



# Digital PRESERVATION

National Digital Information Infrastructure & Preservation Program:

## NDIIPP UPDATE

January 24, 2009

Digital Preservation Interest  
Group, ALA

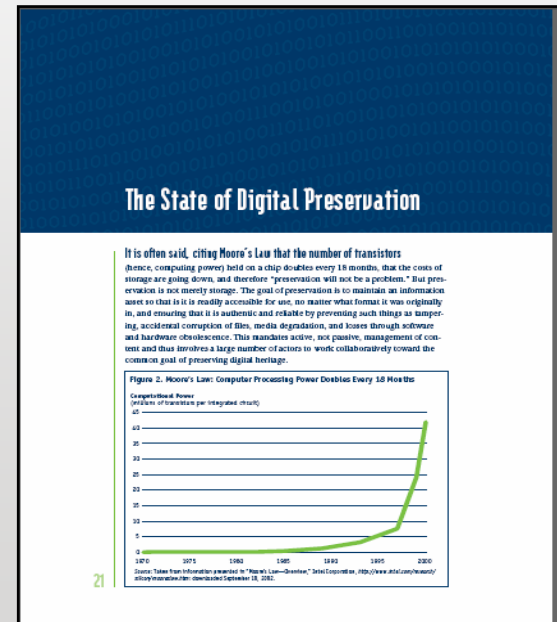
## OVERVIEW

- Background
- Strategy
- Network
- Content
- Architecture
- Policy & Outreach
- Going forward



# BACKGROUND

- Created by federal legislation (PL 106-554) in December 2000
  - Work with public & private sectors
  - Develop a strategy for collecting and providing long-term preservation and access to digital materials
- NDIIPP plan outlined in *Preserving Our Digital Heritage*
- Build network with matching grants; more than \$40 million awarded to date
- National Digital Strategy Advisory Board (NDSAB)





# BACKGROUND

## NDIIPP MISSION

To ensure access over time to a rich body of digital content through the establishment of a national network of partners committed to selecting, collecting and preserving at-risk digital information

## WE ARE

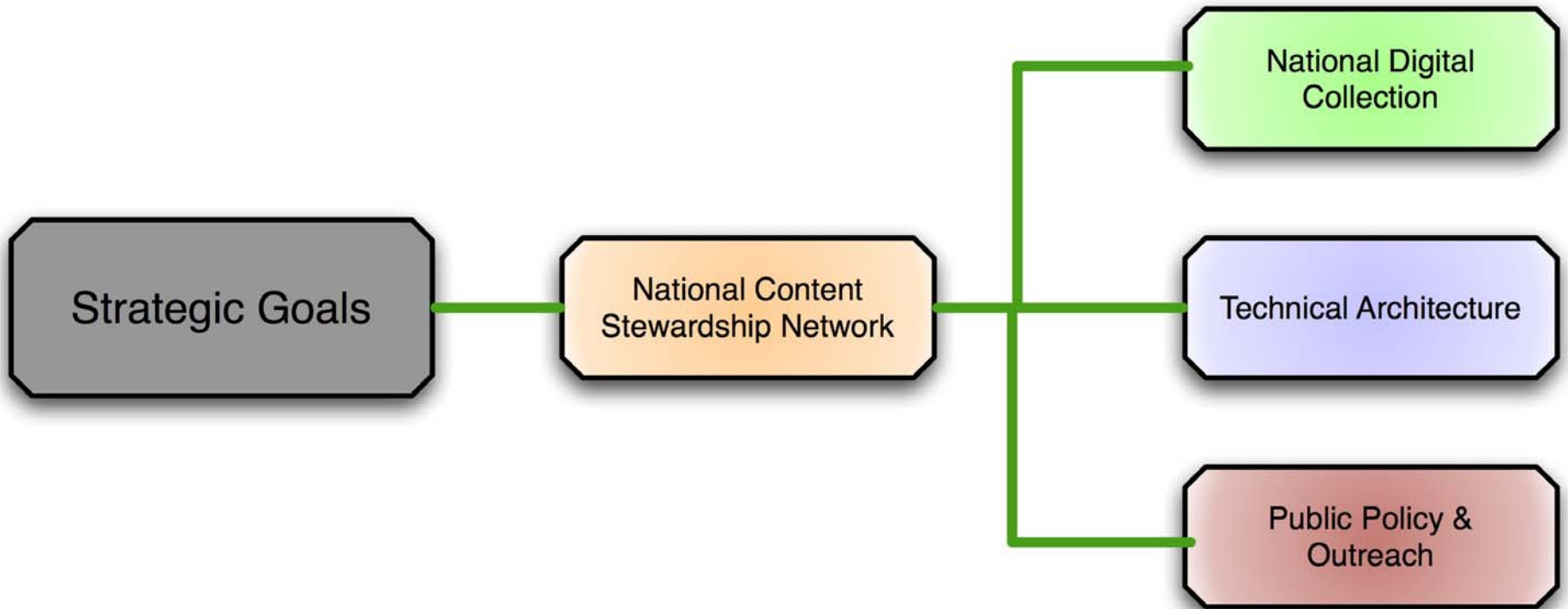
- A Network of People
- An Architecture for Preservation
- Working for Sustainable Access to Digital Content

