

Primo Product Update

Yuval Kiselstein , Head of Product Management

May 2017

What Makes Primo Unique ?

Community engagement and collaboration



Monthly Webex meetings with the PWG



Multiple channels for collaboration
(Base camp, SLACK, Ideas Exchange)



4 webinars with customer community



1

votes

Pay for pwg meal

Posted in [Primo](#) » [Other](#)

User story: the poor pwg group at Frida's in Trondheim is broke. Please pay for the meal.

☐ [Anonymous](#) on Sep 7, 2016 ([0 comments](#))



1 ideas exchange for dinner...



A year Ago – ELUNA 2016.....



Enhanced User
Experience



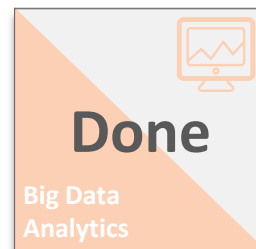
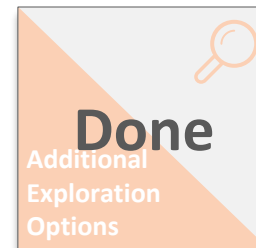
Enhanced Primo
Central Content



Library
Empowerment



Discovery
in Context



Discovery Product Strategy



**Enhanced Content
& Metadata**



**Exploration
& Relevance**



**User
Experience**



**Library
Empowerment**

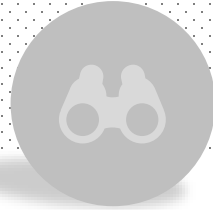


Openness

Discovery Product Strategy



**Enhanced Content
& Metadata**



**Exploration
& Relevance**



**User
Experience**



**Library
Empowerment**



Openness

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



Enrich discovery with controlled vocabulary



Leverage multimedia content

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

Discovery Product Strategy



Enhanced Content
& Metadata



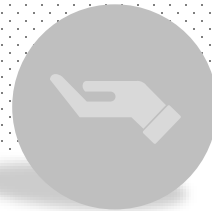
Exploration
& Relevance



User
Experience



Library
Empowerment



Openness

Search and Find – Highlights



Increase the result mix for ambiguous topic searches (1 – 3 words)

- Provide a mix of overview and specialized research material



Continuous adjustments to the ranking algorithm



Increase glanceability and linking for Primo Central preferred records in a group

- Enrich preferred record with fields from other records in the same group

Virtually Enriched Records

ExLibris

NEW SEARCH

CITATION LINKER

AZ JOURNAL LIST

Press F11 to exit full screen

Guest
ENGLISH

No enrichment

New - enriched



ARTICLE / multiple sources exist. [see all](#)

Sound

Weiner, Isaac

Routledge Article

Material Religion, 01 March 2011, Vol.7(1), p.108-115[Peer Reviewed Journal]

[Full text available](#)

TOP

SEND TO

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LINKS

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EXPORT RIS



REFWORKS



ENDNOTE



CITATION



PERMALINK



PRINT

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[Link to Online Resource](#) >

Details

Title

Sound

Author

[Weiner, Isaac](#) >

Subjects

[Article](#) >

Is Part Of

Material Religion, 01 March 2011, Vol.7(1), p.108-115

Publisher

Routledge

Language

English

Identifier

ISSN: 1743-2200

E-ISSN: 1751-8342

DOI: 10.2752/175183411X12968355482259

Source

Taylor & Francis Group



ARTICLE / multiple sources exist. [see all](#)

Sound

Weiner, Isaac

Routledge fulldisplay.datasources. ISSN: 1743-2200 ; E-ISSN: 1751-8342 ; DOI:

10.2752/175183411X12968355482259

Material Religion, 01 March 2011, Vol.7(1), p.108-115[Peer Reviewed Journal]

[Full text available](#)

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[Weiner, Isaac](#) >

Subjects

[Article](#) >

Is Part Of

Material Religion, 01 March 2011, Vol.7(1), p.108-115

Description

How does one depict sound in a visual format? What photographic image would best exemplify the relationship between sound and materiality? Perhaps we could consider the sources of religious sounds. We could study pictures of vibrating bells and gongs, of certain practices and images of electro-acoustic loudspeakers, of musical instruments.

