Increasing the Library’s Impact

Product Update & Strategy

Shlomi Kringel, Corporate VP
Hila Lamm, VP Teaching and Learning solutions
Yuval Kiselstein, Director of Product Management, Discovery solutions
Increasing the Library’s Impact Across the Institution

Instructors

Students

Researchers

LIBRARY
Supporting the Library’s Growth

Teaching & Learning solutions

Discovery solutions

Research services platform
Supporting the Library’s Growth

- Teaching & Learning solutions
  - Growing adoption: > 50 Leganto customers
  - Extensive usage: > 1.5 M Leganto page views

- Discovery solutions
  - Growing community: > 3,400 institutions
  - Increased usage: +30% vs. 2016

- Research services platform
  - 5 development partners
  - Comprehensive study

More scholarly resources:
- >520 collections indexed

Supporting the Library’s Growth
The Power of Collaboration: Community in Action

- First NERS voting
- Summon on the Idea Exchange and Developer Network
- Summon Product Working Group

- Strong community involvement
- >240 votes for ideas
- NERS process starting

- 5 NERS enhancements implemented
- >230 ideas suggested, 11 ideas implemented/planned
- Close engagement with the developers community

- Development partners
- Joint work with librarians & Researchers
Number of Searches Grows

Avg. searches per institution, worldwide, Apr. 2015 – Apr. 2017

Avg. search per institution/month, Apr. 17: 99.5K
Apr. ‘15 – Apr. 17: +77%
The Power of Synergy: Enriching Discovery

**Summon**
- bX Article Recommender
- OBI analytics & reports
- Preview environment
- Integration with Alma

**Shared Content**
- > 2.9 billion records
- > 4,000 databases
- Unified ingestion process
- Metadata librarians team → Indexes remain separate

**Primo**
- Extended collection coverage
- Resource recommender
- Enhanced integration with Alma
- Enriched with Ulrich’s metadata
The Power of Openness

Primo

- Open Discovery Framework
  - Extend Primo services & functionality
  - Embed external services
  - Add components
  - Customize and develop on local server
  - Share with the community!
- Enhanced linked open data
- Primo Hackathon

Altmetrics integration

Adding Search Tips

Openness & collaboration:
The case of the new Primo UI

www.resources.exlibrisgroup.com/opendiscovery
The Power of Openness

Summon

- Integration with open source discovery
- Enhanced APIs
- Developer Network
- Open documentation: Customer Knowledge Center
Continuous Innovation: Discovery Product Strategy and Roadmap
“All happy libraries are alike...”

(and if your library isn’t, let’s talk...)
Discovery Product Strategy: Making Libraries (and users) Happy

- Expand and enrich discoverable content
- Enhance user experience
- Empower libraries & librarians
- Embed discovery in the academic ecosystem

Driven by community collaboration and open integrations
Expanding and Enriching Discoverable Content

- Further expand collections coverage
- Enrich metadata with controlled vocabulary
- Promote Open Access
- Enhance use of multimedia content
Enhancing the User Experience

• Search & Ranking
  • Mixed results
  • Optimized academic resources boost
  • Search expansion with controlled vocabulary
  • Related items

• New Primo UI
  • New exploration services
  • Enhanced usability vs. classic UI
  • Customizations and extensions using open framework
  • Performance optimizations

Learn more:

New Primo UI & Open Discovery Framework

Nili Natan
Tue., 16:30
Enhancing the User Experience: The Power of Big Data

Big data analysis

Databases & Full Text
Metadata & Taxonomies
> 6.5 M Searches a Day

Exploration

Citation Trail
Resource Recommender
Topic Explorer
bX Article Recommender
Syndetics Unbound

New research paths
Richer learning experience

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Enhancing the User Experience: The Power of Big Data

Citation Trail

Resource Recommender

Learn more:

Discovery Content and Beyond: Content and Big Data Analytics

Christine Stohn & Eddie Neuwirth

Tue., 13:45
Astronomy and the Fall of Babylon
by Gunzadian, V.G.
11/2003
...Tables of relative chronologies of principal kingdoms of Mesopotamia are given, along with some dates associated with the fall of Babylon in II millennium B.C...
Journal Article: Full Text Online

Babylon to Voyager and beyond: a history of planetary astronomy
by Leverington, David
2003
Book: available, EMU, QB601. L59 2003, 3rd Level

Astronomy and the fall of Babylon
by Vane G Gunzadian
Sky and Telescope, 07/2000
Now we could fix a date for the fall of Babylon. We had the date of the fall of Ur, and the ancient records were detailed enough for us to establish, within...
Magazine Article: Available Online

