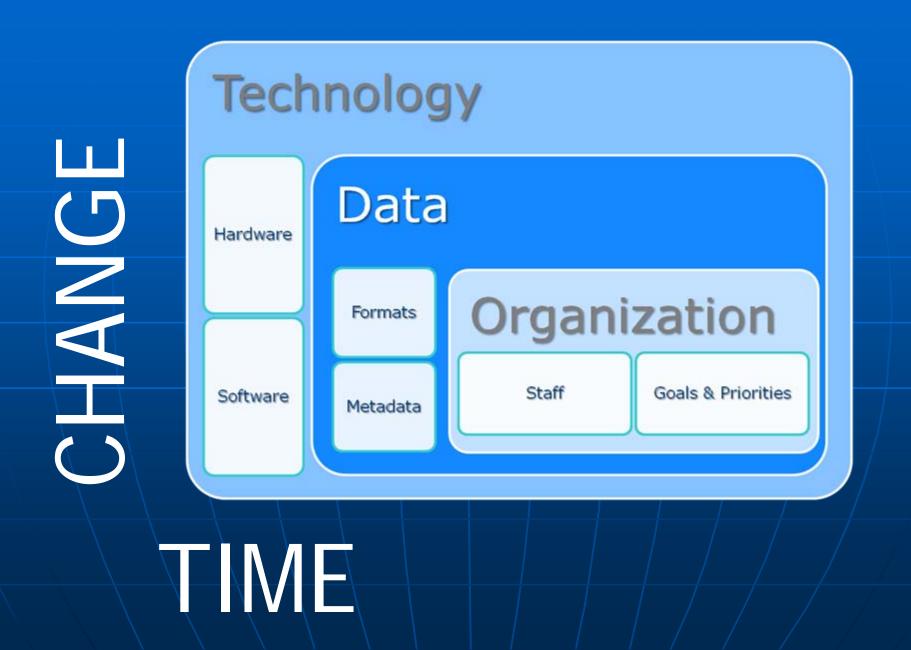
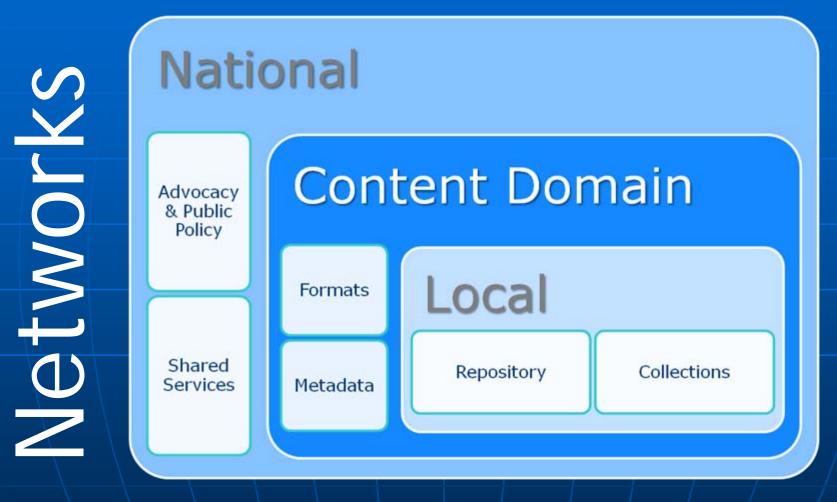
Risk and Response Lessons from the National Digital Information Infrastructure and Preservation Program

> Martha Anderson, Director NDIIPP Program Management The Library of Congress

Everything should be made as simple as possible, but not one bit simpler.

Einstein





Stewardship



Technology
Legal
Ownership
Resources

Metadata
Value
Organization
Expertise



Catalytic

Take early actionSupport new ideas

Collaborative

 Engage willing partners in areas of mutual interest and expertise
 Consult key stakeholders