Search and Find – Coming Next



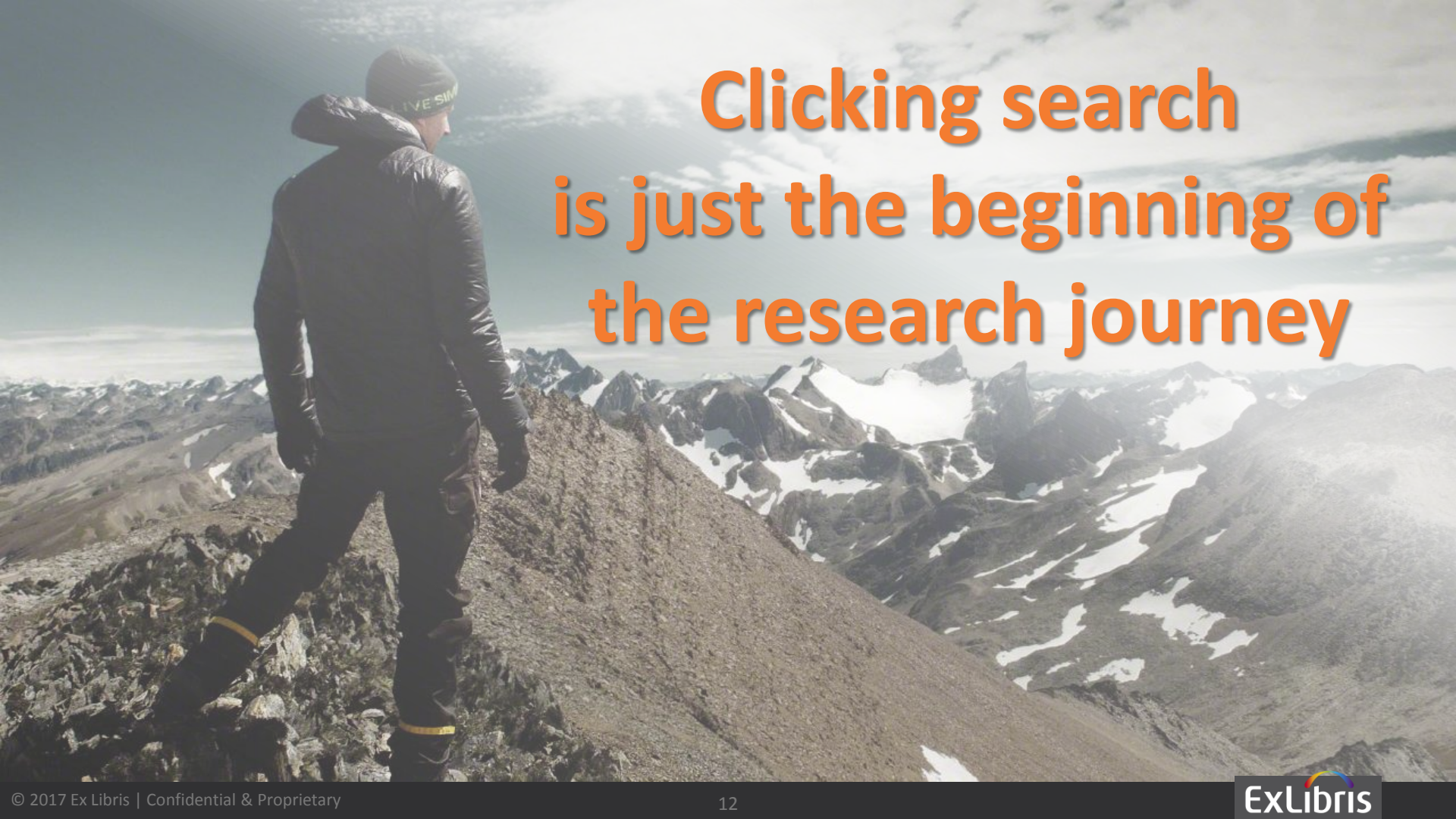
**New algorithm for
CJK language search**



