

# Strategic Directions and Initiatives at the Library of Congress

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# Library Digital Initiatives: Timeline

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1990-92

Library began digitizing its collections for a pilot called American Memory and began making all of its onsite exhibitions available on the Internet.

2000

Congress authorizes the National Digital Information Infrastructure and Preservation Program, to capture and preserve material that exists only in digital form.

1994

In 1994, the Library began its National Digital Library Program with a promise to digitize and make available 5 million items.

2004

National Digital Library Program celebrates 10<sup>th</sup> anniversary and its 10 millionth digitized item in American Memory online.

1995

THOMAS Web site of information about the daily bills and legislative workings of the U.S. Congress is launched.

2005

Library announces formation of an effort to build a World Digital Library.

1996

The Learning Page Web site for teachers and students puts the library's primary resources in the classroom.

2008

NDIIPP network grows to over 130 partners; Library launches Flickr account.

2000

America's Library, a Web site for children and families, is launched to put primary sources in the home

2009

The World Digital Library launches with 32 partner institutions. Library accounts on YouTube, iTunes U, Facebook, and Twitter deliver collection content and news. Read.gov premieres, a Library multimedia website aimed at encouraging young readers.

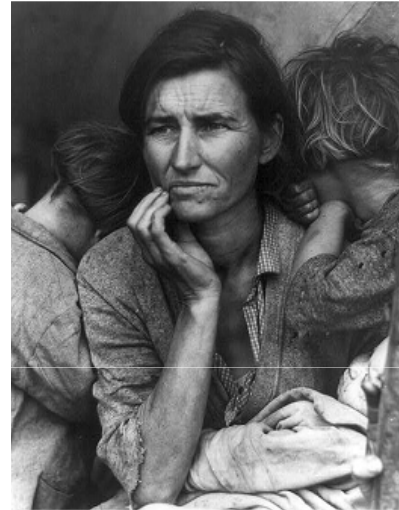


## 1990s Strategy: Increasing Accessibility

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- Open the Library's Treasures to the general public
  - American Memory
  - Thomas
  - Learning Page
  - National Digital Newspaper Program

# American Memory



## THOMAS

.....  
In the spirit of Thomas Jefferson,  
legislative information from the Library  
of Congress: current and historical.



- o Provides resources for learning about the legislative process and resources for legislative researchers
- o Launched in January of 1995, at the inception of the 104th Congress
- o Contains a list of legislative and other government resources

# The Learning Page ... especially for teachers

getting started

lesson plans

features & activities

collection connections

community center

professional development



Let us be your "front door" to more than 100 **American Memory collections!** Here is a "teacher's eye view" of over 7 million historical documents, photographs, maps, films, and audio recordings. You will find lessons, features, activities, and tips and tricks for using these collections in your classroom. Please join us!

news! 



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# National Digital Newspaper Program



# Strategies for the 21st Century: NDIIPP



- Mission: develop a national strategy to collect, preserve and make available significant digital content, especially information that is created in digital form only, for current and future generations.
- Based on an understanding that digital stewardship on a national scale depends on public and private communities working together.



# National Digital Information Infrastructure and Preservation Program (NDIIPP)

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- To ensure access over time to a rich body of digital content through the establishment of a national network of committed partners.
- Created by federal legislation (PL 106-554) in December 2000
- Guided by National Digital Strategy Advisory Board (NDSAB)
- *Preserving Our Digital Heritage* national NDIIPP plan approved December 2002



# Overall NDIIPP Goals

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- Identify and preserve at-risk digital content
- Develop a national digital collection and preservation strategy
- Support development of improved tools, models, and methods for digital preservation
- Work with industry, concerned federal agencies, libraries, research institutions and not-for-profit entities



## NDIIPP is a Portfolio of Activities

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- Library can no longer collect “everything”
- Formed a network of more than 130 partners to:
  - Collect and preserve important digital content at risk of loss
  - Conduct digital preservation research
  - Construct an interoperable technical infrastructure to support long-term preservation
  - Explore Intellectual Property issues



# Diverse Partners

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- Universities
- Public broadcasting
- Commercial content distributors and owners
- State governments
- Other federal agencies
- New business services
- Technology companies
- Other national libraries

