

Creating a Nation of Learners



INSTITUTE of
Museum and Library
SERVICES



Digital Stewardship

NARA Preservation Conference

April 30, 2007



A PUBLIC TRUST AT RISK:



THE HERITAGE HEALTH INDEX REPORT
ON THE STATE OF AMERICA'S COLLECTIONS

A Project of Heritage Preservation with the Institute of Museum and Library Services

U.S. libraries, archives and museums have accepted responsibility for preserving a total of 4.8 billion items

The Problem

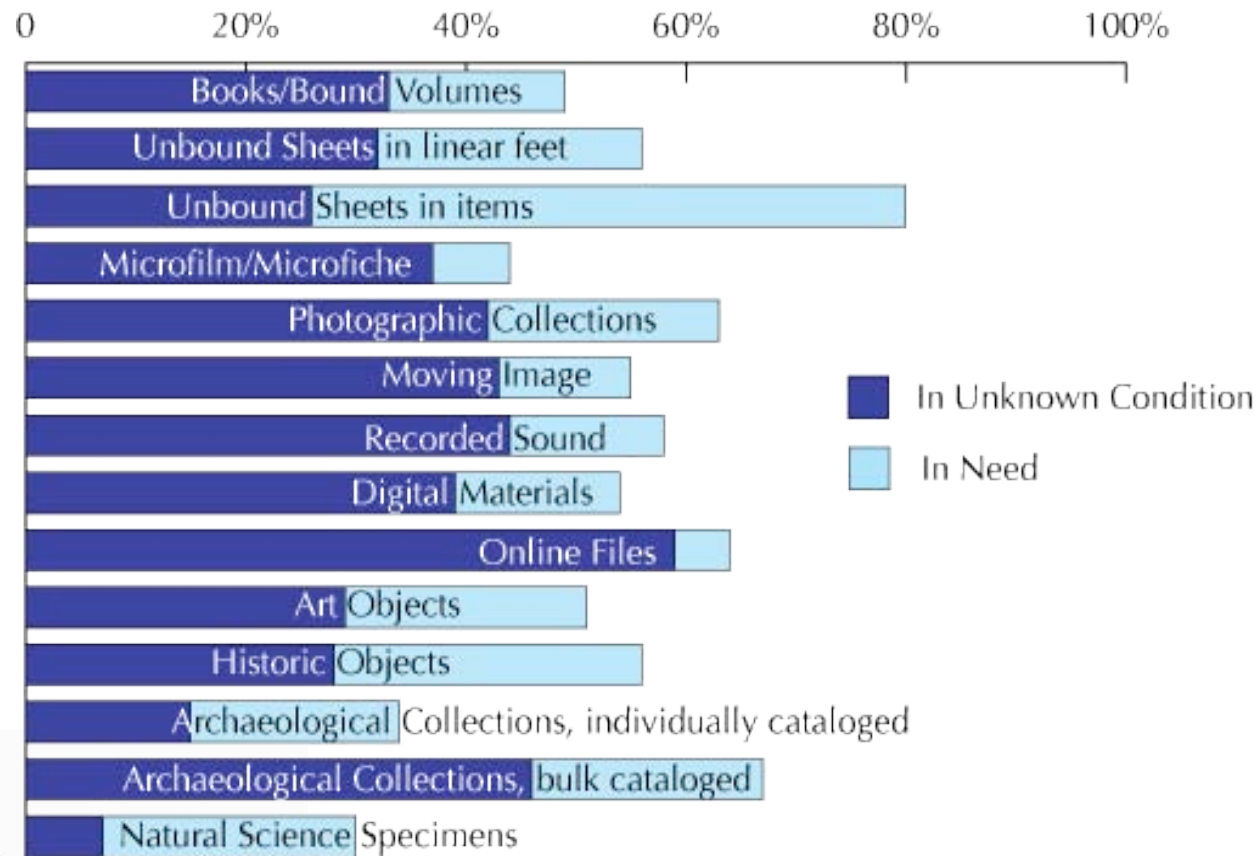


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A Project of Heritage Preservation with the Institute of Museum and Library Services

U.S. Collections in Unknown Condition & in Need



The Response

Connecting to Collections: The IMLS Conservation Initiative



www.imls.gov

- Conservation Summit in Summer 2007
- Four Regional Conservation Forums in 2008
- Conservation Bookshelf available in 2007
- Statewide Conservation Planning Grants available in 2007

A New Look at Stewardship

WebWise 2007

Stewardship in the Digital Age: Managing
Museum and Library Collections for
Preservation and Use

March 1-2, 2007, Washington, DC

Audio downloads & PowerPoints now available at
<http://www.imls.gov/news/events/webwise07>
Summary of proceedings coming soon

Full papers published in FirstMonday in June at
<http://www.firstmonday.org>

“ In addition to preserving tangible objects, we need digital repositories for collections that are physically vulnerable, on fragile or unstable media, or born digital.”