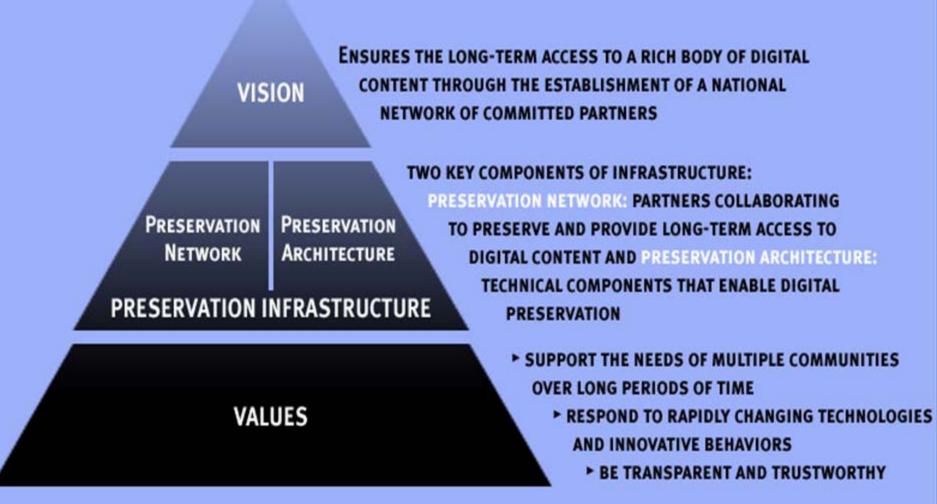
Iterative

Learn from fact finding, planning and testing Phase investments and incorporate results back into the cycle Strategic Address broad spectrum of issues Balance short term and long term actions

MISSION

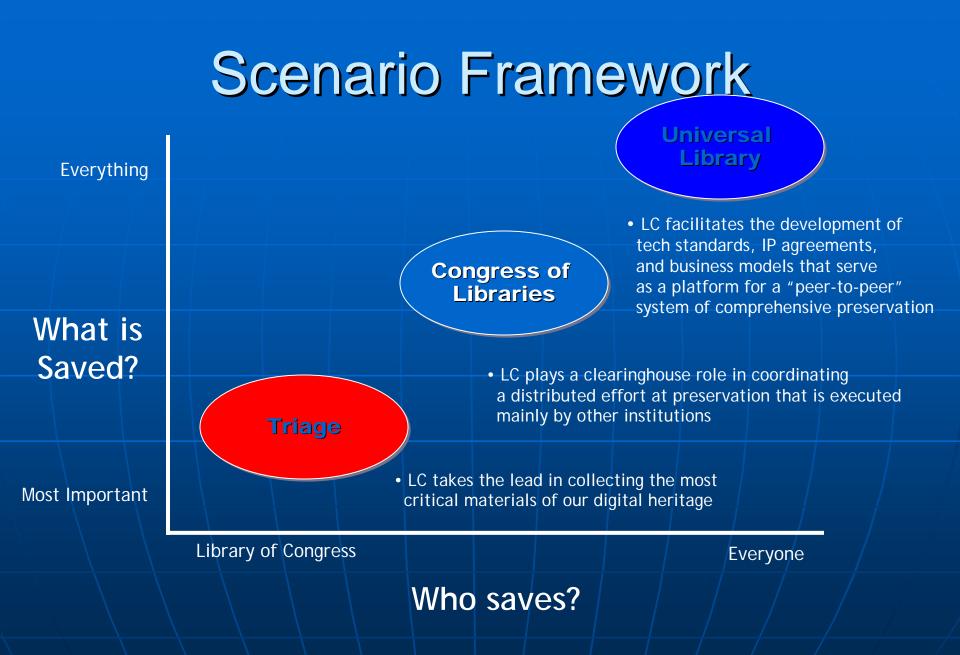
To ensure access over time to a rich body of digital content through the establishment of a national network of partners committed to selecting, collecting and preserving at-risk digital information

