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Clarivate Update

Dachela 2024, Wien

17.+18. Oktober 2024

Sven Kuck – Product Sales Manager, Library Software

The honeymoon is over

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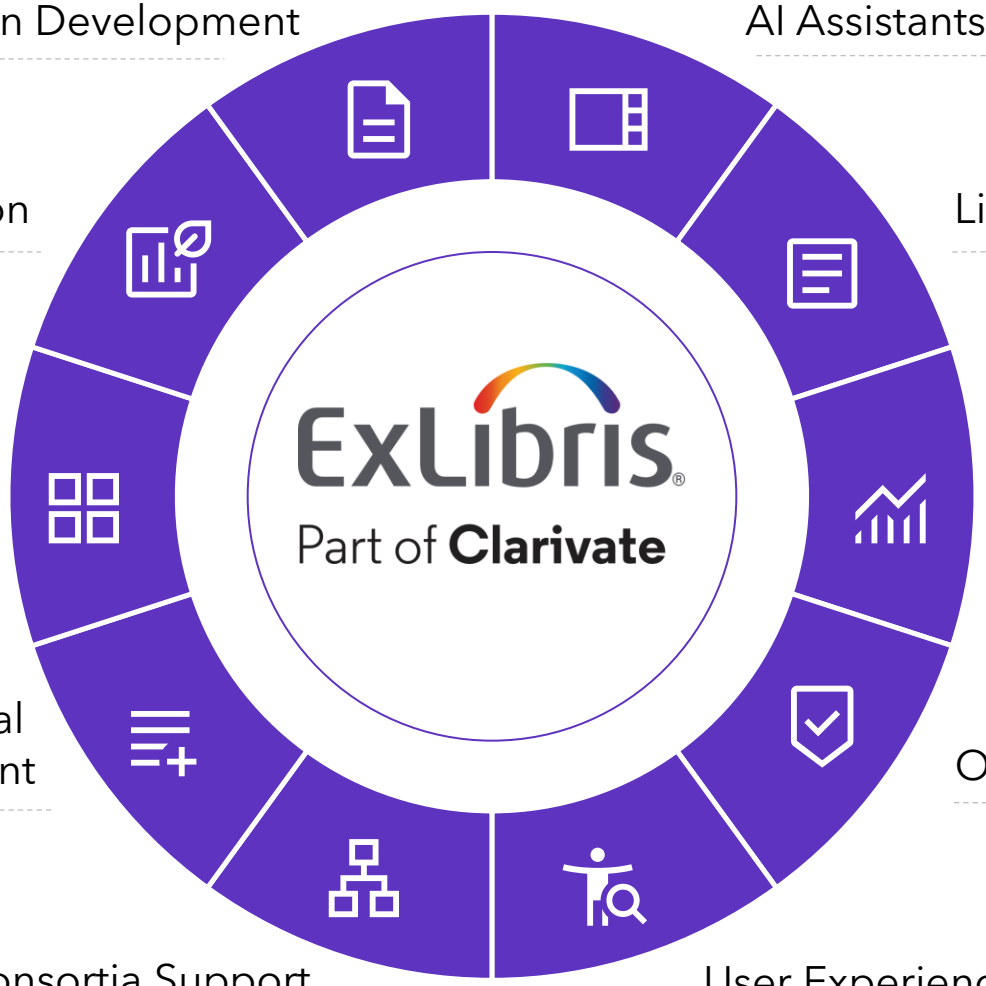
Our 2025+ Innovation Roadmap



Analytics & Collection Development

AI Assistants (for staff & end-users)

SaaS-based, built-in preservation

Linked Open Data

Cloud Platform Integration Layer

Resource Sharing

AI-driven Digital Collection Management

Open Access Support

Consortia Support

User Experience, Accessibility and Infrastructure

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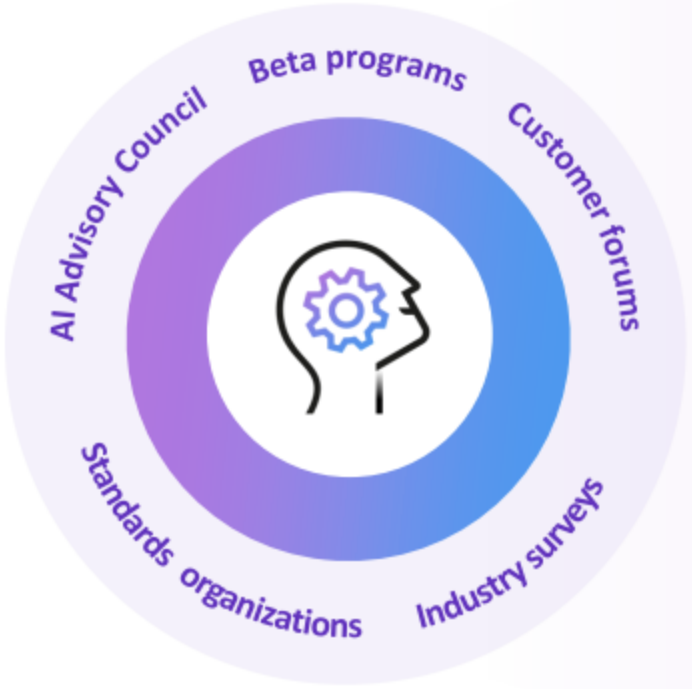
Responsible AI principles, informed by the academic community



