



Update On July Activities

August 9, 2014

Top News

HathiTrust Research Center Award and Job Announcement

The HathiTrust Research Center (HTRC) was awarded a grant from the National Endowment of the Humanities for its project, “Exploring the Billions and Billions of Words in the HathiTrust Corpus: HathiTrust+Bookworm”. View the [full announcement](#).

The HTRC is also seeking a Manager of Operations and Lead R&D Architect. Please see the [job posting](#) for more information. Applications are being accepted until August 14, 2014, or until the position is filled.

HathiTrust Member Meeting

As announced in the [Update on June Activities](#), HathiTrust’s first Annual Meeting will be held in Washington, D.C. on Friday, October 10, 2014. We ask all official Member Representatives to plan to attend. Following the model of the 2011 Constitutional Convention, library directors from consortia that are HathiTrust members may also attend. Details on the location, schedule and agenda will be distributed soon.

Ingest

Locally-digitized content

HathiTrust corresponded with the University of Washington, University of Iowa and Princeton University about ingest of locally-digitized content.

Internet Archive-digitized content

HathiTrust began ingest of content from the University of Connecticut and corresponded with Washington University, the University of Massachusetts, Amherst and Columbia University about ingest of new content.

Bibliographic Data Management

The California Digital Library loaded 98,850 new or updated bibliographic records into Zephir.

Projects

Copyright Review

A summary of the determinations from HathiTrust copyright review activities in August is given below. See [CRMS-US](#) and [CRMS-World](#) for further information.

August Forecast

Make improvements to the interface for navigating full-text search results.

Continue work on new Image Server capabilities for continuous text content.

Reassess accessibility features of PageTurner with particular attention to supporting new content types.

Migrate to Solr 4.9 and reindex the collection.

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Update On July Activities

| | August | | Overall | |
|------------|---------------|--------------------|---------------|--------------------|
| | Public Domain | All Determinations | Public Domain | All Determinations |
| CRMS-US | 538 | 772 | 166,193 | 315,546 |
| CRMS-World | 3,640 | 6,285 | 67,366 | 130,405 |
| Total | 4,178 | 7,057 | 233,559 | 445,951 |

Government Documents Registry

Project staff documented possible methods for identifying items as U.S. federal government documents based on their bibliographic metadata, and continued work on an algorithm to detect relationships between items. These methods will be tested and refined in the coming weeks.

HathiTrust Research Center

Tim Cole and Peter Organisciak recently presented HTRC posters on [HathiTrust metadata evaluation](#) and [large-scale text analysis](#) at Digital Humanities 2014 in Lausanne Switzerland, July 7-12, 2014. The following week, J. Stephen Downie and Megan Senseney conducted instructional sessions about HTRC tools and services across multiple workshops at the [Digital Humanities Oxford Summer School](#), July 14-18, 2014.

Development Updates

Development activities by HathiTrust institutions included the following:

Authentication and Authorization:

- Enhancements to the workflow for updating access privileges for staff who have special access to restricted materials.

Collection Builder

- Improved performance of the Collection Builder application when sorting lists of items in large personal collections, and improved accuracy in the sorting of multi-part monograph and serial volumes when date information is available.

Full-text Search

- A determination that the INEX 2007-2010 Book Track test collections would not be suitable for use in testing HathiTrust full-text search relevance ranking algorithms due to several issues, including missing relevance judgments and underspecified queries. Staff are in the process of analyzing the issues to design criteria for creating a suitable test collection.

Papers & Presentations

Mike Furlough, "HathiTrust: Sharing, Access, and Stewardship", Association of European Research Libraries (LIBER) 2014 Annual Conference, Riga, Latvia, July 2, 2014.

K. Fenlon, T. Cole, M.J. Han, C. Willis, C. Fallaw, "Rethinking HathiTrust Metadata to Support Workset Creation for Scholarly Analysis", DH2014, Switzerland, July 10, 2014.

P. Organisciak, S. Battacharyya, L. Auvil, B. Plale, J. S. Downie, "Large-scale Text Analysis Through the HathiTrust Research Center", DH2014, Switzerland, July 10, 2014.

M. Senseney, J. Stephen Downie, Instructional sessions presented at the Digital Humanities at Oxford Summer School 2014, July 14-18, 2014.

Mike Furlough, "Sharing Collections through Shared Stewardship: A HathiTrust Progress Report", TRLN 2014 Annual Meeting, Chapel Hill, NC, July 23, 2014.

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- Continued communication with the supplier of the high-performance storage system for full-text search. Staff now await a software update that is expected to resolve performance and stability problems.

PageTurner

- The release of a new user interface “skin” for the Copyright Review Management System. This update brings the CRMS interface into closer alignment with the public-facing PageTurner interface, and will address presentation bugs and facilitate future changes.