**Extension to
mixed result list**

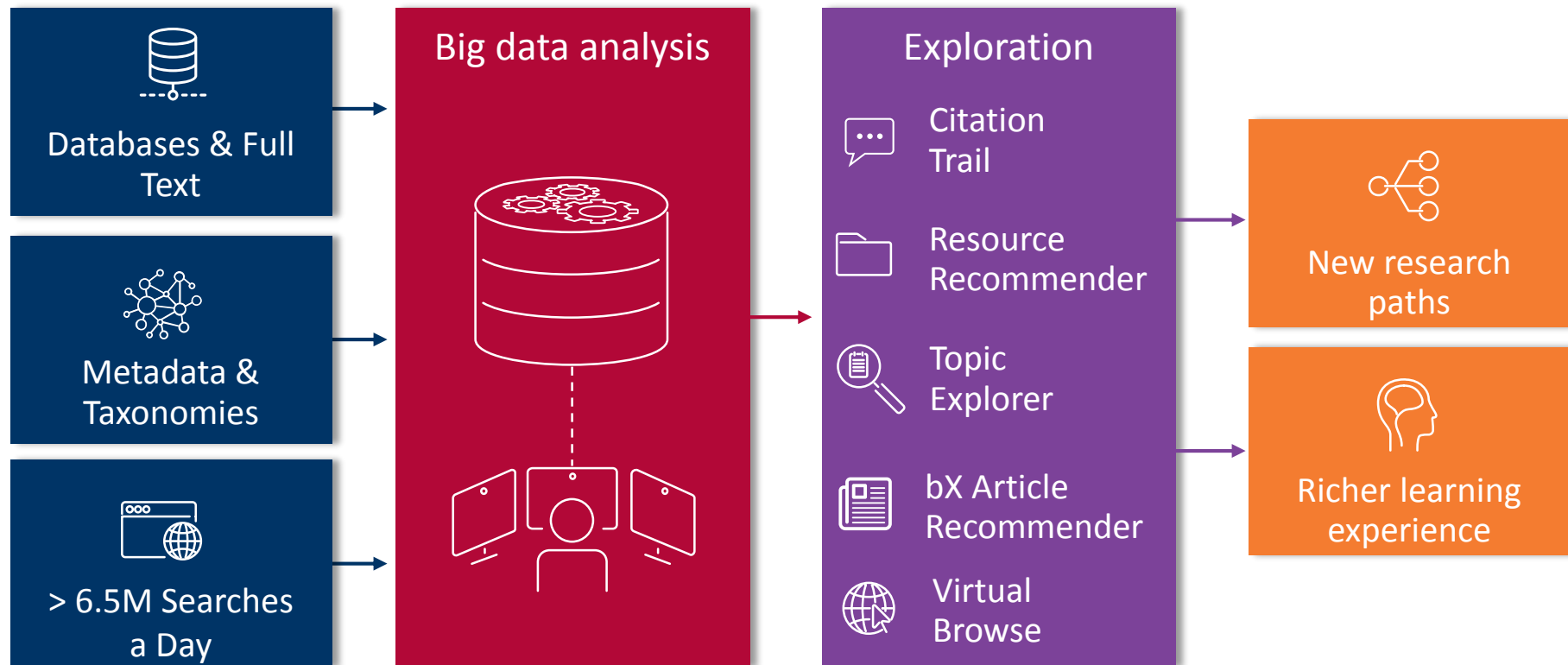


**Search expansion with
controlled vocabulary**



**Clicking search
is just the beginning of
the research journey**

Discovery beyond searching : The Power of Big Data



Discovery Beyond Searching: Citation Trail

15

16

17

PAGE 2

TOP

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Links

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[alma_tab2_full](#) >

Citations


Find sources citing this or sources cited in this


[View SciVerse Scopus](#) >

Tags

ADD YOUR OWN TAGS


Discovery Beyond Searching: Citation Trail

LIBRARY SEARCHCOLLECTION DISCOVERYFETCH ITEMJOURNAL SEARCHBROWSE

Your current citation path


🔗 NOW LISTING SOURCES CITING:

[Social Robots as Embedded Reinforcers of Social Behavior in Children with Autism](#)
Kim, Elizabeth ; Berkovits, Lauren ; Bernier, Emily ...

This result list contains items that are citing this article. Note that this is not necessarily a complete list of citations.  DISMISS

PAGE 1 21 Results

1










ARTICLE / multiple sources exist. [see all](#)

How do typically developing children and children with autism perceive different social robots?


Peca, Andreea ; Simut, Ramona ; Pintea, Sebastian ; Costescu, Cristina ; Vanderborcht, Bram
Computers in Human Behavior, December 2014, Vol.41, pp.268-277[Peer Reviewed Journal]

🔗 of the [social robots](#) isolated from the [behavior](#). We... [children](#) to relate the appearance to the exaggerated [social cues](#) may help 🗣

[Full text available](#) 








2





ARTICLE / multiple sources exist. [see all](#)

The effects of embodied rhythm and robotic interventions on the spontaneous and responsive verbal communication skills of children with Autism Spectrum Disorder (ASD): A further outcome of a pilot randomized



PAGE 1





Discovery Beyond Searching: Citation Trail

 Your current citation path

 Social Robots as Embedded Reinforcers of Social Behavior

 How typically developing children and

 CAN THE SOCIAL ROBOT PROBO HELP CHILDREN ...

🔗 NOW LISTING SOURCES CITED IN:
Mapping Robots to Therapy and Educational Objectives for Children with Autism Spectrum ...
Huijnen, Claire A. G. J. ; Lexis, Monique A. S. ; Jans...

This result list contains items that are cited by this article. Note that this is not necessarily a complete list of citations.  DISMISS

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Social Robots as Embedded Reinforcers of Social Behavior in Children with Autism

Kim, Elizabeth ; Berkovits, Lauren ; Bernier, Emily ; Leyzberg, Dan ; Shic, Frederick ; Paul, Rhea ; Scassellati, Brian
Journal of Autism and Developmental Disorders, 2013, Vol.43(5), pp.1038-1049[Peer Reviewed Journal]

