INTERNET ARCHIVE
CANADA

Building Canadian Digital Libraries

Brewster Kahle

| Board member
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Internet Archive
Non-Profit Research Library
Est 1996

Internet Archive Canada, Vancouver

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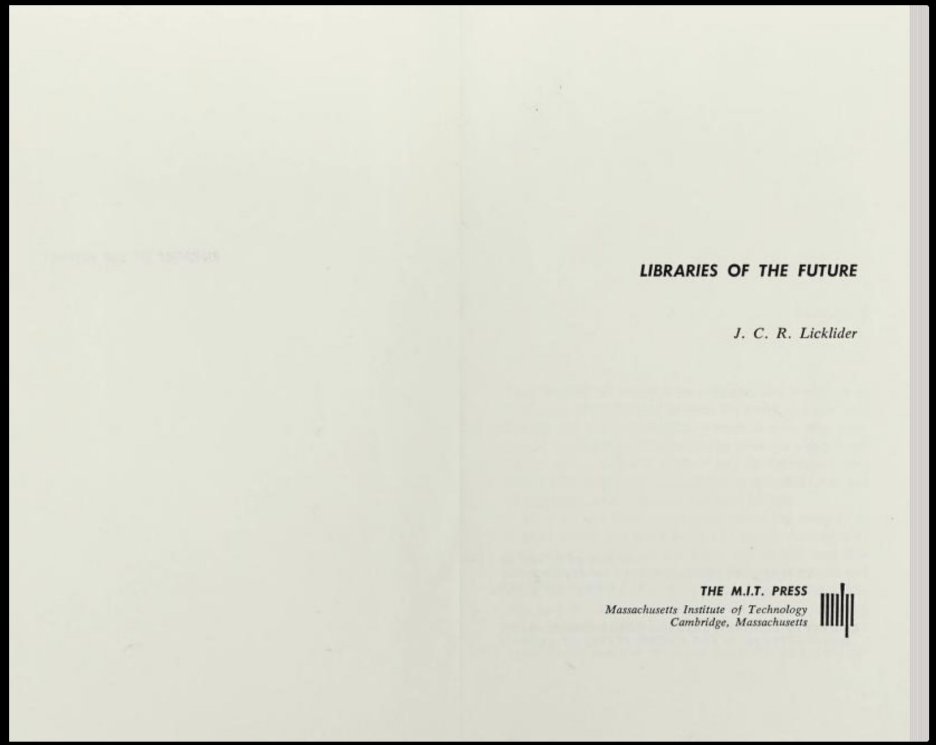

LIBRARIES OF THE FUTURE

J. C. R. Licklider

THE M.I.T. PRESS
Massachusetts Institute of Technology
Cambridge, Massachusetts

(6 of 248)

Libraries of the future

by Licklider, J. C. R

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Publication date 1965
Topics Information storage and retrieval

58 Previews

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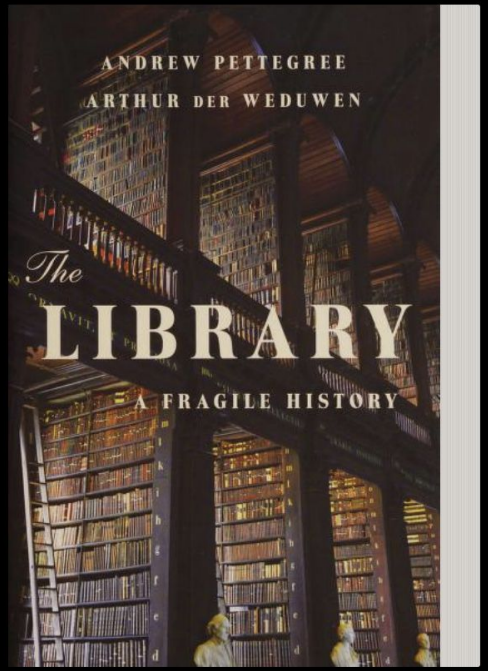

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The library : a fragile history

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US Libraries are Under Attack

Book Bannings (including threats, lawsuits)
Defunding of libraries
License terms are crushing availability and collections
Judiciary is now ruling against libraries regularly