A Network of People An Architecture for Preservation

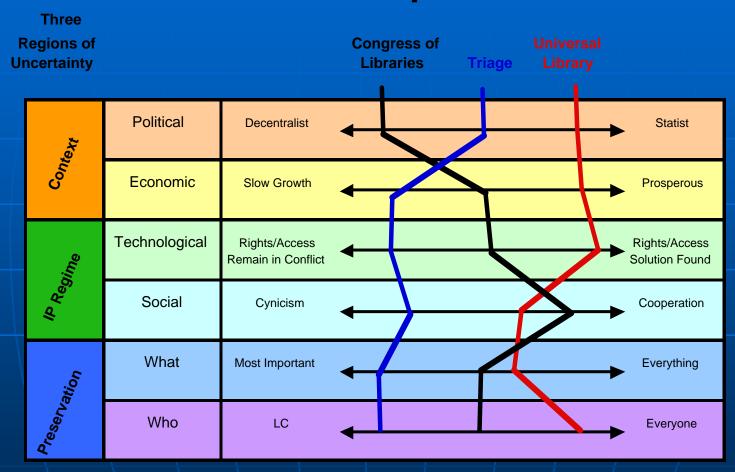


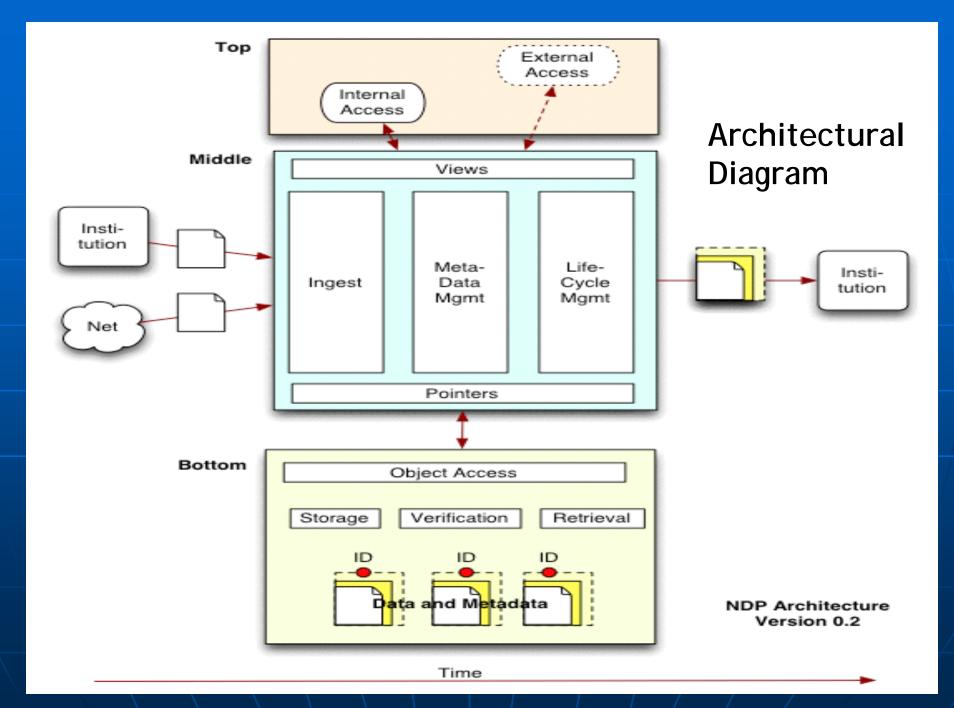
LESSONS

Take time to plan.



Scenario Implications





LESSONS

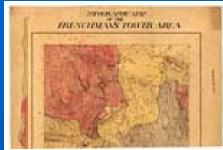
Shared focus is a critical success factor for partner networks.

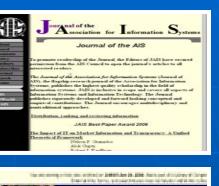
IBM informal network study, 2007

CONTENT TYPES









N.P.A., Maisee Harvard Social Security Survey (May 20, 1999) 4-1

Excellence of load to industry process with objective from the concertion subjects day point if his is a mercer blanks...

M ...You will get upme kneedits, but not all that are currently provided

14 "Nourwill get more of the Social Security Sendits that are currently provided.

Deciliaread





SENATE SENATE

Images and Text Audio Visual

Geospatial

Web Sites

Public Television... Film footage of the early Beatles, from the archives of PBS



Southern Culture... Vocational students in 1926, from the collections of Auburn University



Foreign News Broadcasts... Al-Jazeera, from SCOLA partnership. Used by Congress and other policymakers.



History of American Politics... Web 2002 Archives





HOHE

EVENTS ON THE ISSUES ACCOMPLIANCEMENTS VOLUNTEER CENTER HULTHEDIA CENTER OST THE BUS OET LOCAL PRESERCOM ABOUT PALS CONTACT REGISTER TO YOTE EDMARCE

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Join



YOU CAN HELP WELLSTONE WINI DONATE NOW

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Histori, Larmaigs Imarca Befarro Fanten, Dr

Paul Wellstone: You Can Count on Him to Fight for You





Wellstone Visits with Voters in Elk River October 24, Elk River, MN

Today, Paul Wellstone brought his Green Bus to Daddy-O's Cafe in Elk River for a good old-fashioned campaign stop with supporters. Wellstone talked with folks there about the importance of fighting for education, jobs, and affordable healthcare.

What People are Saying About Sen. Wellstone

State can't afford to lose Sen. Wellstone The Fargo Forum, October 23, 2002

Menaneta unlant - he aware that then

1

What's New on Wellstone.org

- Listen to Dar Nevent Radie Ads
- Wellstone.org.Adds.terre.College.Section
- Another Positive Wallstone Ad "Romonre"

Other Recent Top News

- Wellstein Debates the Issues in Saint Good
- » Mexecota Firefighters Endorse Wellstone for U.S. Senate
- Wellictone Works to Pasters Consumer Confidence

Sign up to take Election Day off of work to help us Get-Out-The-Vote!



You Decide Whom You can Trust to Protect Social Security

Set the Facts and Read the Complete Record about Norm Coleman's Long-Standing Support for the Partial Privatization of Social Security.

lick for Dotails.