[Full text available](#)  >

2



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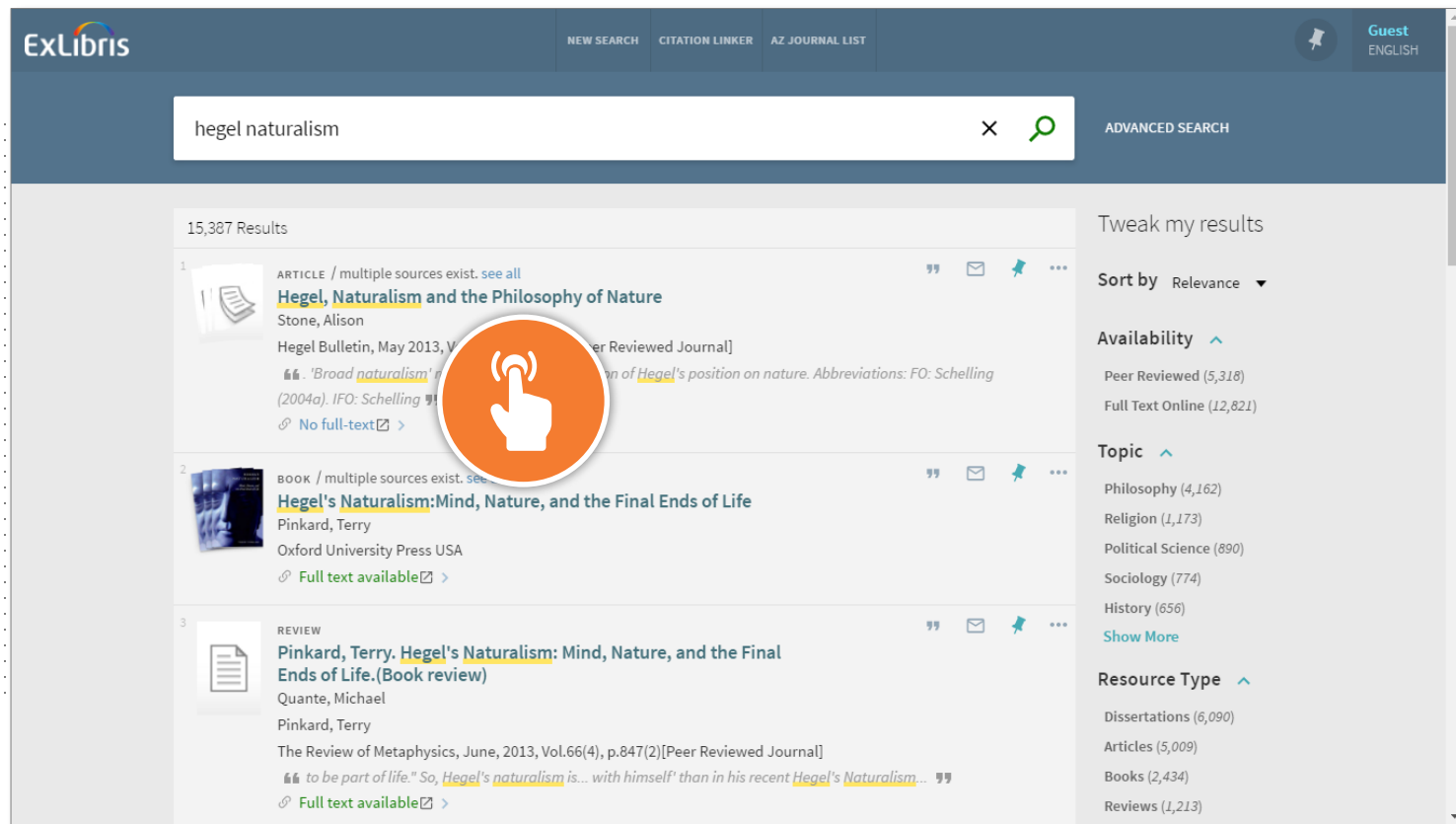
CAN THE SOCIAL ROBOT PROBO HELP CHILDREN WITH AUTISM TO IDENTIFY SITUATION-BASED EMOTIONS? A SERIES OF SINGLE CASE EXPERIMENTS

Pop, Cristina Anamaria ; Simut, Ramona ; Pintea, Sebastian ; Saldien, Jelle ; Rusu, Alina ; David, Daniel ; Vanderfaeillie, Johan ; Lefeber, Dirk ; Vanderborgh, Bram
International Journal of Humanoid Robotics, 1 August 2013, Vol.10(03)[Peer Reviewed Journal]

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Discovery Beyond Searching: bX Article Recommender



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NEW SEARCH CITATION LINKER AZ JOURNAL LIST

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ENGLISH

hegel naturalism X 🔍

ADVANCED SEARCH

15,387 Results

1  ARTICLE / multiple sources exist. [see all](#)


Hegel, Naturalism and the Philosophy of Nature

Stone, Alison

Hegel Bulletin, May 2013, Vol. 66(4), p. 847(2) [Peer Reviewed Journal]

“Brood naturalism” is a term used by Hegel to describe his position on nature. Abbreviations: FO: Schelling (2004a). IFO: Schelling (2004a). IFO: Schelling (2004a).

[No full-text](#) >


2  BOOK / multiple sources exist. [see all](#)

Hegel's Naturalism: Mind, Nature, and the Final Ends of Life

Pinkard, Terry

Oxford University Press USA

[Full text available](#) >

3  REVIEW

Pinkard, Terry. Hegel's Naturalism: Mind, Nature, and the Final Ends of Life. (Book review)

Quante, Michael

Pinkard, Terry

The Review of Metaphysics, June, 2013, Vol. 66(4), p. 847(2) [Peer Reviewed Journal]

“to be part of life.” So, Hegel's naturalism is... with himself” than in his recent Hegel's Naturalism...

[Full text available](#) >

Tweak my results

Sort by Relevance ▾

Availability ^

Peer Reviewed (5,318)

Full Text Online (12,821)

Topic ^

Philosophy (4,162)

Religion (1,173)

Political Science (890)

Sociology (774)

History (656)

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Resource Type ^



Dissertations (6,090)


Articles (5,009)

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Discovery Beyond Searching: bX Article Recommender





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Hegel, Naturalism and the Philosophy of Nature

Stone, Alison

Hegel Bulletin, May 2013, Vol.34(1), pp.59-78[Peer Reviewed Journal]

“Broad naturalism” remains the best description of Hegel's position on nature. Abbreviations: FO: Schelling (2004a). IFO: Schelling

No full-text

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Title Hegel, Naturalism and the Philosophy of Nature

Author Stone, Alison


Is Part Of Hegel Bulletin, May 2013, Vol.34(1), pp.59-78

Description In this article I consider whether Hegel is a naturalist or an anti-naturalist with respect to his philosophy of nature. I adopt a cluster-based approach to naturalism, on which positions are more or less naturalistic depending how many strands of the cluster naturalism they exemplify. I focus on two strands: belief that philosophy is continuous with the empirical sciences, and disbelief in supernatural entities. I argue that Hegel regards philosophy of nature as distinct, but not wholly discontinuous, from empirical science and that he believes in the reality of formal and final causes insofar as he is a realist about universal forms that interconnect to comprise a self-organizing whole.


