Libraries, Archives and the Information Revolution: How to Square the Circle

17 January 2012

Trinity College Dublin

Dr Susan Schreibman
Long Room Hub Senior Lecturer in Digital Humanities

Digital preservation

is the set of processes, activities and management of digital information over time to ensure its long term accessibility. The goal of digital preservation is to preserve materials resulting from digital reformatting and particularly information that is born digital with no analog counterpart. Because of the relatively short lifecycle of digital information, preservation is an ongoing process.

– Wikipedia

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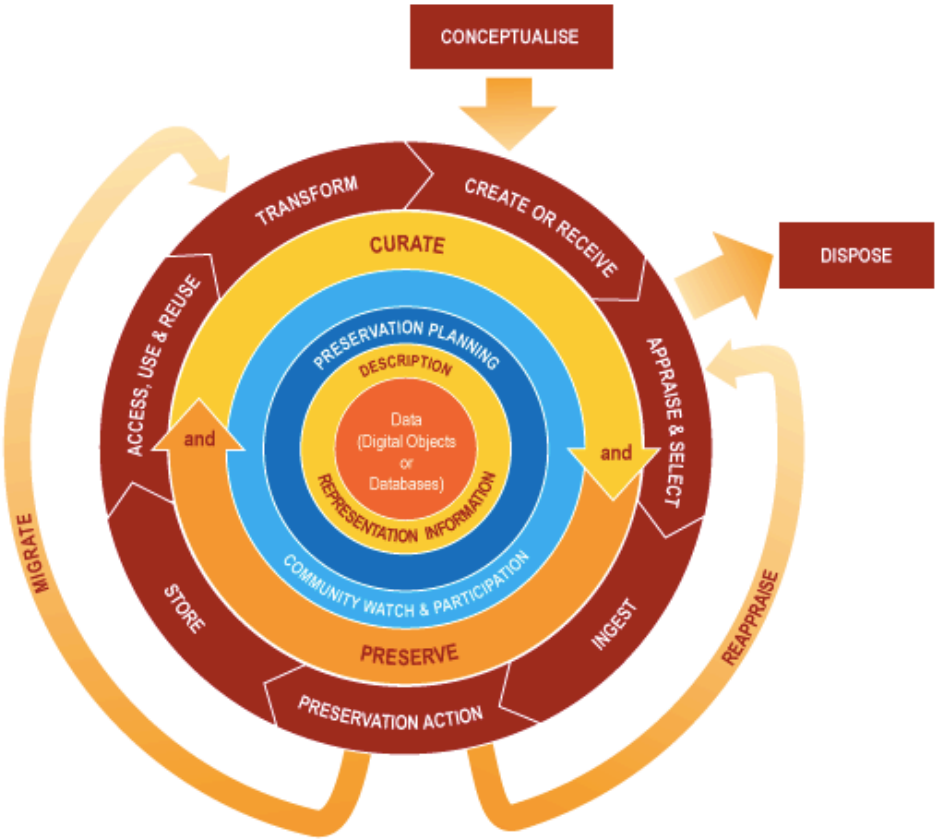
Long Room Hub Senior Lecturer in Digital Humanities

Digital ~~Preservation~~ Digital Curation

- Digital curation involves maintaining, preserving and adding value to digital research data throughout its lifecycle.
  - Digital Curation Centre



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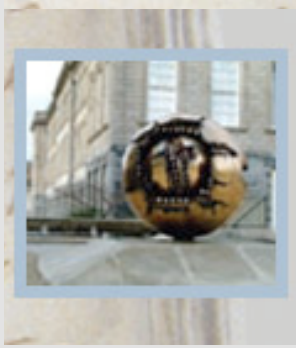