## OUR MOTTO

Learn by doing

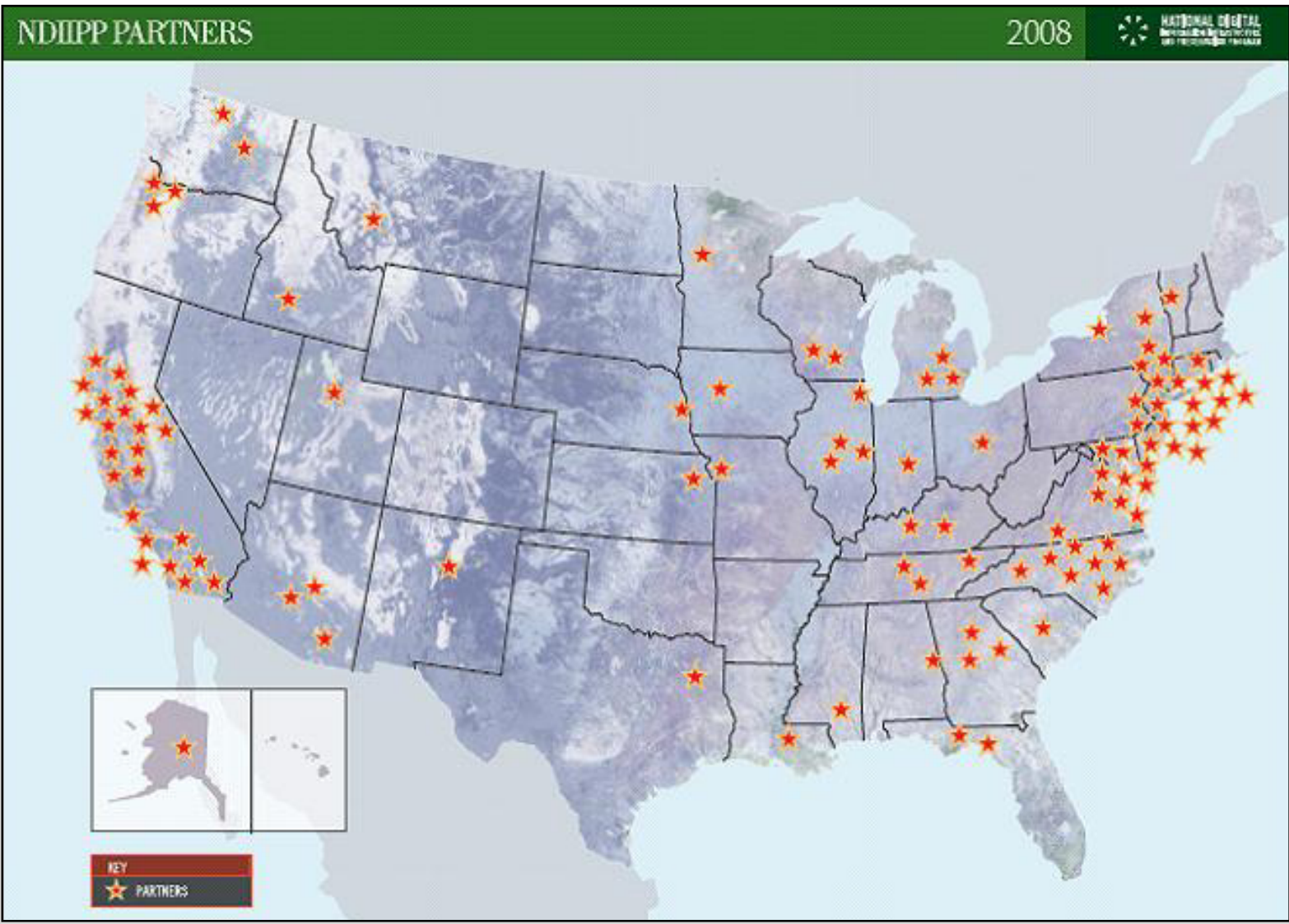


# NDIIPP DIGITAL PRESERVATION STRATEGY



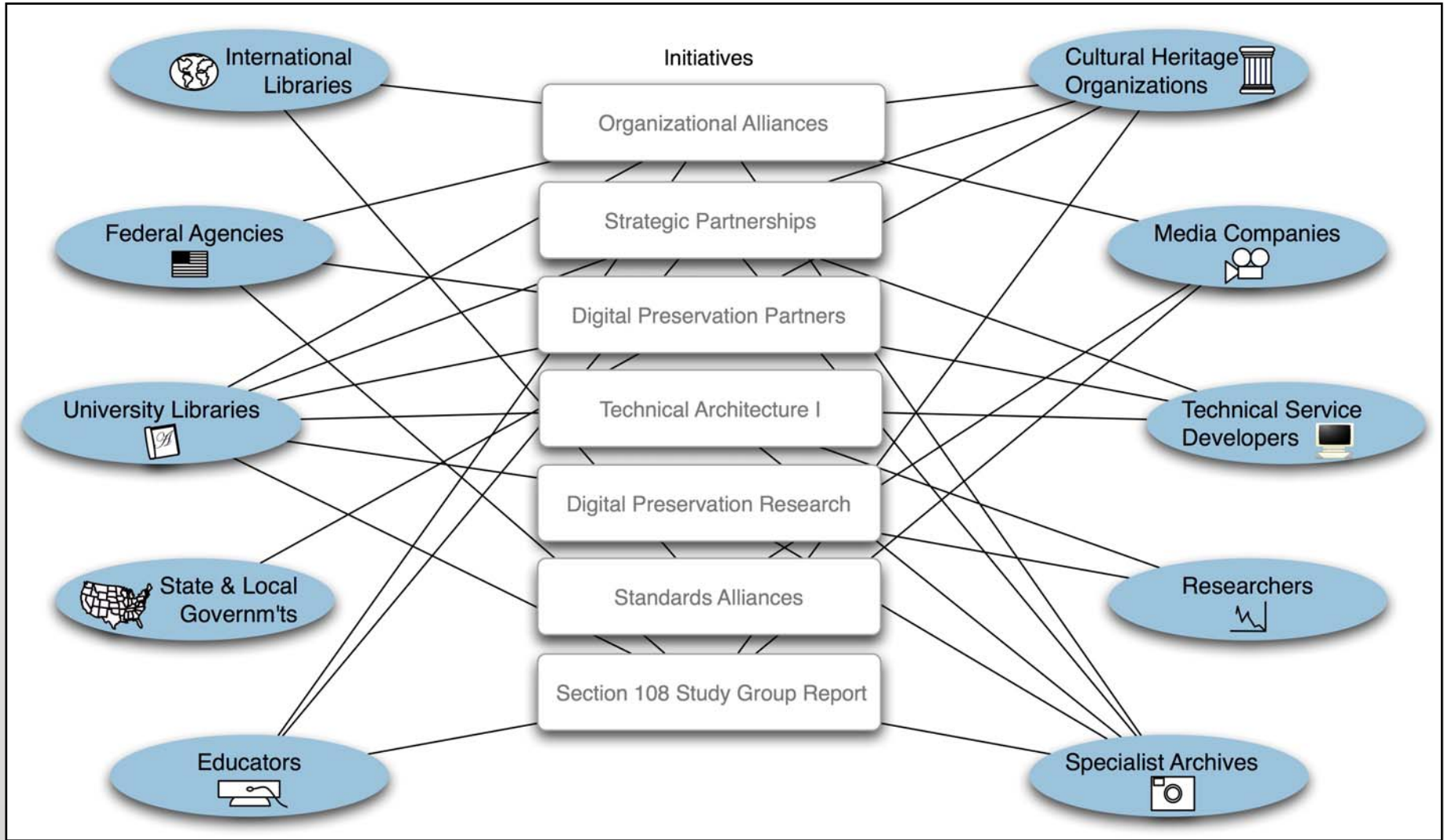


# NETWORK: U.S. PARTNERS





# NETWORK: PARTNER COMMUNITIES 2004

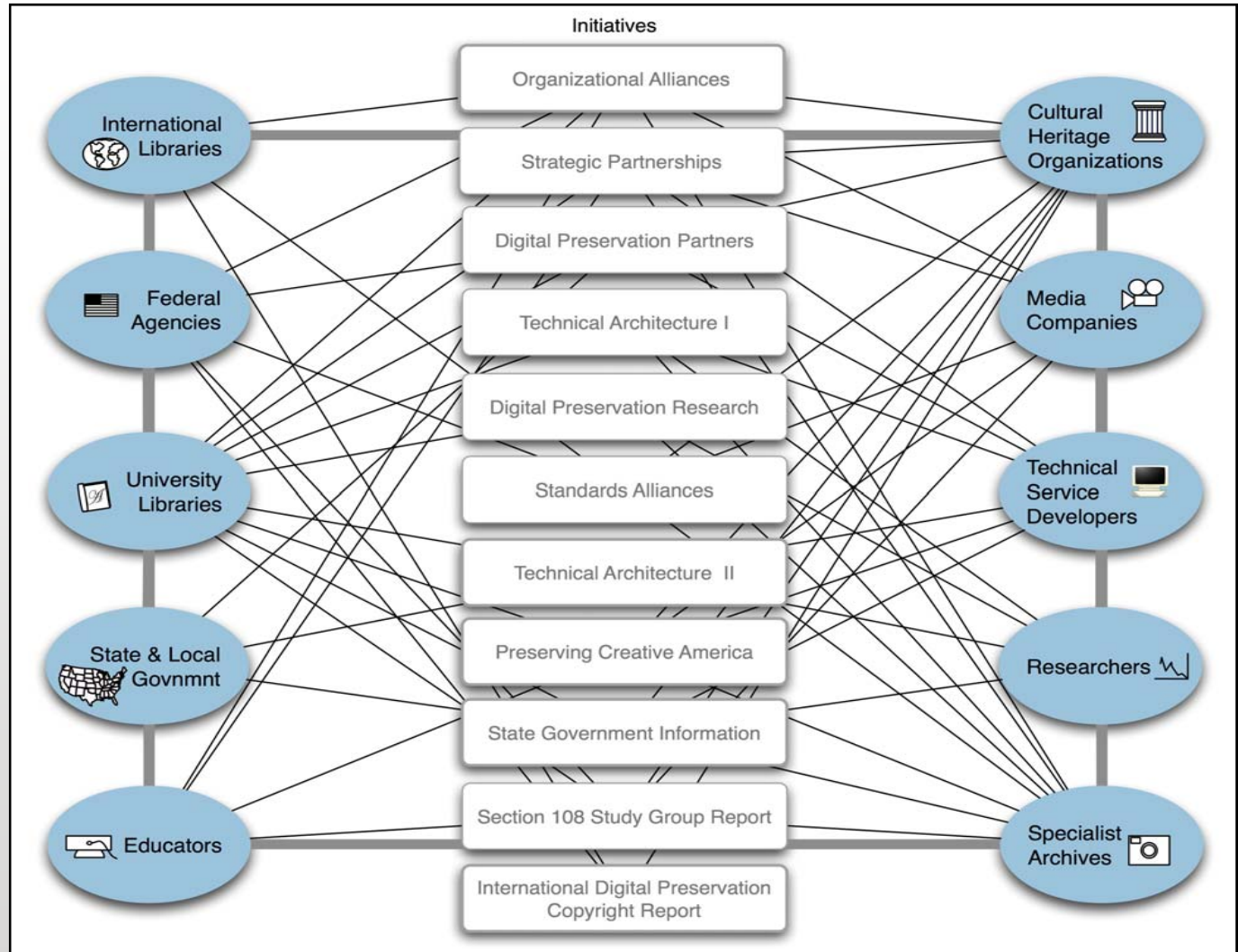






