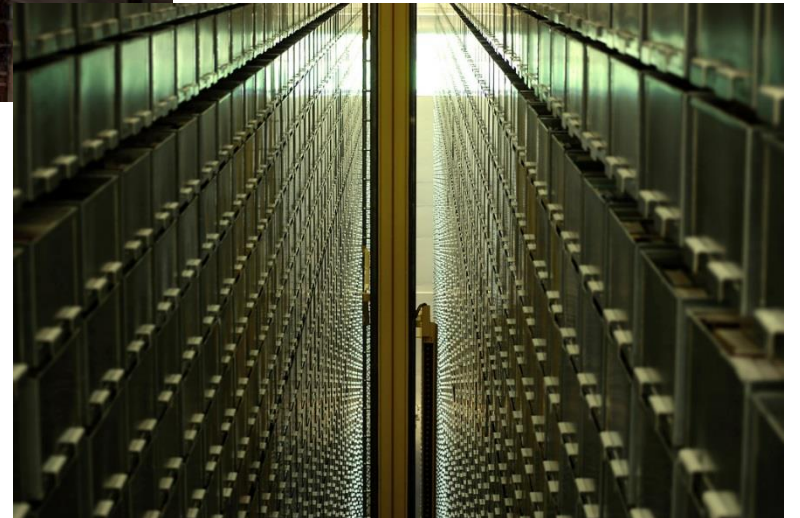
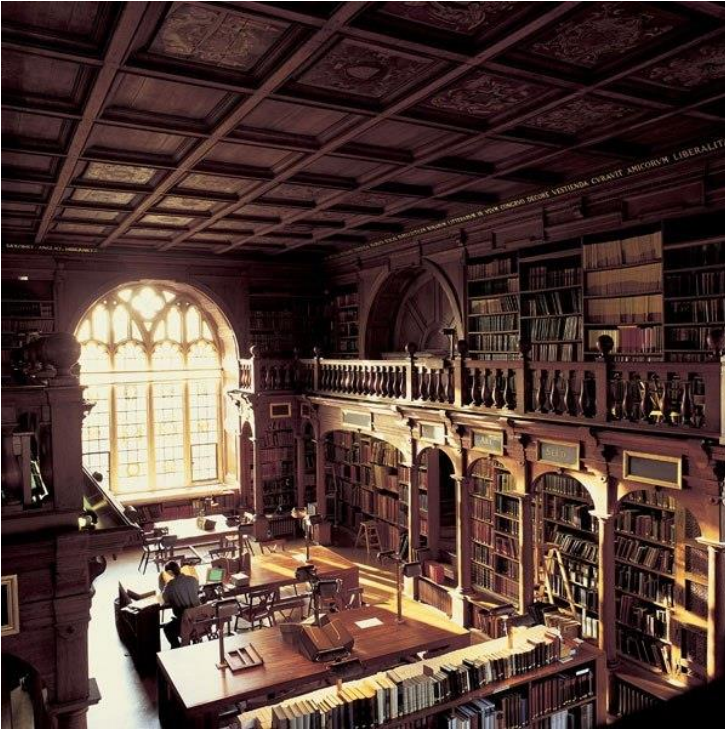