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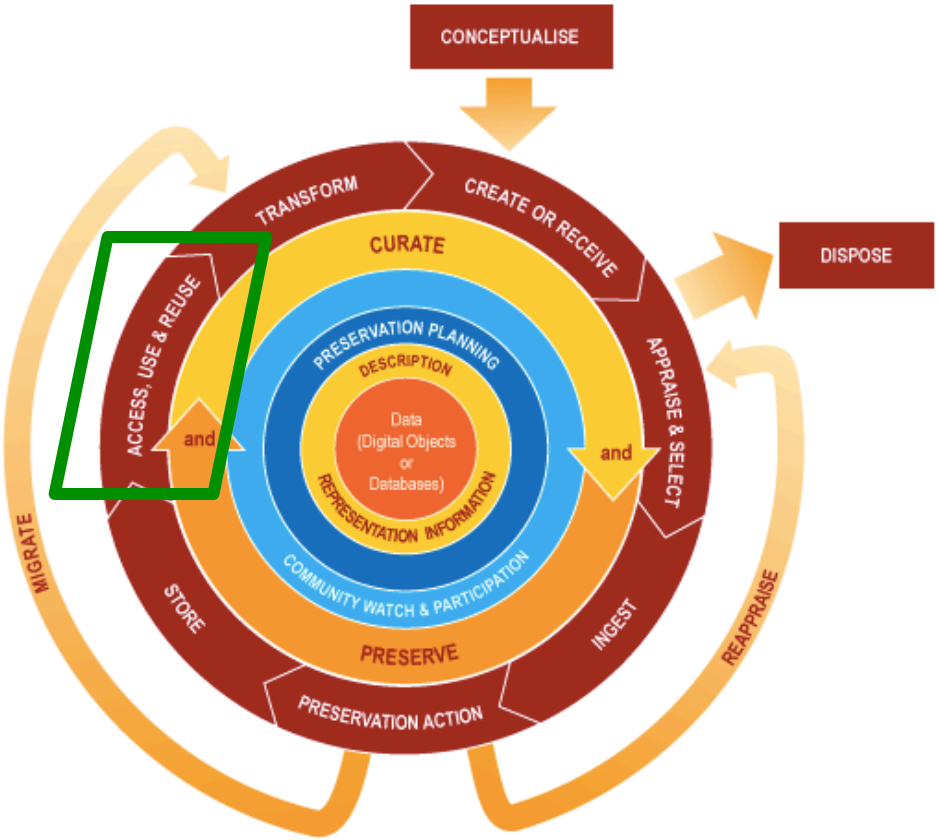
CONCEPTUALISE
TRANSFORM
CREATE OR RECEIVE
CURATE
ACCESS, USE & REUSE
and
PRESERVATION PLANNING
DESCRIPTION
Data
(Digital Objects
or
Databases)
REPRESENTATION INFORMATION
COMMUNITY WATCH & PARTICIPATION
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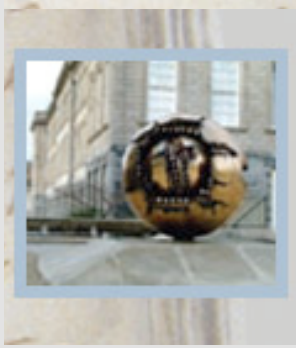

the THOMAS MAC GREEVY archive

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Introduction
Whitman's manuscripts
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Biography
Criticism
Images of Whitman
Audio recording
Whitman's disciples
Teaching materials
Bibliography
Support
Staff
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Search

Great News! NEH offers $500,000 challenge grant to Whitman Archive. Read more and help us meet the challenge.

The Walt Whitman Archive

Ed Folsom and Kenneth M. Price, editors

Funding and support provided by the National Endowment for the Humanities, the US Department of Education, the Institute of Museum and Library Services, University of Iowa, University of Nebraska-Lincoln, and the Institute for Advanced Technology in the Humanities at the University of Virginia.

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THE CHYMISTRY OF ISAAC NEWTON

Home | Browse | Search | Newton & Alchemy | Reference & Instructional Tools | Project Info

Isaac Newton, like Albert Einstein, is a quintessential symbol of the human intellect and its ability to decode the secrets of nature. Newton's fundamental contributions to science include the quantification of gravitational attraction, the discovery that white light is actually a mixture of immutable spectral colors, and the formulation of the calculus. Yet there is another, more mysterious side to Newton that is imperfectly known, a realm of activity that spanned some thirty years of his life, although he kept it largely hidden from his contemporaries and colleagues. We refer to Newton's involvement in the discipline of alchemy, or as it was often called in seventeenth-century England, "chymistry."