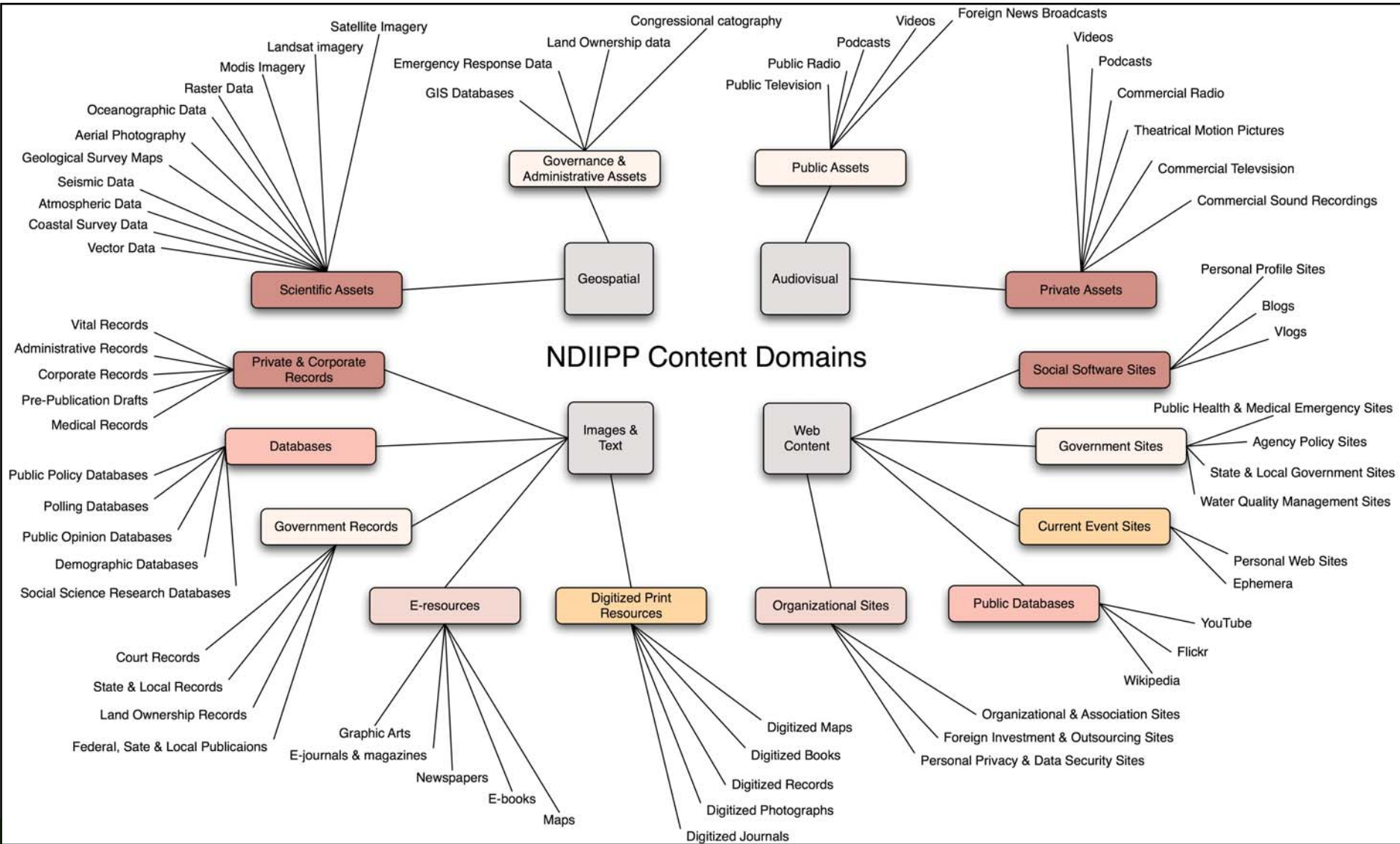
# NETWORK: PARTNER COMMUNITIES 2008

- Natural networks form over time
- Partners reengage in new projects
- Experience is shared across content domains





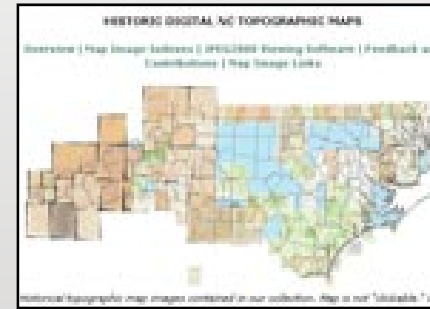
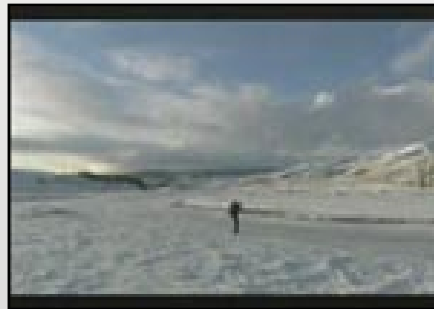
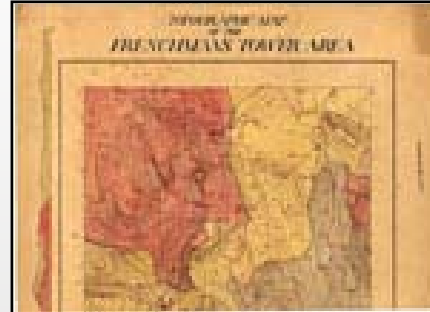
# CONTENT: DOMAIN MAP







# CONTENT: COLLECTIONS



Text & Images

Audiovisual

Geospatial

Web sites



# CONTENT: ACCESS

- Restricted access content portal launched in 2008
- Access challenges
  - Rights
  - Distributed collections
  - Numerous workflows
  - Vague user base
- Pilot project with Zepheira utilizing semantic web technologies
  - Discoverable resources
  - Tools for finding, accessing, and sharing
  - 2009

DIGITAL PRESERVATION: **What Is Being Preserved**  
A National Community Preserving Our Culture for Future Generations

