

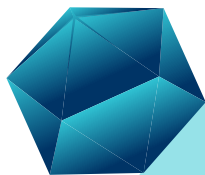


Getting Started with Cloud Apps

IGELU 2020 Digital Conference – Developers Day

Josh Weisman | VP Development | Resource Management

Open Platform in Numbers



200+

REST APIs
available in
Alma

50+

Standards supported
by Ex Libris products

6M

REST API calls made by
institutions **every**
single day

19M

Webhooks sent from
Alma last month

70+

Apps available for
download on the App
Center

Challenges with Community Apps

- Leveraging community apps is challenging for some non-technical users (runtime environment, API keys)
- Hosting apps puts a burden on the community developer to provide/monitor the app in production
- Standalone apps do not provide an integrated experience with the underlying product



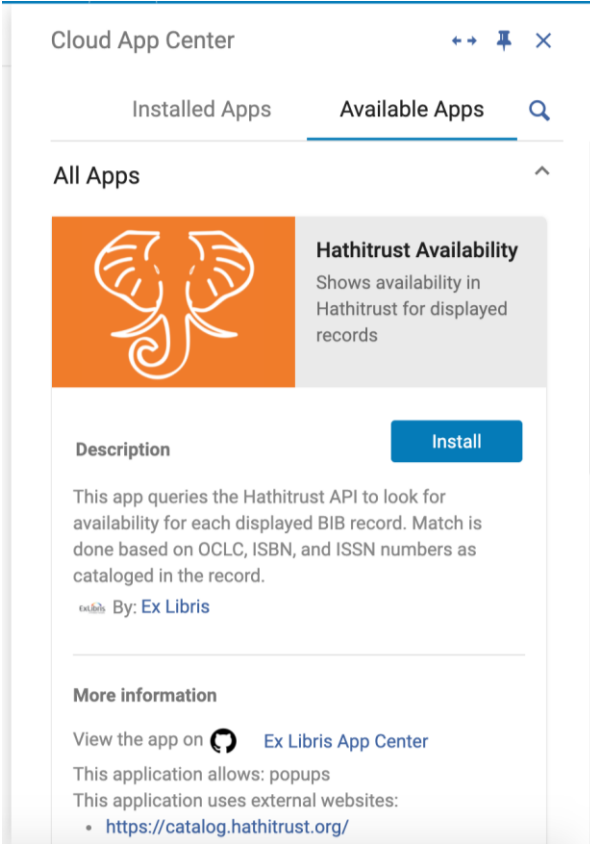
Introducing **Cloud Apps**, an open framework which enables apps written by Ex Libris community members to run *inside* the Ex Libris higher-ed cloud platform.

Cloud Apps can improve library **efficiency** by extending the functionality of Alma services and of other Ex Libris cloud solutions in an **agile** way.



Introducing Cloud Apps

- Cloud Apps are easily searched, installed, and launched within Alma by the end user
- Cloud Apps can respond to the context of the user's session, thereby offering additional functionality depending on the screen.
- Since Cloud Apps run in the Ex Libris platform, they don't require an API key or other local runtime environment.



The screenshot displays the 'Cloud App Center' interface. At the top, there are navigation icons for zooming in/out, a pin, and a close button. Below this, there are tabs for 'Installed Apps' and 'Available Apps', with a search icon to the right. The 'Available Apps' tab is selected. Underneath, there is a section titled 'All Apps' with an upward arrow. The first app listed is 'Hathitrust Availability', which features an orange square icon with a white elephant head. To the right of the icon, the app name is displayed in bold, followed by a description: 'Shows availability in Hathitrust for displayed records'. Below the description, there is a blue 'Install' button. Further down, the 'Description' section provides more details: 'This app queries the Hathitrust API to look for availability for each displayed BIB record. Match is done based on OCLC, ISBN, and ISSN numbers as cataloged in the record.' Below the description, it says 'By: Ex Libris'. A 'More information' section follows, with a link to 'View the app on Ex Libris App Center'. Below that, it states 'This application allows: popups' and 'This application uses external websites:', with a bullet point linking to 'https://catalog.hathitrust.org/'.

Benefits of Cloud Apps



Institutions can offer time-saving apps supported by the community while adhering to their governance policy.



Users can enjoy new functionality and streamlined workflows integrated into their working environment.



Developers can deliver innovative apps to their own institution and the wider community without the need to host or manage the runtime environment.

Use Cases

Cloud Apps written by Ex Libris or the community can be used for one of several use cases



Functionality

Adding new functionality not currently supported



Productivity












Workflow shortcuts or productivity enhancements



Integration

Integrating with external systems or data sources

Cloud Apps @ Launch

 <h3>HathiTrust Availability</h3> <p>Mark Gobat Alma Cloud App</p> <p>Queries the HathiTrust API to look for availability for each displayed BIB record. Match is</p>	 <h3>Print in LIBstick</h3> <p>Technion Israel Institute of Technology Alma Cloud App</p> <p>Integrates Alma with the LIBstick label printing service to generate physical items label/s. When</p>	 <h3>E-Collection Quick Update</h3> <p>Mark Gobat Alma Cloud App</p> <p>Currently in BETA. Select one or more records from a list of e-collections, and quickly update</p>
 <h3>Receive New Serial Items</h3> <p>Ori Miller Alma Cloud App</p> <p>Currently in BETA. Search for (or navigate to) a continuous PO line. Supports specifying the item</p>	 <h3>Invoice Line Tax Calculator</h3> <p>Josh Weisman Alma Cloud App</p> <p>This app allows you to configure tax rates per invoice line type. When you select invoices from a</p>	 <h3>Appointment Scheduler</h3> <p>Josh Weisman Alma Cloud App</p> <p>Provides a simple interface to schedule appointments or events for Alma users. Features</p>
 <h3>Alma Role Toggler</h3> <p>Jeff Peterson Alma Cloud App</p> <p>Quickly activate/deactivate an Alma user's roles.</p>	 <h3>CSV User Loader</h3> <p>Josh Weisman Alma Cloud App</p> <p>Create Alma users from a list in a comma separated file. Supports flexible configuration in multiple</p>	 <h3>Touchnet Payment Helper</h3> <p>Josh Weisman Alma Cloud App</p> <p>Integrates a "Pay with Touchnet" option when accessing a user with an open balance. For</p>
 <h3>Print Bib Records</h3> <p>Ori Miller Alma Cloud App</p> <p>Allows quickly printing records from the repository hit list. Provides an XSL-based printing</p>	 <h3>Alma Refine</h3> <p>Josh Weisman Alma Cloud App</p> <p>Refine bibliographic records with services that adhere to the OpenRefine standard.</p>	



DEMO: Getting Started with Cloud Apps



DEMO: Cloud Apps on the Developer Network

What's next?

- Cloud Apps generally available in the **August** release
- [Press release](#), [blog](#), & [marketing](#) and [demo](#) movies all released
- Knowledge Center [documentation](#) on configuring and using Cloud Apps
- Extensive [documentation](#) in the Developer Network on building Cloud Apps (including Getting Started Guide and Tutorials)





Q & A



Thank you!

josh.weisman@exlibrisgroup.com