Newton wrote and transcribed about a million words on the subject of alchemy, of which only a tiny fraction has today been published. Newton's alchemical manuscripts include a rich and diverse set of document types, including laboratory notebooks, indices of alchemical substances, and Newton's transcriptions from other sources.

With the support of the National Science Foundation, *The Chymistry of Isaac Newton* is producing a scholarly online edition as one part of an integrated

Featured Manuscript

Newton's Theory of Everything - *Of Natures obvious laws & processes in vegetation*

New

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CELT

Corpus of Electronic Texts

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The Online Resource for Irish history, literature and politics.

CELT, the Corpus of Electronic Texts, brings the wealth of Irish literary and historical culture to the Internet, for the use and benefit of everyone worldwide. It has a searchable online textbase consisting of 940 contemporary and historical documents from many areas, including literature and the other arts.

This **experimental** search interface uses Google's custom search. It will search resources on both CELT and our sister project, Multitext.

Search

Do you want to volunteer?

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Long Room Hub Senior Lecturer in Digital Humanities

The following is a list of projects that use the TEI encoding scheme. If you would like to add your project to the list, please fill out the new project form. Please send corrections and updates to to web@tei-c.org.

List of Projects

- African American Women Writers of the 19th Century
- African Languages Lexicon Project (ALLEX)
- Alex Catalogue of Electronic Texts
- American Memory from the Library of Congress
- American Verse Project
- Ancient Inscriptions of the Northern Black Sea
- Aphrodisias in Late Antiquity (2004)
- Archimedes Palimpsest Project
- ATLAS : ATLA Series
- Autour des Res Gestae Divi Augusti
- Berardier.org: Édition électronique de Bérardier de Bataut, Essai sur le récit (1776)
- Berlin Intellectuals 1800-1830
- Boccaccio's Decameron
- Bodleian Library: Toyota City Imaging Project
- Brevier Legislative Reports
- British National Corpus
- British Women Romantic Poets, 1789-1832
- Brown University Scholarly Technology Group
- Brown University Women Writers Project
- Bibliotheques virtuelles humanistes
- Bulgarian National Corpus
- Cambridge University Press
- Carl-Maria-von-Weber-Gesamtausgabe
- Cartulaire blanc of the Abbey of Saint-Denis
- CELT Project: The Corpus of Electronic Texts
- The Charrette Project
- Chinese Buddhist Electronic Text Association
- Chronicon
- The Chymistry of Isaac Newton
- The Charles Brockden Brown Electronic Archive and Scholarly Edition
- Colonial Despatches: The colonial despatches of Vancouver Island and British Columbia 1846-1871
- Computational Linguistics for Metadata Building (CLiMB)
- Corpus Encoding Standard (CES)

Text Search

Advanced Search

Home | About MacGreevy | Image Gallery | Collections | About the Archive

the THOMAS MAC GREEVY archive

The Thomas MacGreevy Archive is a long-term, interdisciplinary research project that explores the life, writings, and relationships of the Irish poet and critic, Thomas MacGreevy (1893-1967). The project is committed to investigating the intersections between traditional humanities research and digital technologies. Begun with generous grants from The Newman Scholarship Fund at University College Dublin and Enterprise Ireland, it partnered with The Intents Project at University College Dublin to develop intelligent search and navigation tools for hyper documents. It is published by the Institute for Advanced Technology in the Humanities, at University of Virginia, and supported by the University of Maryland Libraries.

The original goal of publishing an on-line bibliography of writings by and about Thomas MacGreevy is nearly complete, with over 400 texts that can be browsed or searched in a variety of ways.

With this release, the Archive now features several new collections available through the browse mode, including *Thomas MacGreevy Composing a Poem*, an edition of several of MacGreevy's poems that allows readers to trace their composition history; *Thomas MacGreevy and Jack B Yeats: An Online Broadsheet*, which explores MacGreevy's and Yeats's professional and personal relationship, and *Who's Who in the MacGreevy Archive*, a database which provides authority files for the names of people and organisations found in the texts. Many of the entries contain biographical notes.

The Thomas MacGreevy Archive is fully XML-compliant, with texts encoded according to the Text Encoding Initiative guidelines. The Archive uses Lucene to deliver a majority of texts. The collection *Thomas MacGreevy Composing a Poem* utilises the Versioning Machine, open-source software developed by Maryland Institute for Technology in the Humanities.