Digital preservation at UVic Libraries

Corey Davis
Systems Librarian

Analog access = preservation



Preservation = Access

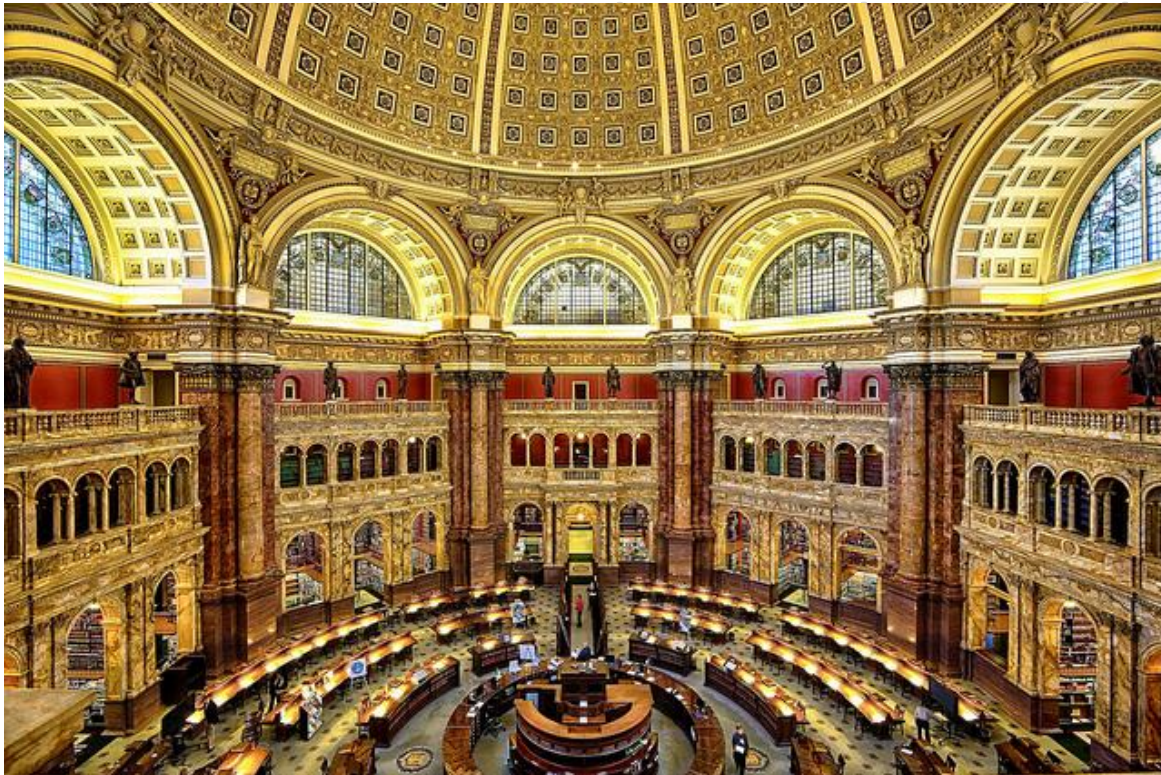
If I have seen further, it is by standing on the shoulders of giants...

- What we have today is only possible because of 'preservation'



<https://commons.wikimedia.org/w/index.php?curid=14901168>

If I have seen further, it is by standing on the shoulders of giants...



<https://commons.wikimedia.org/w/index.php?curid=14901168>

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JM Perrin, HM Winkler, L Yang - The Journal of Academic Librarianship, 2015 - Elsevier

Abstract The dangers that **digital** files face can seem merely the stuff of theory and risk assessment matrices until an institution experiences its first data loss; especially when those **digital** files represent the graduate research output of a university, the potential impact of ...

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Research, Preservation, and Repository Publication Relationships

P Smith - 2016 - diginole.lib.fsu.edu

... The Inter-university Consortium for Political and Social Research (ICPSR) describes **digital** curation as encompassing both data curation and **digital preservation** and "stems from the early days of the DCC [Digital Curation Centre]" (McGovern, 2011) and the Joint Information ...

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Are we good digital stewards?: a proposal to create and implement digital preservation policies, practices, metrics, and educational outreach for the University of ...

..., University of Missouri Digital Library Working Group - 2015 - mospace.umsystem.edu

Providing long-term access to **digital** materials presents unique challenges requiring active stewardship. The librarians and archivists of the University of Missouri System (UM System) collect, curate, describe, and provide access to **digital** materials using specialized skills ...

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umsystem.edu [PDF]

Enhancing the LOCKSS Digital Preservation Technology

DSH Rosenthal, DL Vargas, T Lipkis, C Griffin - D-Lib Magazine, 2015 - dialnet.unirioja.es

Resumen The LOCKSS Program develops and supports libraries using open source peer-to-peer **digital preservation** software. Although initial development and deployment was funded by grants including from NSF and the Mellon Foundation, grant funding is not a ...

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Cite Save

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Resumen The LOCKSS Program develops
peer **digital** preservation software. Althou
by grants including from NSF and the Mello
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- [UM Digital Library \(Legacy system for the University of Missouri\)](#)