The LIBRARY of CONGRESS

**HOME**

- **WEB SITE ARCHIVES**
  - [ECHO DEpository](#)
  - [Library of Congress Web Archives](#)
  - [Web-At-Risk](#)
- **CULTURAL HERITAGE**
  - [MetaArchive](#)
- **POLITICAL & SOCIAL DATA**
  - [Data-PASS](#)
- **MAPS & GEOSPATIAL DATA**
  - [National Geospatial Digital Archive \(NGDA\)](#)
  - [North Carolina Geospatial Data Archiving Project](#)
- **TELEVISION**
  - [Preserving Digital Public Television](#)
  - [SCOLA](#)
- **BUSINESS RECORDS**
  - [Digital Archive of the Birth of the Dot.Com Era](#)

**BROWSE PROJECTS BY:**

- [State](#)
- [Type of Institution](#)
- [Alphabetically](#)

For news, events, and NDIIPP program information, visit [digitalpreservation.gov](http://digitalpreservation.gov)

**PRESERVING... Maps and Geospatial Data**

**PRESERVING OUR DIGITAL CULTURE**

The National Digital Information Infrastructure and Preservation Program (NDIIPP) at the Library of Congress has been working since 2000 with a network of partners to save the nation's digital heritage – Web sites, maps, documents, television, social science databases and other materials that are important to the intellectual future of the nation. These items will be lost if they are not now saved.

- > [Learn more about this initiative](#)
- > [Find out what's happening in your state](#)

**Photographs of Rural Life in Alabama (1920-1960)**

> [Visit Collection and Other Examples](#)

**iPoll: Over 70 Years of Public Opinion Survey Data**

> [Visit Web Site and Other Examples](#)

**The Stanford Geographical Survey (1895-1995)**

> [Visit Collection and Other Examples](#)

**Digital Preservation of Public Television Programming**

> [Watch Video and Other Examples](#)

**Connecticut Statewide School Reports: No Child Left Behind**

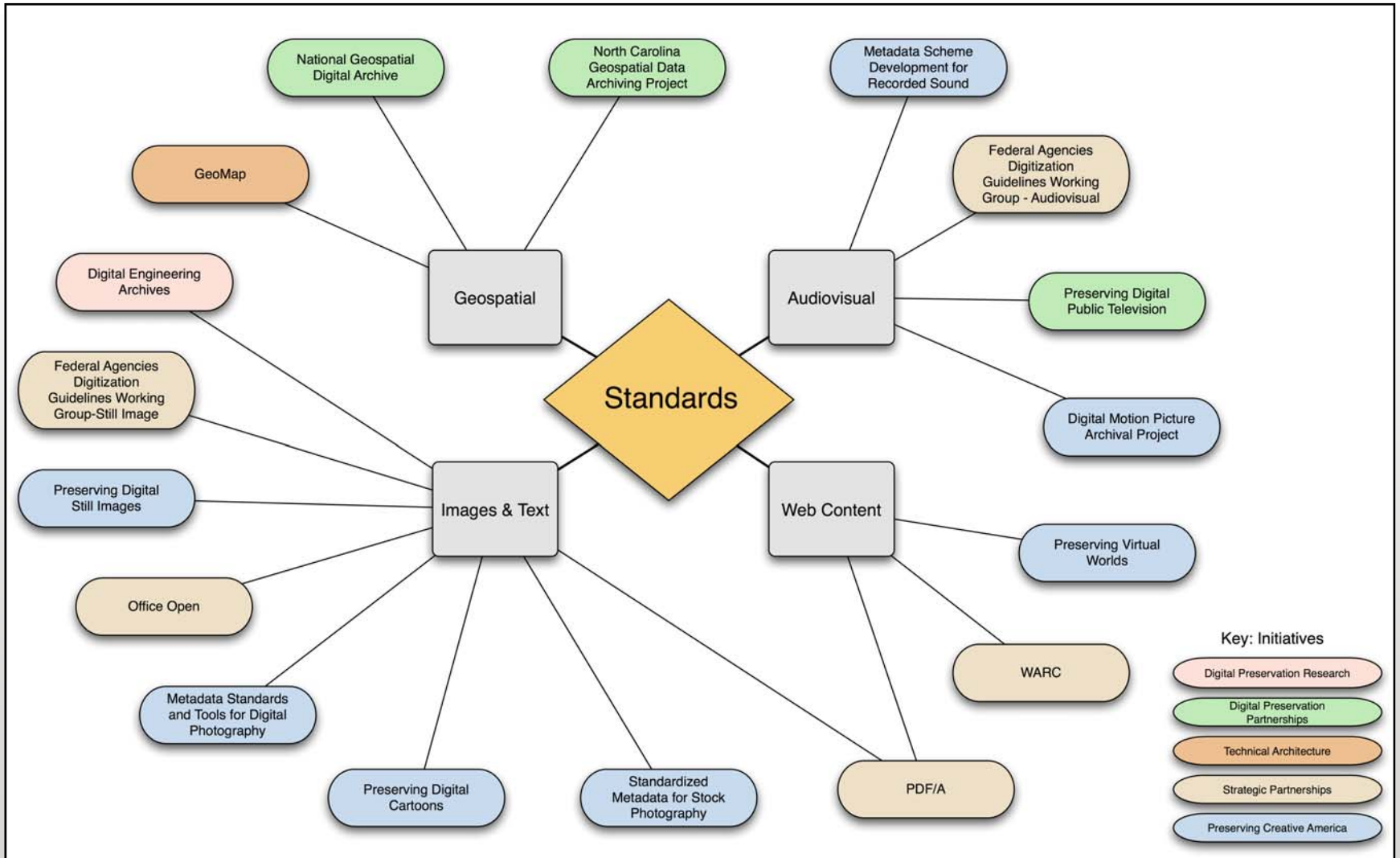
> [View Reports and Other Examples](#)