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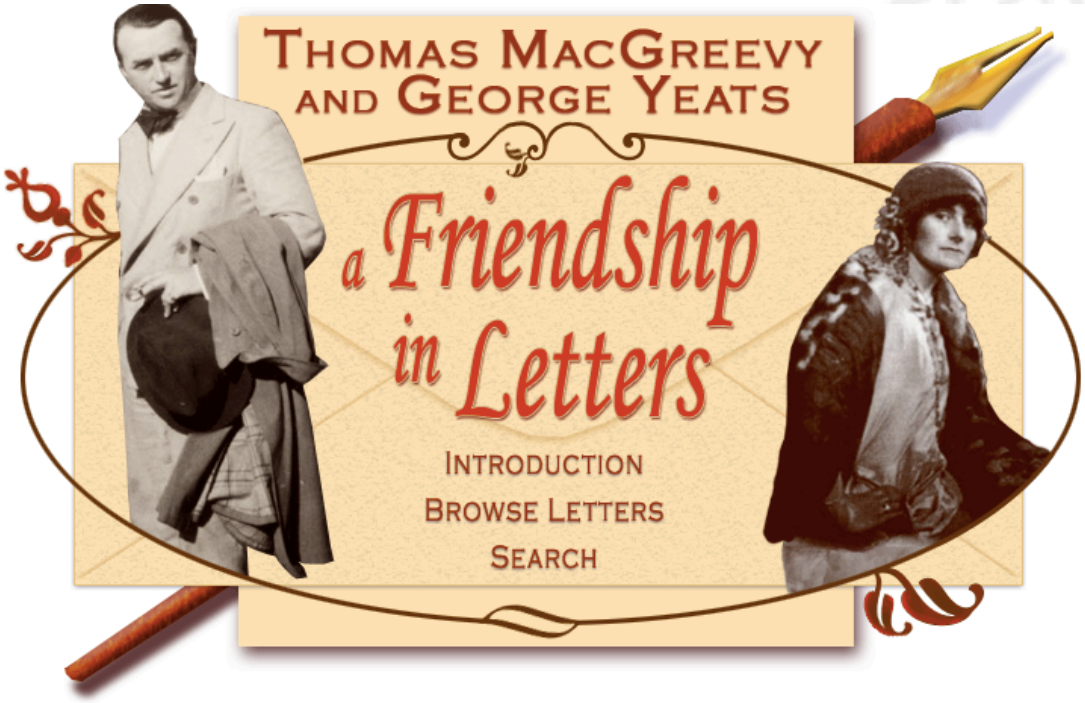
Long Room Hub Senior Lecturer in Digital Humanities