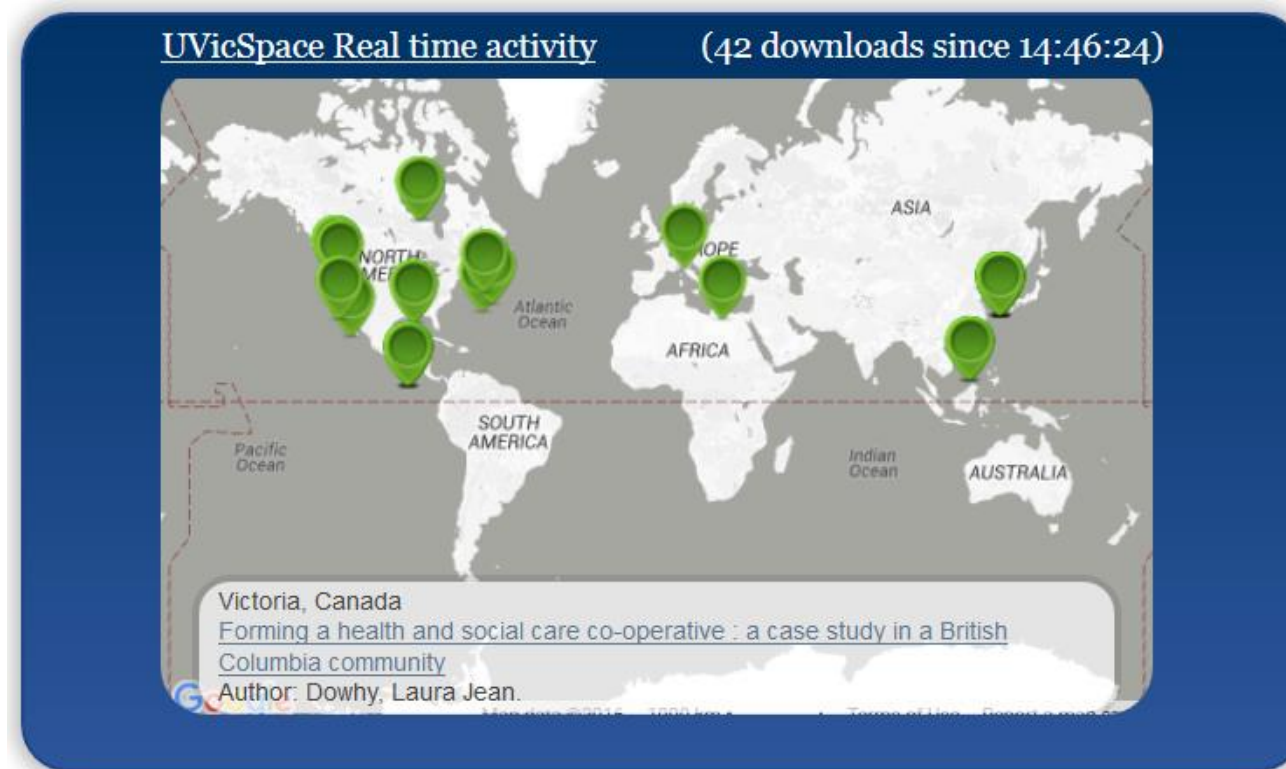
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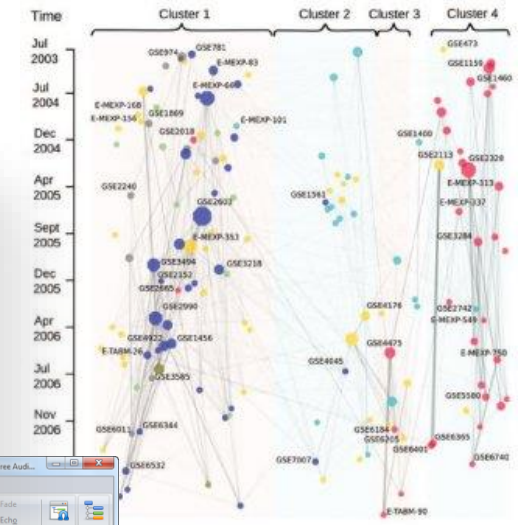
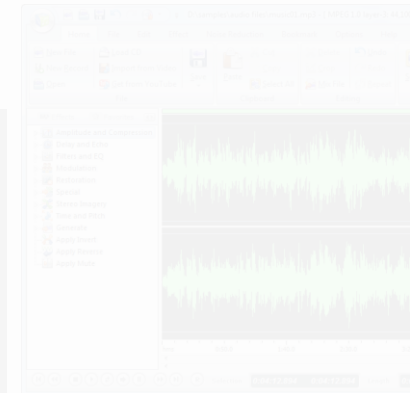
Big impact *in toto*