**Documents from the Dot Com Boom**

> [Visit Web Site and Other Examples](#)

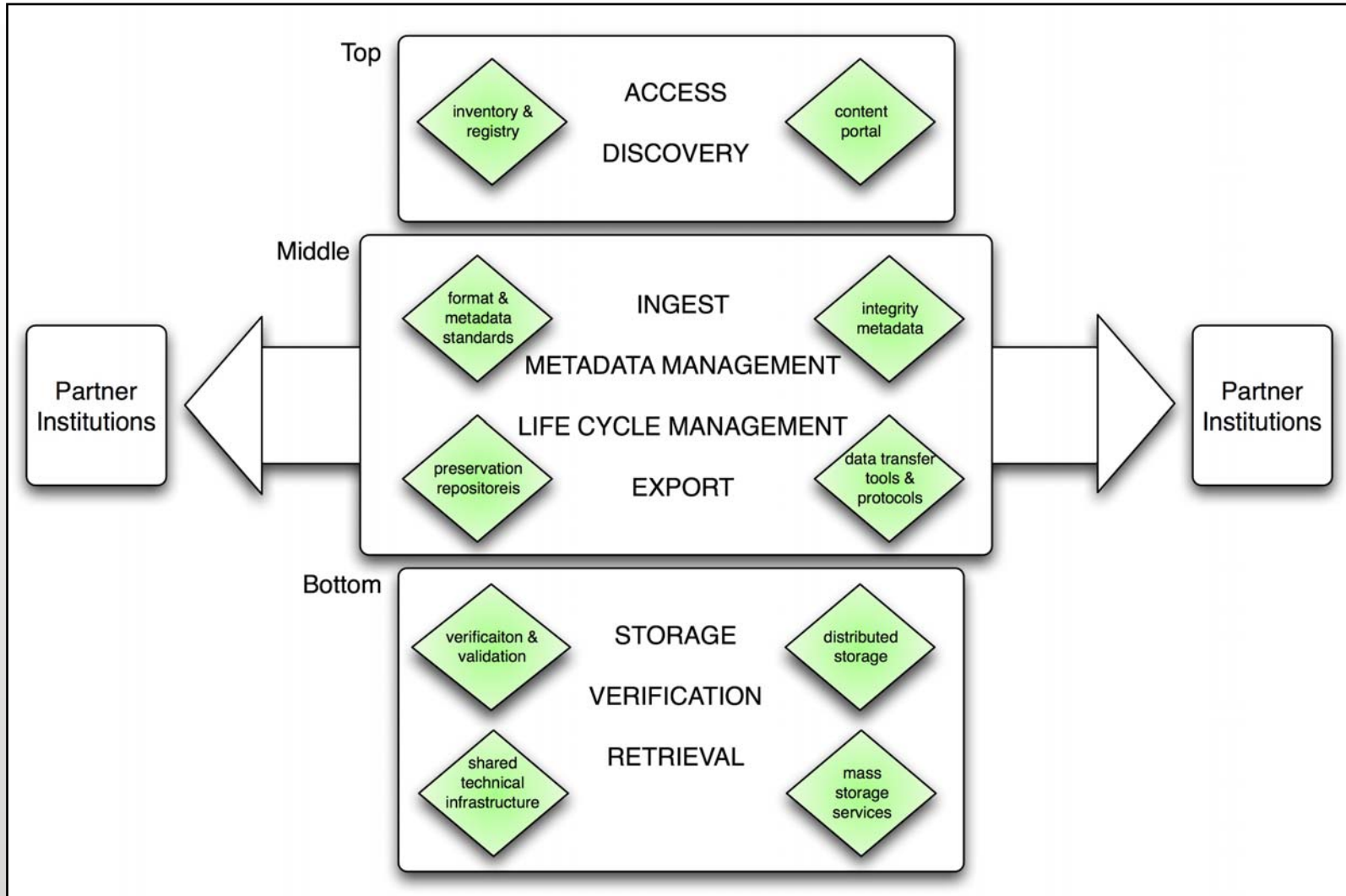


# ARCHITECTURE: STANDARDS





# ARCHITECTURE OF COOPERATION





# ARCHITECTURE: TOOLS

- Inventory of tools and services designed, developed or used by NDIIPP partners during their projects