## E-JOURNALS

- Scholarly electronic journals
- Small-circulation on-line journals

## STATE LEGISLATION & AGENCIES

- Laws, bills, proceedings, committee reports
- Rule-making and regulatory documentation
- Judicial decision, opinions, reports, & rules

## GEOSPATIAL

- At-risk state, regional, and local Gov't data (e.g., Infrastructure maps, Jurisdictional boundaries)
- Aerial and satellite imagery
- Atlantic and Pacific coastal imagery

## WEB SITES & BLOGS

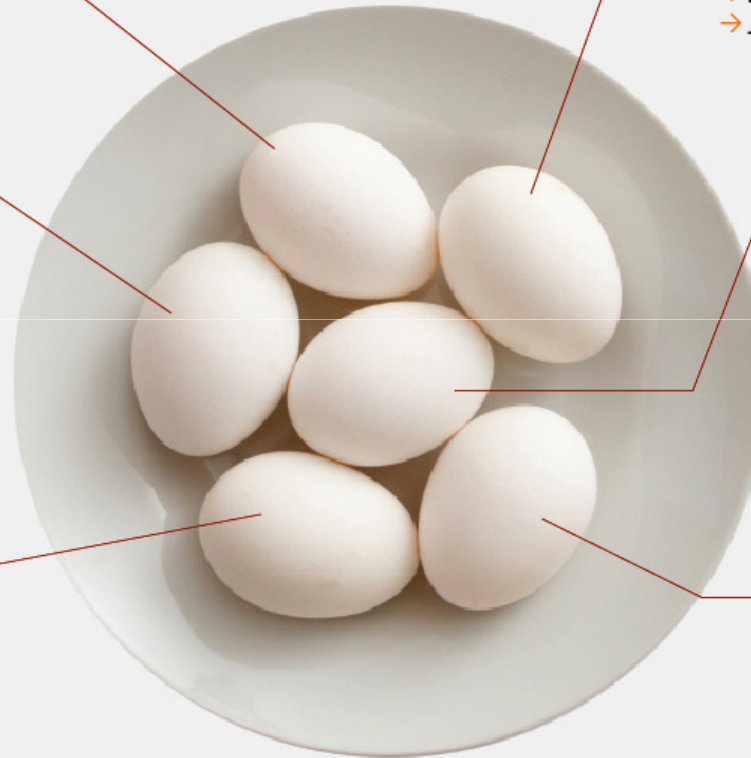
- International political movements
- Elections, Congressional Confirmations, Legal blogs
- Politics & social movements in the Western US
- Hurricane Katrina aftermath

## SOCIAL SCIENCE DATASETS

- Regional and national polling data
- Social and economic surveys
- Output of government-funded research (e.g., NSF, NIH)
- Surveys of international opinion (e.g., USIA datasets 1952-1999)

## VIDEO

- Foreign news programming (SCOLA)
- U.S. television news
- Public television (e.g., Frontline, Nature)



## BORN DIGITAL CONTENT



# NDIIPP Strategy

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- Take early action
- Learn by doing
- Be catalytic
- **Act collaboratively**
- Engage Multiple platforms
- Leverage Natural, Distributed Networks
- Share Resources



## NDIIPP: Act Collaboratively

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- Collaboration is Necessary When There's No Roadmap to What You're Doing
- Leverage Diverse Skill Sets
- Build on Existing Infrastructure



# Collaborative Tool Development

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- Duraspace
- Lockss
- Portico
- San Diego Supercomputer Center

# Inventory of Partner Tools and Services

The Library of Congress > Digital Preservation > Partners > NDIIPP Partner Tools and Services Inventory

## DIGITAL PRESERVATION



Search this site

- [Digital Preservation Home](#)
- [News & Events](#)
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- [Publications](#)
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- [Personal Archiving](#)
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- [Contact Us](#)

### Related Resources

- [Digital Formats Sustainability](#)
- [Federal Agencies Digitization Guidelines Initiative](#)

## Partner Tools and Services



The Library of Congress has **formed a growing network of preservation partners** both in the United States and abroad to help save digital information that would otherwise be lost.