Kids Come First -

Sen. Wellstone's Education Plan

Federal Education Funding Before Additional Tax Breaks for the Wealthy, Paul is fighting to put \$2 billion over ten

Geospatial Information... Useful for studying demographics, populations



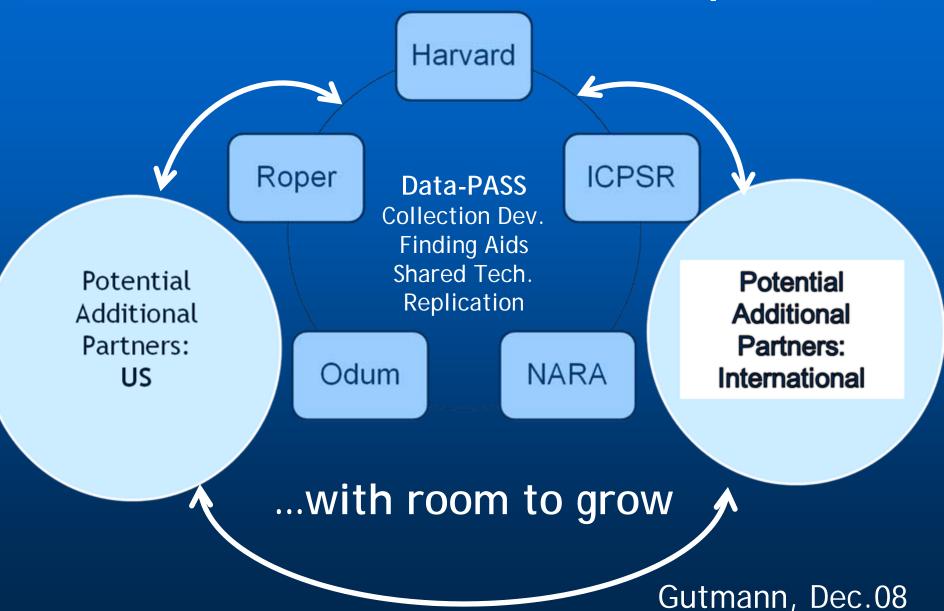
Business Records... History of the Dot-Com Era of the 1990s

Brobeck, Phleger & Harrison



- Prestigious San Francisco Law Firm
 - Represented ~2,000 tech clients in 1990s
- Filed for Bankruptcy, 2003
 - Paper records span 77 years, extend to 200,000 boxes
 - Digital records span 9 years, extend to 2.5-4.0 Tb (~20-40M pages of text)
- Preservation via Closed Archive
 - Established by Court Order, August 2006
 - www.brobeckclosedarchive.org

The Data-PASS Network is Simple...