Related reading




Hegel's Naturalism
Terry P. Pinkard
BOOK suggested by bX




On Naturalism in Hegel's
Philosophy of Spirit.
Julia Peters
British journal for the history of...
ARTICLE suggested by bX



Arendt and Adorno :
Political and...
Lars Rensmann
.2012
BOOK suggested by bX



Kindergartens in Cognitive
Times: Imagination as a...
Marilyn Fleer
International journal of early ch...
ARTICLE suggested by bX



The Rise of the Non-
Metaphysical Hegel
Simon Lumsden
Philosophy Compass.2007, Vol. ...
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Related items: Data/R&D lab

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Gabriel García Márquez 1927-2014. 1970

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REVIEW / multiple sources exist. [see all](#)


One Hundred Years of Solitude. (Book Review)(Brief Review)

Rogers, M;

Library Journal, Jan, 1996, Vol.121(1), p.150

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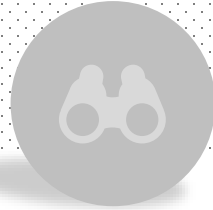
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Discovery Product Strategy



Enhanced Content
& Metadata



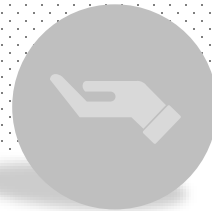
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User
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Library
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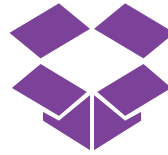


Openness

Primo New UI



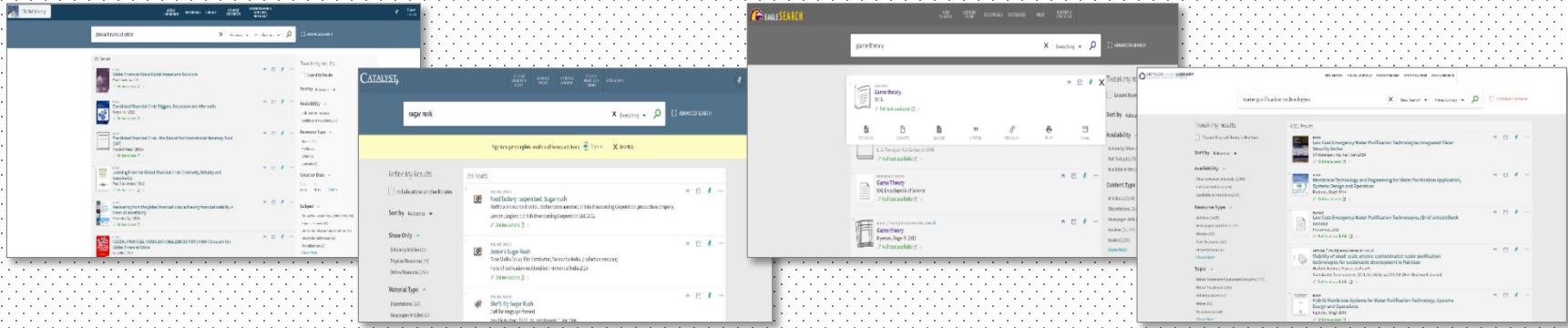
Over 100 live customers!



Out-of-the-box or customized



Great feedback from users





First look at Primo's new UI

They did a great job and developed a UI that is responsive, modern and (mostly) easy to use

<https://libux.co/primo-user-interface/>

First look at Primo's new user interface

Impressions of some key innovations of Primo's new UI as well as challenges involved making customizations.

February 28, 2017 by **Ron Gilmour**

Ex Libris recently did a complete overhaul of the user interface for their Primo discovery layer. They did a great job and developed a UI that is responsive, modern, and (mostly) easy to use.