Opportunities:

- Content discovery
- Insights from data
- Personalized learning
- Staff productivity

Concerns:

- Bias & hallucinations
- Learning shortcuts
- Bad actors (e.g. papermills)
- Plagiarism

AI Framework

Transparent

- Clear information about the content sources used
- Proper attribution and easy access to cited works

Ethical

- Measures to reduce bad information
- Collaboration with publishers to ensure clear usage rights
- Collaboration with industry org. for responsible AI implementations

Safe

- Human-in-the-loop
- Uphold privacy & security standards
- Adherence to evolving global regulations

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Clarivate AI Advisory Council

Collaborating to promote responsible use of AI in academia

Launched May 2024
Members representing libraries and wider academia

Aaron Tay
Head, Data Services
Singapore Management University

Allen Jones
Director of Digital Libraries & Technical Services
The New School

Andrea Brandstatter
Head, Universitätsbibliothek Bibliothekssysteme
University of Vienna

Andreas Kirstein
CEO
Swiss Library Service Platform (SLSP)

Boyhun Kim
AUL for Library Information Technology
University of Michigan

Claire Lanyon
Collection Development and Access Manager
University of Auckland

Foster Zhang
Library Director and Chief Engineer
Hong Kong University of Science & Technology

Josh Sendall
Director of Library Services
University of Leeds

Kristel Veimann
Director of Library Services
National Library of Estonia

Leo Lo
Dean and Professor; ACRL President-Elect
University of New Mexico

Niamh McGuigan
Director
Center for Library Exploration and Research, Brown University Library

Ryun Lee
Head, Digital Initiatives
The Chinese University of Hong Kong Library

Samuel Fosso-Wamba
Professor in Information Management and Data Science
TBS Education

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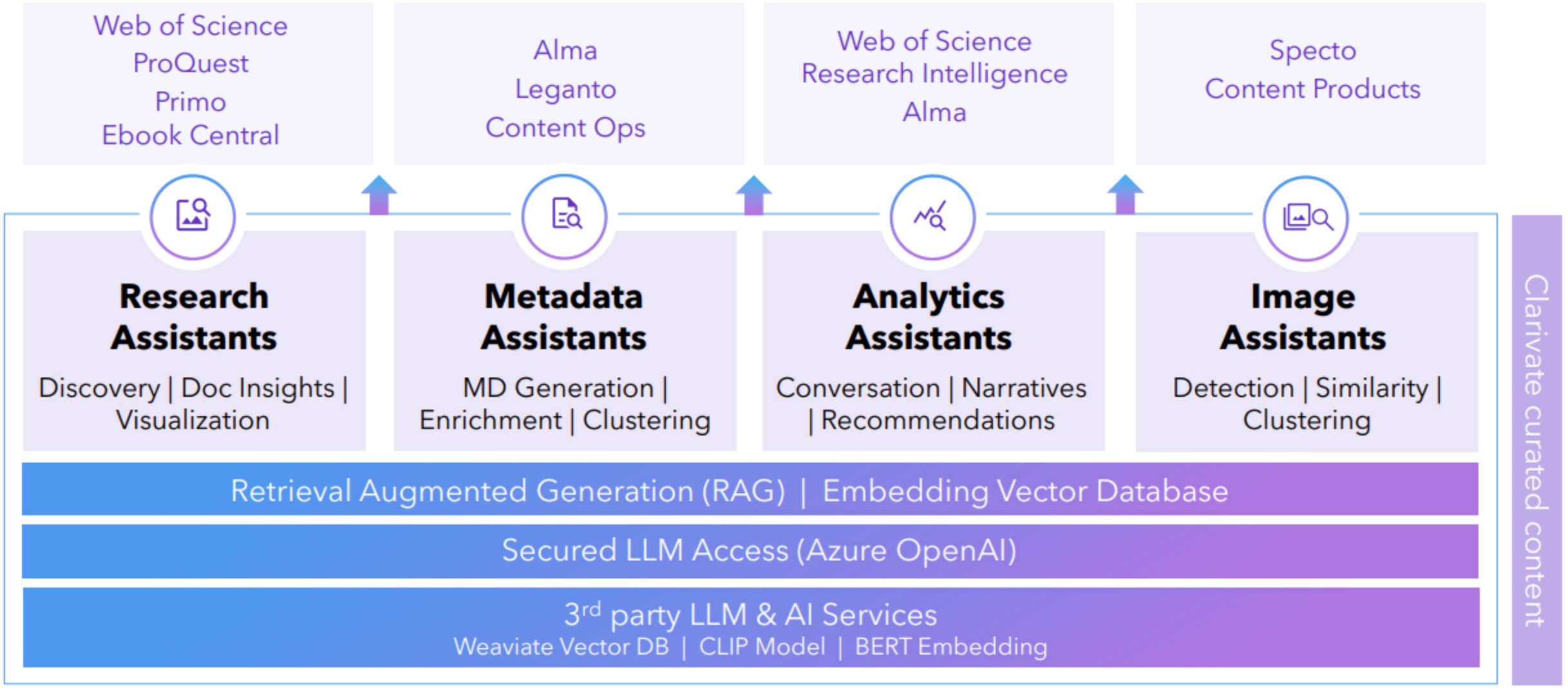
The Clarivate Academic AI Platform