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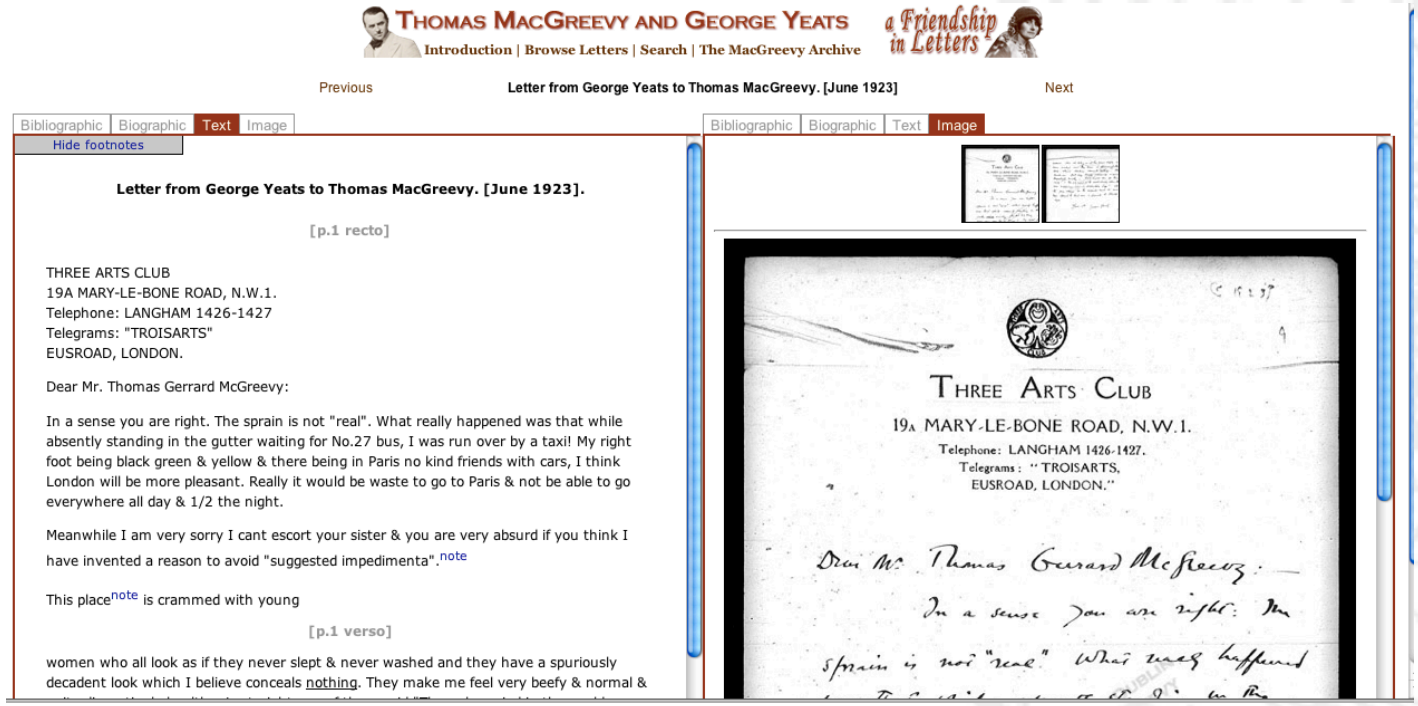

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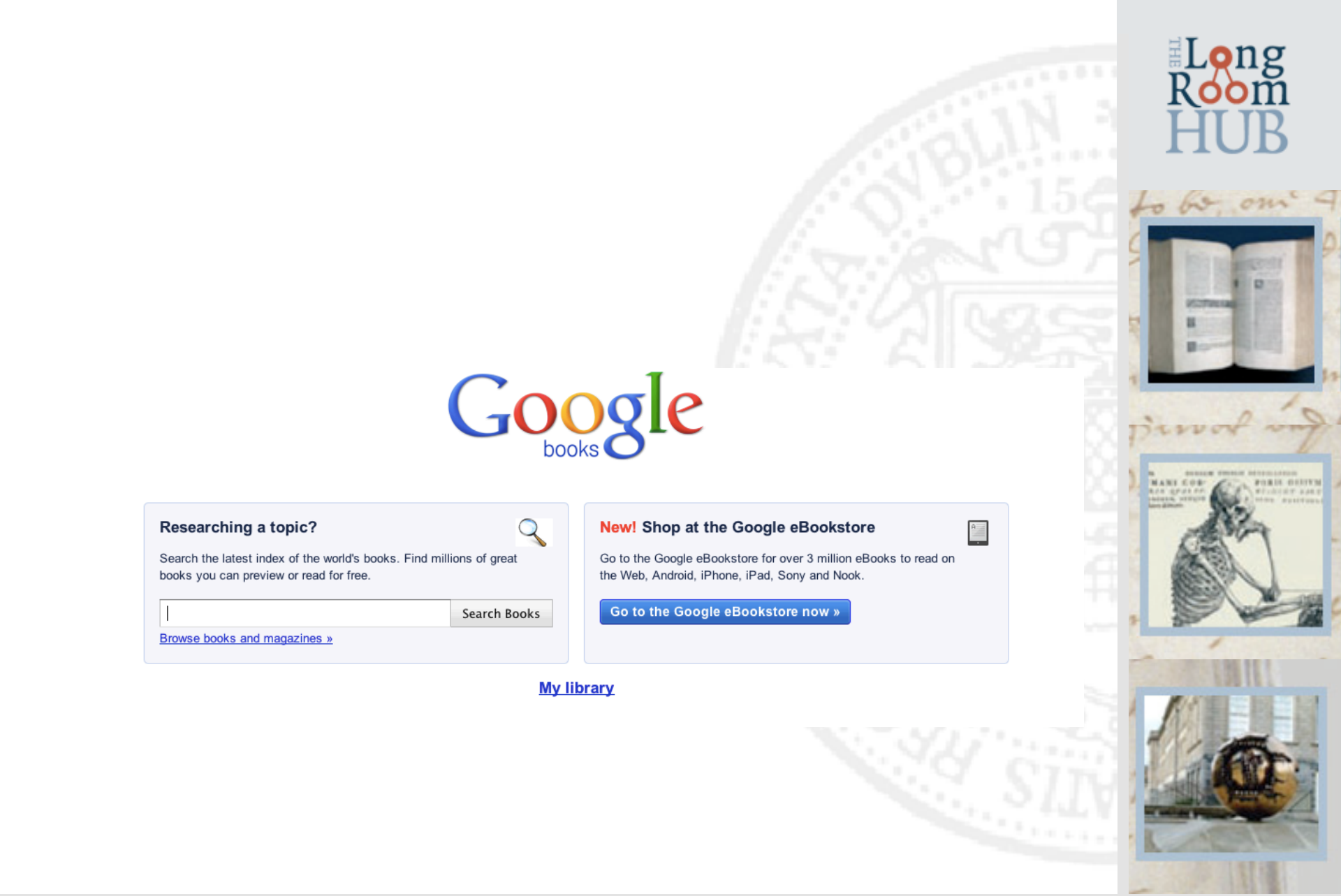