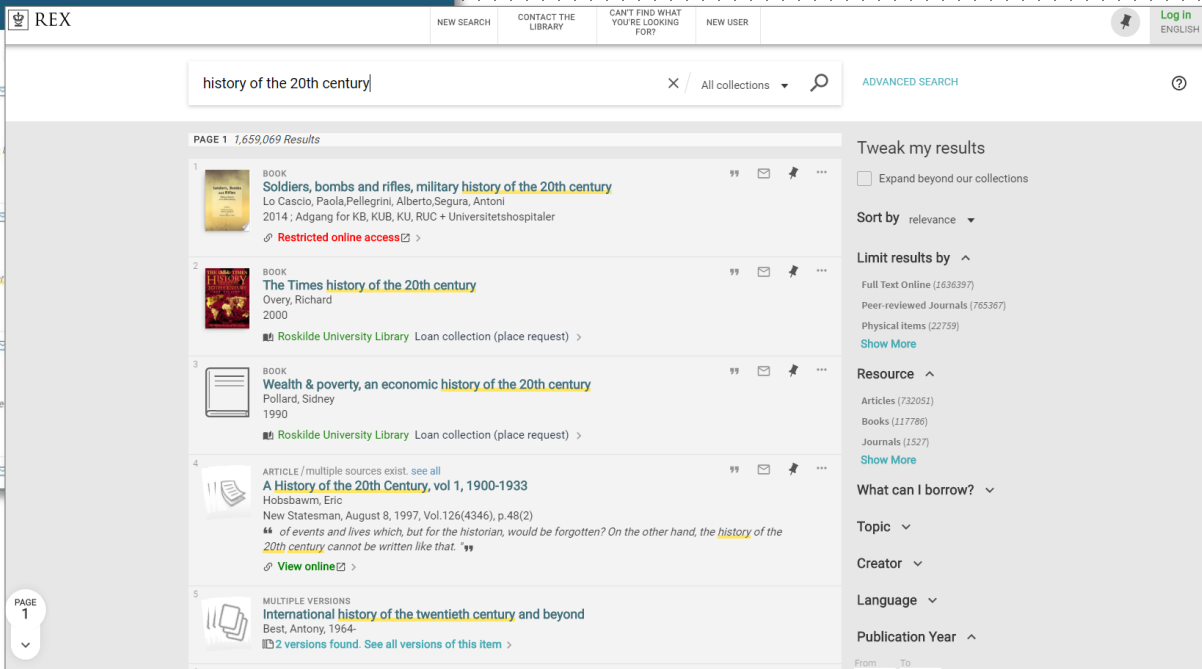
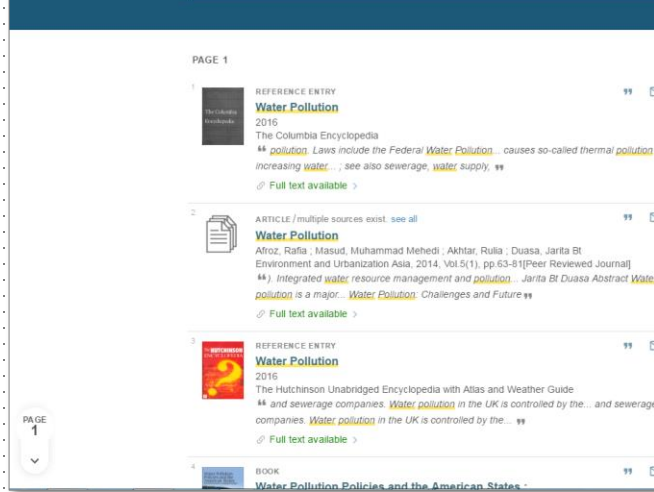
In this article I'd like to first look at some key innovations of Primo's new UI and then discuss the process of implementing local customizations and some of the challenges involved.

The New UI

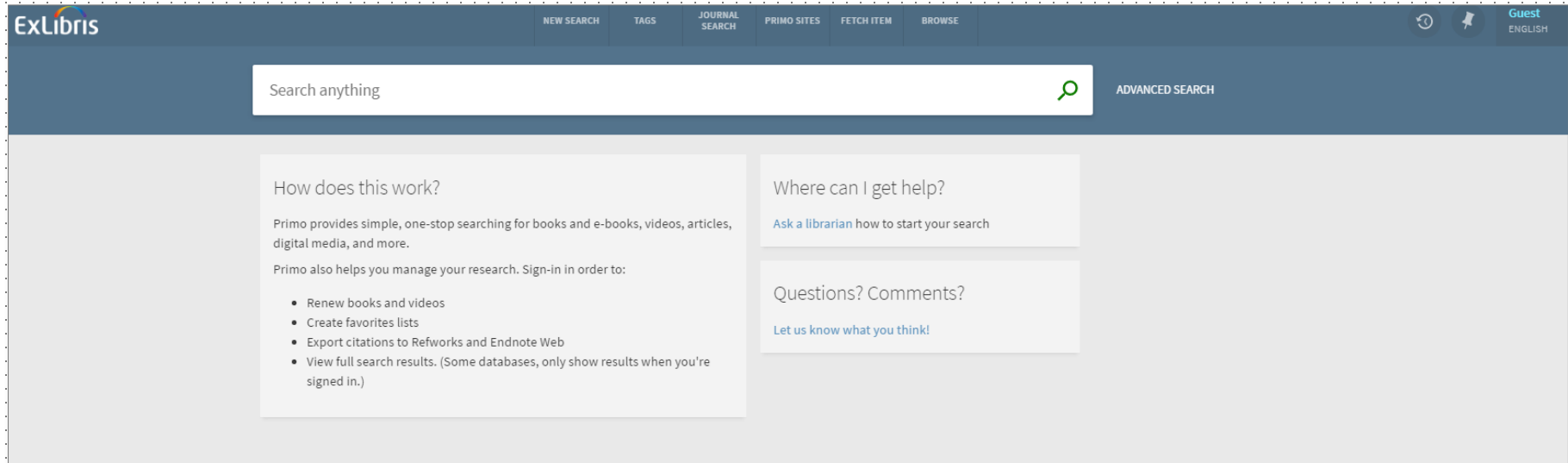
I'm not a big fan of tabbed interfaces and was always bothered by the distribution of item information across tabs in the old Primo interface (e.g., Locations, Details, and Browse). As a user, I found that even when I saw exactly what I wanted in a list of results, I still had to spend a second thinking about where I needed to click next (assuming I wanted more than just a call number).



Few Customers Examples




Let's Have A Look



And there's much more to come...

Local SearchVolcano Island UniversityADVANCED SEARCH



Shaun Akhtar
Online
[Chat online](#)
[Send an email](#)

SUGGESTED LIBRARIAN

[Some website name](#)
Lorem ipsum dolor sit amet, consectetur adipiscing elit.
Dolorem veritatis assumenda excepturi!