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Neuigkeiten aus dem „Clarivate Innovation Lab“

Themenschwerpunkt: Alma

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Alma Collaborative Networks strengthening

Established consortia focus groups

Focus groups provided requirement consolidated document

Prioritization through voting process

Thorough analysis conducted by Ex Libris

Focus areas were identified

Built consortia roadmap for 2024/2025

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Collaborative Networks 2024 – 2025

Roadmap

Consortia Authority Control Task List

Network Zone manage electronic resources – library/campus level

Central Configuration Dashboard – Phase II

Real-time update of linked accounts

Blocks across a Network

Central Configuration Dashboard – Phase III

User groups in a Fulfillment Network

Add Network Zone titles to Alma Collections

Add Network Zone title to Course Reserve

Central Configuration Dashboard – Phase IV

Support services by Central Office

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AI Metadata Assistant

Who are we helping and why?

Cataloging is hard, expensive work

It's difficult, time-consuming, and requires specialists that are familiar with cataloging standards to maintain the library's metadata quality.

Library catalogs are often varied

Catalogers often find themselves working on resources in fields they're not familiar with.

The amount of resources is growing uncontrollable

It's become impossible for libraries to keep up, even if they add more budgets and personnel

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AI Metadata Assistant: Phase I

- Two new workflows in the Metadata Editor
  - Create new record
  - Enrich existing record
- Phase I scope: Support for MARC 21 English books with LCSH vocabulary
- What we're doing:
  - Utilizing LLM text and vision APIs to assist catalogers in metadata creation
  - Keeping control with the library and librarians
  - Validating and filtering results for better quality (e.g. existing subject headings)
  - No training of the AI (the provided data is used, but not kept)

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AI Metadata Assistant Status

Early Access in progress

Working with the community to:

- Refine prompts
- Enhance metadata processing
- Improve workflows

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Neuigkeiten aus dem „Clarivate Innovation Lab“

Themenschwerpunkt: Digitale Sammlungen

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ExLibris | IGeLU

What is Specto Special Collections?

A digital asset management solution that:

Extracts
metadata and entities with AI

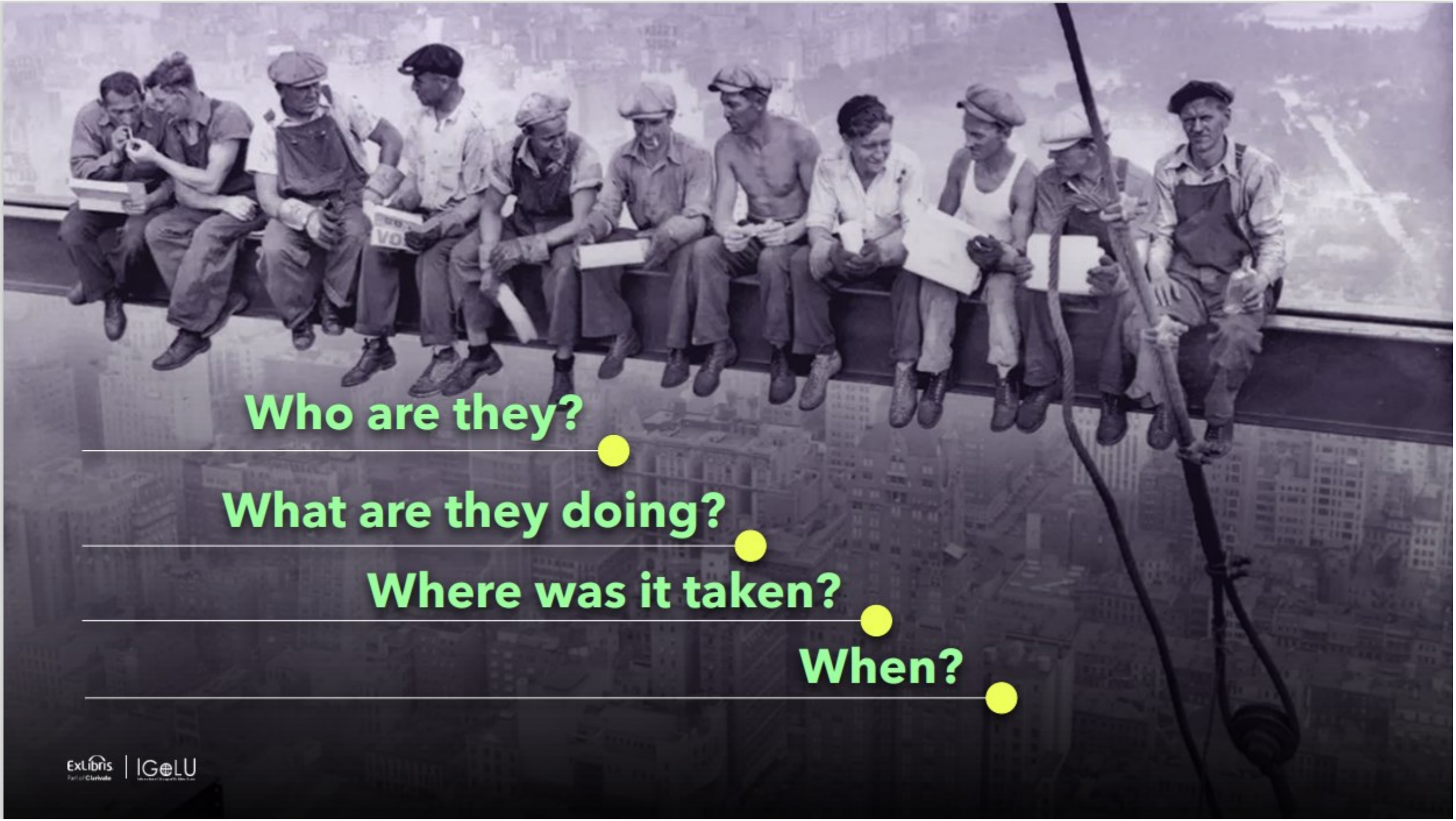
Links
materials to provide context

Exposes
collections to a broad audience

Tells a Story
through a discovery journey

Based on existing Alma and Alma D

ExLibris | IGeLU


Who are they?
What are they doing?
Where was it taken?
When?

Joseph Eckner
Joe Curtis
Migrants from Ireland, Sweden
Lunch Atop a Skyscraper
New York City
September 20, 1932

NER

Person: Joe Curtis, Joseph Eckner

Building: Rockefeller Center

Location: New York City

Metadata Update

Person: Joe Curtis
Building: Rockefeller Center
Location: New York City (NY)
Geolocation Coordinates: 40°45′31″N 73°58′45″W

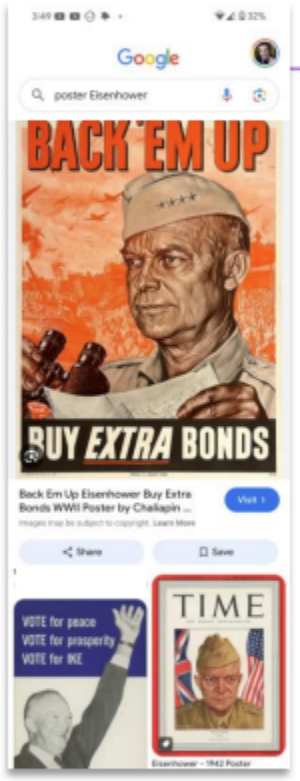
Linking

LIBRARY OF CONGRESS

WIKIPEDIA

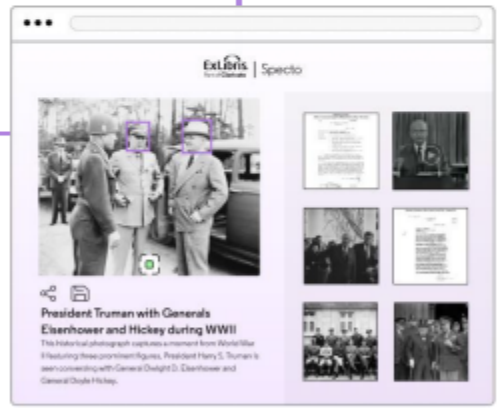
What does a discovery journey with Specto look like?

www.meetspecto.com



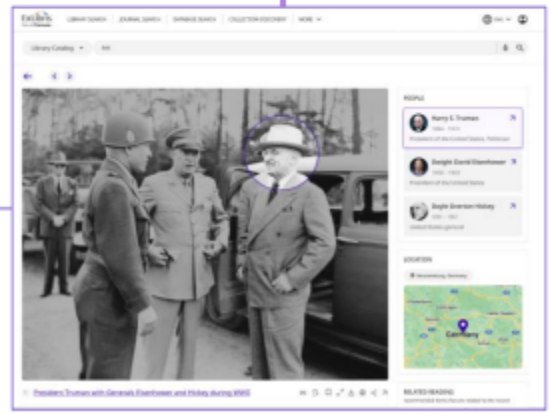
Google search

Related materials



Full display

Online exibition



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Specto Offerings

Special Collections

- AI Metadata Assistant
- Online Exhibition

+

Preservation

- Long-term access guarantee
- Risk management

+

Essential DAM

- Improved workflows
- Improved discovery
- Improved SEO

ExLibris | IGeLU

Neuigkeiten aus dem „Clarivate Innovation Lab“

Themenschwerpunkt: Primo VE

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Building the Next Discovery Experience

For tomorrow's end users

- Primo & Summon Research Assistant
- New UI
- Linked Open Data
- User Engagement Platform

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Research assistance

It’s live, try it!

