libraries

National Academies , Washington, DC, January 29, 2009

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# Challenges for the Online Knowledge Universe

- **Develop sustainable repositories - find the right economies of scale**
- **Enhance discovery and develop tools to support advanced research as well as re-use within and across repositories**
- **Build the content landscape**
- **Address copyright barriers**

# Sustainable Repositories

## California Digital Library (2002)

**Model preservation repository based on the Open Archival Information System (OAIS) reference model**

<http://www.cdlib.org/>



# Sustainable Repositories

## Florida Center for Library Automation (2002, 2008)

**2002:** Dark Archives in the Sunshine State (DAITSS), a working preservation repository with free software

**2008:** Testing R2R transfers with Cornell University and New York University

<http://www.fcla.edu/digitalArchive/daInfo.htm>



Florida Center for Library Automation-Digital Archive



Florida Digital Archive

contact us : sitemap :

AFFILIATES

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FCLA  
Florida Center  
For Library Automation

mission : menu :

The mission of the Florida Digital Archive is to provide a cost-effective, long-term preservation repository for digital materials in support of teaching and learning, scholarship, and research in the state of Florida.

In support of this mission, the Florida Digital Archive guarantees that all files deposited by agreement with its affiliates remain available, unaltered, and readable from media. For those materials designated to receive full preservation treatment, the Florida Digital Archive will maintain a usable version using the best format migration tools available.

- Digital Archive Information
- Publications and Presentations
- Software and Documentation
- Other Good Resources
- IMLS Grant Information
- News

The Florida Digital Archive is based on DAITSS, a preservation repository management application, which when completed will be released as Open Source Software.

(c) Copyright 2003, Florida Center for Library Automation

<http://www.fcla.edu/digitalArchive/index.html> [4/3/2007 11:55:58 AM]

# Sustainable Repositories

## Alabama Commission on Higher Education (2006)

State-based networked repository based on the LOCKSS model for preserving digital content created by academic institutions, state agencies and cultural heritage organizations



[http://www.lockss.org/lockss/Alabama\\_Digital\\_Preservation\\_Network](http://www.lockss.org/lockss/Alabama_Digital_Preservation_Network)



THE ALABAMA DIGITAL PRESERVATION NETWORK  
PRESERVING ALABAMA'S DIGITAL RESOURCES



# Sustainable Repositories

**University of Denver (2004)**

**Collaborative Digitization Program**



**2004 project developed a shared statewide infrastructure for audio resources, including centralized streaming services and storage of audio files for institutions lacking archiving and storage capacity**

**<http://www.bcr.org/cdp/projects/soundmodel/index.html>**

# Sustainable Repositories

**Rutgers University (2003)**  
**William Patterson University (2007)**



**One-stop shop for New Jersey history and culture from the collections of libraries, archives, museums and historical societies;  
statewide repository for digital video**



**<http://www.njdigitalhighway.org/index.php>**

# Sustainable Repositories



**Johns Hopkins  
University  
National Virtual  
Observatory  
(2006)**

**Partnership with  
University of  
Edinburgh, JISC, CURL**

<http://www.virtualobservatory.org/>

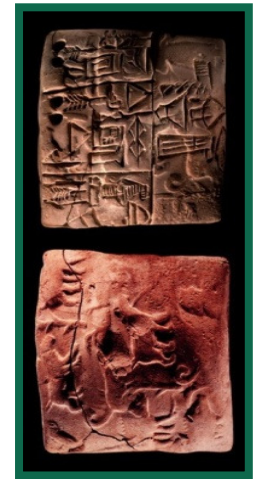


# Sustainable Repositories



**UCLA (2007)**

**Ingestion of the NSF-funded  
Cuneiform Digital Library into  
UCLA's Digital Library Content  
System**



<http://cdli.ucla.edu/>



# Sustainable Repositories



## Massachusetts Institute of Technology CAD Preservation (2006)

### Research: Frank Gehry Architectural Documents

# Tools - Data Curation Research

## Purdue University (2006)

### Distributed Data Curation Center

[Partnership with UIUC]

Case studies of researcher data/metadata workflow, curation profiles across disciplines, system requirements for managing data in repositories

<http://d2c2.lib.purdue.edu/>



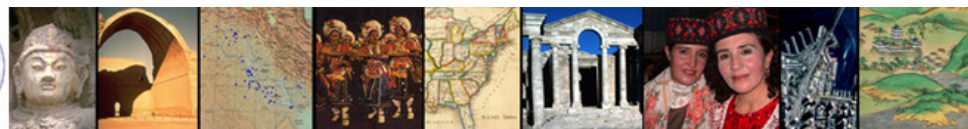
# Tools for Discovery

**University of California, Berkeley  
(2002, 2004, 2006)**

## **Electronic Cultural Atlas Initiative**

**Linking reference resource data to online content to  
address Who? What? When? and Where? in relation to  
collections**

**<http://www.ecai.org/>**



Electronic Cultural Atlas Initiative



# Addressing Copyright Barriers



**University of Michigan (2008)**

## Copyright Review Management System

**A collaborative resource for determining the copyright status of books published in the US between 1923 & 1963**

# Challenges

- **Develop sustainable repositories - find the right economies of scale**
- **Enhance discovery and tools to support advanced research and re-use within and across repositories**
- **Build the content landscape**
- **Address copyright barriers, and...**
- **Educate professionals to do this work**



# Building Communities

## Education for Digital Stewardship: Librarians, Archivists or Curators?

Joint Conference on  
Digital Libraries Post-  
Conference Workshop

June 20, 2008, Pittsburgh, PA

<http://www.ils.unc.edu/jcdl2008/>



# Building Communities

## International Digital Curation Conference

### Post-Conference Educators' Workshop

Edinburgh, UK  
December 4, 2008





# Building Communities



**DigCCurr 2009**

**Digital Curation Practice,  
Promise and  
Prospects**

**April 1-3, 2009  
Chapel Hill, NC**

<http://ils.unc.edu/digccurr2009/>