Astronomy and the Fall of Babylon: Pottery, lunar eclipses, and state-of-the-art analytical techniques solve a 3,500-year-old mystery
by Gunzadian, Vane G
Empowering Libraries: Summon Integrated with Alma

Unified management & discovery of resources

End-to-end resource delivery & fulfilment

Integrated and advanced patron services

- Eastern Michigan University – live from May ’17
- >15 customers planned to go live in the coming months
- Rich roadmap
Empowering Libraries: Primo VE

Simplifying & expediting library workflows through a unified back office management of Primo and Alma

- Reduction of duplicated admin processes
- Seamless publishing processes
- Real-time discovery of records created in Alma
- Improved product implementation process
- Easy configuration and setup
- Monthly releases synced with Alma release cycle
Primo VE Rollout

1. Development partners & early adopters

Learn more:

Primo VE: Optimized for Alma

Yisrael Kuchar
Tue., 13:45

New Alma-Primo customers

- New Alma-Primo implementations, including consortia

From 2018

Seamless transition for patrons:
- Same new Primo UI
- Same Primo Central index

From H2 2018
The Primo Open Discovery Challenge

Lewis & Clark College
Project: Custom actions
Project lead: Nick Budak
Custom links can be added to the actions menu on Primo brief results and full display

St. Olaf College
Project: BrowZine Integration
Project lead: Sarah Johnston
Use BrowZine API to generate links to journal issue contents, for both journal and article records

OBVSG
Project: OBV Central Package
Project lead: Ulrich Leodolter
Using Primo consortia capabilities to create a look & feel based on the consortia’s guidelines
Discovery solutions
Your digital gateway to a wealth of resources
Discovery Product Focus Areas

- Enhanced Content & Metadata
- Exploration & Relevance
- User Interface
- Library Productivity
- Collaboration and Openness
Discovery Product Focus Areas

- Enhanced Content & Metadata
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Expand and Enrich Discoverable Content

Promote Open Access

- A company-wide focus: Unique collections, discovery index, linking, resource management tools
- Today: Over 220 M index items identified as “Open Access”
- Roadmap focus areas:
  - Review and index additional openly available content
  - Index and externalize institutional repositories
  - Improve discoverability of OA items – search, filters, indicators, reports

Enhance content coverage

- Community driven: NERS voting, Idea Exchange Content forum (New!)
- Finalizing remaining Primo-Summon content gaps

Leverage multimedia content

- Enrich discovery experience with video content (e.g. Alexander Street)

Enrich metadata with controlled vocabulary

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Improve Discoverability of OA items

1. Global gray water footprint and water pollution levels related to anthropogenic nitrogen loads to fresh water by Halkonen, Merja M.; Heikilä, Anni V.
   Environmental science & technology. 2015, Volume 49, Issue 21
   This is the first global assessment of nitrogen-related water pollution in river basins with a specification of the pollution by economic sector, and by crop for the agricultural sector...

2. Water Pollution Detection Based on Hypothesis Testing in Sensor Networks by Liao, Xia; Yang, Jun
   ... of pollution materials are discharged into the water environment such as rivers and lakes, and more water pollution disasters have happened. Detecting the pollution timely is important...

3. Spatiotemporal Analysis of Heavy Metal Water Pollution in Transitional China by Huxuan Li; Yingyu Li; Ming-Kuei Lee
   Sustainability, 07/2015, Volume 7, Issue 7
   ... This study will advance the knowledge of heavy metal water pollution in China from a spatial-temporal perspective...
Expand and Enrich Discoverable Content

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Discovery Product Focus Areas

Enhanced Content & Metadata

Exploration & Relevance

User Interface

Library Productivity

Collaboration and Openness
Search and Find – Highlights

Search expansion with controlled vocabulary
Based on LC subjects, MeSH, and Wikipedia

General search improvements
• Improved performance for long queries and queries including common words
• Improved handling of diacritics and accented characters
• Added option to use truncation in searches with quotation marks

Increase glanceability and linking for Primo Central preferred records in a group
Enrich preferred record with fields from other records in the same group
Search and Find – Coming Next

- Improve and enhance the “Did you Mean” function
- Improve discovery of newspaper articles
- Enhance search expansion with controlled vocabulary
- Contextual relations between items: Data/R&D lab
Clicking search is just the beginning of the research journey
The private provision of public environment: Consumer preferences for organic production systems
by Aldanondo-Ochoa, Ana María; Almansa-Sáez, Carmen

Land Use Policy, 2009, Volume 26, Issue 3

... in the potential of organic-labelling to correct environmental externalities in agriculture. Organic agriculture, like any other “green” labelling programme, is a mechanism...