<http://www.digitalpreservation.gov/partners/resources/tools/index.html>

- Library of Congress transfer tool software on Sourceforge.net

<http://sourceforge.net/projects/loc-xferutils/>





# PUBLIC POLICY

## **INCENTIVES TO PRESERVE**

- Copyright exceptions: Section 108 Study Group Recommendations delivered to the Librarian of Congress and Register of Copyrights in March 2008

<http://www.section108.gov/>

- Case study: Business Records
  - Public interest in private records

## **SUSTAINABLE ECONOMIC MODELS**

- NSF Blue Ribbon Taskforce on Sustainable Digital Preservation and Access

[http://brtf.sdsc.edu/biblio/BRTF\\_Interim\\_Report.pdf](http://brtf.sdsc.edu/biblio/BRTF_Interim_Report.pdf)



# OUTREACH

- Weekly program updates on <http://www.digitalpreservation.gov>
- Monthly newsletter with over 2700 subscribers
- Demonstrations at National Book Festival
- Printed brochures for stakeholders and the general public

The Library of Congress > Digital Preservation

## DIGITAL PRESERVATION

Search this site

- [Digital Preservation Home](#)
- [News & Events](#)
- [Partners](#)
- [Tools & Services](#)
- [Publications](#)
- [Personal Archiving](#)
- [About the Program](#)
- [Contact Us](#)

### Related Resources

- > [Digital Formats Sustainability](#)
- > [Federal Agencies Digitization Guidelines Initiative](#)
- > [Section 108 Study Group](#)
- > [Standards at the Library of Congress](#)
- > [Web Capture](#)

RSS | Blog

## Digital PRESERVATION

National Digital Information Infrastructure & Preservation Program:  
A Collaborative Initiative of the Library of Congress

### Meeting the Challenge

The Library of Congress continues to work with the Federal Agencies Digitization Guidelines Initiative. The Still Image working group is developing guidelines for activities associated with digital imaging and encoding.

[Read more](#)

### NDIIPP Newsletter

[Latest NDIIPP Newsletter](#)

### News & Events

#### Legislative Information Preservation Project Holds Meeting

Project partners get updates and plan activities for the next phase of the project.

[Read More](#)

#### Library Releases Software

Open source software tools that cultural heritage organizations can use to send and receive digital data have recently been released on Sourceforge.net.

[Read More](#)

#### Partners Plan for the Future

### Digital Preservation Pioneers

Larry Carver talks about creating a home for geospatial data in the library world and his vision for finding information related to any spot on the Earth through online maps.

[Read More](#)

### Partner Tools and Services

The NDIIPP program has actively supported the development of tools and services to support digital preservation. Get access to them here.

## PRESERVING DIGITAL CULTURE

The LIBRARY of CONGRESS

Libraries everywhere are facing the same challenges as individuals who want to preserve their digital memories, but on a much greater scale. In addition to saving electronic journals and books, digital films and sound recordings, digital maps and other born digital materials, the Library of Congress is collecting and preserving important Web sites.

The Internet is a shared repository for digital culture. It is where creations and knowledge can be openly shared. Much important information is today created specifically for the World Wide Web and exists nowhere else. Online information is often immediately accessible, but it may not remain available for the long term. It is estimated that the life span of an average Web site is less than 44 days.

The Library of Congress and partner organizations are developing tools to collect and preserve Web sites documenting key moments in our recent history that contribute to our collective memory. Since 2000, the Library has developed thematic Web archives on Hurricane Katrina, the events of September 11, 2001, and the U.S. national elections, among others. Explore examples from these important collections.

previous next

## SHARED DIGITAL HERITAGE

- Digital Heritage
- Personal Digital Heritage
- Shared Digital Heritage
- Digital Preservation



# GOING FORWARD

- Building a national digital collection
  - Public policy resources
  - News, Journalism, and Newsmakers
  - Arts and Culture
- Develop a strategic framework and plan for a national digital collection
- Organize, grow and maintain partnerships; 50 state coverage
- Enable technical management through infrastructure projects



- Questions?

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[www.digitalpreservation.gov](http://www.digitalpreservation.gov)