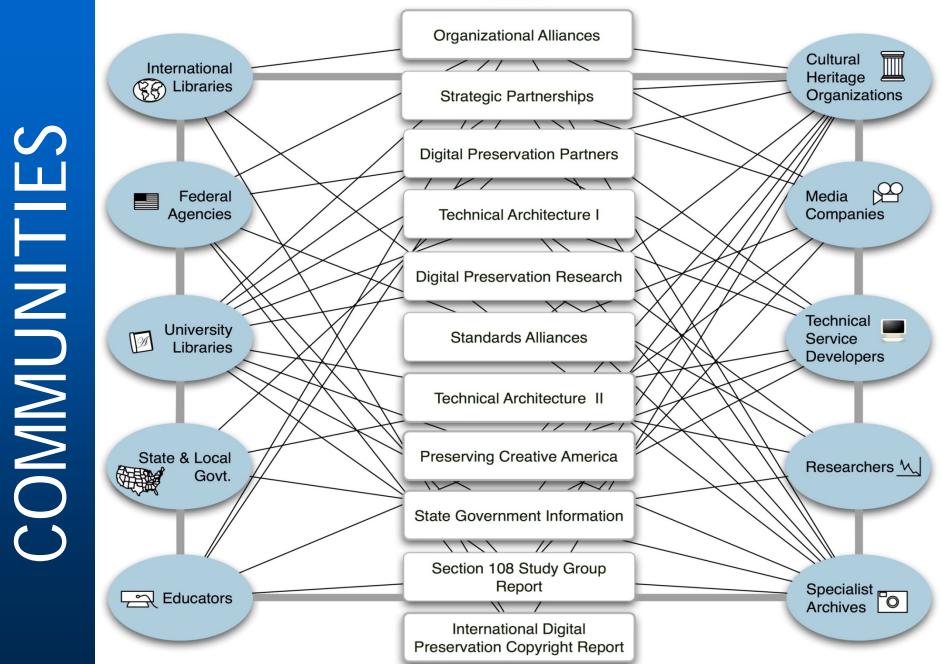


LESSONS

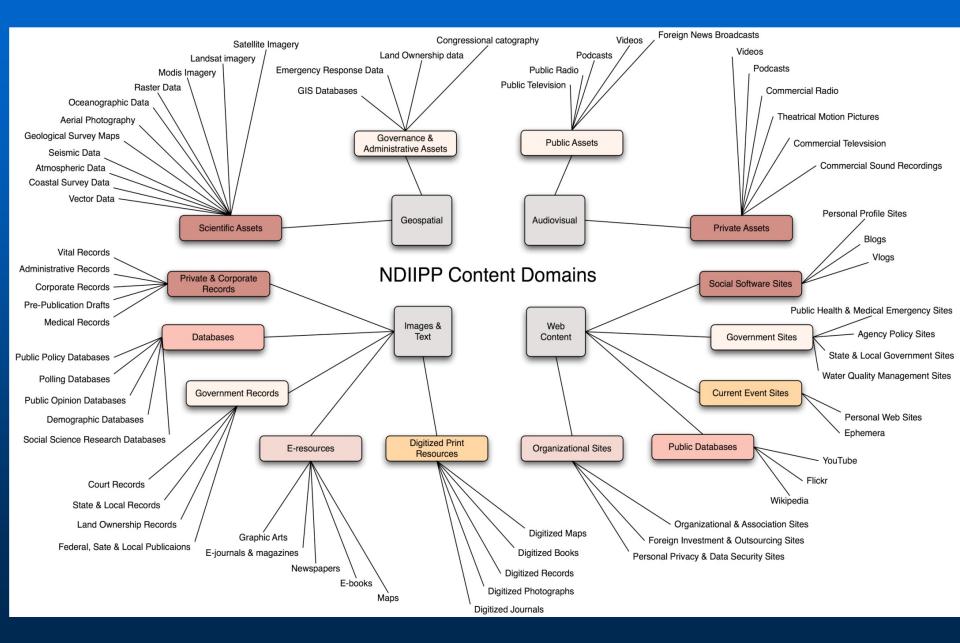
Diversity works for, *and against*, you.

2008

Initiatives



CONTENT: Bridging Diverse Domains



Activity

Web Archives Audiovisual Confidentiality & Privacy Copyright Data Transfer Distributed Storage Geospatial Data Government Information Privacy & Confidentiality Standards & Best Practices Sustainability Text & Image Web Archives

WHO . WHEN . WHERE

19 Projects filtered from 184 originally (Reset All Filters)

1 result out of 19 cannot be plotted.



ACCESS



7 Items

sorted by: title; then by... \bullet ${\mathscr O}$ grouped as sorted



California Wildfire Web Archive

This collection contains an archived list of date captured web sites covering the 2007 California wildfires. The following example provides a new way of viewing the data leveraging the Recollection platform.

2009-03-02



Public analysished and an and an and

Library of Congress Web Archive: 2006 California Elections

The Election Web Archives are selective collections of content archived during the 2006 elections. The following example provides a new way of viewing the data leveraging the Recollection platform.

2009-03-02

Ph. Tahut

National Digital Information Infrastructure



Tags

84

1930's 2004 2007 Aerial Photographics

California Candidates

Elections International Kentucky Mountain Life NDIIPP Partners Opinion Polls Photography Television Web Sites Wildfires

Collection Type



Organization

্য	California Digital	-
	Library	
-1	Library of Congress	
1	National Digital	_



1.

GEOGRAPHY



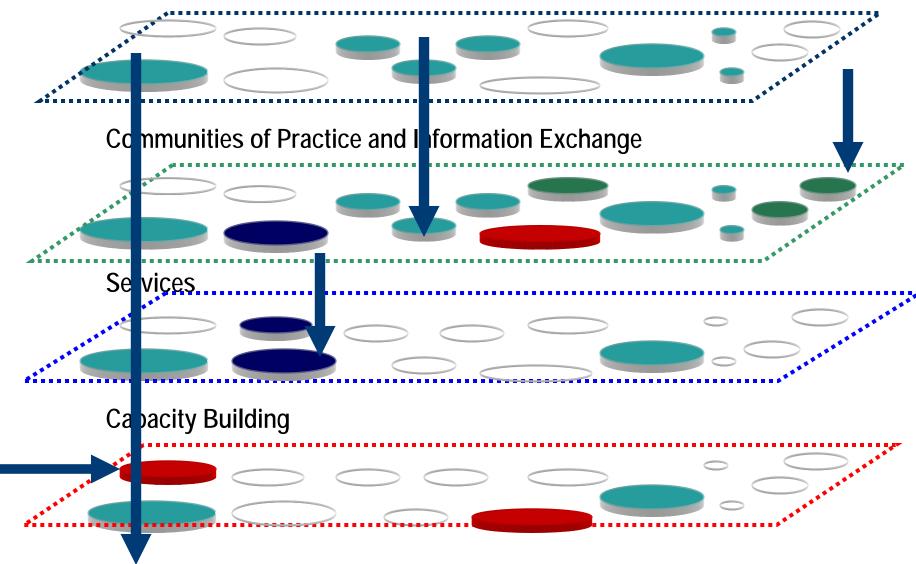
NDIIPP PARTNERS

LESSONS

Within a preservation network, an organization may take on one or more roles.