Server replacement

- Continued installation of new full-text search servers. The servers are now expected to be put into service in August at the Michigan site and in September at the Indiana site.

Availability

Repository

Cumulative 12-month availability of repository access: 99.844%*

Service was unavailable on Friday, July 25 from 6:30-8:30am EDT and full-text search was additionally unavailable until 9:15am EDT, when blocking measures were implemented against abnormally heavy search activity and all services were restored.

Personal collections were unavailable on Monday, July 28 from 5:00-5:10pm EDT for a database optimization designed to increase performance.

* Repository access refers to page viewing and full-text search functionality, i.e., user-facing applications. It does not refer to preservation or storage infrastructure, which is under continual operation.

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Update On July Activities

| User Support Issues | July | June |
|----------------------------------|------------|------------|
| Content | 197 | 168 |
| Quality | 182 | 157 |
| Collections | 14 | 10 |
| Cataloging | 179 | 163 |
| Access and Use | 178 | 188 |
| Copyright | 126 | 125 |
| Permissions | 3 | 6 |
| Takedown | 0 | 0 |
| Print on Demand | 0 | 0 |
| Inter-library loan | 2 | 2 |
| Full-PDF or e-copy requests | 10 | 2 |
| Datasets | 3 | 0 |
| Data Availability and APIs | 3 | 3 |
| Reuse of content | 7 | 3 |
| Web applications | 22 | 18 |
| Functionality problems | 5 | 7 |
| Problems with login specifically | 4 | 2 |
| General questions about login | 1 | 1 |
| Partners setting up login | 1 | 1 |
| Usability issues | 1 | 0 |
| Feature requests | 2 | 2 |
| Partner Ingest | 9 | 4 |
| General | 122 | 86 |
| Partnership | 10 | 7 |
| Miscellaneous | 112 | 79 |
| Total | 707 | 627 |

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

Most-accessed volumes

| |
|---|
| Advanced accounts; a manual of advanced book-keeping, by R.N. Carter. |
| Coffee processing technology, v. 1, by Michael Sivetz and H. Elliott Foote. |
| Hortus gallicus pro Gallia scriptus..., Symphoriano Ca[m]pegio ... auctore; [Analogia medicinarum indaru[m] et gallicaru[m] |
| Quintus Curtius [History of Alexander], Vol. 2, with an English translation by John C. Rolfe. |
| Pearson's magazine. v.5 no.4 (Apr. 1901). |
| The Human Figure, by John H. Vanderpoel. |
| Kinematics and dynamics of plane mechanisms, by Jeremy Hirschhorn. |
| Consumption of the Lungs and Kindred Diseases, Treated and Cured by Kerosene, by Charles Oscar Frye. |
| Roster of the Confederate soldiers of Georgia, 1861-1865, v.3. |
| Quintus Curtius [History of Alexander], Vol. 1, with an English translation by John C. Rolfe. |

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Update On July Activities

| Total Volumes Added | July | Overall |
|---|----------------|-------------------|
| Boston College | 13 | 3,210 |
| Columbia University | 1 | 65,166 |
| Cornell University | 6,108 | 493,870 |
| Duke University | 1 | 7,775 |
| Harvard University | 0 | 238,065 |
| Indiana University | 16 | 196,098 |
| Keio University | 0 | 90,080 |
| Knowledge Unlatched | 0 | 24 |
| Library of Congress | 0 | 108,883 |
| McGill University | 0 | 893 |
| New York Public Library | 3,024 | 294,818 |
| North Carolina State University | 0 | 3,196 |
| Northwestern University | 1 | 56,399 |
| Ohio State University | 15,064 | 41,923 |
| Penn State | 9,996 | 91,488 |
| Princeton University | 850 | 252,775 |
| Purdue University | 2,214 | 46,912 |
| Sterling & Francine Clark Art Institute | 0 | 358 |
| Texas A&M | 0 | 1,201 |
| Universidad Complutense | 1,129 | 113,282 |
| University of California | 47,213 | 3,567,847 |
| University of Chicago | 34 | 51,664 |
| University of Connecticut | 4,629 | 4,629 |
| University of Delaware | 0 | 28 |
| University of Florida | 0 | 9,866 |
| University of Illinois | 10,283 | 153,182 |
| University of Massachusetts, Amherst | 0 | 11,115 |
| University of Michigan | 8,702 | 4,697,774 |
| University of Minnesota | 18,247 | 138,427 |
| UNC - Chapel Hill | 0 | 17,025 |
| University of Virginia | 4 | 51,206 |
| University of Wisconsin | 1,398 | 558,650 |
| Utah State University | 0 | 117 |
| Yale University | 0 | 23,678 |
| Total | 128,927 | 11,391,624 |

Public Domain (~34% of total)

| | | |
|--------|---------|-----------|
| Total* | 120,097 | 3,968,569 |
|--------|---------|-----------|

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

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