And the Internet Archive

INTERNET AND NEW MEDIA LIBRARIES FREEDOM OF SPEECH

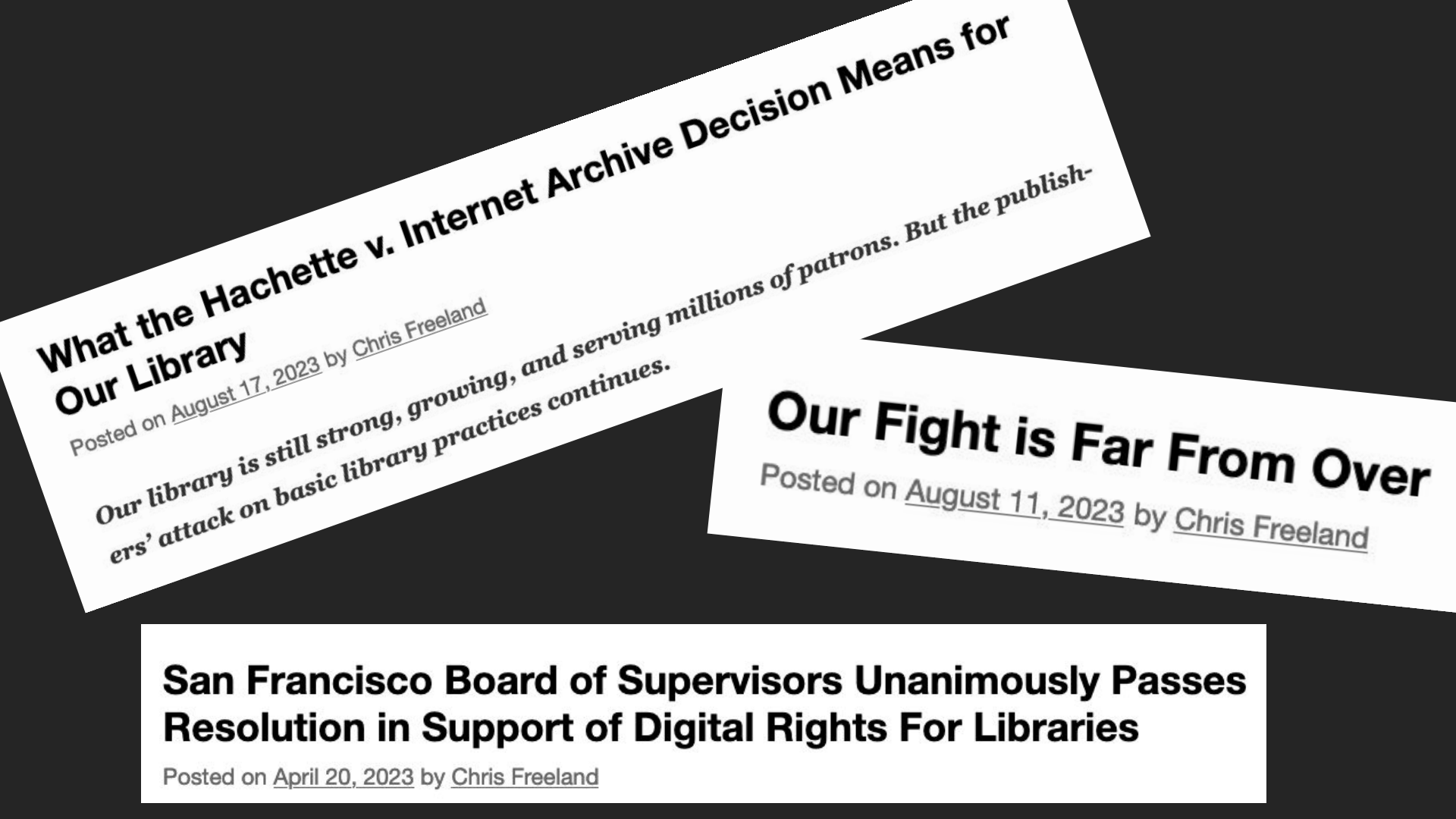
Publishers Are Taking the Internet to Court

In a lawsuit against the Internet Archive, the largest corporations in publishing want to change what it means to own a book.

By Maria Bustillos

SEPTEMBER 10, 2020

https://www.thenation.com/article/society/publishers-are-taking-the-internet-to-court/


What the Hachette v. Internet Archive Decision Means for Our Library
Posted on August 17, 2023 by Chris Freeland
Our library is still strong, growing, and serving millions of patrons. But the publishers' attack on basic library practices continues.
Our Fight is Far From Over
Posted on August 11, 2023 by Chris Freeland
San Francisco Board of Supervisors Unanimously Passes Resolution in Support of Digital Rights For Libraries
Posted on April 20, 2023 by Chris Freeland

Internet Archive Responds to Recording Industry Lawsuit Targeting Obsolete Media

Posted on August 14, 2023 by Chris Freeland

Preserving the Library System: Digital Ownership

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The Guardian

The US library system, once the best in the world, faces death by a thousand cuts

Brewster Kahle

In addition to political censorship and budget cuts, libraries are being undermined by rapacious digital licensing agreements

Mon 9 Oct 2023 06.02 EDT

The Nation.

CULTURE / JULY 18, 2022

You Can't Buy These Books

In their attack on libraries, megapublishers roll a Trojan horse into the courts.

MARIA BUSTILLOS

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IDEAS • BOOKS

I Set Out to Build the Next Library of Alexandria. Now I Wonder: Will There Be Libraries in 25 Years?

IDEAS

BY **BREWSTER KAHLE** OCTOBER 22, 2021 1:21 PM EDT

Kahle, Founder and Digital Librarian of the Internet Archive. Member, National Academy of Engineering, American Academy of Arts and Sciences, and the Internet Hall of Fame

State of US Suits

Peter Routier, Internet Archive

Digital Libraries in Canada?