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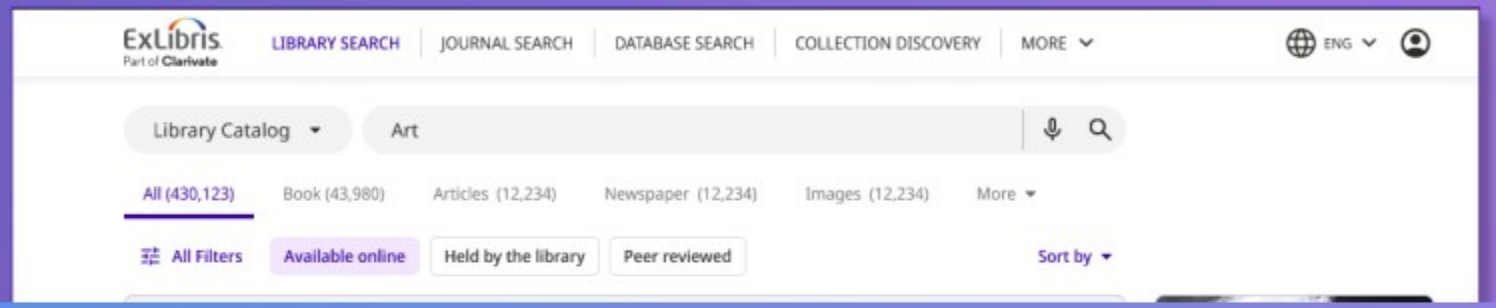
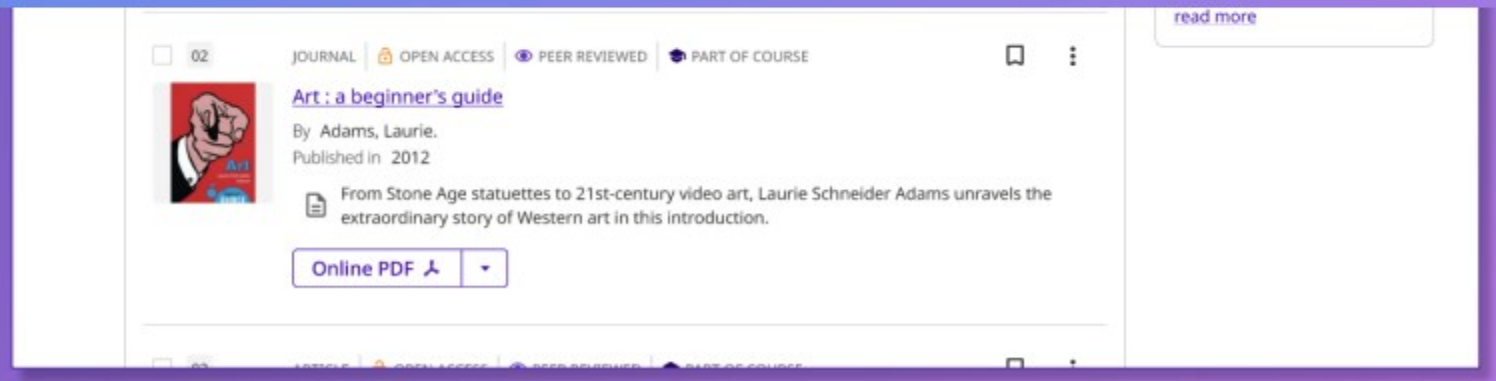
NDE New UI



