



**Digital**PRESERVATION  
National Digital Information Infrastructure & Preservation Program:

# Enabling Collaboration for Digital Preservation

Martha Anderson, The Library of Congress, September 2010

2000

2002

2006

2008

2011



# 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

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2002

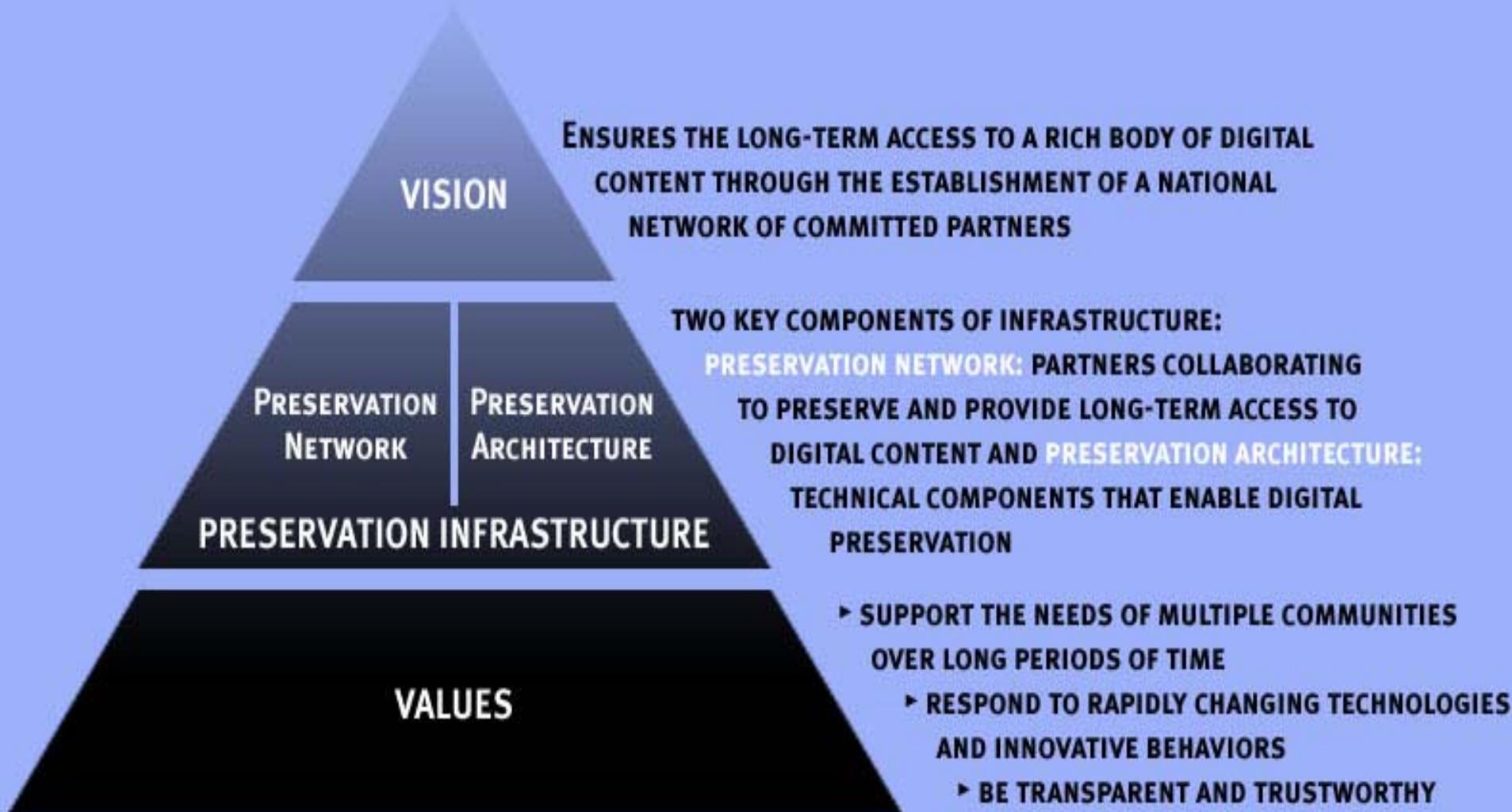
2006

2008

2011



# A Network of People An Architecture for Preservation





# Digital PRESERVATION

National Digital Information Infrastructure & Preservation Program:

....trust and reciprocity  
“lengthen the shadow of  
the future” ....

Axelrod, The Evolution of Cooperation, 1984.