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Rick Prelinger

Michael Geist

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Andrea Mills

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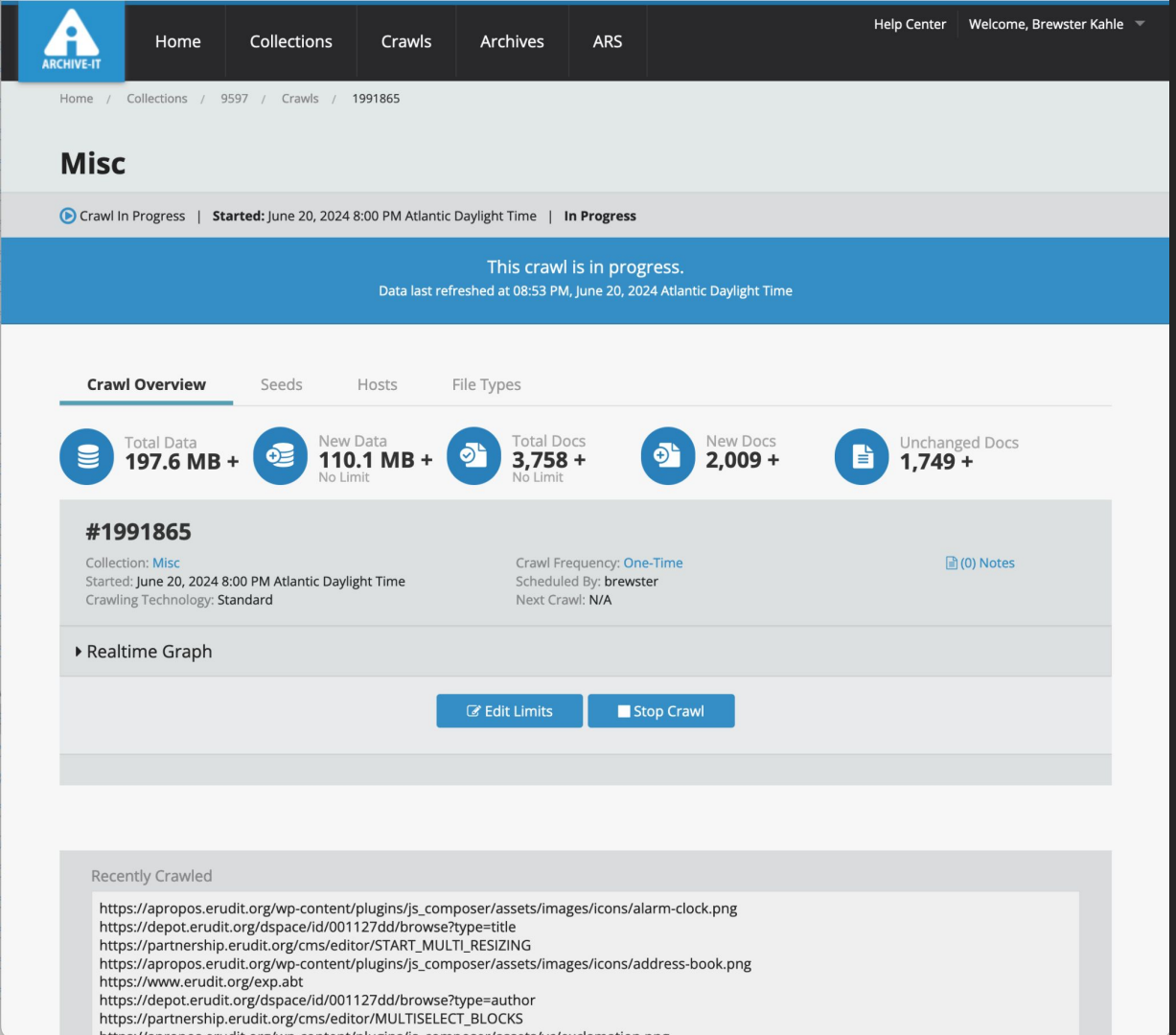
Library and Archives Canada Scribe Launch

Hamilton Public Library Scribe launch

INTERNET ARCHIVE
Digitizing, Together
In the Stacks
VPL



Archive-it: 100 Canadian Partners—more!