- “...nearly 58% of the bibliographic references to journal articles were freely available from 229 unique sources [and] academic libraries provide over half of this content...”
 - Sean Burns, 2014
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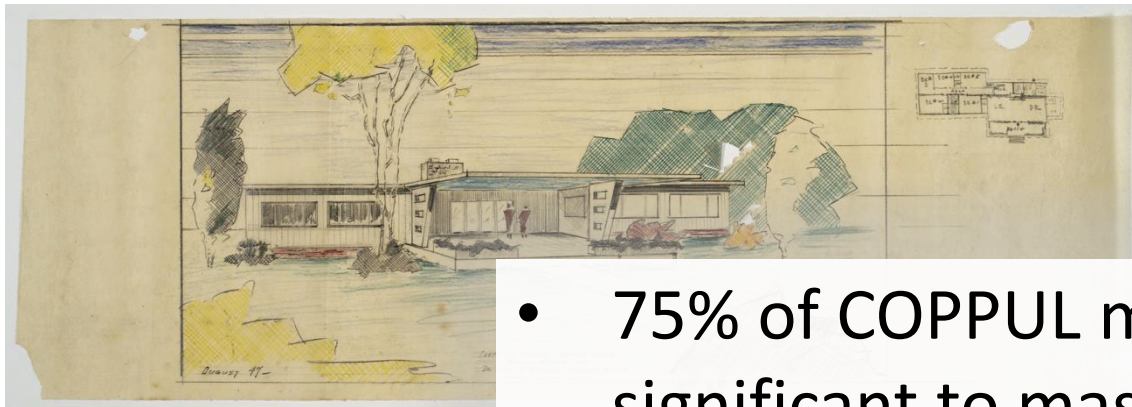


Search Results for Jan 01, 1996 - Jul 29, 2008

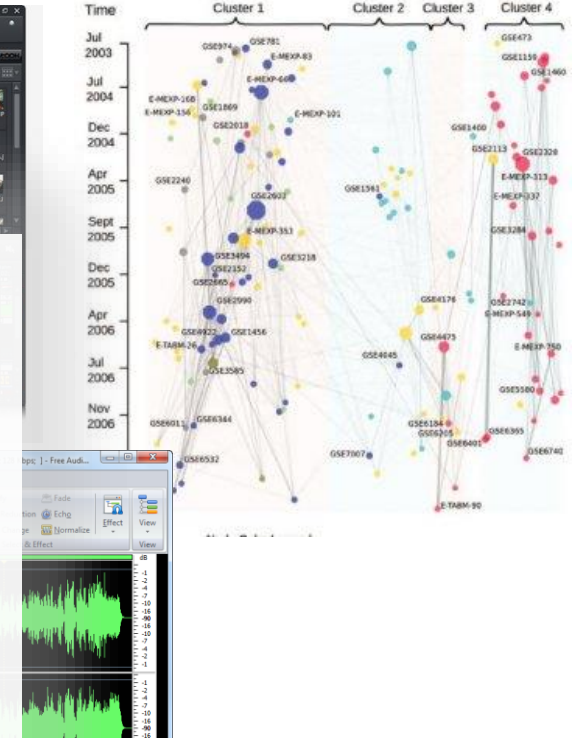
	2000	2001	2002	2003	2004	2005
Pages	73 pages	685 pages	154 pages	61 pages	205 pages	910 pages
Feb 20, 2000	* Jan 18, 2001	* Jan 23, 2002	* Feb 02, 2003	* Jan 03, 2004	* Jan 01, 2005	
Feb 20, 2000	* Jan 19, 2001	* Jan 24, 2002	* Feb 04, 2003	* Jan 13, 2004	* Jan 01, 2005	
Mar 01, 2000	* Jan 19, 2001	* Jan 24, 2002	* Feb 05, 2003	* Jan 21, 2004	* Jan 02, 2005	
Mar 02, 2000	* Jan 19, 2001	* Feb 06, 2002	* Feb 08, 2003	* Jan 26, 2004	* Jan 02, 2005	
Mar 03, 2000	* Jan 19, 2001	* Feb 22, 2002	* Feb 14, 2003	* Jan 29, 2004	* Jan 03, 2005	
Mar 04, 2000	* Jan 19, 2001	* Feb 23, 2002	* Feb 15, 2003	* Feb 08, 2004	* Jan 05, 2005	
Apr 07, 2000	* Jan 19, 2001	* Mar 31, 2002	* Feb 17, 2003	* Feb 11, 2004	* Jan 06, 2005	
Apr 08, 2000	* Jan 19, 2001	* Apr 02, 2002	* Feb 17, 2003	* Feb 15, 2004	* Jan 06, 2005	
Apr 09, 2000	* Jan 19, 2001	* May 23, 2002	* Mar 24, 2003	* Feb 18, 2004	* Jan 07, 2005	
May 10, 2000	* Feb 01, 2001	* May 25, 2002	* Mar 28, 2003	* Feb 25, 2004	* Jan 07, 2005	
May 10, 2000	* Feb 24, 2001	* Jun 02, 2002	* Mar 29, 2003	* Feb 27, 2004	* Jan 07, 2005	
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May 10, 2000	* Mar 01, 2001	* Jun 05, 2002	* Apr 03, 2003	* Mar 25, 2004	* Jan 09, 2005	
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May 11, 2000	* Apr 01, 2001	* Jul 26, 2002	* May 27, 2003	* Apr 26, 2004	* Jan 16, 2005	

