



National Digital Information Infrastructure and Preservation Program (NDIIPP)

Brief Background and Update

April 2005

NDIIPP Legislation and Funding

- Created by federal legislation in December 2000
- Intent is to support preservation of significant “born-digital” content that is at risk
- \$25 million + another \$75 million if matched, for potential total of \$175 million.
- Clear instructions from legislators that LC should work with others
- Meetings of experts, commissioned studies
- Leading to plan, approved December 2002

NDIIPP plan is a portfolio of programs

- Three areas of focus
 - Network of preservation partners
 - Architectural framework for preservation
 - Digital preservation research

Network of Preservation Partners

- LC is providing resources and leadership to construct a network of preservation partners
- Primary outcomes for partnerships:
 - Identify and preserve significant content
 - Leverage resources, experience via collaboration
 - Promote standards and best practices
- Represented here are projects from a first call for proposals

Initial NDIIPP Partnership Program

- Competition
- 8 awards in September 2004
- Kick-off meeting in January 2005
- Individual LC staff as liaison to each project
- Partners collect/preserve content, collaborate with LC and each other
- 3 year term, report to Congress

Initial Partnerships—Goals

- Develop a broad approach to digital content selection and collection development
- Probe intellectual property issues
- Consider long-term responsibilities
- Who pays? Study economics and incentives
- Identify and share best practices
- Learn how to build and sustain partnerships

Initial Partnerships

- Listed in handout or at <http://www.digitalpreservation.gov/>
- Vary in nature of partnership
- Vary in content scope
- In addition to those represented here
 - Social science datasets
 - Dot-com era business records

Activity across projects

- Meeting twice a year
- Identification and action on cross-cutting issues
- 'Affinity groups' formed
 - Selection and Collection
 - Rights
 - Technical Architecture
 - Economic Sustainability

Other areas of NDIIPP portfolio

- More partnership activity
- Architectural framework for preservation
- Digital preservation research

Partnerships with state governments

- Working with Center for Technology in Government
 - <http://www.ctg.albany.edu/> [Sharon Dawes]
- Toolkit for assessing digital preservation capability
 - supports the development of partnerships among state libraries, archives, and other state agencies
 - questionnaires and a process for partnerships to use to identify important digital preservation projects, and to determine whether they are sufficiently capable of carrying them out
- Three meetings in late April and May
 - All 50 states (state libraries, state archives, CIOs)

Archive Ingest & Handling Test

- Test by several institutions using different repository systems
- Conducted with a common data set
 - George Mason University 9/11 Archive
- Phase I tested ingest and data handling in local systems
- Phase II tested export and import between institutions
- Phase III explored format migration.

AIHT Participants

- Harvard University Libraries
- The Johns Hopkins University, Sheridan Libraries
- Old Dominion University, Department of Computer Science
- Stanford University Libraries and Academic Information Resources
- Library of Congress

Status of AIHT

- All phases completed
 - Imports focused on technical assessment of the ingested collection and developing tools to examine it
 - Exports included METS and MPEG21 objects
 - Migrations included transforms to JPEG2000, TIFF, and some exploration of HTML to XML and AVI to MPEG
- Full report expected by early summer

Digital Preservation Research

- Joint LC/NSF digital preservation research grants program (administered by NSF)
- Agenda shaped by *It's About Time* report based on workshop
- Major areas of interest:
 - Digital repository models
 - Tools, technologies, and processes
 - Organizational, economic, and policy issues
- Awards to be announced very soon

For More Information

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