

HathiTrust discovery and access @ Harvard Library Corinna Baksik October 26, 2020

Code of Conduct

HathiTrust events provide an inclusive environment that welcomes inquiry, constructive criticism and debate, and candor. HathiTrust does not tolerate personal attacks, harassment of any kind, verbal or physical violence, or disruptive behavior. All attendees are expected to be respectful of our community's diversity and generous of others' views. A full Code of Conduct and a complete process for handling reports of violations is in development. Until it is available, please bring concerns to us by contacting a member of the HathiTrust staff or by emailing conduct-reports@hathitrust.org.

Technology overview

- Zoom Meeting Features
- Mute and Unmute
- Chat
- Speaker View and Gallery View
- Automated Transcript/Closed Captions
- Support

Mute / Unmute

When not speaking, please keep your Microphone muted

To turn on your microphone, click the "Unmute" button in the bottom left corner

Click the "Mute" button to then turn your microphone off



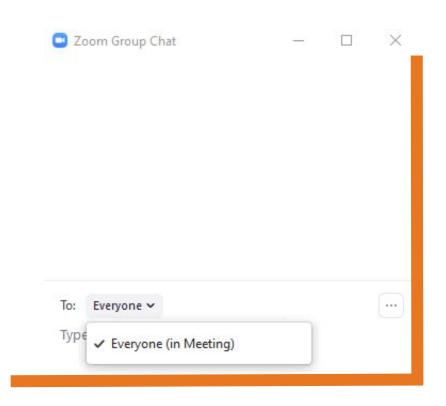
Picture of the Zoom layout, pointing out where the mute and start video buttons are located

Chat

Use Chat for discussion or to ask a question

To open the Chat window, click the Chat button at the bottom of the Zoom application

By clicking the "Everyone" button in the Chat pop out window, you can select who you want to chat with



Picture of the Zoom Chat pop out window

HARVARD LIBRARY



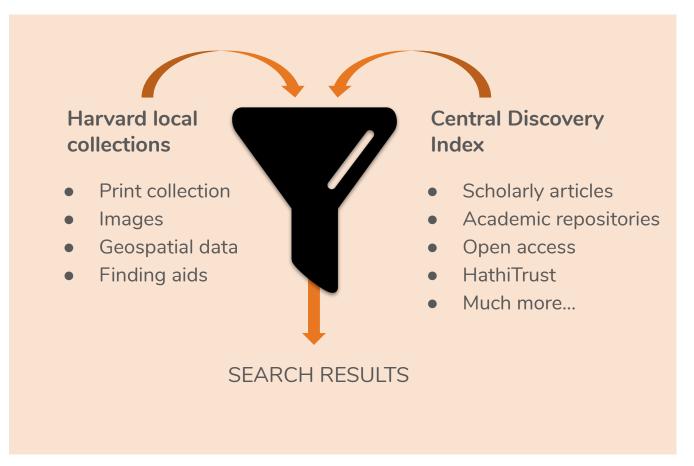
Overview of HOLLIS, the online catalog of the Harvard Library

What's in HOLLIS

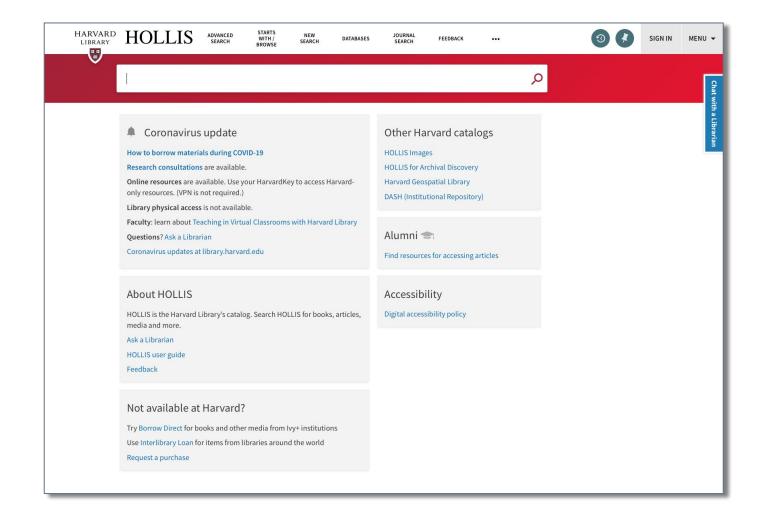
CDI offers 2 separate HathiTrust collections for activation, both updated monthly:

HathiTrust Digital Library Full View U.S. Only

HathiTrust Digital Library



HOLLIS home page with single search box

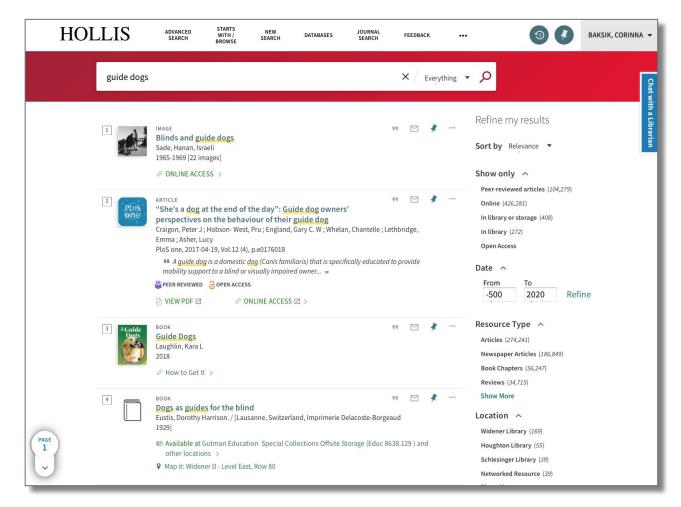


Search for "guide dogs"

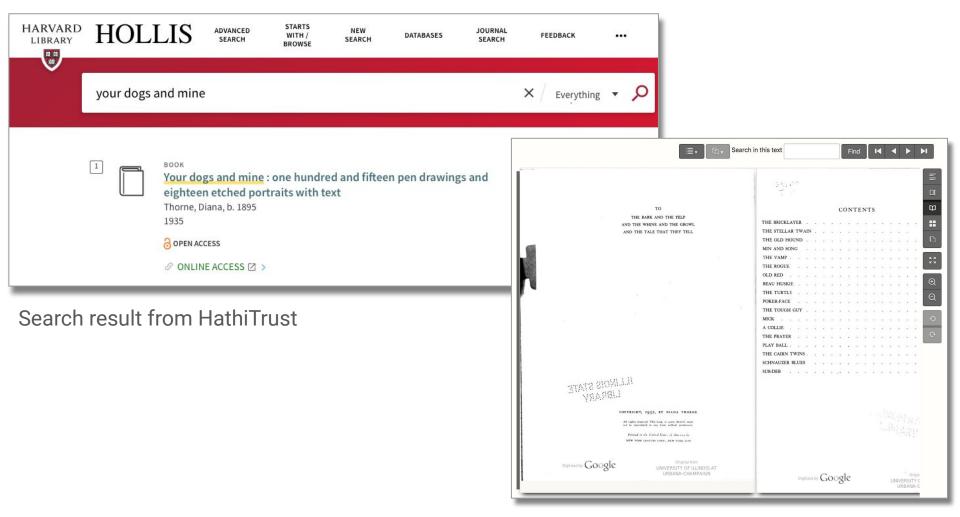
Results are from different sources and presented in a single list:

- digital images
- articles
- print books, owned and not owned

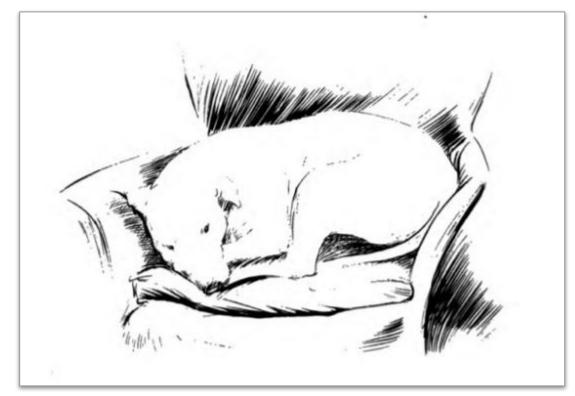
Our user studies reveal that users prefer single list to a bento approach.



HOLLIS search result



HathiTrust book viewer



"The tough guy"



"Snub nose Sally"

Other ways to get HathiTrust bibliographic data

https://www.hathitrust.org/data

OAI data feed

• "The Open Archives Initiative Protocol for Metadata Harvesting (OAI-PMH) is a protocol used in libraries and archives for the automated delivery of structured bibliographic metadata. You can use this option to retrieve metadata in MARC21 or unqualified Dublin Core formats."