Journal Article: Full Text Online
Discovery Beyond Searching: Citation Trail
Discovery Beyond Searching: Citation Trail
Enhanced DB Recommended and Best Bet
Resource Recommender

• Direct users to suggested resources

• Recommending the librarian

• Results for non standard search (e.g. opening hours)
Discovery Product Focus Areas

- Enhanced Content & Metadata
- Exploration & Relevance
- User Interface
- Library Productivity
- Collaboration and Openness
Overview of Enhanced User Interface – The Benefits

Improve usability and responsive behavior through enhanced and refreshed design

✓ Delivers modern user interface to improve user engagement
✓ Makes it easier to search for, navigate, and refine results
✓ Increases patron ability to leverage integrated tools
✓ Enhances visibility of recommended resources
Integration with Syndetics Unbound

• Create a richer user experience on the catalog records

• Additional exploration paths
New Primo User Interface

Over 300 live customers!

Out-of-the-box or customized

Great feedback from users
Digital Collections – New Look and Feel

- Ease of navigation
- Items in a grid and gallery view
- Save your favorite collections
Digital Collections – New Look and Feel
Discovery Product Focus Areas

- Enhanced Content & Metadata
- Exploration & Relevance
- User Interface
- Library Productivity
- Collaboration and Openness
Summon over Alma: Increasing Library Productivity

Unified management & discovery of resources

End-to-end resource delivery & fulfilment

Integrated and advanced patron services
Maintain the Same Discovery Experience

- Addition of My Account and Journal Search
- Consistent interface
- Customizations maintained
- No impact on training and instruction
New Design for the Settings Tab in the Summon Admin Console

- Loads Faster
- Streamlines Navigation
- Simplifies Setting Activation
Library Productivity

- Additional display fields
- Changing author links
- Additional reports
Discovery Product Focus Areas

- Enhanced Content & Metadata
- Exploration & Relevance
- User Interface
- Library Productivity
- Collaboration and Openness
Summon Collaboration

- Dev network
- NERS
- Additional APIs
  - Topic Explorer
  - Improved Availability
Primo Open Discovery Framework – Essentials

- Customize, Develop & Collaborate
- Immediate display of changes
- Manageable upgrades
- Simple way to display default ‘factory’ UI
- Share with the community
Primo Open Discovery Framework – Customer Examples
Primo API’s

Coming Soon: Publication of Primo Rest API as used by the new interface

• Well documented in Primo developer network
• Integrated with Ex Libris API Gateway
• Including:
  • Search API
  • Full record page
  • Favorites
  • Push to Actions
  • Personal settings
  • Resource Recommender
  • Citations Trails
  • And More ...
Seamlessly enrich the user interface with linked open data from external sources related to the records discovered

Expose library records in common schemas to be indexed by Internet search engines
It was a great year...

But Guess What ...
Next year is going to be even more exciting...

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Join Us to Learn More!

- **SFX Product Update**  
  *Mon., 15:00, Deyneka 1+2*

- **Summon Product Update**  
  *Mon., 15:00, Pudovkin 1+2*

- **360 Product Update**  
  *Mon., 16:30, Deyneka 1+2*

- **Primo Optimized for Alma – Primo VE**  
  *Tue., 13:45, Sternberg 1+2*

- **Discovery Content and Beyond: Content and Big Data Analytics**  
  *Tue., 13:45, Petrov-Vodkin 2+3*

- **New Primo UI & Open Discovery Framework**  
  *Tue., 16:30, Petrov-Vodkin 2+3*
Teaching & Learning: Helping libraries thrive in a new era

Hila Lamm, VP Teaching and Learning solutions
Yande Ardana, a Balinese photographer, River Dam
Millennials

- Dynamism: rich media, lighting or rotations
- Bleeding-over communication
- Multi-sensory processing capacity

Their Parents

- Repetitions
- Suppress distraction
- Broader attention span and is open to more information
It’s a new era

Otto Berkeley, photographer
Key concepts:
• Automation
• Collaboration
• Personalization
• Analytics
Leganto: embracing the key concepts to help libraries thrive in a new era
Automation

Collection optimization recommendations

Digitization

Automatic citation extraction

Course rollover

Copyright rule engine
Personalization

Notifications

My to do list & my progress

Recommendations
Analytics and Data Driven
Join Us to Learn More!

- **Leganto Product Update**  
  *Mon., 16:30, Petrov-Vodkin 1*

- **Leganto in Action (Demo)**  
  *Tue., 12:00, Deyneka 1+2*

- **Leganto: What we have learned and where we are heading**  
  *Tue., 13:45, Deyneka 1+2*
THANK YOU
Hila.Lamm@exlibrisgroup.com