Roles in the Stewardship Network

Committed Content Custodians



LESSONS

Organizational models depend upon strength of leadership and commitment

Centralized distributed

- Strong leadership
- Members unsure of long-term commitment
- Shared cost & expertise
- May not encourage ownership

Webb,2003

More equally distributed

No leader

Members willing to share responsibility
Share costs & expertise
Difficult to

establish effective
leadership

Webb,2003

Highly distributed

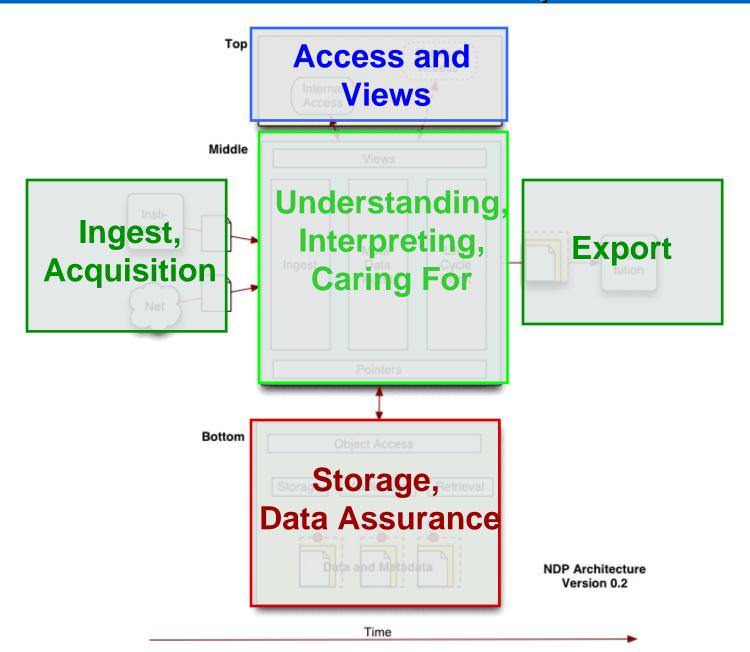
Webb, 2003

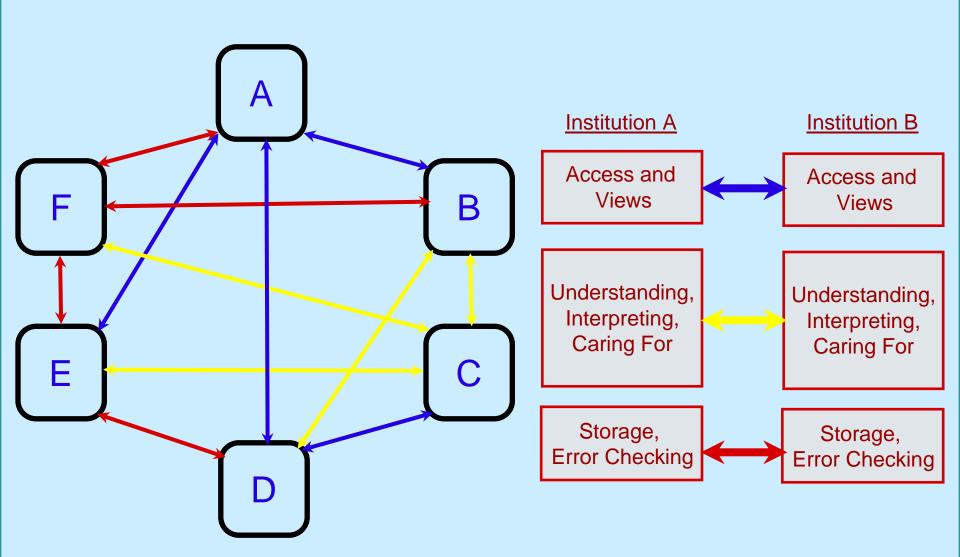
Coordinator
 Members have
 limited responsibility
 Provides starting point
 High costs