Tab-delimited Files ("Hathifiles")

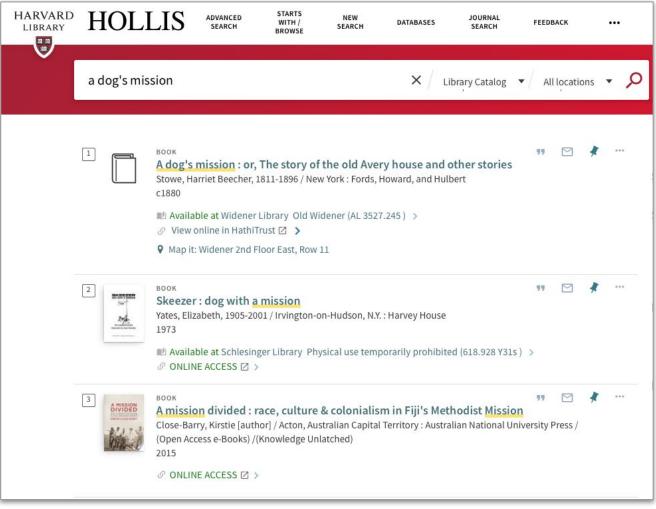
• "These files include some bibliographic metadata as well as data elements unique to the HathiTrust collection. You can use this data to do some analysis of the HathiTrust collection. Libraries may find these files useful for collection management and deciding which records to retrieve from HathiTrust or building links to HathiTrust works."



Use of the API

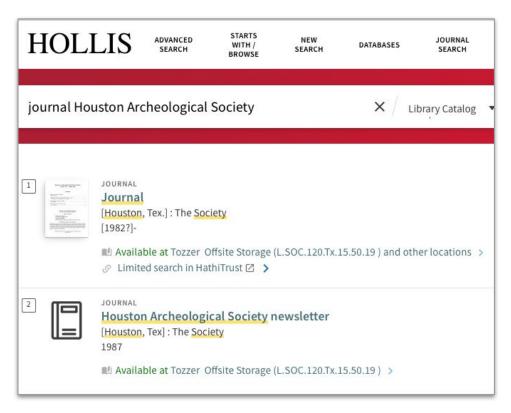
The API is called when HOLLIS search results are rendered

- If we do not already have online access, we check for access at HathiTrust, based on OCLC number
- If found, we offer a link to HathiTrust



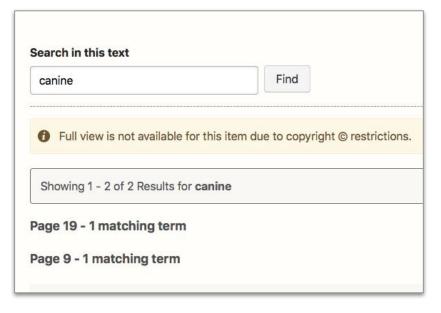
HOLLIS search results

Example of title that is available in HathiTrust as Limited Search only



HOLLIS search result with Limited Search in HathiTrust

Limited search tool in HathiTrust



API output for a given OCLC number

- JSON format
- Brief bibliographic data
- Digital object information
- Usage rights code
- Item URL
- Origin

```
"records": {
    "100489667": {
        "recordURL": "https:\/\/catalog.hathitrust.org\/Record\/100489667",
        "titles": [
            "Dogs I have known"
        "isbns": [],
        "issns": [],
        "oclcs": [
            "20582965"
        "lccns": [],
        "publishDates": [
            "1893"
"items": [
        "orig": "Harvard University",
        "fromRecord": "100489667",
        "htid": "hvd.hn67mn",
        "itemURL": "https:\/\/hdl.handle.net\/2027\/hvd.hn67mn",
        "rightsCode": "pd",
        "lastUpdate": "20200420",
        "enumcron": false,
        "usRightsString": "Full view"
```

Example with copies from multiple institutions, limited search

Does not tell you whether you have Emergency Temporary Access

```
"items": [
       "orig": "University of California",
       "fromRecord": "000366851",
       "htid": "uc1.$b184850",
       "itemURL": "https:\/\/hdl.handle.net\/2027\/uc1.$b184850",
       "rightsCode": "ic",
       "lastUpdate": "20170310",
       "enumcron": false,
       "usRightsString": "Limited (search-only)"
       "orig": "University of Michigan",
       "fromRecord": "000366851",
       "htid": "mdp.39015027015828",
       "itemURL": "https:\/\/hdl.handle.net\/2027\/mdp.39015027015828",
       "rightsCode": "ic",
       "lastUpdate": "20200808",
       "enumcron": false.
       "usRightsString": "Limited (search-only)"
```