[Tools and Services](#) | [Publications](#)

### NDIIPP Partner Tools and Services Inventory

This is a list of tools and services designed, developed or used by NDIIPP partners during their projects. By making this list available, the Library encourages NDIIPP partners and others in the preservation community to share in, and take advantage of, the work and resources of our partners.

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [F](#) | [G](#) | [H](#) | [I](#) | [J](#) | [K](#) | [L](#) | [M](#) | [N](#)  
[O](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [X](#) | [Y](#) | [Z](#)

**A**  
**ACE (Audit Control Environment)**

DIGITAL  
PRESERVATION

## Bagit: Transferring Content for Digital Preservation



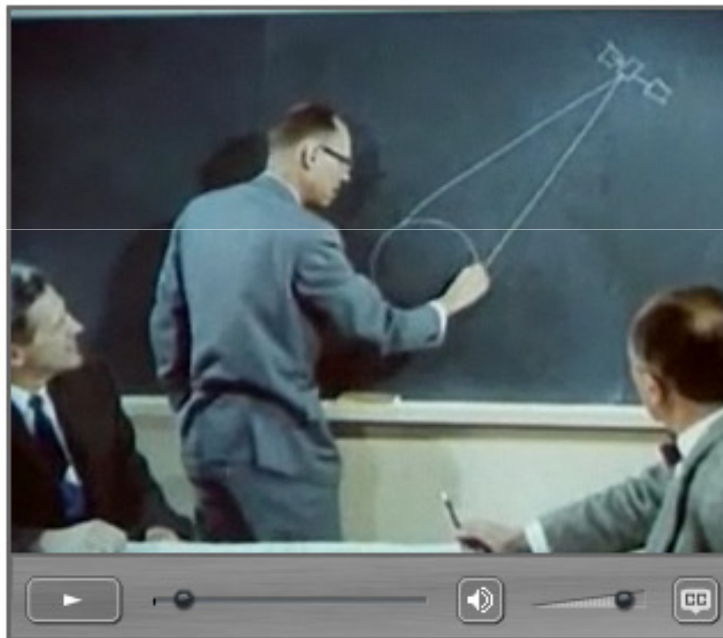
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### Related Resources

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- [Federal Agencies Digitization Guidelines Initiative](#)



➔ [View transcript](#)

**TITLE:** Bagit: Transferring Content for Digital Preservation

# National Digital Information Infrastructure and Preservation Program

<http://www.digitalpreservation.gov>

The LIBRARY of CONGRESS

ASK A LIBRARIAN DIGITAL COLLECTIONS LIBRARY CATALOGS

GO Options

The Library of Congress > Digital Preservation

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### Related Resources

- [Digital Collections & Programs](#)
- [Digital Formats Sustainability](#)
- [Section 108 Study Group](#)
- [Standards at the Library of Congress](#)
- [U.S. Copyright Office](#)
- [Web Capture](#)

TODAY TOMORROW FOREVER

## National Digital Information Infrastructure and Preservation Program (NDIIPP)

Talking about Digital Preservation

- David Kirsch, University of Maryland
- Abby Smith, consultant to NDIIPP
- American Voices: Digital Preservation

Video Transcripts

### Meeting the Challenge

The Library of Congress is meeting the challenge by supporting sustainable digital formats.

[Read more](#)

### Digital Preservation Pioneers

Computer scientist Fran Berman muses about the intersection of libraries.

### News & Events

#### End-of-Term Web Archives

The Library of Congress and several key partners will preserve public United States Government Web sites at the end of the current presidential administration.

[Read More](#)

#### JHOVE and the Development of JOHVE2

Learn more about JHOVE and it's validating functions and find out more about the development of JOHVE2.

[Read More](#)

#### MN States Project Shares Efforts With Library



## Further Approaches

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- Digitizing: Now a need to re-digitize?
- Delivery copies now a higher resolution than earlier preservation copies
- Operating Policies and Procedures
- Distributed Content Owners
- Can't Preserve Licensed information



## More Issues

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- CD Roms, physical media
- IT Systems-regular back-up and a back-up facility
- Regular migration, every 3 years