HathiTrust Digital Library

Update On April Activities

Top News

Print Disabilities Access

HathiTrust released a new service that allows designated proxies at partner institutions to provide access to in-copyright works in HathiTrust to users at their institutions who are certified as having a print disability. See http://www.hathitrust.org/accessibility for more information.

Website Redesign

The HathiTrust website, including all web applications, was updated with a unified design and feature set, improving the overall look and functionality of the site. Details are available at http://www.hathitrust.org/hathitrust_new_look.

Board of Governors

The Board of Governors held an in-person meeting in Chapel Hill, North Carolina on April 28. The Board had a very full agenda, including a review of the Constitutional Convention ballot initiatives and work related to the Program Steering Committee (including the appointment of members).

Ingest

Local Digitization

The survey released last month to institutions that are depositing locally-digitized content will close May 15. The purpose of the survey is to gauge the readiness of institutions to deposit locally-digitized content, and help set a timeline for the development of a next installment of tools to assist in validating and packaging content prior to deposit. HathiTrust continued to provide support for the existing ingest tools and ingest procedures.

Working Groups and Committees

User Experience Advisory Group

The User Experience group continued to review elements of HathiTrust Web applications identified through user feedback and other means as being in need of improvement. The group also helped troubleshoot and make decisions in support of the new interface redesign.

User Support Working Group

A summary of issues received by the User Support Working Group is given in the table at the end of the update.
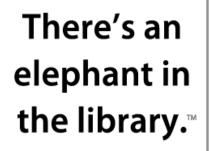
May Forecast

Continue to explore ways of improving relevance ranking of full-text search results

Begin automatic data migration from old to new storage at Indiana site

Papers & Presentations

Jeremy York, "HathiTrust As A Model for Preservation and Access", Indiana University, April 17, 2013.

Jeremy York "HathiTrust: A Second Life for Library Collections", University of Michigan, April 30, 2013.

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Projects

Bibliographic Data Management

Staff from the California Digital Library (CDL) and the University of Michigan agreed on revised requirements and workflow changes to accommodate bibliographic rights determinations being made at the University of Michigan rather than in Zephir (the new system). CDL staff began development reflecting the revised requirements. Staff also updated the project timeline. A parallel phase, to be completed prior to moving to Zephir, is now anticipated to run at the end of the summer.

Copyright Review

A summary of the determinations from HathiTrust copyright review activities in April is given below. See CRMS-US and CRMS-World for more information.

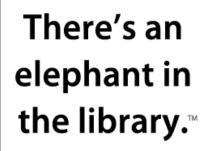|	March		Overall	
	Public Domain	All Determinations	Public Domain	All Determinations
CRMS-US	3,565	7,576	131,880	245,305
CRMS-World	2,691	5,179	24,154	44,746
Total	6,256	12,755	156,034	290,051

HathiTrust Research Center (HTRC)

HathiTrust Research Center project members assembled in Urbana, Illinois to launch Phase II of HTRC's efforts. Following the successful release of HTRC software and services on March 30, 2013 (marking the completion of Phase I), HTRC is focusing its limited resources in Phase II along two lines: 1) community engagement and community-driven enhancements to HTRC software and services; and 2) the HTRC Sloan Cloud for non-consumptive research. To the former, the HTRC is pleased to welcome Miao Chen as Assistant Director of Education and Outreach. Miao recently received her PhD in information sciences from Syracuse University. She will be helping to organize the outreach efforts. A significant upcoming event is the 2nd HTRC UnCamp, scheduled for early September. The event will be held at the University of Illinois in Urbana-Champaign, Illinois. Details will follow. The HTRC Sloan Cloud, a project in development that is funded by a grant from the Sloan Foundation, is the technical infrastructure for carrying out text analysis using general university compute resources securely in a way that does not violate terms of copyright.

mPach

University of Michigan staff determined functional requirements for relating

Update On April Activities

journal-level MARC records to article-level MARC records, and journal-level "aboutware".