Emergency Temporary Access Service

Sample from overlap report from HathiTrust

| oclc | local_id | type | access | rights |
|-----------------------|--|----------------|---------------|-------------|
| 945584209 29254328 | 990000000010203941 990000000030203941 | mono | deny | ic |
| 424526137 52188610 | 990000000080203941 990000000090203941 | mono mono | deny | ic |
| 244177315 | 99000000110203941 | multi | _ | _ |
| 5314464 82617130 | 990000000980203941 990000000990203941 | mono mono | allow | pd |
| 459410 | 99000001160203941 | mono | deny | ic |
| 1285105 7748334 | 990000001170203941 990000081770203941 | mono serial | allow deny | pdus und |
| 7748334 19156568 | 990000081770203941 990000081780203941 | serial | deny | ic |
| 18754067 | 990000081780203941 | mono multi | deny | ic |

Upon receipt of initial overlap report

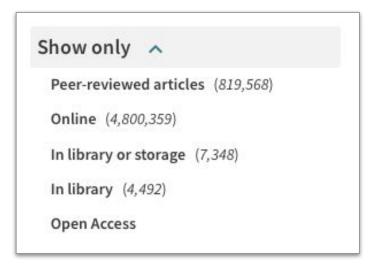
Reserves

 750 matches, made big difference for students who suddenly weren't allowed in the library anymore

• 2.3 million "deny" titles

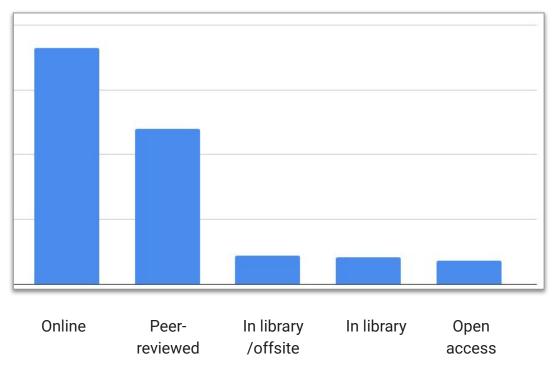
- Big load on system to add these. Took over 2 weeks.
- Matching: used our system number from overlap report, rather than OCLC number, to eliminate matching errors (multiple matches, number not found...). Our overlap report was based on print disclosure from 2 years ago. If we had used OCLC number, even a small matching error rate of .5% would have meant 11,500 titles to clean-up
- Had to split up input files to manage capacity
- Multiple e-collections in Alma with a max 500k portfolios per collection
- Priority order of collections: de-prefer Hathi so users won't be directed there if we have paid access (which generally allows simultaneous users)

Having links in Alma was critical for Online facet in HOLLIS



"Top-level" facet in HOLLIS

Relative use of top-level facets



Serials... watch out

- We initially loaded portfolios for these not realizing the issues it would cause with article-level linking in Primo
- Because the portfolios had no coverage information, when Primo evaluated where to send our users for best coverage of a journal, it chose HathiTrust
- This meant that many links to full-text articles didn't take the user to full-text
- We quickly de-activated the Hathi portfolios on our serial records



Example article record with link to full-text

| ew It | |
|-------------------------|-------------------------------|
| Full text available at: | ABI/INFORM Global ☑ |
| Available from 07/01/ | 1996. |
| Full text available at: | ABI/INFORM Trade & Industry □ |
| Available from 01/01/ | 1996. |

Normally there is a coverage statement so that Primo knows where to direct a user for a given journal issue

Constructing dynamic links to HathiTrust

- We defined a link pattern at the collection level, with the OCLC number as a parameter, and this pattern is inherited by every portfolio
- This allows us to change the pattern if needed (which we did twice in the first 2 months)
- And if our OCLC number needs to be corrected, we can update our bib record without having to change anything else
 - Generally this was only needed when our bib had 2 OCLC numbers

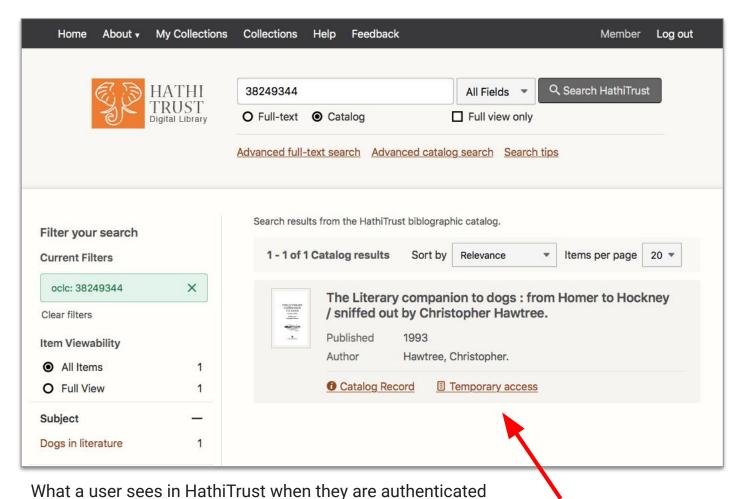
IF(rft.oclcnum)