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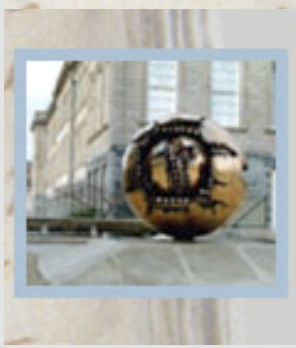
- The **Google Book Search Settlement Agreement** is an agreement between the Authors Gild, the Association of American Publishers, and Google in settlement of *Authors Guild et al. v. Google*, a class action lawsuit alleging Copyright infringement. On October 28, 2008, Google announced an agreement to pay $125 million to settle the lawsuit. The settlement agreement also included licensing provisions, allowing Google to sell personal and institutional subscriptions to its database of books. On November 9, 2009, the parties filed an amended settlement agreement after the Department of Justice filed a brief suggesting that the initial agreement may violate US anti-trust laws.
- The court held a Fairness Hearing on February 18, 2010. On March 22, 2011 supervising judge Denny Chin issued a ruling rejecting the settlement. Chin urged that the settlement be revised from "opt-out" to "opt-in" and set a 25 April date for a "status conference" at which to discuss next steps. A series of status conferences were held throughout 2011, but an amended "opt-in" settlement has not been reached. The case is scheduled to go to court by July 2012.
  - Wikipedia