*Anne Radice
IMLS Director*

“ The use of digitization for preservation reformatting is inevitable because analog processes and materials are disappearing from the marketplace. Microfilm will be phased out as a preservation option over the next 5 years.”

Steve Puglia
NARA

What is digital stewardship?

- Stewardship = Preservation + Use
- Preservation includes preserving the content by continual migration and reformatting, in addition to [sometimes instead of] the original object
- Digital preservation will likely be based on standards and redundancy

“Technology is a moving target... There is a growing concern among producers and archivists that much information is being ‘lost’ because it is not readily available online.”

Selma Thomas

Watertown Productions

“ Good documentation is essential so that researchers know what is available and can find a particular segment quickly. It is important to have collections in more than one format and to reformat to the current technology to maintain accessibility. Institutions that cannot or do not want to undertake the costs of converting fragile formats, upgrading to new formats, and creating search mechanisms to help researchers find the material they need should make these decisions before they start collecting and perhaps reconsider their acquisitions policies.”

Jennifer Locke Jones

National Museum of American History

“The most important thing is to plan for the long-term from the outset rather than to opt for short-term solutions that can inhibit preservation and use at a later stage.”

Nate McQueen

Digital Well

The ResearchChannel

IMLS Funding Opportunities

- National Leadership Grants for Libraries and Museums
 - Proposals to investigate ways to enhance the archiving, preservation, management, discovery and use of digital assets and resources [RESEARCH & DEMONSTRATION]
 - Projects to support the creation, use, preservation, and presentation of significant digital resources as well as the development of tools to manage digital assets [BUILDING DIGITAL RESOURCES]

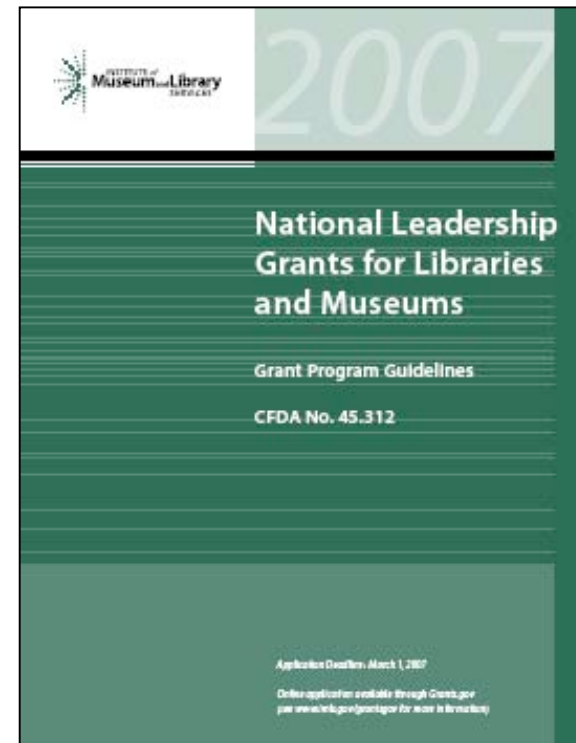
IMLS Funding Opportunities

- Laura Bush 21st Century Librarian Program
 - Data curation and digital asset management programs in graduate schools of library and information science
 - Continuing education programs in cultural heritage

National Leadership Grants for Libraries and Museums

Categories of Funding

- Research & Demonstration Projects
- Building Digital Resources
- Library and Museum Collaborations
- Collaborative Planning Grants — **NEW!**



NLG Research & Demonstration

University of Rochester
River Campus Libraries
(2006)

Tools for writing
dissertations in the
university's open-source
DSpace-based institutional
repository system