Development Updates

HathiTrust institutions performed the following work related to applications and Web interfaces:

Collection Builder

Staff investigated ways of improving the sorting of serial publications.

Data API

Staff implemented a mechanism for automatically deleting registered Data API keys that have not been activated.

Full-text Search

Staff explored ways to improve relevance ranking in full-text search results and fixed two bugs in searching materials with Chinese, Japanese, or Korean characters: searches did not always work when quotes were used around characters, and there was a problem in recognizing the Boolean "AND" operator.

PageTurner

Staff implemented a new code-debugging scheme for testing access by rights attribute.

Storage Hardware Replacement Cycle

HathiTrust installed new storage at the Indiana and Michigan sites that will both accommodate 2013 volume projections and replace storage scheduled for retirement. Storage due for retirement will be taken offline starting in late May or June.

Outages

Pages did not display in HathiTrust on Thursday, April 4 from 3:30 - 4:15pm due to a software problem that was identified and corrected.

Daily full-text indexing was suspended from Wednesday, April 24 to Tuesday, April 30 due to a complication with a storage system software upgrade. The problem was resolved and normal indexing processes resumed.
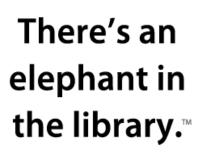
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Total Volumes Added	April	Overall
Boston College	0	2,179
Columbia University	0	65,033
Cornell University	1,279	419,804
Duke University	0	4,523
Harvard University	27	236,068
Indiana University	15	195,227
Library of Congress	1	89,724
North Carolina State University	0	3,196
Northwestern University	18,167	33,561
New York Public Library	28,662	288,342
Penn State	13,171	58,596
Princeton University	1	251,702
Purdue University	0	44,692
Universidad Complutense	0	111,982
University of California	577	3,388,025
University of Chicago	1,377	30,285
University of Florida	0	2,068
University of Illinois	3	109,314
University of Michigan	1,793	4,636,751
University of Minnesota	1,590	106,275
University of North Carolina - Chapel Hill	0	16,588
University of Wisconsin	18	555,725
University of Virginia	0	50,815
Utah State University	0	117
Yale University	0	23,678
Total	66,681	10,724,270

Public Domain (~31% of total)

	April	Overall
Total*	51,815	3,373,522

*Includes works opened via copyright review and rights holder permissions.

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User Support Issues

User Support Issues	April	March
Content	**379**	**382**
Quality	368	373
Non-partner Digital Deposit	1	1
Collections	9	8
Cataloging	**140**	**87**
Access and Use	**145**	**149**
Copyright	71	77
Permissions	13	16
Takedown	0	0
Print on Demand	0	1
Inter-library loan	4	4
Full-PDF or e-copy requests	21	32
Datasets	4	5
Data Availability and APIs	1	2
Reuse of content	5	3
Web applications	**31**	**11**
Functionality problems	7	4
Problems with login specifically	1	1
General questions about login	1	2
Partners setting up login	0	2
Usability issues	7	1
Feature requests	2	0
Partner Ingest	**3**	**13**
General	**76**	**87**
Partnership	12	9
Infrastructure	2	0
Miscellaneous	62	78
Total	**774**	**729**

*See User Support Working Group Issue Types for a description of the types of issues included in each category.

Most-accessed volumes

Title
Startling facts for native Americans called "know-nothings"; or, A vivid presentation of the dangers to American liberty, to be apprehended from foreign influence.
The Tosa diary, by Tsurayuki Ki, translated by William N. Porter.
Quicksand, by Nella Larsen
The five laws of library science, by S. R. Ranganathan.
What patriotism demands; an American Catholic's view, by John Lancaster Spalding.
Engineering mathematics with tables, by Miles A. Keasey, G. Alfred Kline, and D. Allison McIlhatten.
Birth control review, v.1-3 1917-1919
Lavender and old lace, by Myrtle Reed.
The exploration of the Colorado River and its canyons, by J. W. Powell.
Investigation of Korean-American relations: Report of the Subcommittee on International Organizations of the Committee on International Relations, U.S. House of Representatives, October 31, 1978.