Canadian Archive-it partners

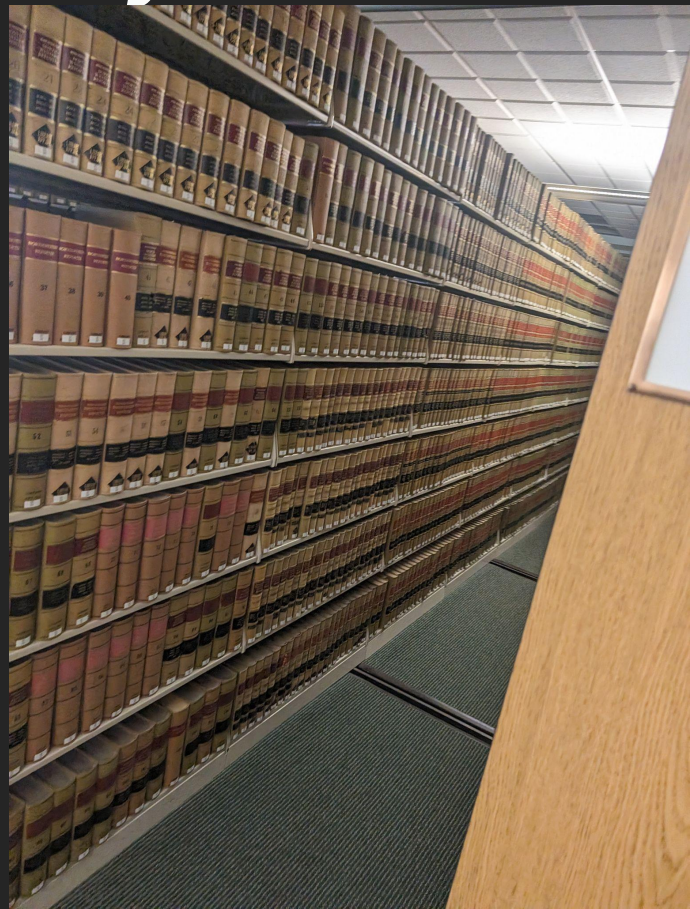
OCUL
Ontario Council of University Libraries

Canadian Government Information Digital Preservation Network (CGI-DPN)

Donations of Physical Materials

Book (e.g. Trent, NRC)
Periodicals (NRC)
Microforms
Audio recordings

Rochester Law Library



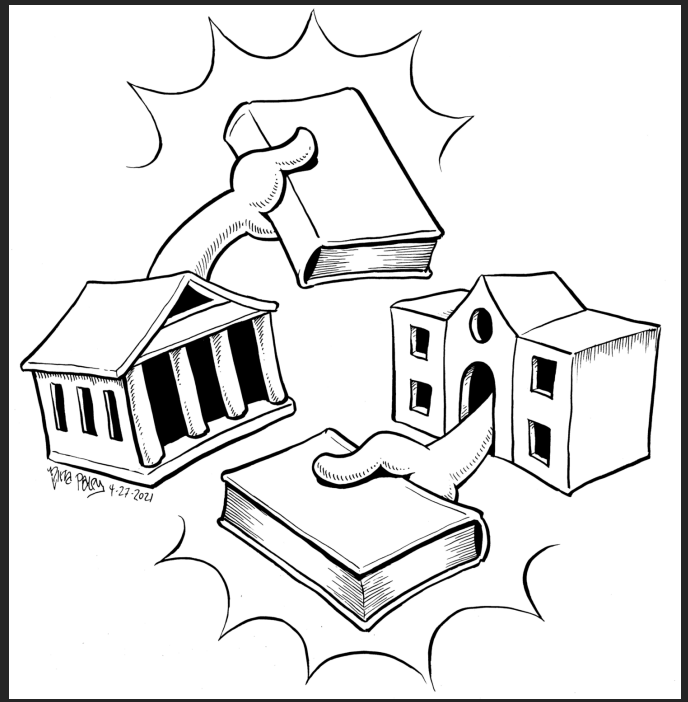
Digital InterLibrary Loan: instant access to articles and book chapters

ILL.archive.org : Type in a Paper Citation

get an article in < 1 hour if Internet Archive has it

< 1 day if in the Boston Library Consortium

Digital InterLibrary Loan: fast access to articles and book chapters



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DEMOCRACY'S
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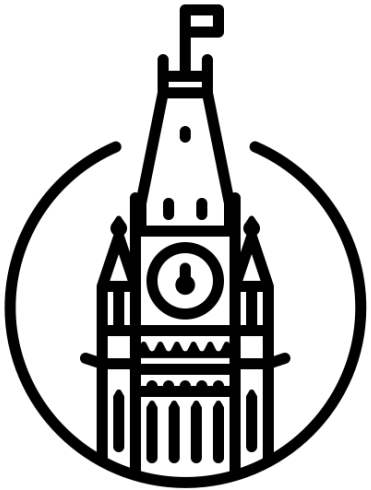
95,000 Canadian Government Publications

https://archive.org/details/governmentpublications



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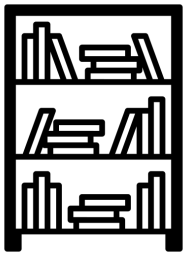

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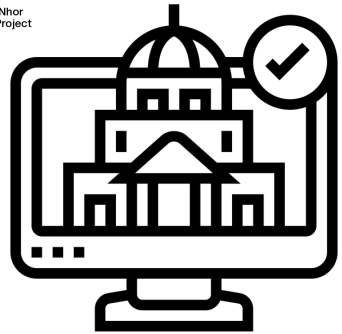

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U OF T
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https://archive.org/details/uoftgovpubs

University of Toronto Government Publications Digitization Collection

These documents have been digitized as part of the University of Toronto's project to fully digitize its holdings of Canadian federal and Ontario provincial government publications. At this time, these documents are best searched using a full-text search. Additional descriptive metadata work is ongoing.
Three key things to note about this collection:

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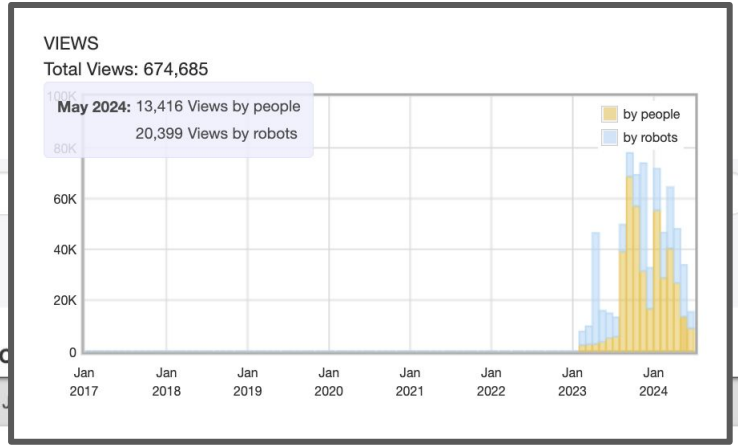

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The planning and development approvals process : towards a...

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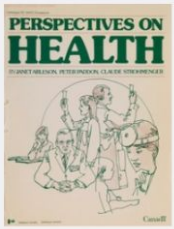

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by Ableson, Janet

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ECONOMIC ANALYSIS OF THE HALL COMMISSION REPORT.

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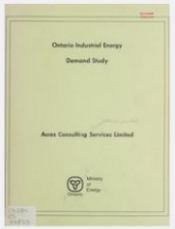

ONTARIO INDUSTRIAL ENERGY DEMAND STUDY.

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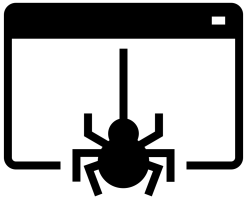
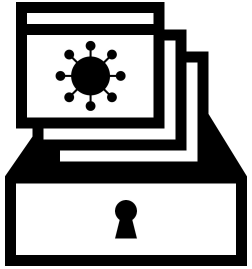
Web Archiving Work with LAC





Government of Canada Web Archive

- https://webarchiveweb.bac-lac.canada.ca/en/
- 20+TB of .ca gov & special web collections
- Yearly archiving of 15+TB in Archive-It

.ca Domain Crawl

- 2024 snapshot of all of .ca web domain
- ~100TB of data archived

Historic .ca Web Discovery Portal

- Discovery Platform entire IA historical .ca web archive
- Keyword search of 500+TB of .ca
- Includes 2024 .ca domain crawl data
- Launching Q2 2024

Digital Libraries for Thinking Machines

Canadian Large Language Models?

Based on Internet Archive Canada materials

Based on Scholars Portal materials?