https://catalog.hathitrust.org/ Search/Home?lookfor={rft.ocl cnum}&type=oclc

&urlappend=;signon=swle:htt ps://fed.huit.harvard.edu/idp/s hibboleth

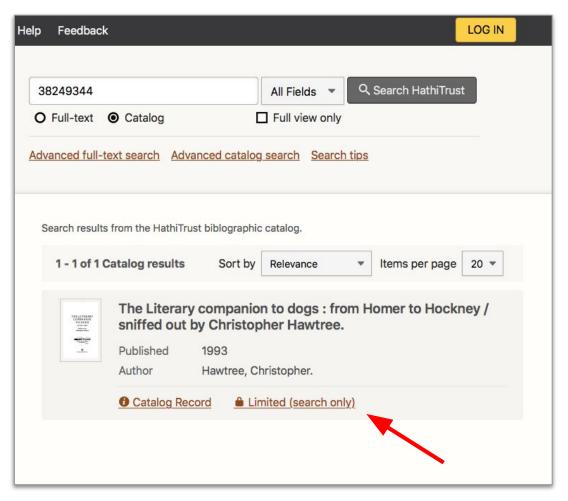
IF()

https://catalog.hathitrust.org/ Search/Advanced Importance of including authentication parameter in URL



Before we did that:

- Users had to login again at HathiTrust, identifying themselves as a Harvard affiliate
- Users were not accustomed to doing this because for most of our tools they are authenticated automatically through single sign-on
- Because they were not logged in at HathiTrust, they would see a "Limited search only link" and not know how to gain access to the book



What a user sees in HathiTrust when they are not authenticated

Public display of links

Online Access

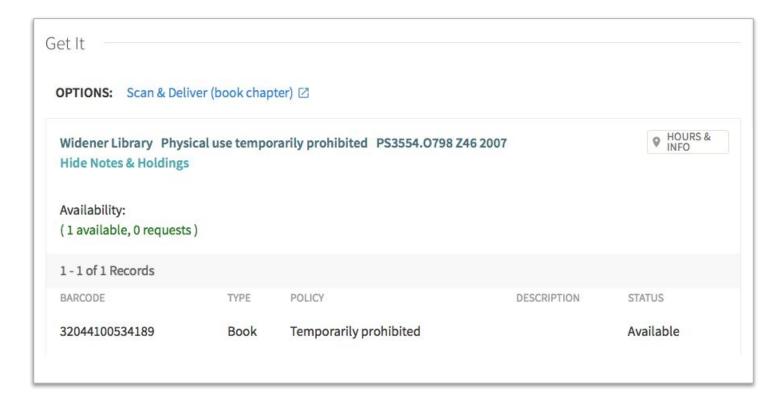
Full text available at: HathiTrust Temporary Access Sept 2020 update (Choose Temporary Access, then Check Out)

- Step-by-step instructions
- While the Harvard Libraries are closed due to the COVID-19 pandemic, this title is temporarily available for Check Out via HathiTrust

Link text for HathiTrust access

General counsel: make physical copies unavailable

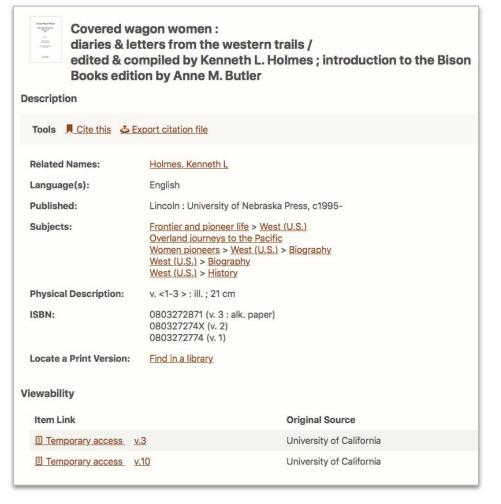
We only fulfill a scan request for these if there are pages missing in HathiTrust



Display of physical holdings

Multi-volume works

- We loaded portfolios for multi-volume works, although often HathiTrust does not have all the volumes
- If a user reports this, we adjust our records in Alma to make the missing volumes requestable for physical use