Available for testing February 2025



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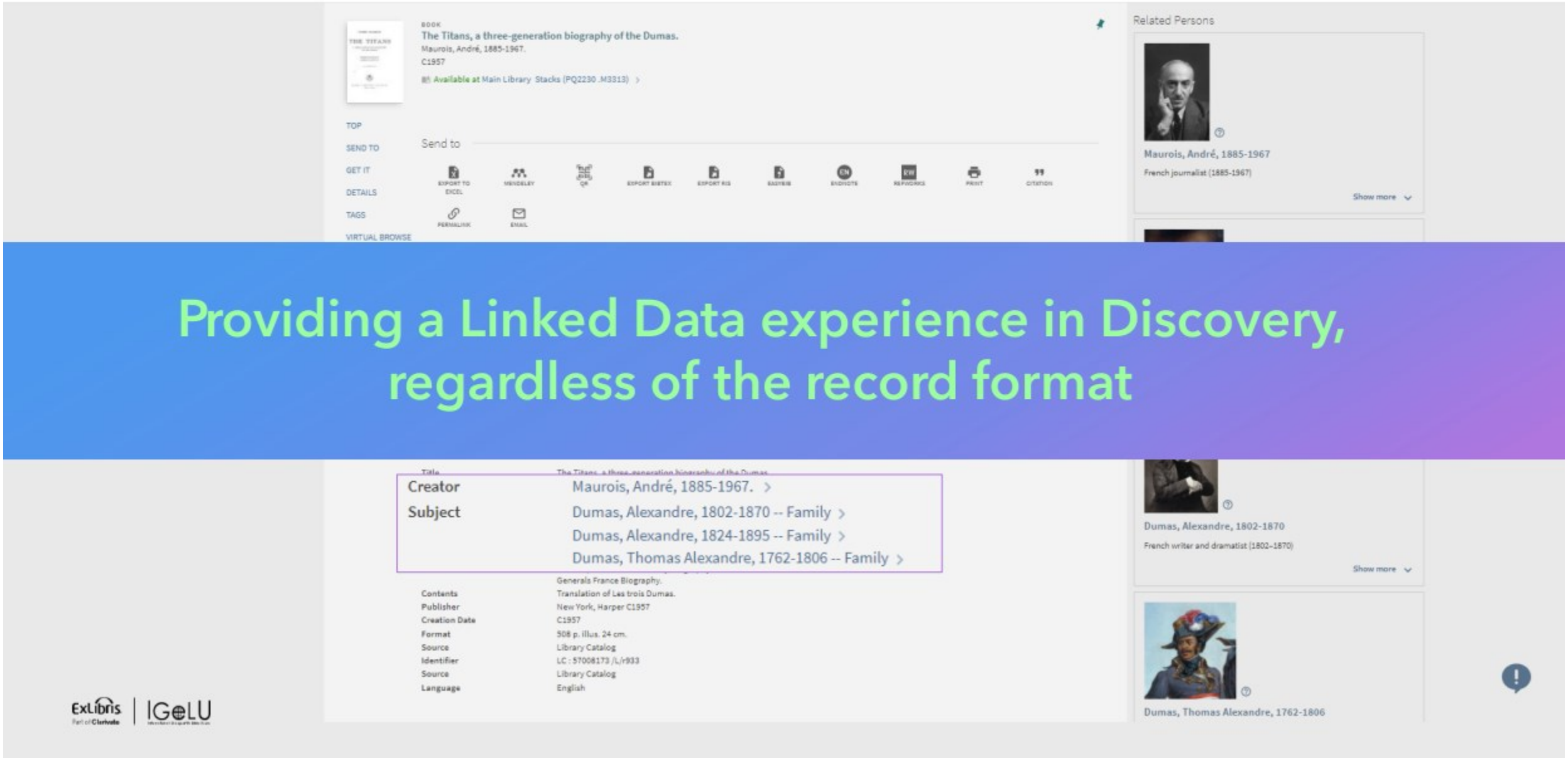
NDE Linked Open Data