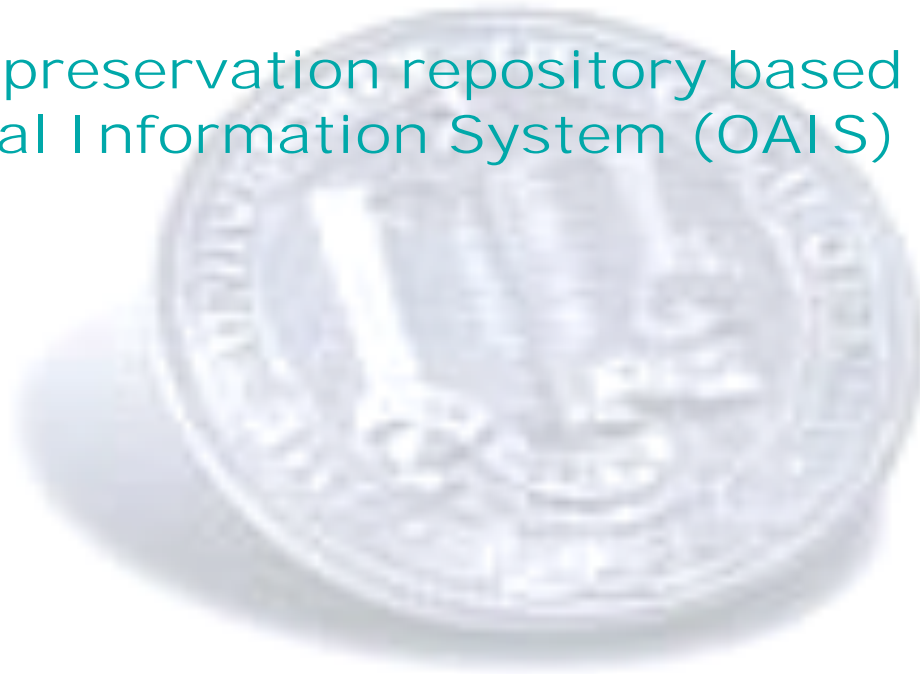


Rush Rhees Main Entrance

NLG Research and Demonstration

California Digital Library (2002)

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



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

NLG Preservation or Digitization

Florida Center for Library Automation (2002)

Dark Archives in the Sunshine State, a working preservation repository based on format migration, accepts most digital AV formats; application software freely available

<http://www.fcla.edu/digitalArchive/index.html>



Florida Center for Library Automation-Digital Archive



Florida Digital Archive

contact us : sitemap :

AFILIATES

INSTITUTE OF MUSEUM AND LIBRARY SERVICES

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]

NLG Building Digital Resources

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



NLG Building Digital Resources

University of North
Carolina Chapel Hill (2006)

Partnership with
Folkstreams.net

Provides online access to
digitally reformatted films &
preserves original films
offline

<http://www.folkstreams.net/vafp/>



Video Aids to Film Preservation (VAFP)

Video Aids to Film Preservation

folkstreams.net

Video Chapters Resources

Video Aids to Film Preservation

is a video guide to learning motion picture film preservation and restoration.

[Learn More](#)

[New to this site?](#)

What is the toughest thing about making a film? Putting in the little holes. The sprocket holes are the hardest thing to make. Everything else is easy, but all night you have to sit with that little puncher and make the holes on the side of the film. You could faint from that work. The rest is easy: the script is easy, the acting is easy, the directing is a breeze...but the sprockets will tear your heart out.

— Mel Brooks, comedian, writer, film director.

Video Aids to Film Preservation supplements existing guides to film preservation ([Guide to Film Preservation](#)) with video demonstrating basic handling and restoration procedures for motion picture film. A library of film clips offers instruction in basic film handling and preservation techniques. Clips are organized by title and by chapter headings in the Guide to Film Preservation published by the National Foundation for Film Preservation.

[Get the Guide](#)

Contribute to the project. If you or your business work with film on regular basis and want to contribute video clips or instructional content to our site, contact us.

- Read our list of [Contributors](#)
- Read the project mission [About the project.](#)
- [Contact](#) the project.

In addition to the short video clips, we are

<http://www.folkstreams.net/vafp/index.php> (1 of 4) [4/3/2007 11:19:08 AM]

NLG Preservation or Digitization

University of California, Santa Barbara (2003)

Online access to digital copies of more than 6,000 wax cylinder recordings



<http://cylinders.library.ucsb.edu/>

NLG Library-Museum Collaborations



University of Denver
(2004)

Collaborative
Digitization Program
project to develop 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.cdpheritage.org/
digital/audio/resources.cfm](http://www.cdpheritage.org/digital/audio/resources.cfm)



National Leadership Grants for Libraries and Museums

- Maximum award 1,000,000
- 1:1 cost sharing required <\$250,000 (except research)
- 1/3 cost sharing encouraged >\$250,000
- Deadline February 1, 2008

Insights

- Preservation of digital content can be assured by reformatting and storing in trusted digital repositories
- Providing online access to digital content creates an opportunity for its preservation
- Collaboration is essential for economies of scale and expertise

National Leadership Grants for Libraries and Museums

Collaborative Planning Grants **NEW!**

- Up to \$30,000 for 12 months
- Partnership required
- No conditions or commitments for future
- Deadline February 1, 2008

Coming Soon

New Framework of Guidance for Building
Good Digital Collections – IMLS partnership
with National Information Standards Organization

The logo for the National Information Standards Organization (NISO) is displayed in a large, bold, red serif font. The letters 'N', 'I', and 'S' are connected at the bottom, and the 'O' is a simple circle.

<http://www.niso.org>



More Information

Visit IMLS at www.imls.gov

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