HathiTrust record where only volumes 3 and 10 are available

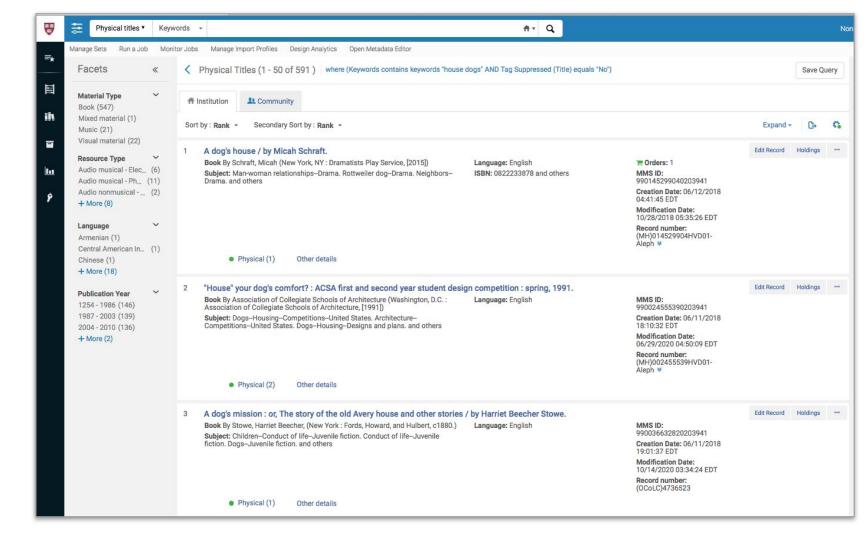
| Barcode | Location | Description | Temporary Location |
|---------|--|-------------|--------------------|
| RSLDX4 | Offsite Storage - In-library use only (HD) | v.11 | No |
| RSLDX3 | Virtual location: no physical use - use HathiTrust ETAS HD | v.10 | Yes |
| RSLDX2 | Offsite Storage - In-library use only (HD) | v.9 | No |
| RSLDX1 | Offsite Storage - In-library use only (HD) | v.8 | No |
| RSM31R | Offsite Storage - In-library use only (HD) | v.7 | No |
| RSLDWZ | Offsite Storage - In-library use only (HD) | v.6 | No |
| RSLDWY | Offsite Storage - In-library use only (HD) | v.5 | No |
| RSLDWX | Offsite Storage - In-library use only (HD) | v.4 | No |
| RSLDWW | Virtual location: no physical use - use HathiTrust ETAS HD | v.3 | Yes |
| RSLDWV | Offsite Storage – In-library use only (HD) | v.2 | No |
| RSLDWU | Offsite Storage - In-library use only (HD) | v.1 | No |