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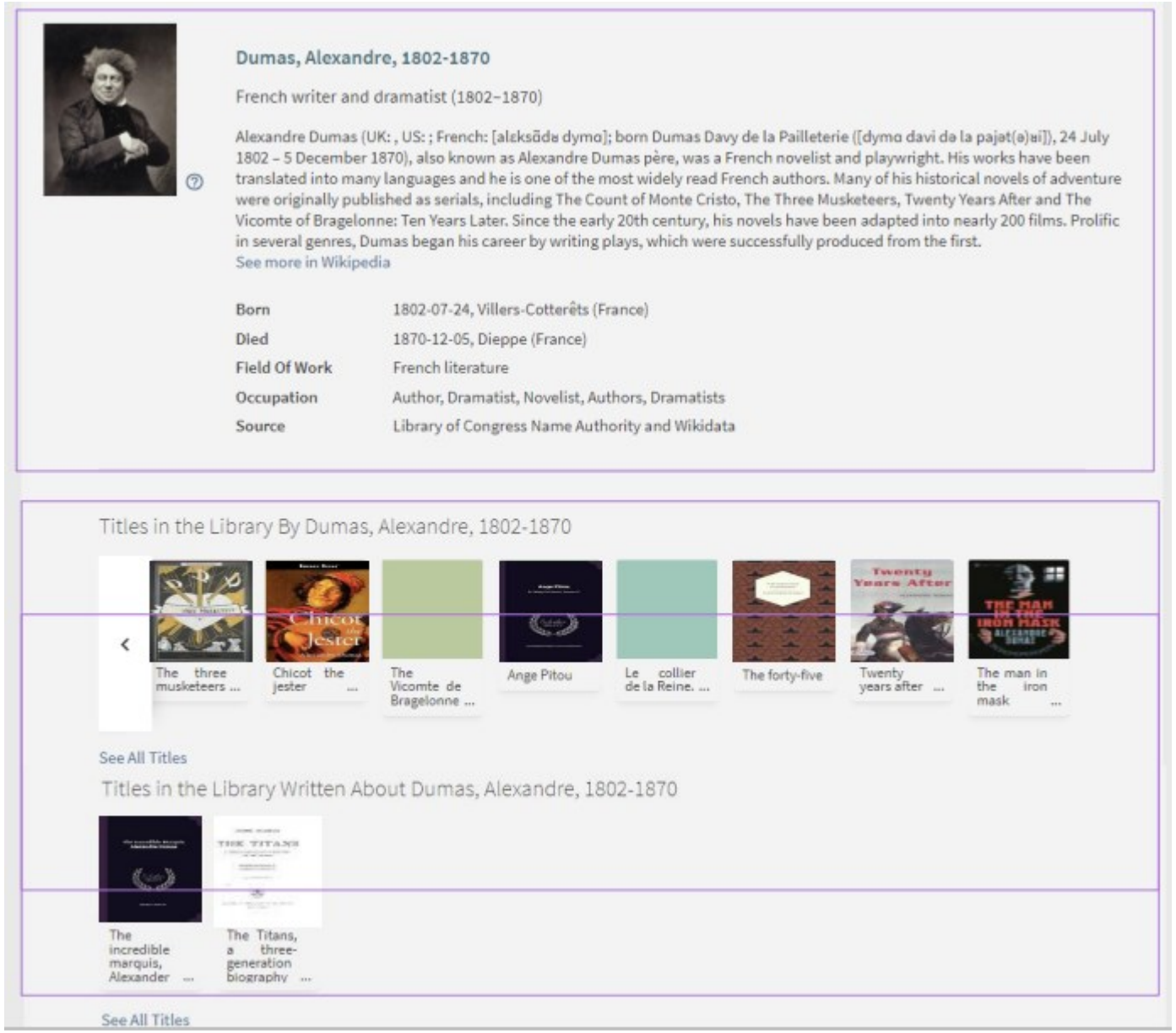
Linked Open Data



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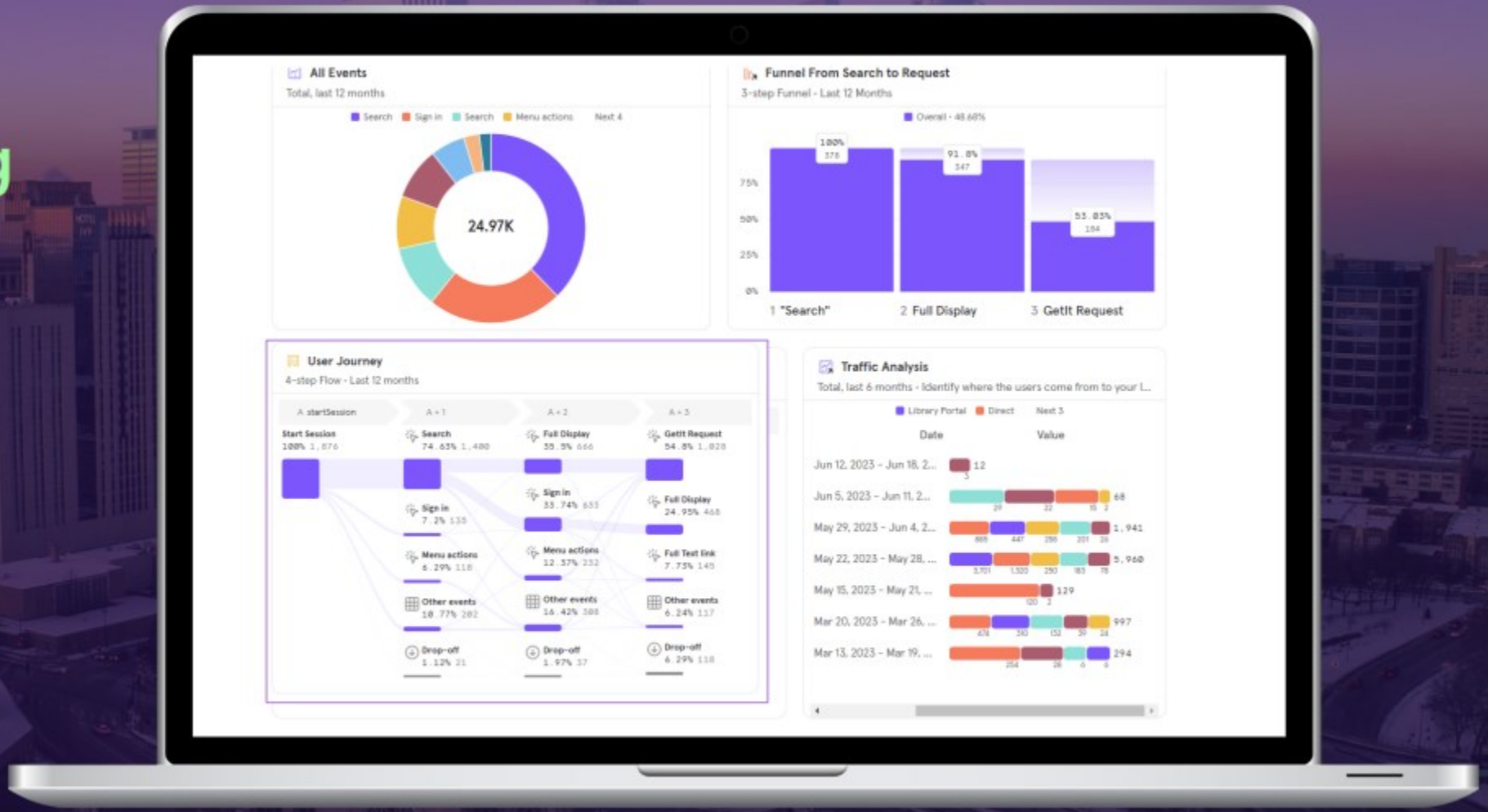
NDE User Engagement Analytics: understanding the journey