Thesis Advisor:
Dr. Pieter T.J. Johnson, Dept. of Ecology and Evolutionary Biology

Defense Committee:
Dr. Pieter T.J. Johnson, Dept. of Ecology and Evolutionary Biology
Dr. Barbara Denning-Adams, Dept. of Ecology and Evolutionary Biology
Dr. Colleen Scanlan-Lyons, Dept. of Anthropology
Dr. Valerie McKenzie, Dept. of Ecology and Evolutionary Biology



- 75% of COPPUL members anticipate significant to massive growth in locally-stewarded digital materials in the coming 3-5 years.



Search Results for Jan 01, 1996 - Jul 29, 2008

2000	2001	2002	2003	2004	2005
73 pages	685 pages	154 pages	61 pages	205 pages	910 pages
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What is digital preservation?

“...a formal endeavor to ensure that digital information of continuing value remains accessible and usable.”

-Digital Preservation Coalition

“Digital preservation is the active management of digital content over time to ensure ongoing access. ”

-Library of Congress

What is digital preservation?

“...a **formal endeavor** to ensure that digital information of continuing value remains accessible and usable.”

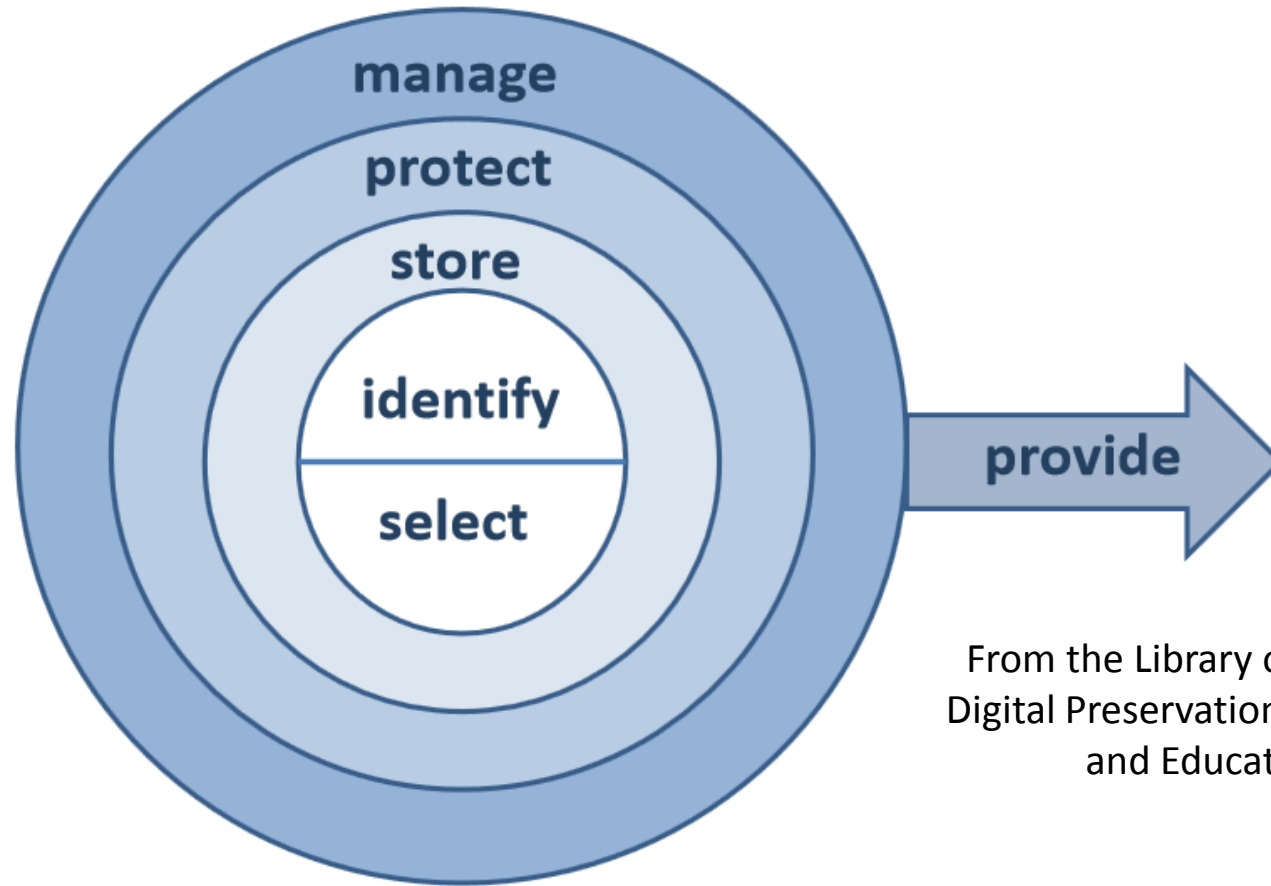
-Digital Preservation Coalition

“Digital preservation is the **active management** of digital content over time to ensure ongoing access. ”

-Library of Congress

Digital preservation consists of...