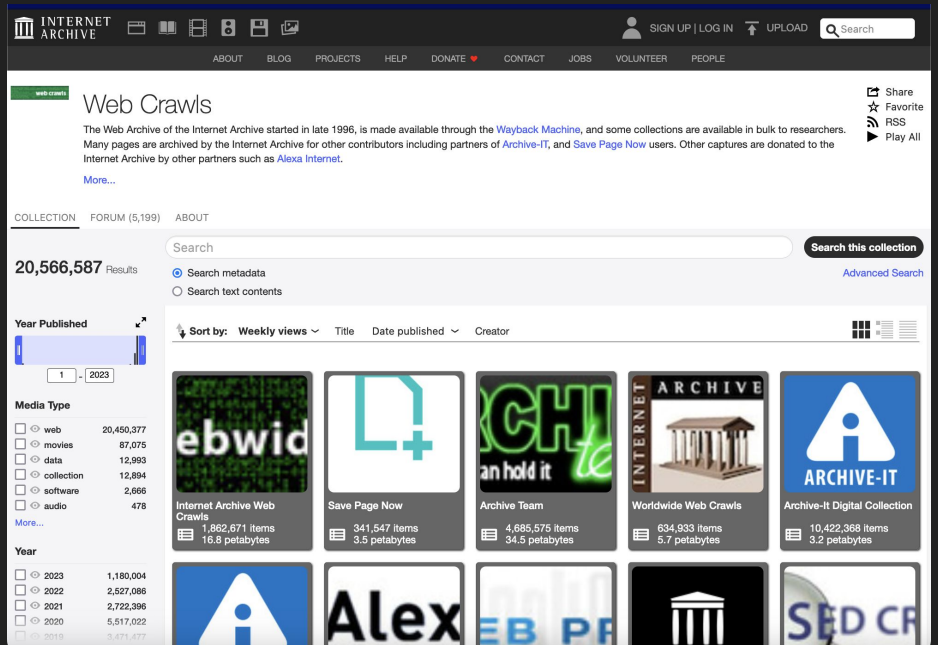
Four Digital Library Rights

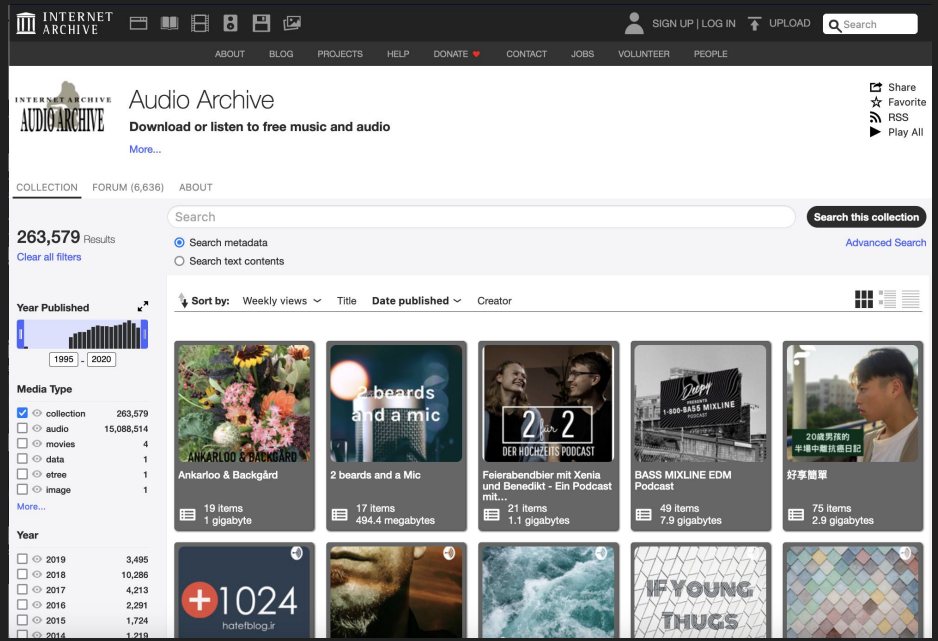
1. **Collect digital materials**,
2. **Preserve those materials**,
3. **Lend digital materials**, and
4. **Cooperate with other libraries**.

https://blog.archive.org/2022/12/01/internet-archive-releases-report-on-securing-digital-rights-for-libraries/

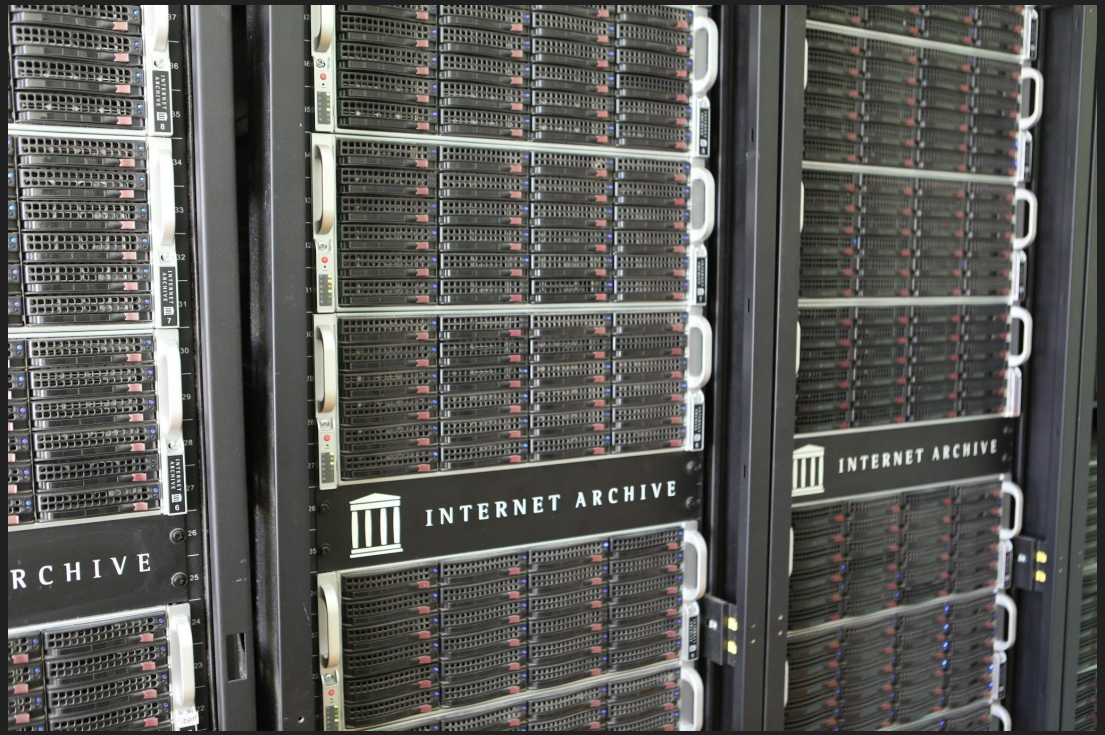
1. Collect digital materials

Collect digital materials, including those made available only via streaming and other restricted means, through purchase on the open market or any other legal means, no matter the underlying file format;