2000

2002

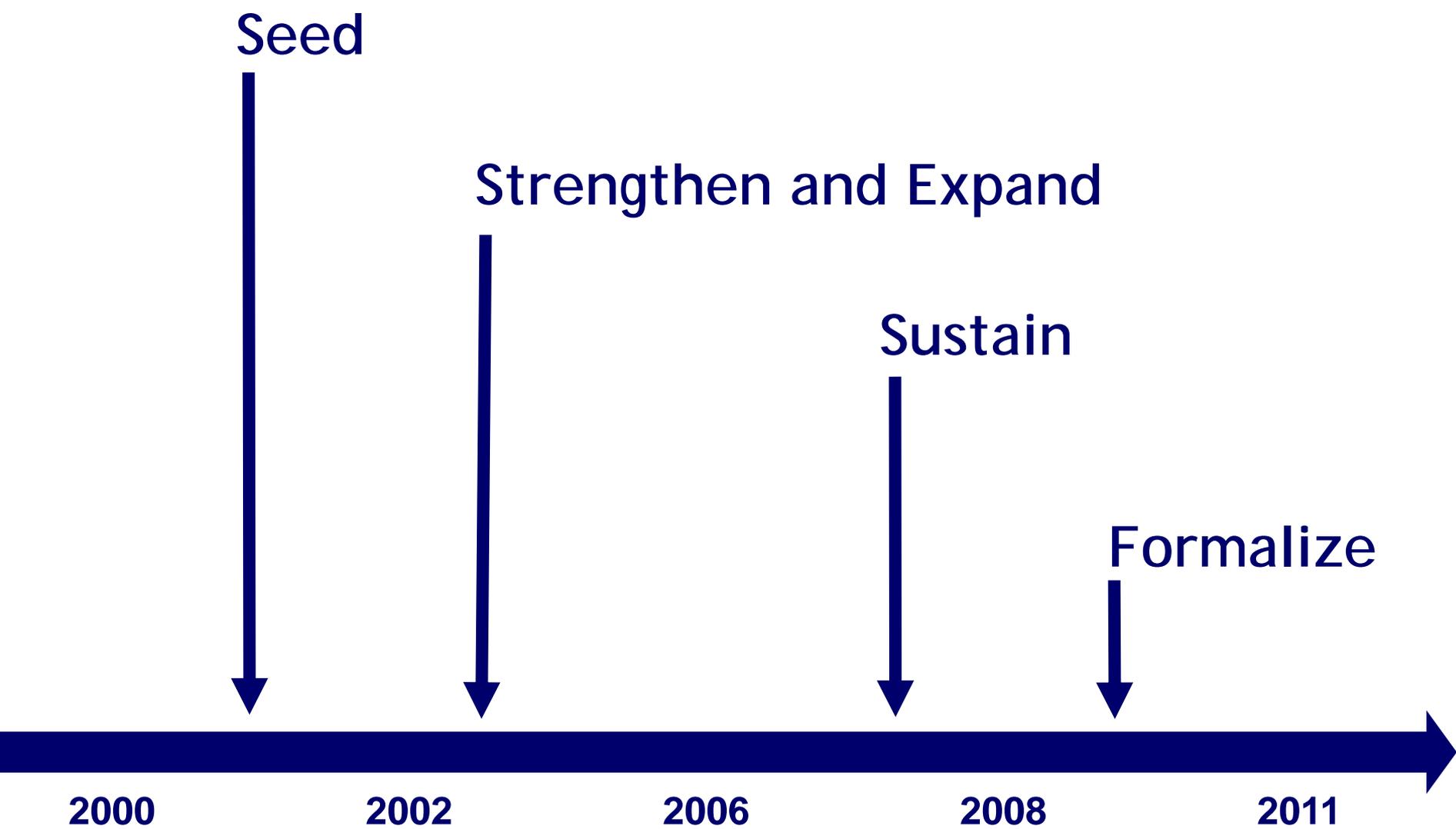
2006

2008

2011



# Phases of Digital Preservation Network Formation





# 2002-2005

## Seed the Network

- Catalyze partnerships
  - Cooperative agreements with 8 consortia to identify, select and collect at-risk digital content
- Identify affinities
  - Content
  - Technical Architecture
  - Rights
  - Sustainability

2000

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# 2006-2008

## Strengthen and Expand the Network

- Catalyze a network
- Add States and Commercial Content communities
- Identify roles within network
- Focus on tools & services for the network