1. Identification
2. Selection
3. Storing
4. Protecting
5. Managing
6. Providing access



From the Library of Congress
Digital Preservation Outreach
and Education (DPOE)
program

Digital preservation consists of...

1. Identification

2. Selection

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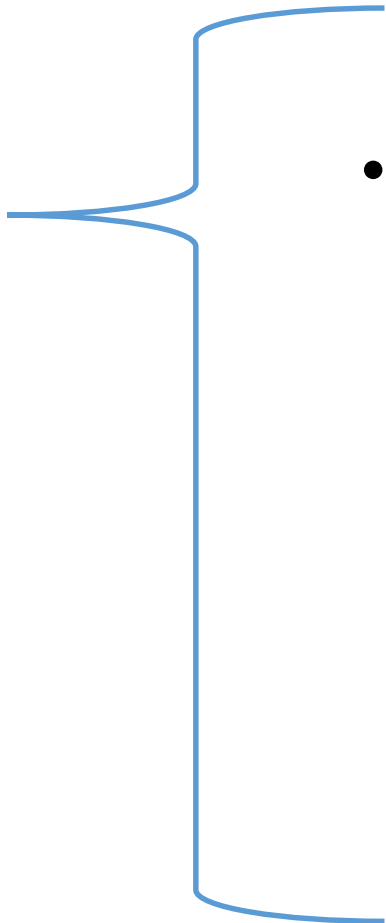
- What digital content do you have?

- Undertake a digital assets inventory

- Identify content type, formats, size, locations, etc.
- Often includes lots of outreach
- Can often lead to other projects

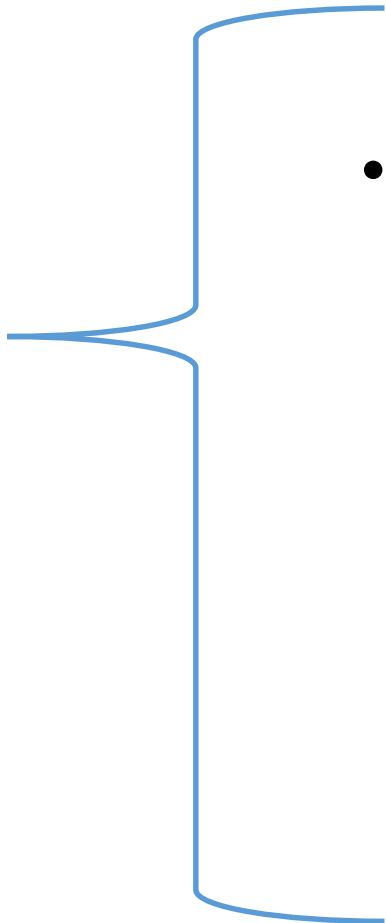
Digital preservation consists of...

1. Identification
2. Selection
3. Storing
4. Protecting
5. Managing
6. Providing access

- 
- What portion of that content will be saved?
 - Selection policies tied to organizational scope
 - Copyright and intellectual property
 - Metadata
 - Formats

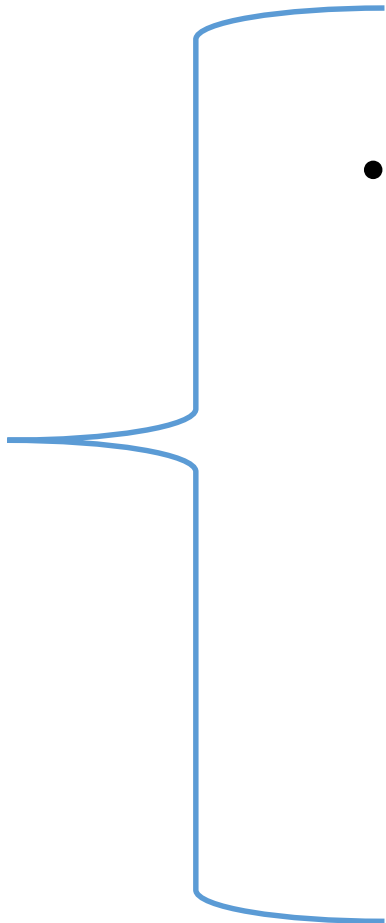
Digital preservation consists of...