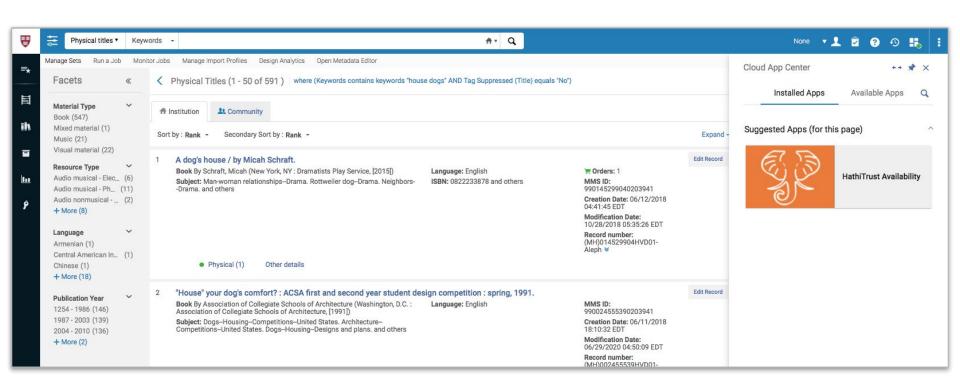
List of item records in Alma



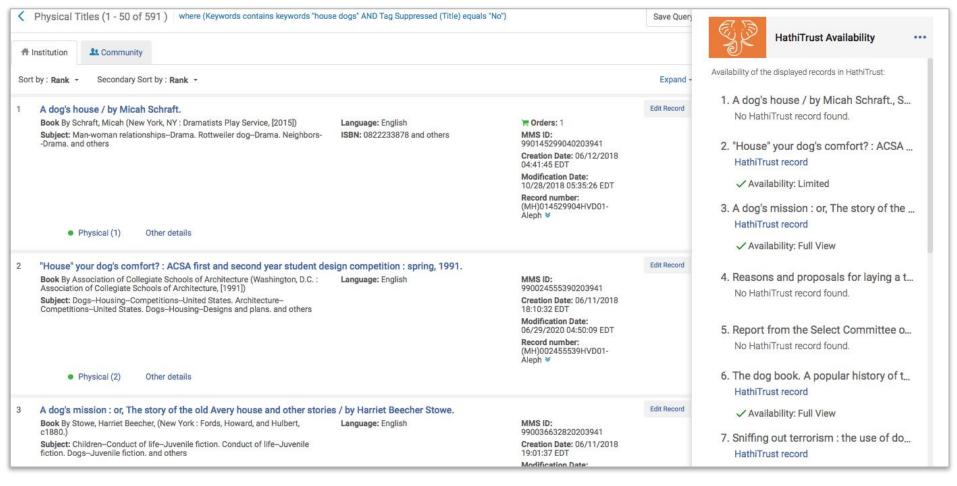
Alma CloudApp

Search results in Alma





Cloud app menu in upper right, showing HathiTrust Availability as an installed app

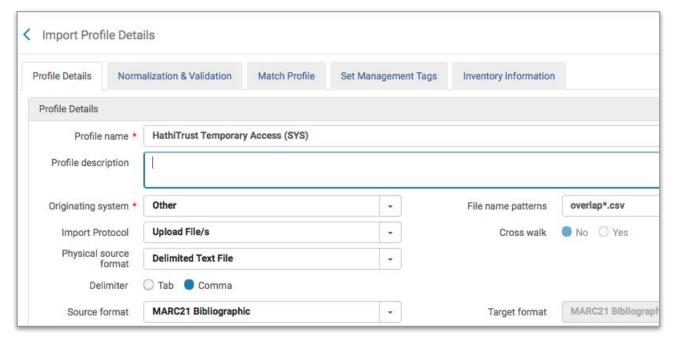


Cloud app shows HathiTrust availability for each title in the Alma result list



Additional technical detail

Alma import profile for loading portfolios



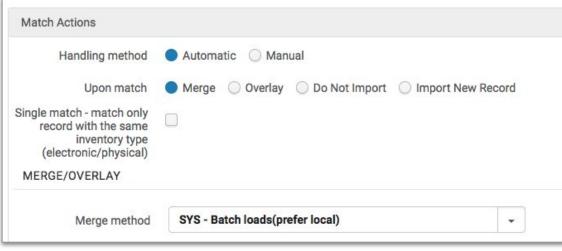
Import profile detail

Input file sample

```
001
990011306150203941
990029734420203941
990093239120203941
990102531390203941
990141207370203941
990151370270203941
990010664260203941
```



Match method



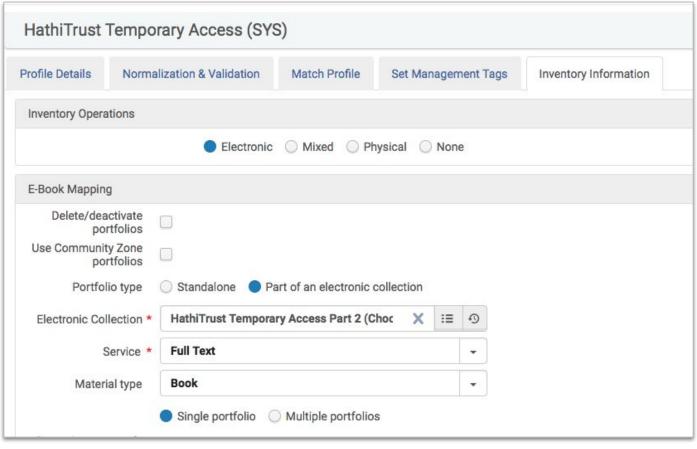
Merge method

No Match

Upon no match
Do Not Import
Import

No match

Inventory information



Activate resource upon load



Use Analytics to identify items

Goal: put items into temporary locations / policies in order to prohibit use

- 1. Identify portfolios in the collection(s)
- 2. Use this a feeder report into a new analysis for physical item records
- 3. Save the export of physical items with as many attributes as you may need later when you have to restore items, after ETAS is over
 - E.g.: if items were in a temp loc before you changed them, you may need to restore them to that temp loc
- 4. Use the barcodes to create item sets in Alma
- 5. We created sets for each library separately, in order to retain accurate library facet in Primo
 - a. For each library we also configured temporary locations for on campus vs. offsite storage, for appropriate routing if a previously checked out item was returned

