Empowering the Library: Turning Vision to Reality

Shlomi Kringel, Corporate VP, Learning & Research Solutions
Guy Ben-Porat, VP Discovery Solutions
A Guiding Vision

Supporting institutional initiatives

- Student experience
- Digital learning
- Learning affordability
- Research excellence
- Open research

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Data all around us:

- Expose
- Manage
- Aggregate
Leganto: The Library at the Heart of Teaching & Learning

Supporting Key Initiatives
- Student affordability
- Online learning
- Teaching effectiveness

Creating Partnerships
“Leganto connects the library with instructional designers... these are new connections that we have never had before.”
Greg Argo, University of St. Thomas

Increasing Adoption
Q1 2019:
276K unique students
1M+ pageviews/week
Defining and Exploring Modern Art Movements

Infusing AI: Leganto Insights

Learning, Research, and Campus Solutions

Leganto Product Update

Tamar Sadeh | Thu., 2:00pm

Gal Darom | Fri., 9:00am
The Ex Libris Research Suite: Managing data throughout the research lifecycle

- Research Funding
- Research Project
- Research Output
- Research Impact

- Funding sources
- Scholarly sources
- Scholar profiles
- Policy news
- Systematic review
- Publications
- Social & media
- Metrics & benchmarks
- Reports

Pivot
RefWorks
Esploro
Primo
Summon
Increased impact of research activities

- Data exposure via discovery & institutional portals
- Automated update of researcher profile
- Research metrics and benchmarks

A next-gen research repository

- All research assets in one place, connected
- Intelligent capture
- Enrichment of metadata
Ex Libris Research Suite

Esploro
Capture, manage, and expose research
Going live in 2019!

Pivot
Match researchers with funding
Comprehensive coverage of funding sources

RefWorks
Reference management & collaboration
Strong library value: easy to teach, easy to manage
Discovery: One Strategy, Different Flavors

Primo
- New Primo UI
  Now used by over 90% of Primo customers
- Primo VE
  Now serving 250+ institutions
- Primo Studio
  (App Center)

2016  2017  2018  2019

Summon
- Part of Ex Libris platforms
  Knowledge Center, Idea Exchange, Status Page, Dev. Network
- Summon over Alma
  Now serving 30+ institutions
Primo VE: Advancing through Community Collaboration

• Primo VE Summit held in October 2018

Primo VE Summit: Six Months Later

Primo PWG | Thu., 12:15pm

• Recommendations for ensuring Primo VE is viable for the most number of Alma customers

Primo VE: Leveraging the Shared Platform

Yisrael Kuchar | Thu., 11:15am

• Continuing to collaborate with the Primo community on priorities
Discovery: One Strategy, Different Flavors

Joint content operations

Joint discovery services

Central Discovery Index

Primo

2016

2017

2018

2019

Summon
Central Discovery Index

Unified index for Primo & Summon

- Comprehensive and scalable
- Future-ready

Faster ingest & updates, better quality data
Smart services based on contextual relations
Infusing AI into our discovery systems
Two Siblings, Plenty of Love!

Summon

Primo
UX essentials – ensuring customer satisfaction

Responsive

Accessible

Performance
So... What is the next big thing?

So... What is the next big thing?  All Resources

So... What is the next big thing?  Books

So... What is the next big thing?  Articles
Our Environment Rapidly Evolves

Substantial rise in the amount material and material types

New technologies deliver more processing power for big data

Users are increasingly influenced by social media and consumer platforms
Meeting the Challenge: Infusing AI into Discovery

- Putting data intelligence into the core of discovery
- Leverage intelligence from our big data repositories
- Create contextual services
- Consolidate our data repositories to allow for new innovative services to be created
Navigating the Big Data Ocean...

Cocoa and chocolate flavonoids: Implications for cardiovascular health
Steinberg, Francene M; Bearden, Monica M; Keen...
Classifying Data

Cocoa and chocolate flavonoids: Implications for cardiovascular health
Steinberg, Francene M; Bearden, Monica M; Keen...
Forming Data Relations

Citing

Cited by

Other articles of the same journal issue

Cocoa and chocolate flavonoids: Implications for cardiovascular health
Steinberg, Francene M; Bearden, Monica M; Keen...

Topics of this article

Used together with

Research data used

Other articles of the same author
Creating Intelligent Discovery Experiences
Data Relations: Formal vs. Informal

Formal data relations

Informal data relations

A

B

C
Infusing AI: Ex Libris Discovery Services

- Citation Trail
- Contextual relationships
- bX Article Recommender
- Topic exploration

Formal data relations
Informal data relations
Formal Data Relations: Contextual

Book --> Book chapter

Abraham Lincoln in the post-heroic era: history and memory in late twentieth-century America
Abraham Lincoln in the Post-Heroic Era, Chapter 1

Full text available

Abraham Lincoln in the post-heroic era: history and memory in late twentieth-century America
Barry Schwartz 1938-505 Schwartz, Barry; 1938-

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Formal Data Relations: Contextual

Book --> Book review

Abraham Lincoln in the post-heroic era: history and memory in late twentieth-century America

Available at ONL Open Stack

Chapters of this book

Book reviews

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Informal Relation – Concepts Extraction

- People
- Subjects
- Places

Enables cross discipline linking

Data Intelligence

Full Text

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Infusing AI: Topic Exploration

Attenuation of the Acoustic Signal

1. Attenuation of the Acoustic Signal Propagating Through a Bubbly Liquid Layer
   Gubaidullin, D.; Nikiforov, A.
   Full text available

2. Attenuation of the Acoustic Signal Propagating Through a Bubbly Liquid Layer
   Gubaidullin, D. A.; Nikiforov, A. A.
   Full text available
Infusing AI: Topic Exploration

Topics
- acoustic
- applied and interdisciplinary physics
- attenuation
- bubble (physics)
- chemistry
- continuum mechanics
- dispersion (optics)
- discharge
- frequency
- gas-liquid
- material science
- mechanics
- motions (physics)
- nature
- physical chemistry

Development of Optophone with No Diaphragm and Application to Sound Measurement in Jet Flow
Sonoda, Yoshito; Nakazono, Yoich; Sonoda, Yoshito (correspondence author)

Full text available

Study on Ultrasonic Response to Mechanical Structure of Coal under Loading and Unloading Condition
Liu, Xiaofei; Wang, Xiaoran; Wang, Enyuan; Liu, Zhentang; Xu, Xiaoyang; Silberschmidt, Vadim V

Full text available

Experience of vibroseismic sounding of complex geological structures (with the Shugo mud volcano as an example)
Glinskii, B.; Sobolevich, A.; Khaitoldinov, M.

Full text available
Infusing AI: Topic Exploration

Topics
- acoustic wave
- acoustics
- amplitude
- applied and interdisciplinary physics
- attenuation
- bubble (physics)
- chemistry
- continuum mechanics
- dispersion (optics)
- dispersion relation
- frequency
- gas
- liquid
- material science
- mechanics
- motions (physics)
- nature
- physical chemistry
THANK YOU!