1. Identification
2. Selection
3. Storing
4. Protecting
5. Managing
6. Providing access

- 
- What issues are there for long-term storage?
 - Storage management policy
 - Data wrangling
 - Liaising w/ campus IT
 - Partner agreements

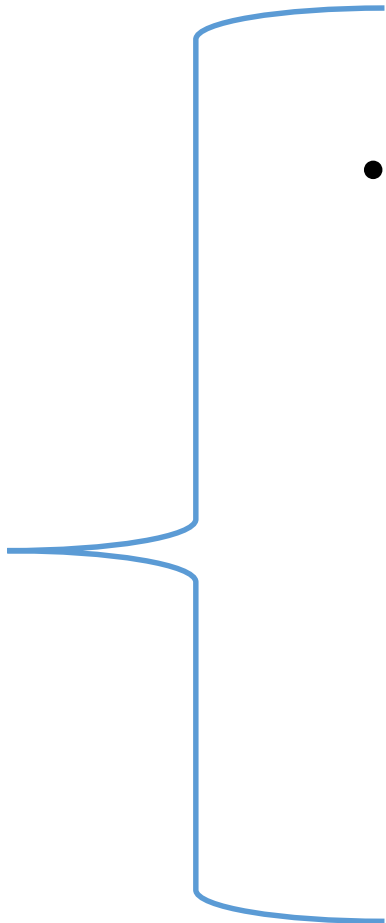
Digital preservation consists of...

1. Identification
2. Selection
3. Storing
- 4. Protecting**
5. Managing
6. Providing access

- 
- What steps are needed to protect digital content?
 - System tools to mitigate against...
 - Obsolescence and bit rot
 - Operator error, hardware failure, disasters, cyberattack

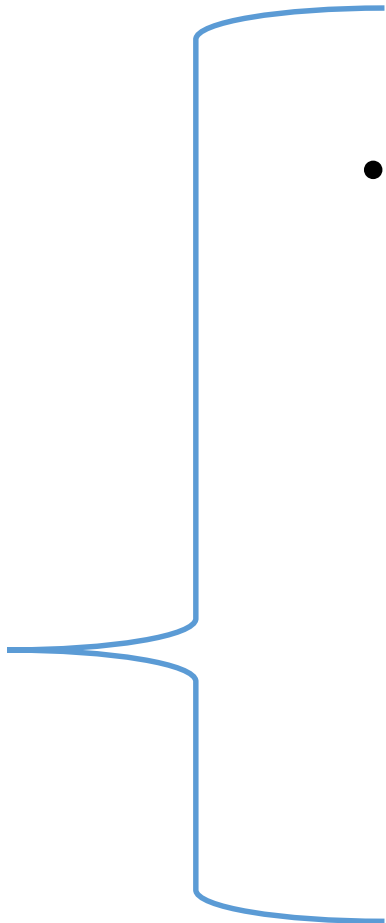
Digital preservation consists of...

1. Identification
2. Selection
3. Storing
4. Protecting
- 5. Managing**
6. Providing access

- 
- What provisions are needed for long-term management?
 - Digital preservation framework
 - Roles and responsibilities
 - Resources for staff, equipment, services
 - Communications and advocacy
 - Etc., etc.