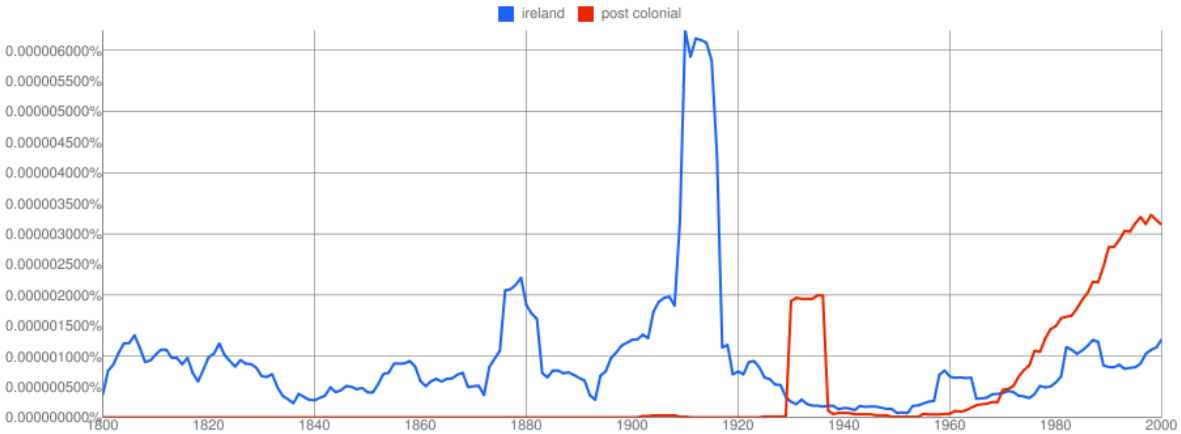


Google books Ngram Viewer

Graph these **case-sensitive** comma-separated phrases: ireland,post colonial

between 1800 and 2000 from the corpus English with smoothing of 3.

Search lots of books



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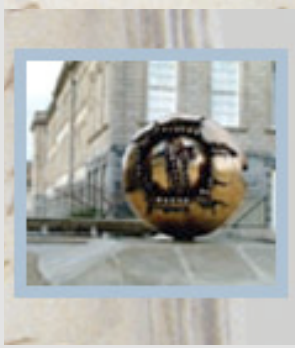
Search in Google Books:

1800 - 1933	1934 - 1994	1995 - 1996	1997 - 1999	2000	post colonial (English)
1800 - 1819	1820 - 1912	1913	1914 - 1985	1986 - 2000	ireland (English)

Run your own experiment! Raw data is available for download here.



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About 1,030,000 results (0.26 seconds)

Everything
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Videos
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Shopping
Books
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Any view
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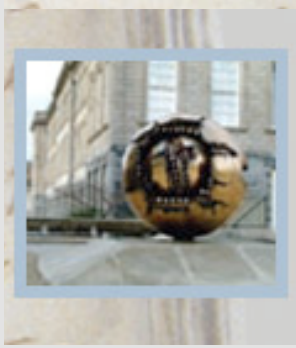

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Collections are a way to group items for private or public use. The full-text of items within a collection can be searched independently of the full digital library. Read more about creating collections.

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HathiTrust Constitutional Convention

Information about the Authors Guild Lawsuit

- HathiTrust Libraries Map a Shared Path: A Turning Point in Information Access - Sarah Pritchard
- Update on December 2011 Activities
- HathiTrust: The Elephant in the Library
- デジタル化資料の共同リポジトリHathiTrust—図書館による協同の取り組み [HathiTrust digital document repository] - Current Awareness Portal

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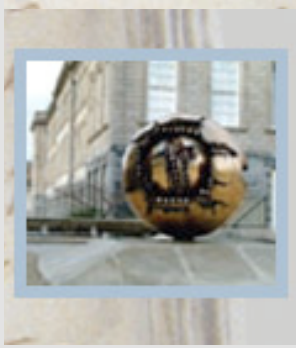

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Long Room Hub Senior Lecturer in Digital Humanities

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Welcome to the Shared Digital Future

HathiTrust is a bold idea with big plans

HathiTrust (listen to pronunciation) is a partnership of major research institutions and libraries working to ensure that the cultural record is preserved and accessible long into the future. There are more than sixty partners in HathiTrust, and membership is open to institutions worldwide.

Visit Our Partnership to learn more about

- Partnership Community
- Mission and Goals
- Functional Objectives
- Functional Framework
- Governance
- Working Groups and Committees
- Projects
- Features and Benefits of Partnership
- Eligibility and agreements
- Cost

The HathiTrust Digital Library brings together the immense collections of partner institutions in digital form, preserving them securely to be accessed and used today, and in future generations.

Visit Our Digital Library to learn more about

- Searching, Reading, and Building Collections
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- Getting Content Into HathiTrust
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  - Copyright
  - Quality
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Recent News and Publications

- HathiTrust Libraries Map a Shared Path: A Turning Point in Information Access - Sarah Pritchard
- Update on December 2011 Activities
- HathiTrust: The Elephant in the Library
- デジタル化資料の共同リポジトリHathiTrust—図書館による協同の取り組み [HathiTrust digital document repository] - Current Awareness Portal
- National federation of the blind has filed to seek status as defendants in AG v HathiTrust - Reading 2.0

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3,501,813,700 pages
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118 miles
8,129 tons
2,722,959 volumes (~27% of total)
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About › Our Partnership › Mission and Goals

Mission and Goals

Mission

The mission of HathiTrust is to contribute to the common good by collecting, organizing, preserving, communicating, and sharing the record of human knowledge.

