Interoperability Working Group Update

Josh Weisman | VP Development, Resources Management
• Developer Network
• Alma
• Primo
• Summon
• Rosetta
Updated Developer Network
Open Platform in Numbers

1.1 M
Webhooks fired from Alma last month

5
Higher Ed products use the API platform

35
Different standards supported by Ex Libris products

5 million
API calls are made by Alma institutions every single day
Ex Libris API Platform Around the World

https://api-ca.hosted.exlibrisgroup.com
https://api-eu.hosted.exlibrisgroup.com
https://api-cn.hosted.exlibrisgroup.com
https://api-ap.hosted.exlibrisgroup.com
https://api-na.hosted.exlibrisgroup.com
https://developers.exlibrisgroup.com
2019 Update – Investment in the Open Platform

FROM

CA API Gateway
Version 8.2

CA API Portal

TO

CA API Gateway
Version 9.2

Custom Portal
Benefits of the New Portal

• Updated responsive, mobile-friendly design
• New API Console / OpenAPI Specification
• Redesigned API Key management and reports
• Enhanced sharing platform- blog and forum
Updated Design

• Modern
• Responsive
• Mobile-friendly

Read the Blog

EDI Invoice format to distribute tax and charges
This aims to supplement the integration doc on EDI Invoice format, to detail the required format for distributing tax and service charge across the lines when importing EDI invoices. Alma can import EDI
New API Console

• OpenAPI Specification
• Easier to use
• Additional options
• Can be used in other tools
Redesigned API Key Management and Reports

- Intuitive interface
- Additional insightful reports
Enhanced Sharing Platform

• Even easier to share your story
• Improved blog editor
• More visibility for your content
Ex Libris App Center

• The place to showcase community-developed apps for Ex Libris solutions
• Consolidates resources available today in the blog, listservs, word-of-mouth
• Target audience is end users (e.g. system librarians)
App Center Content

- The App Center will contain apps which can be used by others
- Each app will have a homepage which includes a description, screenshots, and a link
- Some apps can be downloaded and installed locally
  - App Center will link to a download page
- Other apps can be used inside of Ex Libris products (i.e. campusM templates, Primo add-ons).
  - App Center will link to the installation process
Ex Libris App Center
Supercharge your Ex Libris solutions with apps developed by the community

Print Alma loans receipts
Nazareno Bedini | Alma | Extension

This extension for Alma adds a "Print Slip" button in the fulfillment Patron services Alma page when loans are made and/or displayed. Compatible with both the Firefox and Chrome browsers. The extensions source code is available on GitHub. For Firefox...

Library Search Assistant Plugin
Giulio Menna | Primo | Extension

An open-source Google Chrome extension for Exlibris Primo Libraries This Chrome plugin will permit users to reach and search your library’s Primo catalogue (and other services like Google Scholar, and WorldCat) without having to navigate to the Catalogue website first...

Search the App Center...

PRODUCT

Choose Product

MORE INFO

Third Iron API Services in Search Results
John Seguin | Primo | Add-on

Add Third Iron powered enhancements to your search results: LibKey Instant PDF

Newsletter Template
campus development | campusM | Add-on

A campusM template with placeholders for a headline and text.

VuFind
Demian Katz | Alma | Extension

VuFind is a library resource portal designed and developed for libraries by libraries. The goal of
App Curation

• Apps can be added by users via the Developer Network

• App owners manage the content of the app page; app pages can be saved in draft form

• Apps are approved by Ex Libris
Alma Apps

• Work has begun on a framework to enable developers to write apps which will run inside of Alma

• Apps will interact with the open page in Alma and use REST APIs to update data

• Example use cases might include
  • Add a role to a list of users
  • Update a list of bibliographic records
  • Format and print the entire tree of a bibliographic record, holdings, and items
Recently Released in the Open Platform

<table>
<thead>
<tr>
<th>Ex Libris Identity Provider</th>
<th>Other APIs</th>
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<tbody>
<tr>
<td>Secure authentication for internal users</td>
<td>Fines &amp; fees reports, filters for invoices, purchase req.</td>
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<th>APIs for Finance Workflow</th>
<th>Acquisitions APIs</th>
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<tbody>
<tr>
<td>Integration with ERP system via API</td>
<td>Invoice CRUD, restriction profile for vendors</td>
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<table>
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<tr>
<th>Local Authority APIs</th>
<th>NEW Developer Network</th>
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<tbody>
<tr>
<td>Full CRUD support for local authority records.</td>
<td>Updated and improved developer network</td>
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Coming Soon

MODS Support
Support for MODS format in publishing and SRU

OpenID Connect
Additional authentication protocol

APIs
Continual API improvements, e.g. adding "expected due date" to item API

Alma Apps
Just announced – framework to allow development of apps which will run inside of Alma.
Interested in More?

Join the session
“Extending Your Library with the Alma Open Platform”
Thursday, 12:15 – 1:00 pm
Room 204/205
Primo
Start Research in Commercial Search Engines

Make Your Library Catalogue Visible on the Web
Goal: Increase Organic Traffic

- Schema.org & Linked Data
- Make Primo UI Crawlable
- Search Engine Optimization (SEO)
  - Friendliness
    - Metadata structure
    - Canonical URL
- Dynamic Page Rendering
  - Requests from crawlers are routed to a renderer -> static HTML

- Build Sitemap (XML, HTML)
- Expose Special Collections, Institution Repositories
- Link to Your material based on User Intent
Primo Studio Updates

• Cooperate with Vendors to add their add-ons to Primo Studio e.g. BrowZine for easy integrations
• More community add-ons are available
• Icons Tab and ability to upload customized images in svg format
• New Editor for CSS/ JS / HTML allows easy adjustments after adding add-ons
Support Citation Style Language (CSL)

- Primo is now aligned with the Standardized citation format based on open source Citation Style Language (CSL), an XML-based format to describe the formatting of citations.
- Primo supports any styles that exist in the official repository for Citation Style Language (CSL) in the GitHub repository
- New and changed styles will be refreshed with the updated GitHub code base on a quarterly basis for Primo.
Enhanced Primo REST API Suite

• Completion of Open Primo REST API Suite for Primo VE
• In the roadmap:
  • Open Primo REST API Suite with exploration services
Summon Interoperability

• 2018
  • Support for course reserves for Summon over Alma customers

• 2019
  • Integration with Leganto
Rosetta 6.0

- **SAML** - support authenticating by using any attribute as a unique ID
- A new **API** enables adding representations of any type to an IE in the permanent storage
- Support for **SRU** request on the file level
Rosetta 6.0

• **SRU** responses now distinguish between full and partial query results due to unavailable index servers

• **Google Cloud** - Rosetta out-of-the-box set of permanent storage handler plugins was expanded to include Google Cloud, in addition to existing Amazon, Netapp and NFS storage handlers
Upcoming Rosetta Versions

• Major upgrade of Solr to **SolrCloud**, providing high scalability, fault tolerance, and distributed indexing (6.1)
• **Java** Major upgrade to Java 11 (6.1)
• **Plugin** for depositing files to multiple storage locations (6.2)
THANK YOU!

josh.weisman@exlibrisgroup.com