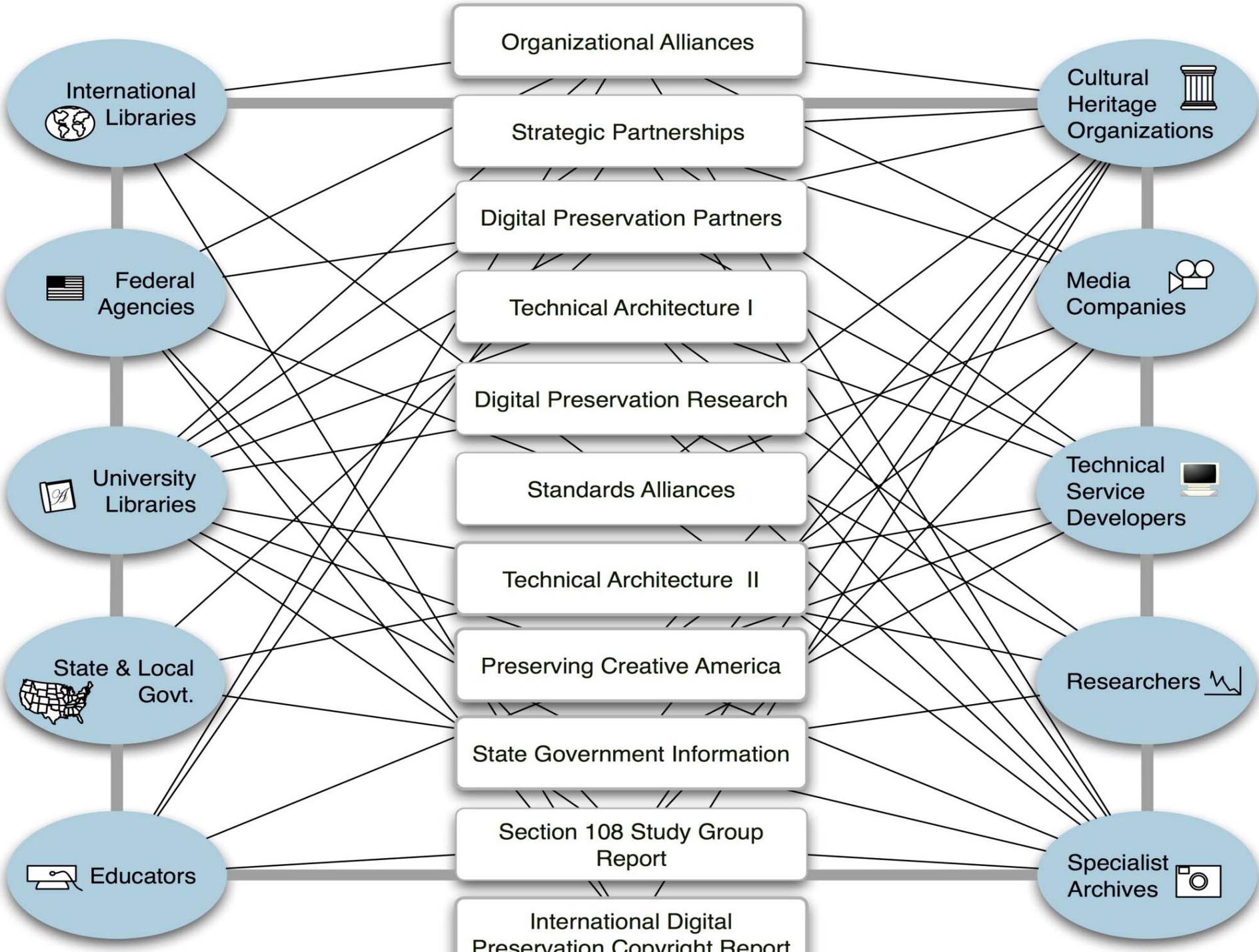
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# 2008-2010

## Sustain the Network

- Develop and formalize network roles
- Focus on
  - Sustainability
  - Interoperability
  - Access