Goals

In this effort our goals are:

- To build a reliable and increasingly comprehensive digital archive of library materials converted from print that is co-owned and managed by a number of academic institutions.
- To dramatically improve access to these materials in ways that, first and foremost, meet the needs of the co-owning institutions.
- To help preserve these important human records by creating reliable and accessible electronic representations.
- To stimulate redoubled efforts to coordinate shared storage strategies among libraries, thus reducing long-term capital and operating costs of libraries associated with the storage and care of print collections.
- To create and sustain this "public good" in a way that mitigates the problem of free-riders.
- To create a technical framework that is simultaneously responsive to members through the centralized creation of functionality and sufficiently open to the creation of tools and services not created by the central organization.

Additionally, the partners have specified a set of short- and long-term Functional Objectives.

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- Partnership Community
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- Functional Objectives
- Functional Framework
- Governance
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Writers sue US university libraries for copyright infringement

Group action challenges HathiTrust project to make available 7m digitised books

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Alison Flood
guardian.co.uk, Tuesday 13 September 2011 14.52 BST
Article history

A larger | smaller

A library worker at the University of Michigan's Buhr Shelving Facility, which worked with Google to digitise millions of its books. Photograph: Mandi Wright/AP

An international group of authors including the British novelist Fay Weldon and the Pulitzer-winning American biographer TJ Stiles, along with writers from the US, Australia and Canada, are suing five American universities for copyright infringement, accusing them of violating the rights of authors and risking "the widespread, unauthorised and irreparable dissemination" of millions of digital books.

American writers' body the Authors Guild, the Australian Society of Authors, the Union Des Écrivaines et des Écrivains Québécois and eight individual authors – Weldon, Stiles, children's author Pat Cummings, novelists Angelo Loukakis, Roxana Robinson and Danièle Simpson, poet

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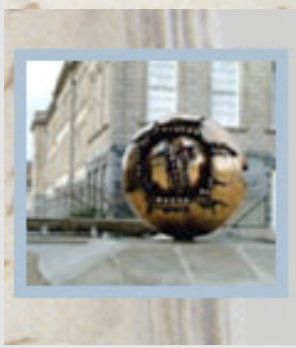
Lawyers for the HathiTrust, the digitization initiative of some 40 university libraries, filed its answer to the Authors Guild lawsuit, asking the suit be dismissed for a variety of reasons and suggests it possible defenses. Meanwhile, just before Thanksgiving, the court issued a trial schedule. If the case is not dismissed or otherwise settled, discovery is set to wrap up on May 20, 2012, with a trial set for November.

On procedural grounds, lawyers for HathiTrust claim the Authors Guild suit should be dismissed because the libraries are protected by state sovereign immunity, and also that the HathiTrust is in fact "a service" of the University of Michigan, and not a "distinct legal entity that can be sued." On the merits, meanwhile, lawyers claim the libraries' activity are permissible under fair use, section 107 of the Copyright Act, as well as sections 108, the library exemption, and sections 109, 110, and 121.

The Authors Guild filed suit in September, along with two other international writers groups and eight individual authors, alleging that HathiTrust is built with millions of "unauthorized" scans created by Google. The suit seeks an injunction barring the libraries from future digitization of copyrighted works; from providing works to Google for its scanning project; and from proceeding with its plan to allow access to "orphan works." It also asks the court to "impound" all unauthorized scans and to hold them in escrow "pending an appropriate act of Congress."



Digital Repository of Ireland

- The Digital Repository of Ireland (DRI) is a four year €5.1 million project to build a robust, scalable, accessible and sustainable Trusted Digital Repository (TDR) for Irish humanities and qualitative social sciences (HSS). The partners concentrate existing national expertise and resources by bringing together leading Irish-based researchers in the HSS, library services and high-end computing. Stakeholders such as the national cultural organisations and selected industry partners also play a significant advisory and information role in the NAVR's development.

Dr Susan Schreibman
Long Room Hub Senior Lecturer in Digital Humanities