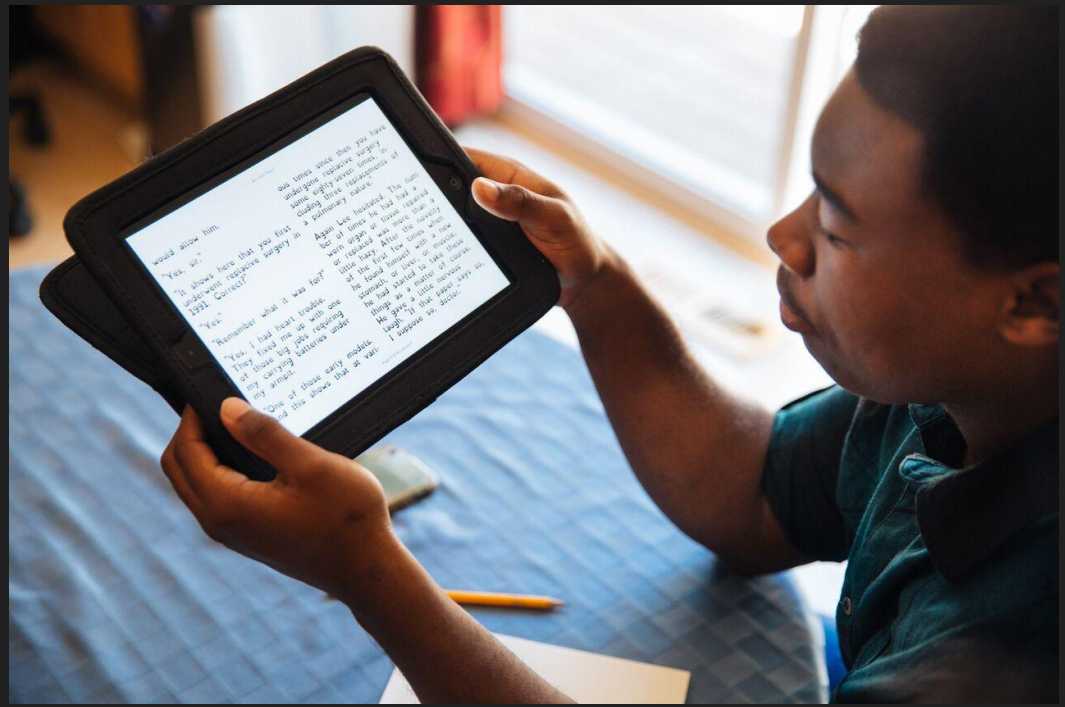
2. Preserve materials



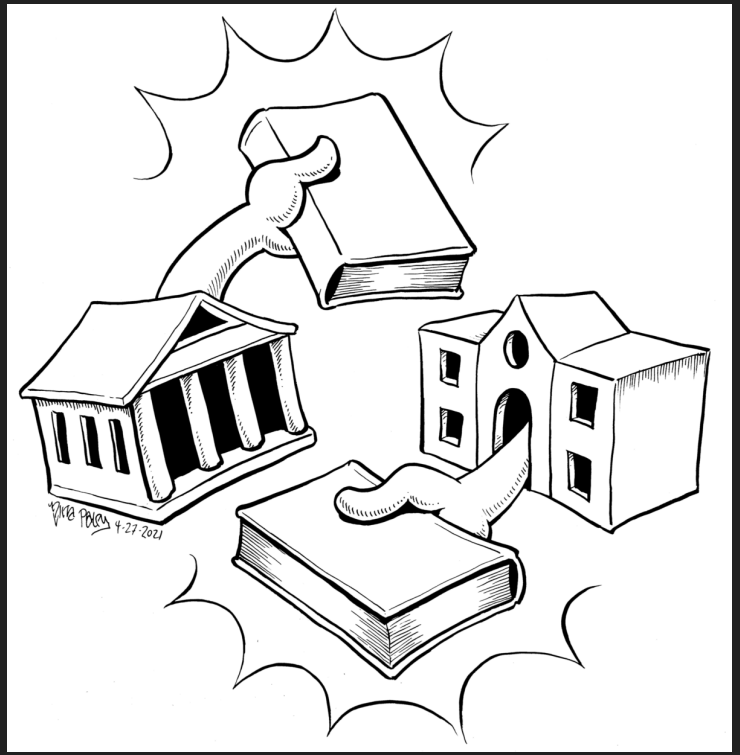
Preserve those materials, and where necessary repair or reformat them, to ensure their long-term existence and availability;

3. Lend digital materials

Lend digital materials, at least in the same “one person at a time” manner as is traditional with physical materials;



4. Cooperate with other libraries



Cooperate with other libraries, by sharing or transferring digital collections, so as to provide more equitable access for communities in remote and less well-funded areas.

Unanimous Resolution from the San Francisco Board of Supervisors in support of the Internet Archive's Digital Lending

Resolution recognizing the irreplaceable public value of libraries, including online libraries like the **Internet Archive**, and the essential rights of all libraries to own, preserve, and lend both digital and print books to the residents of San Francisco and the wider public; supporting the Internet Archive and its public service mission; and urging the California State Legislature and the United States Congress to support digital rights for libraries, including controlled digital lending and the option for libraries to own their digital collections.