Feeder report of portfolios

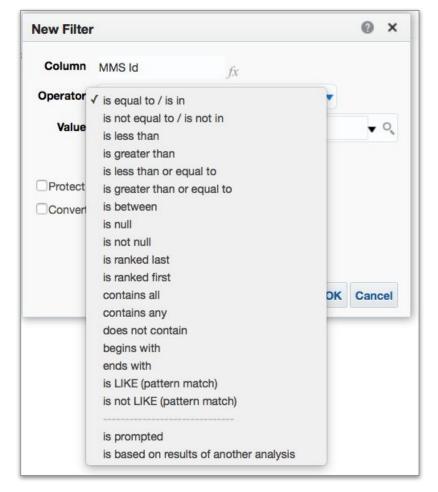
Important: there is a limit of how many results you can feed from one report into another. You may have to do this process iteratively

Attributes and filters:

- Bib MMS ID
- Bib Level <u>filter to not s (serial)</u>
- Title
- Portfolio lifecycle filter to In Repo
- Portfolio ID
- Availability <u>filter to Available</u>
- Electronic Collection ID = (find # in Alma)
- Electronic Collection Public Name

Item analysis

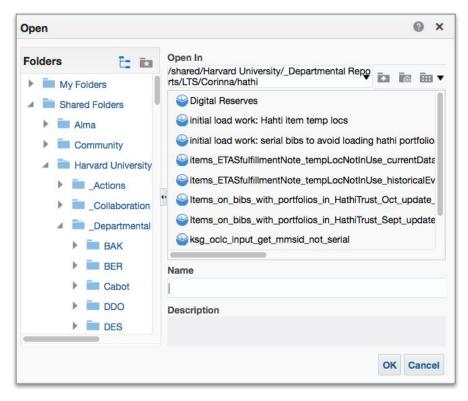
- Barcode
- Temporary Physical Location In Use
- Temporary Library Code
- Temporary Location Code
- Temporary Item Policy
- Lifecycle (Item) <u>filter to Active</u>
- Holding suppressed = <u>filter to 1 (No)</u>
- Internal Note 1
- Internal Note 2
- Internal Note 3
- Library Code
- Location Code
- Description
- Fulfillment Note
- Item Policy
- MMS Id filter to "is based on results..."
- Title



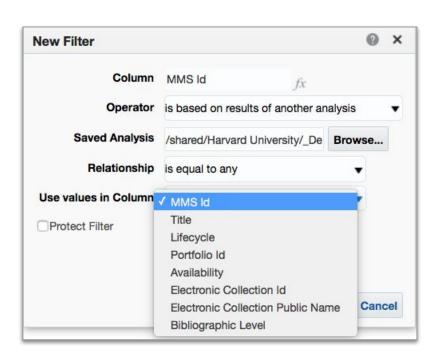
MMS ID Filter Operator:

"is based on results of another analysis"

Use the Browse button to find your feeder report... note the horizontal scroll bar!



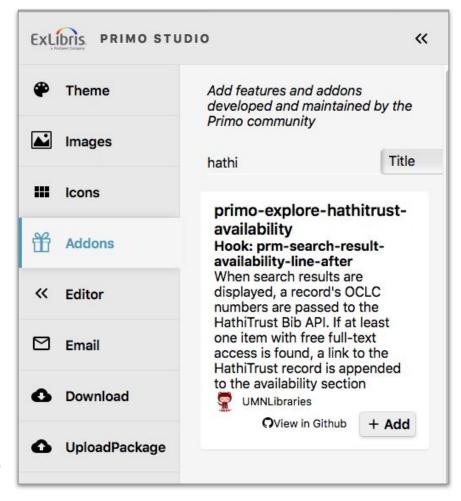
Browse option for finding your feeder report



Select the MMS ID field from the feeder report

Primo Studio Add-on

Customers who have written their own Primo add-ons contribute them to Primo Studio, and Studio allows other customers to easily add that code to their own site



Primo Studio

Primo Studio resources

- "Using Primo Studio" Ex Libris documentation
- Video: Ex Libris Feature Spotlight on Primo Studio
- Link to Primo Studio
- Primo developer channel on <u>IGELU-ELUNA Slack group</u>



Example of HathiTrust add-on from Primo Studio





Please complete the survey

Thank you!

Corinna Baksik corinna_baksik@harvard.edu

- Jump in on the conversation on the HathiTrust Community Slack:
 #2020-comm-week
- On social media: #HTCW20
- Use @cbaksik when referring to this session