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
  - [Sharon Dawes](http://www.ctg.albany.edu/)
- 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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  - http://www.digitalpreservation.gov/

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