Repository of the Past?

Predictor of the future?
NDIIPP

National Digital Information Infrastructure and Preservation Program

MISSION: Ensure access over time to a rich body of digital content through establishment of a national network of partners committed to selecting, collecting and preserving at-risk digital information.
Outreach

- http://www.digitalpreservation.gov
- Monthly newsletter (17,000+)
- Twitter: twitter.com/ndiipp or @ndiipp (8475+)
- Facebook: facebook.com/digitalpreservation (2608+ likes)
- Blog: http://blogs.loc.gov/digitalpreservation/
- Videos
- Podcasts
- National Book Festival
- Printed brochures
- Smithsonian preservation events
- Preservation Week/Day Events (April 22-28, 2012)
NDIIPP Focus Areas

- National Digital Collection
- Partnerships: Government, Industry, Academia
- Technical Infrastructure
- Sustainability
- Public Policy
What is Digital Preservation/Stewardship?

- **Digital Preservation**: “The series of managed activities necessary to ensure continued access to digital materials for as long as necessary.” [Digital Preservation Coalition]

- **Digital Stewardship**: “The management of the creation, description, curation, accessibility and preservation of digital information objects over the entire lifecycle.” [hybrid definition]
NDIIPP Focus Areas

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A Content-centric View of the Universe!

- It’s all about managing content over time for ongoing accessibility.
- Readdressing the Lifecycle of Information
Government, Politics and Law

- Uniform Electronic Legal Material Act
- Continued engagement with the National Conference of State Legislatures and other pertinent organizations
- Kansas Enterprise Electronic Preservation (KEEP) and e-Democracy
  http://keep.ks.gov/
- Leveraging Open Data initiatives (Sunlight Foundation, GovTrak etc.)
Maps and Geography

- Business Planning
- Engagement with academia and the private sector
- Pilot data transfer projects
News, Media and Journalism

- What is digital news? Who produces it? What forms does it take?
- What is important to preserve for the nation?
- What collaborative efforts for preservation are succeeding now?
- What are the roles for content owners and public archives in preserving digital news?
- What roles do "local" and "national" content and organizations serve?
- What are some strategies and possible models for addressing the issues in a distributed way?
• Who has responsibility for stewarding scientific data? Think of the products of science and engineering research: sky surveys, temperature trends, genomics, etc.

• Linked Open Data in Libraries, Archives, & Museums (LODLAM)
Guidance to the “general public” on saving their digital stuff: documents, photos, music, video, email, websites etc.

- Public Events
- Further How-to’s and tutorials
- “Personal Archiving Day”

http://www.digitalpreservation.gov/personalarchiving/
NDIIPP Focus Areas

- National Digital Collection
- **Partnerships: Government, Industry, Academia**
- Technical Infrastructure
- Sustainability
- Public Policy
NDSA
• An initiative of the National Digital Information Infrastructure and Preservation Program (NDIIPP)

• A collaborative effort among government agencies, educational institutions, non-profit organizations, and business entities to preserve a distributed national digital collection for the benefit of citizens now and in the future.

• Community-driven, action-oriented
NDSA Membership

• Over 110 member organizations have joined the NDSA since it was founded in July 2010.


• Membership is now open to any interested U.S.-based organizations. Very lightweight membership agreement!
Benefits of Participation

• Have a Voice
• Share knowledge
• Drive action
• Learn from Experts
• Impact change
NDSA Working Groups

Members commit to participating in one of the five working groups of the Alliance:

- Content
- Infrastructure
- Innovation
- Outreach
- Standards and Practices
NDSA Content Working Group

Outreach Working Group activities include:

- Develop or contribute to a registry of content already preserved by NDSA members.
- Determine what specific types of content or collections are at risk.
- Identify at-risk content or collections for preservation.
- Match orphan collections with appropriate trusted partner for access and preservation.
- Guidance on appraisal for local government information.
- A blog preservation plugin to easily enable content creators to opt-in to preservation.
- A survey of organizations in the United States who are actively involved in or planning to archive content from the web.
NDIIPP Focus Areas

- National Digital Collection
- Partnerships: Government, Industry, Academia
- Technical Infrastructure
- Sustainability
- Public Policy
Investments in Innovative Services

Technical Infrastructure

- **DuraSpace** - Cloud storage

- **Memento** - Time travel for the web
  [http://www.mementoweb.org/](http://www.mementoweb.org/)

- **Viewshare** - Access tools
  [http://viewshare.org/](http://viewshare.org/)
We believe that preserving the world’s intellectual, cultural and scientific heritage is vital.

We provide leadership and innovation in developing durable, open technologies.

Our COMMUNITIES share solutions in more than 90 countries.

Our SPONSORS are committed to preserving the scholarly record.

Our Open Source Projects

DSpace is a turnkey institutional repository application. ►SITE ►DSPACE USERS

Fedora is a framework for building digital repositories. ►SITE ►FEDORA USERS
Memento wants to make it as straightforward to access the Web of the past as it is to access the current Web.

If you know the URI of a Web resource, the technical framework proposed by Memento allows you to see a version of that resource as it existed at some date in the past, by entering that URI in your browser like you always do and by specifying the desired date in a browser plug-in. Or you can actually browse the Web of the past by selecting a date and clicking away. Whatever you land upon will be versions of Web resources as they were around the selected date. Obviously, this will only work if previous versions are available somewhere on the Web. But if they are, and if they are on servers that support the Memento framework, you will get to them.

Formal technical specifications detailing the Memento framework are available. But if you want a more gentle entry point to gain an understanding of how Memento is trying to change the Web by adding a time dimension to its most common protocol, HTTP, check out the [Introduction to Memento](#).

If you are interested in establishing a Web with a memory, please join the [Memento Development Group](#). And if you want to get involved in the technical discussion of the [Memento specification](#), you probably should subscribe to the [IETF HTTP list](#) or to the [W3C TAG list](#).
Viewshare is a free platform for generating and customizing views, (interactive maps, timelines, facets, tag clouds) that allow users to experience your digital collections.