Supervisor
Connie Chan
District 1

Resolution
No. 230418
April 18, 2023

The Internet Archive Just Backed Up an Entire Caribbean Island

By becoming the official custodian of an entire nation's history for the first time, the Internet Archive is expanding its already outsize role in preserving the digital world for posterity.

https://archive.org/details/aruba

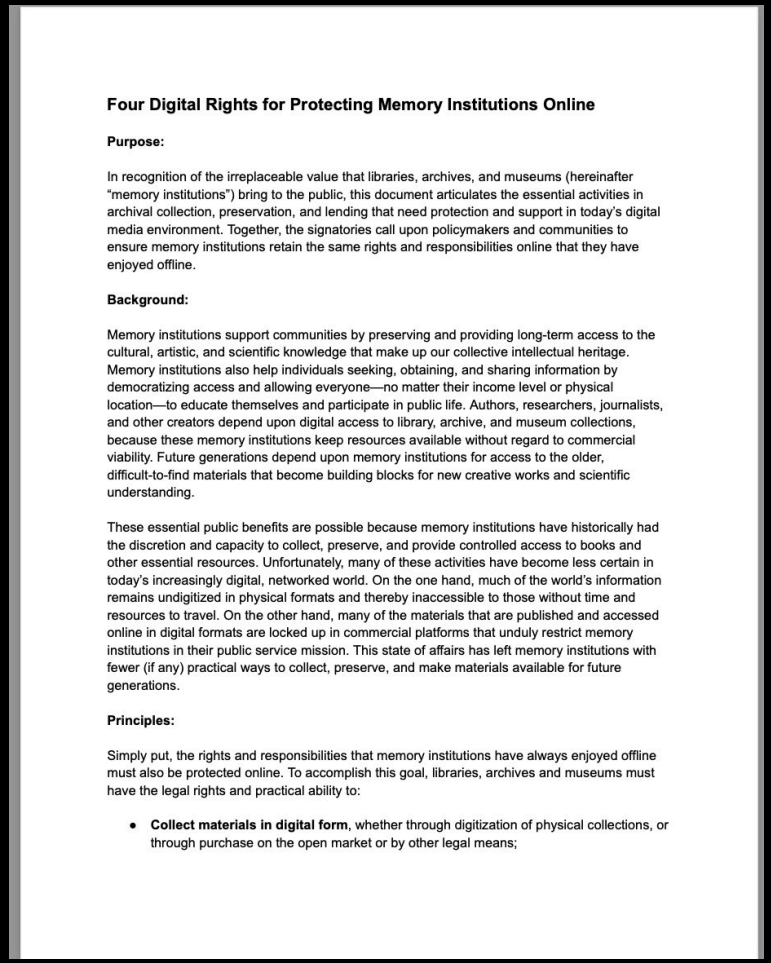
https://www.wired.com/story/internet-archive-backed-up-aruba-caribbean-island/

Aruba Becomes First Country to Endorse Statement Protecting Digital Rights of Memory Institutions

Posted on April 9, 2024 by Caralee Adams

Aruba National Librarian and National Archivist Signs Statement on Digital Rights for Libraries
April 9, 2024

https://blog.archive.org/2024/04/09/aruba-becomes-first-country-to-endorse-statement-protecting-digital-rights-of-memory-institutions/



Four Digital Rights for Protecting Memory Institutions Online

Purpose:

In recognition of the irreplaceable value that libraries, archives, and museums (hereinafter "memory institutions") bring to the public, this document articulates the essential activities in archival collection, preservation, and lending that need protection and support in today's digital media environment. Together, the signatories call upon policymakers and communities to ensure memory institutions retain the same rights and responsibilities online that they have enjoyed offline.

Background:

Memory institutions support communities by preserving and providing long-term access to the cultural, artistic, and scientific knowledge that make up our collective intellectual heritage. Memory institutions also help individuals seeking, obtaining, and sharing information by democratizing access and allowing everyone—no matter their income level or physical location—to educate themselves and participate in public life. Authors, researchers, journalists, and other creators depend upon digital access to library, archive, and museum collections, because these memory institutions keep resources available without regard to commercial viability. Future generations depend upon memory institutions for access to the older, difficult-to-find materials that become building blocks for new creative works and scientific understanding.

These essential public benefits are possible because memory institutions have historically had the discretion and capacity to collect, preserve, and provide controlled access to books and other essential resources. Unfortunately, many of these activities have become less certain in today's increasingly digital, networked world. On the one hand, much of the world's information remains undigitized in physical formats and thereby inaccessible to those without time and resources to travel. On the other hand, many of the materials that are published and accessed online in digital formats are locked up in commercial platforms that unduly restrict memory institutions in their public service mission. This state of affairs has left memory institutions with fewer (if any) practical ways to collect, preserve, and make materials available for future generations.

Principles:

Simply put, the rights and responsibilities that memory institutions have always enjoyed offline must also be protected online. To accomplish this goal, libraries, archives and museums must have the legal rights and practical ability to:

- **Collect materials in digital form**, whether through digitization of physical collections, or through purchase on the open market or by other legal means;

Dutch Network for Digital Heritage NDE and Netherlands Institute for Sound and Vision Signs Statement on Digital Rights for Libraries April 9, 2024

https://archive.org/details/four-digital-rights-for-protecting-memory-institutions-online

Let’s Build Canadian Digital Libraries Together

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