LESSONS

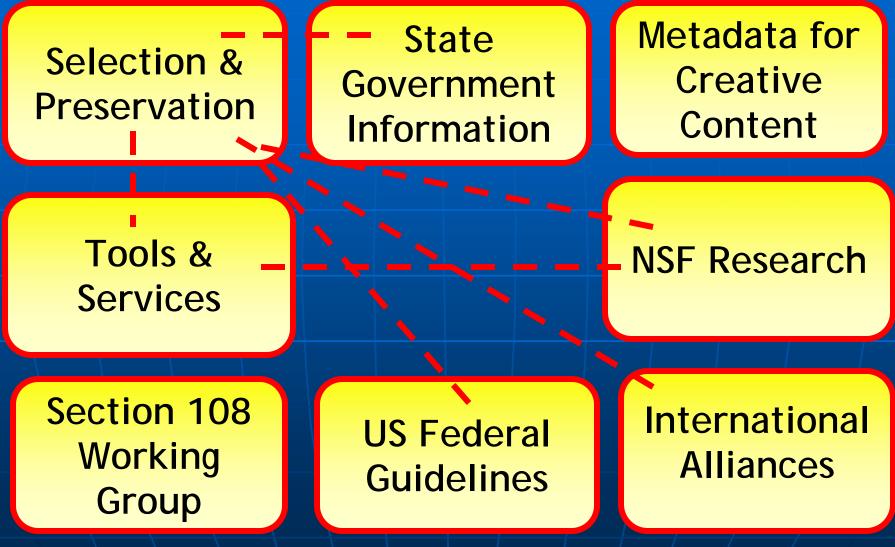
No one organization can meet the challenge alone.

Architecture of Cooperation





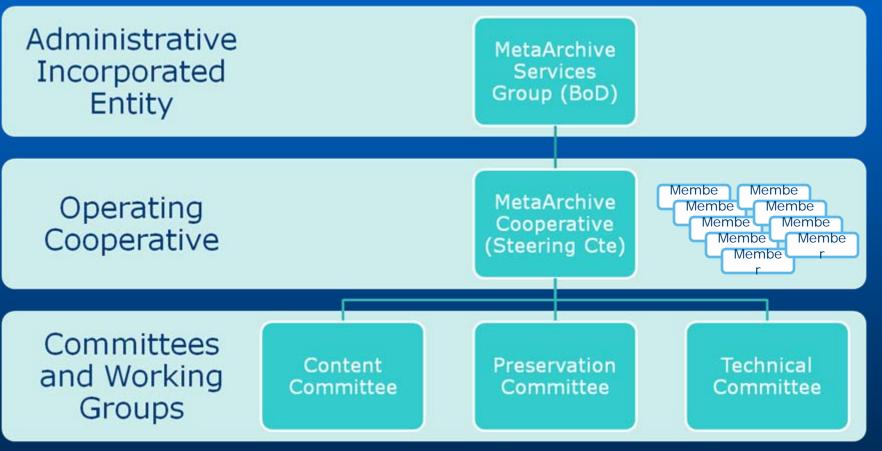
Initiatives and Actions



LESSONS

Interoperability is not only for technology and data.

MetaArchive Cooperative



Halbert, December 08

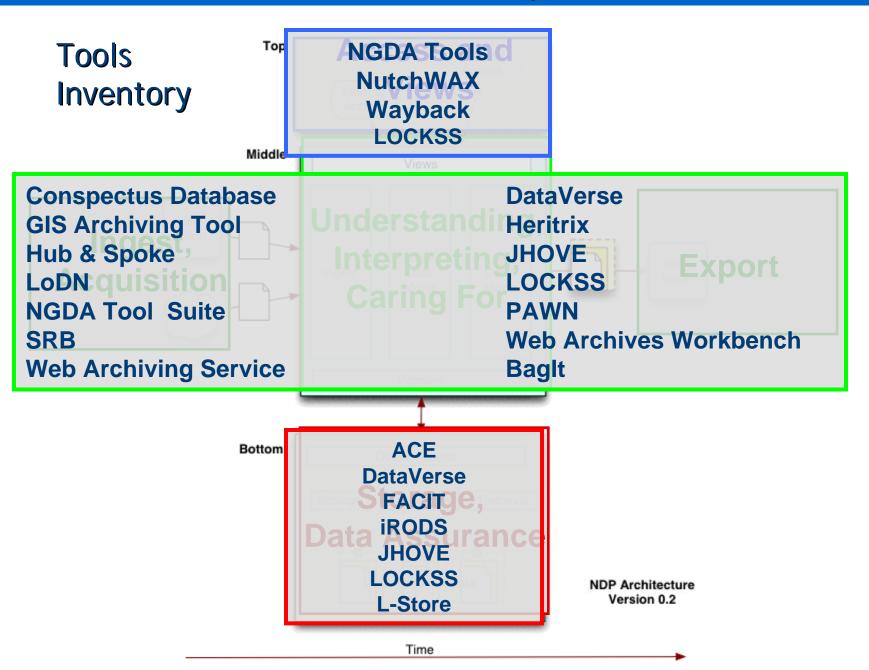
LESSONS

Keep it simple.