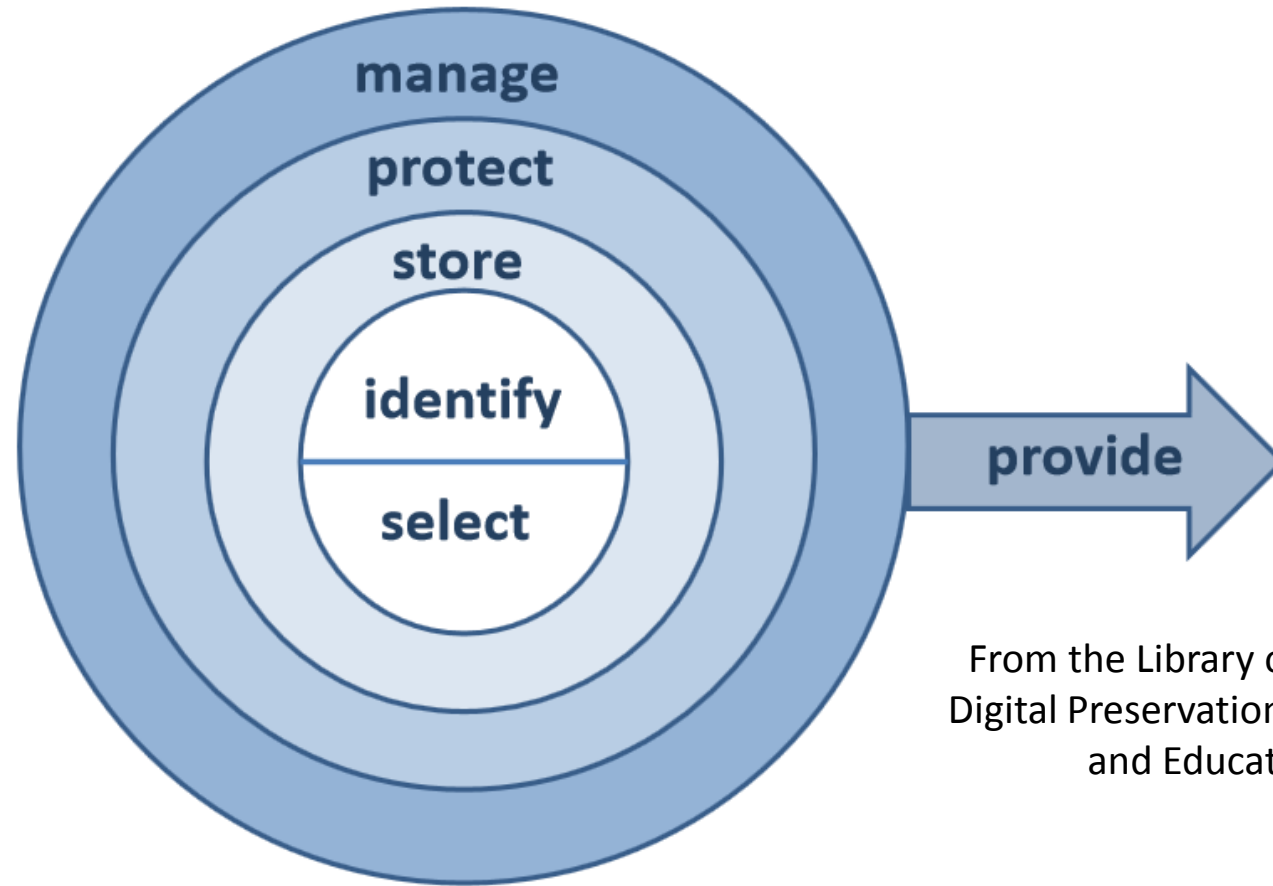
Digital preservation consists of...

1. Identification
2. Selection
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4. Protecting
5. Managing
6. Providing access

- 
- What considerations are there for long-term access?
 - Rights management
 - Format migration and emulation services
 - Preservation metadata
 - Preservation indexing

Digital preservation consists of...

1. Identification
2. Selection
3. Storing
4. Protecting
5. Managing
6. Providing access



From the Library of Congress
Digital Preservation Outreach
and Education (DPOE)
program

What digital preservation is *NOT*

- Digital preservation ≠ backup
- Digital preservation ≠ digitization
- Digital preservation ≠ DSpace

What we're doing at UVic Libraries

- Formation of Digital Preservation Working Group
- Initial content inventory
- Digital preservation framework
- Action plans for specific content groups

Digital Preservation Working Group

- Corey Davis (Chair)
- Dean Seaman
- Heather Dean
- Jane Morrison
- John Durno
- Lisa Goddard

Inventory

1. ETDs
2. High-risk physical holdings in Special Collections and Archives
3. General institutional repository content
4. Already digitized collections
5. Websites
6. Library publications
7. Born-digital and A/V materials in Special Collections and Archives
8. Institutional records
9. Digital content required from commercial vendors

Framework

- [See handouts]
- https://connect.uvic.ca/sites/library/committees/dpwg/_layouts/15/WopiFrame2.aspx?sourcedoc=/sites/library/committees/dpwg/Document/Inventory,%20framework,%20action%20plans/dp-framework.docx&action=default

Action plans

- [see handouts]
- https://connect.uvic.ca/sites/library/committees/dpwg/_layouts/15/WopiFrame2.aspx?sourcedoc=/sites/library/committees/dpwg/Document/Inventory,%20framework,%20action%20plans/dp-etd-action-plan.docx&action=default

How you can get involved...

- Comment on Framework document
- Comment on action plans as they become available
- Do you have valuable digital content you'd like to talk about?

Thanks

- corey@coppul.ca
- (250) 472-5024