PORTICO

Preserving Locally Created Collections:
Update on Portico Pilot Project

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Preserving Locally Created Library Collections

- Libraries have growing collections of locally created / digitized electronic scholarly content. Typically organized within institutional repositories.

- Librarians expressed concerns about long-term preservation of materials.

- Fall 2008: Portico initiated a pilot project to assess the content types maintained by libraries with the goal of developing a local preservation service.

Pilot Project with 14 Libraries

Work plan consisted of:

- Interviews

- Content examination

1. Baylor University
2. Binghamton University
3. Brigham Young University
4. Cal State Polytechnic University, Pomona
5. Case Western
6. City University of New York
7. Colorado State University
8. McMaster University
9. Middlebury College
10. Northwestern University
11. Trinity College Dublin
12. University of British Columbia
13. University of Queensland
14. Vassar College

Observations

- Many institutional repositories in use

Platform	No.
CONTENTdm	8
DSpace	5
Static web pages	4
Fedora	3
MDID (Madison Digital Image Database)	2
OJS (Open Journal Systems)	2
Six others at single instance	1

Observations

- Many institutional repositories in use

- Lots of content!

Digitized special collections:
✓Photographs (historical and art slide collections), maps, illustrations, postcards, posters, and architectural images.
✓History of the institution
✓Out-of-copyright books
✓Collections of letters, diaries, sheet music, medieval manuscripts, historical newsletters, rare books, and pamphlets
✓Multilingual collections of texts
✓Manuscripts, reports, and state and local documents
✓Glass plate negatives and photographic plates
✓Brain scans and x-rays
✓Oral histories
✓Institutional publications

Trends

- A majority of institutions use content management software that does not require development or significant maintenance.

- A majority of institutions are managing more than one content management software package

- A number of institutions stack software packages to coordinate the full spectrum of functionality they need

- A number of libraries are participating in collaborative or hosted repositories, including hosted services

- Nearly all institutions had master copies of objects which were not collocated with the repository or content management system.
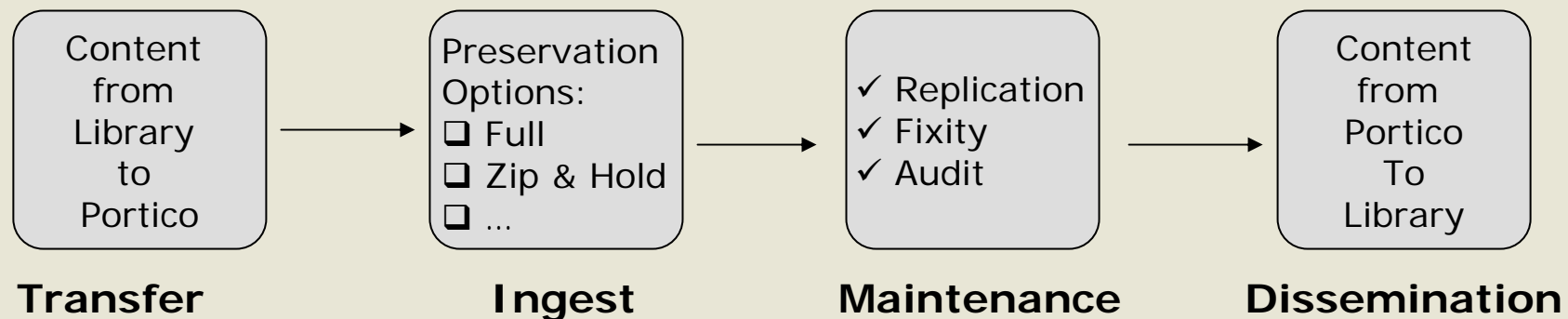
Preservation Concerns

- Require differing levels of preservation concern for different digital objects.

- Concern about what might happen should local funding for maintenance of their digital collections be removed and expressed an interest in a preservation service that included the trigger event concept.

- Concern about the preservation of their institutional records

- Concern about preserving master copies of the content (high resolution video or images) external to the repository that houses the digital collections and the metadata.

Results

- Developed "end-to-end service", recognizing that each institution's potential need to define its own preservation service through configuration of the ingest and migration phase of the preservation process.

Content from Library to Portico	Preservation Options: ❑ Full ❑ Zip & Hold ❑ ...	✓ Replication ✓ Fixity ✓ Audit	Content from Portico To Library
Transfer	**Ingest**	**Maintenance**	**Dissemination**

Preservation Service Components

Ingest Preservation Options

Options	Cost	Demand
Full Preservation	?	?
Full Preservation w/ text migration	?	?
Full preservation w/o objects	?	?
Zip & Hold	?	?

Preservation Options:
❑ Full
❑ Zip & Hold
❑ ...

Ingest

Next Step: More market research