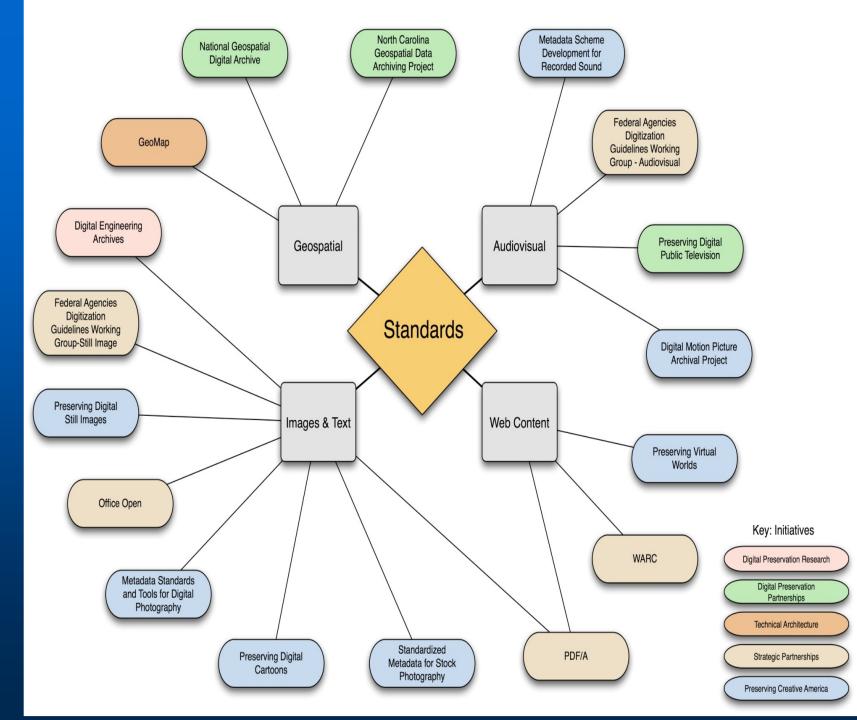
Tools for Transfer a transfer spec and an Open Source project for tools



Architecture of Cooperation



STANDARDS

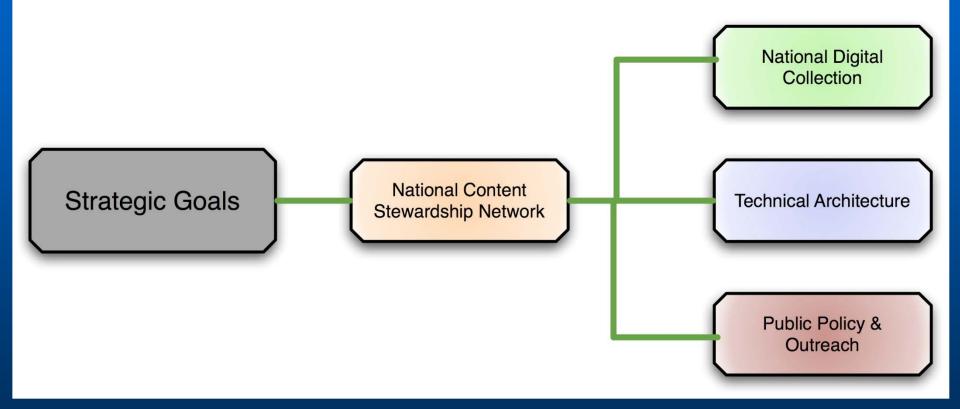


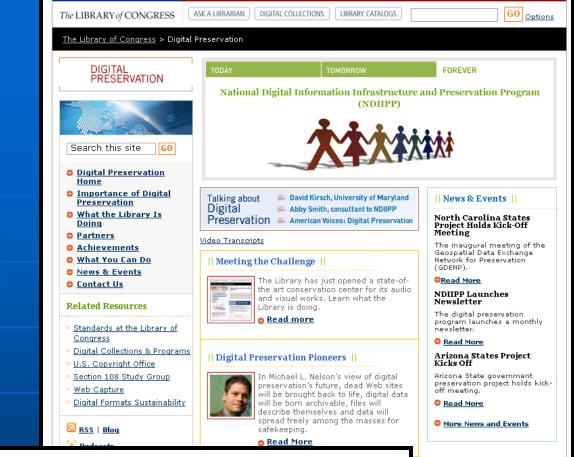
The network learned to Take early action Work locally, share globally Build upon existing work Collaborate in competitive environments Handle complexity with simplicity

LESSONS

It is time to charter a national network.

National Digital Preservation Strategy





NDIIPP Web Site http://www.digitalpreservation.gov/

|| Did You Know? ||



Did you know that digital materials can be more difficult to preserve than physical ones?

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