RECOMMENDED WEBSITE

[PubMed Central](#)
1800's-present; PubMed is a service of the U.S. National Library of Medicine that includes 26+ million citations from MEDLINE and other life science journals for biomedical articles. PubMed includes links to full text articles and other related resources. [This resource is publicly available.] The Library also has access to MEDLINE via Web of Science and via Ovid Medline.

RECOMMENDED DATABASE

☐ Expand my results

Sort by Relevance


Availability
Available in the library
Full text online (1287)
[Show more](#)

Subject
Aquifers (46)
inking water (76)
Geology (59)
Groundwater (397)
Groundwater flow (97)
Hydrology ()
[Show more](#)


Author/Creator
Geological Survey (544)
Geological Survey US, w
Illinois state water (66)
National water quality
sdfsdf fhsdssfsdf (11)
jdoerjg b. sd (53)
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Collection


PAGE 1 of 1,202 results [Save Query](#)




BOOK
Corrosion of unspecified degree of left ear [any part, except ear drum], initial encounter
Dislocation of tarsal joint of right foot, subsequent encounter
[Check holdings at Volcano Campus Eng Library Periodicals \[Level B\]](#)



BOOK
Other specified diabetes mellitus with other oral complications
Nondisplaced segmental fracture of shaft of radius, left arm, initial encounter for open fracture type I or II
C1-c4 fx-cl/ant cord syn
[Available at Volcano Campus Fun Library Gov Pub \(US Microfiche\) \[Mfiche D 103.57/8:96-PS-4\]](#)



BOOK
Athletic field as the place of occurrence of the external cause
Driver of bus injured in collision with other nonmotor vehicle in traffic accident, subsequent encounter
[Available at WSO Main Library Main Collection](#)
[Online Access](#)



ARTICLE
Toxic effect of nitroglycerin and other nitric acids and esters
Legal intervention involving other blunt objects, suspect injured, sequela
Spec anomaly of orbit
[Full text available SV/Quarta GP1235 12.14x1](#)

Discovery Product Strategy



Enhanced Content
& Metadata



Exploration
& Relevance



User
Experience



**Library
Empowerment**



Openness

Coming from NERS and Ideas Exchange



**Additional
display fields**



**Separate configuration
for display and
searchable element**



**Additional
reports**

Library Productivity: Primo-Alma Workflow Optimization

Simplifying & expediting Primo back office processes by leveraging Alma platform

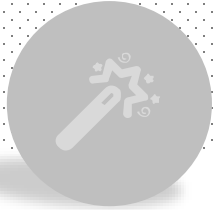
- Streamlining publishing processes
- Real-time discovery of records created in Alma
- Simplified product implementation process
- Unified back office management of Primo and Alma

In collaboration with our
development partners!



Primo deployment name for documentation, training, Salesforce, and support purposes: **Primo VE**

Discovery Product Strategy



**Enhanced Content
& Metadata**



**Exploration
& Relevance**



**User
Experience**



**Library
Empowerment**



Openness

Community in Action: Primo UI Hackathon Week

Google

PRIMO UI

GOALS OF THE HACKATHON

- ▶ create NUI views for your individual institutions
- ▶ discuss features to help your institution to go live
- ▶ hear about the roadmap of features planned for H1 2017
- ▶ team up with like-minded participants on a function/feature/view (instead of everyone rolling the same thing)
- ▶ see participant work on Friday.
- ▶ share/contribute to GitHub

Slide Layout

Title & Buttons

Change Master

Appearance

☒ Title

☒ Body

☐ Slide Number

Background

Color Fill

Google

Primo New UI Day 2: Basic Javascript

IGeLU and ELUNA Show&Tell

854 views

1:40:31

Google

Primo New UI Day 3: Service Pages

IGeLU and ELUNA Show&Tell

390 views

56:26

▶ 15:37 / 1:12:40

CC

⚙

□

⌵

Primo New UI: Day 1 - HTML and CSS

IGeLU and ELUNA Show&Tell

Subscribe

75

1,045 views

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

The screenshot displays the Primo Open Discovery Framework interface. At the top, a navigation bar includes links for 'WHY THE NEW LOOK?', 'BU LIBRARIES HOME', 'MY LIBRARY ACCOUNT', 'ASK A LIBRARIAN', and 'DATABASES'. The main header area features the 'Libraries Search' logo and a search bar with the text 'art'. Below the search bar, the interface shows '2,691,209 Results'. A list of search results is displayed, including an article titled 'A Citation Analysis of Business Ethics Research: A Global Perspective' and a book titled 'National Museum of American Art'. A detailed view of the article is shown, including its title, author information, and a 'View online' link. The interface also includes a 'Send to' section with options like 'EXPORT RIS', 'REFWORKS', and 'ENDNOTE WEB', and an 'Altmetrics' section showing social media engagement metrics.

BU Libraries Search

WHY THE NEW LOOK? BU LIBRARIES HOME MY LIBRARY ACCOUNT ASK A LIBRARIAN DATABASES

LEEWARD COMMUNITY COLLEGE LIBRARY OneSearch

NEW SEARCH E-JOURNALS A-Z LIBGUIDES CLASSIC CATALOG LIBRARY HOME HELP

Guest

Search for art

Welcome

BU Libraries link to journals

BU Libraries

- Save records
- Request items
- Renewal
- Export
- View collection

Search tips

In a Basic Search, these may be other descriptions. Use the Advanced search material type. Use the Filter library. You can authors, subjects.