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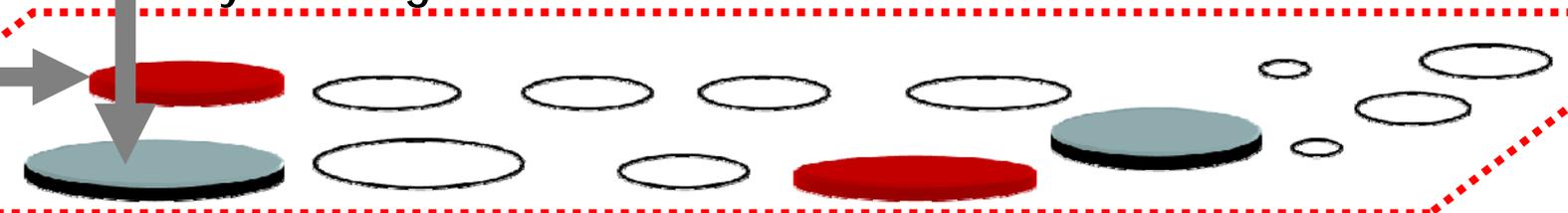
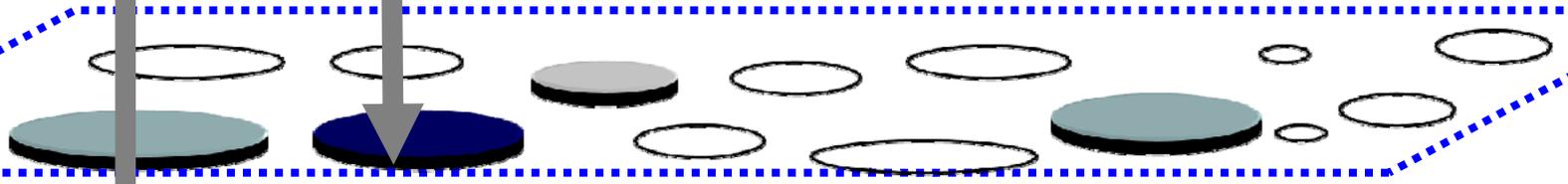
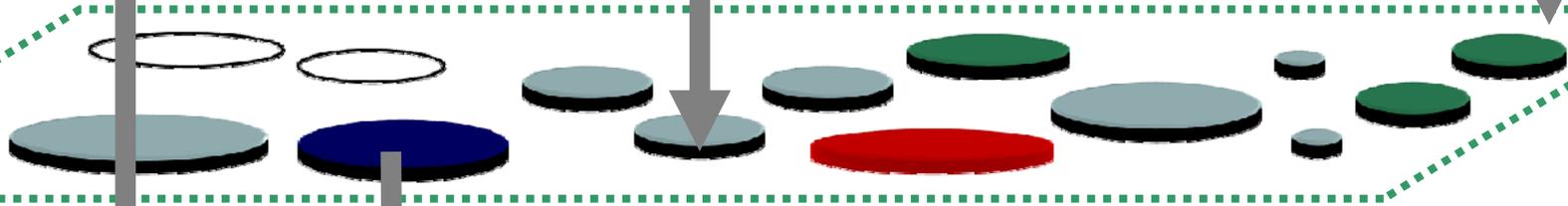
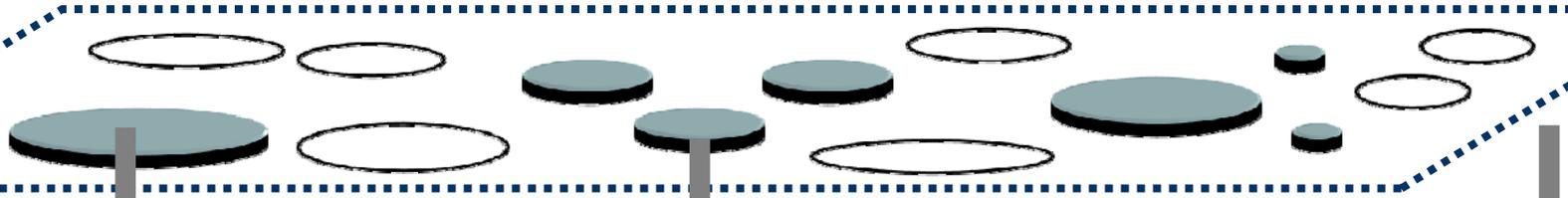
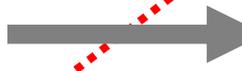
# Roles in the Stewardship Network

Committed Content Custodians

Communities of Practice and Information Exchange

Services

Capacity Building



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# Lessons from the network

## *“Learn by doing”*

- Ownership of digital preservation challenge must be distributed
- Benefits of shared expertise and resources can be gained through collaboration
- NDIIPP network has been emergent, not designed
- Organizational models depend upon strength of leadership and commitment of members
- The Library is regarded as a trusted broker and convener
- Trust is built by working toward a common goal

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# 2010-2013

## Formalize the network

- Charter a digital stewardship alliance
- Commit to formalized roles and structure within alliance
- Focus on a national digital preservation agenda

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# National Digital Stewardship Alliance

Summer 2010

Founding memberships

Fall 2010

Organizing sessions

Winter 2010

Working Groups

Spring 2011

Outreach and expansion

Summer 2011

Annual Meeting

2000

2002

2006

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## For more information

<http://www.digitalpreservation.gov/ndsa/>

Also see:

**Kwon, Pardo, Burke. Interorganizational collaboration and community building for the preservation of state government digital information: Lessons from NDIIPP state partnership initiative. Government Information Quarterly 26(2009) 186-192.**

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# Collaborative networks

- Open
- Closed
- Flat
- Hierarchical
- Centralized
- Distributed
- Strong leadership
- Shared responsibility

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- What motivates members?**
- How can action be sustained?**
- What are benefits?**
- When are networks ineffective?**
- Is there an ideal number of members for a network to be effective?**
- What are some organizational models?**
- How much structure is necessary?**

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