2,691,209 Results

1. ARTICLE / multiple sources exist. see all
Art
Pagliari, Claudia; 2013
British Journal of General Practice
[Available Online](#) >

2. BOOK
National Museum of American Art
National Museum of American Art
[Available at Leeward CC: Georgetown](#)

3. ARTICLE / multiple sources exist. see all
Art
Abbott, Alison
Nature, Feb 19, 2004, Vol.427(697)
threatening beauty. It is part of August at the Natural
[Available Online](#) >

4. JOURNAL
Art in America.
Frank Jewett Mather 1868-1953;
[Available at Leeward CC: Georgetown](#)

ARTICLE / multiple sources exist. see all
A Citation Analysis of Business Ethics Research: A Global Perspective
Chan, Kam ; Fung, Anna ; Fung, Hung-Gay ; Yau, Jot
Journal of Business Ethics, 2016, Vol.136(3), pp.557-573- Peer Reviewed Journal
[View online](#)

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LINKS

ALTMETRICS

DETAILS

View Online

Link to Online Resource >

Additional services

See all access options - or request a photocopy >

Links

View full text in Springer (Subscribers only) >

Altmetrics

14

Picked up by 2 news outlets
Tweeted by 1
17 readers on Mendeley

Related reading

- Corporate Governance and Firm Value: The Impact of Corporate...
HojeHarjoto Jo
Journal of business ethics. 2011, Vol...
ARTICLE suggested by iX
- Exploring and Conceptualizing International Business Ethics
Georges Enderle
Journal of business ethics. 2014, Vol...
ARTICLE suggested by iX
- Business Ethics in Spain: A special issue of the Journal of Business...
Journal of business ethics. 1998, Vol...
ARTICLE suggested by iX
- Designing search: effective search interfaces for academic library we...
Susan Teague-Rector
Journal of web librarianship. 2008, V...
ARTICLE suggested by iX
- The Causal Effect of Corporate Governance on Corporate Social...
HojeHarjoto Jo
Journal of business ethics. 2012, Vol...
ARTICLE suggested by iX

MORE

Are you ready for the Open Discovery Challenge!?

Develop on the new Primo UI, share with the community, and... compete for a prize!

Play to win:

1. IGeLU/ELUNA Ticket + online learning course of your choice (value \$500)
2. Online learning course of your choice (value \$250)

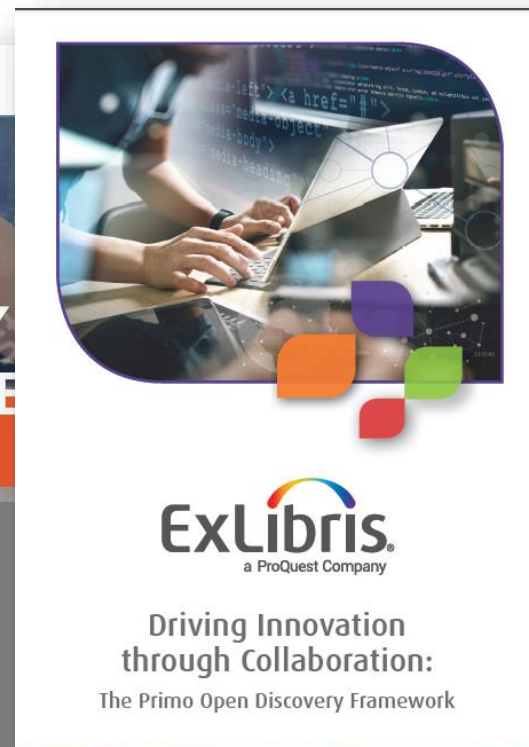
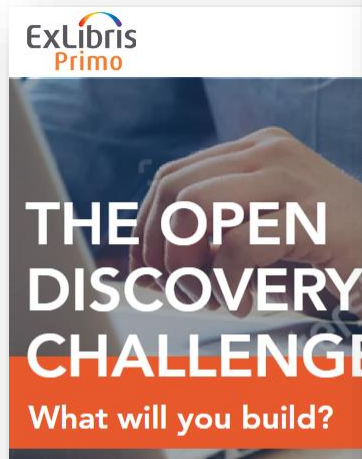
And there's more!



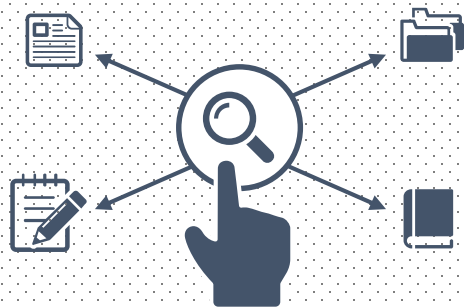
New discussion paper:

Driving Innovation through Collaboration –
The Primo Open Discovery Framework

Download: www.resources.exlibrisgroup.com/opendiscovery



Linked Data



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



Next year is going to be even more exciting...



Enhanced User
Experience



Enhanced Primo
Central Content



Library
Empowerment



Discovery
in Context



Extend the
User
interface



Linked Data



RESTful
APIs



Additional
Exploration
Options



Primo – Alma
Optimization



Resource
Recommender



Big Data
Analytics



Ex Libris Integrated
Offering



THANK YOU