Powered by mixpanel



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Neuigkeiten aus dem „Clarivate Innovation Lab“

Themenschwerpunkt: Integrationen & Bestandsentwicklung!

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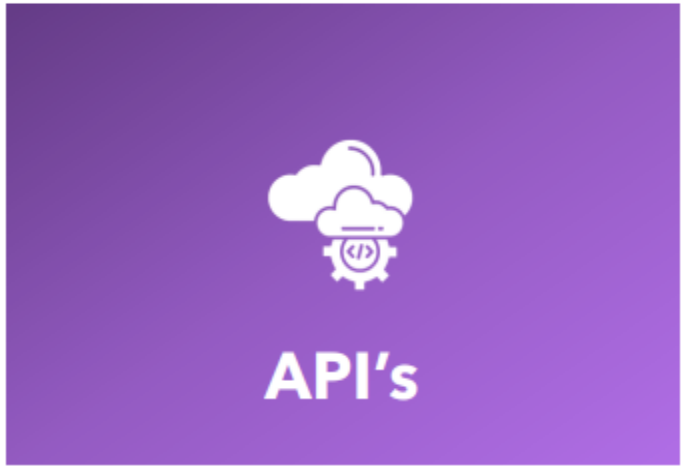
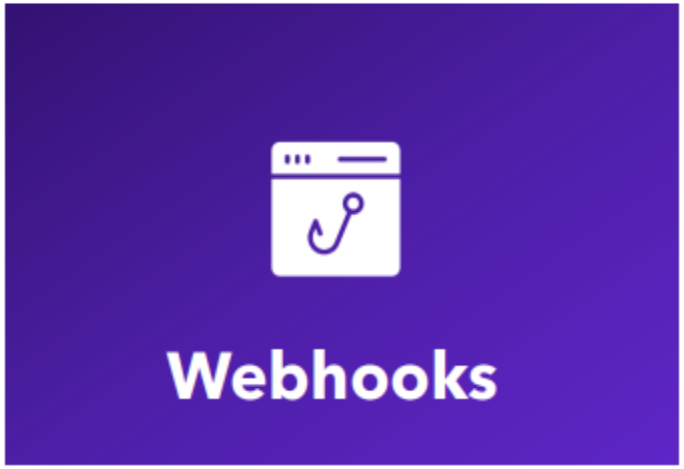
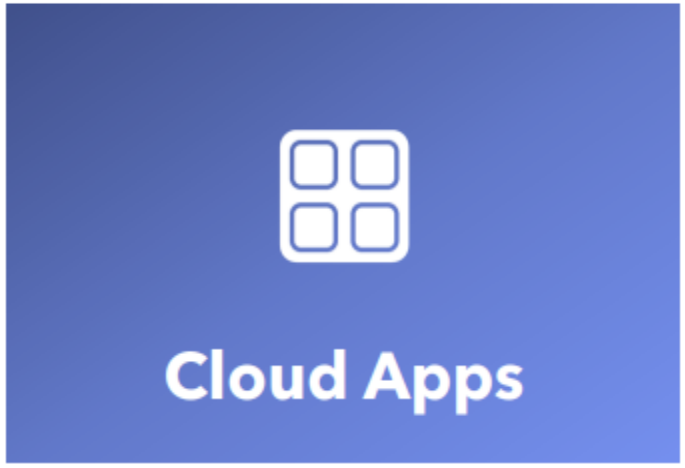
Integration Layer Components







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Feedback

"There is a **learning curve** for writing Cloud Apps"

"Cloud Apps are great! For **UI integration...**

"Where is the **innovation"**?

"Give us tools to **schedule scripts**"

"We need an **easy** way to send SMS's"

"What about **AI** for developers"?

4B

API calls

In last 12 months

>200 Mio

Webhooks

In 2023

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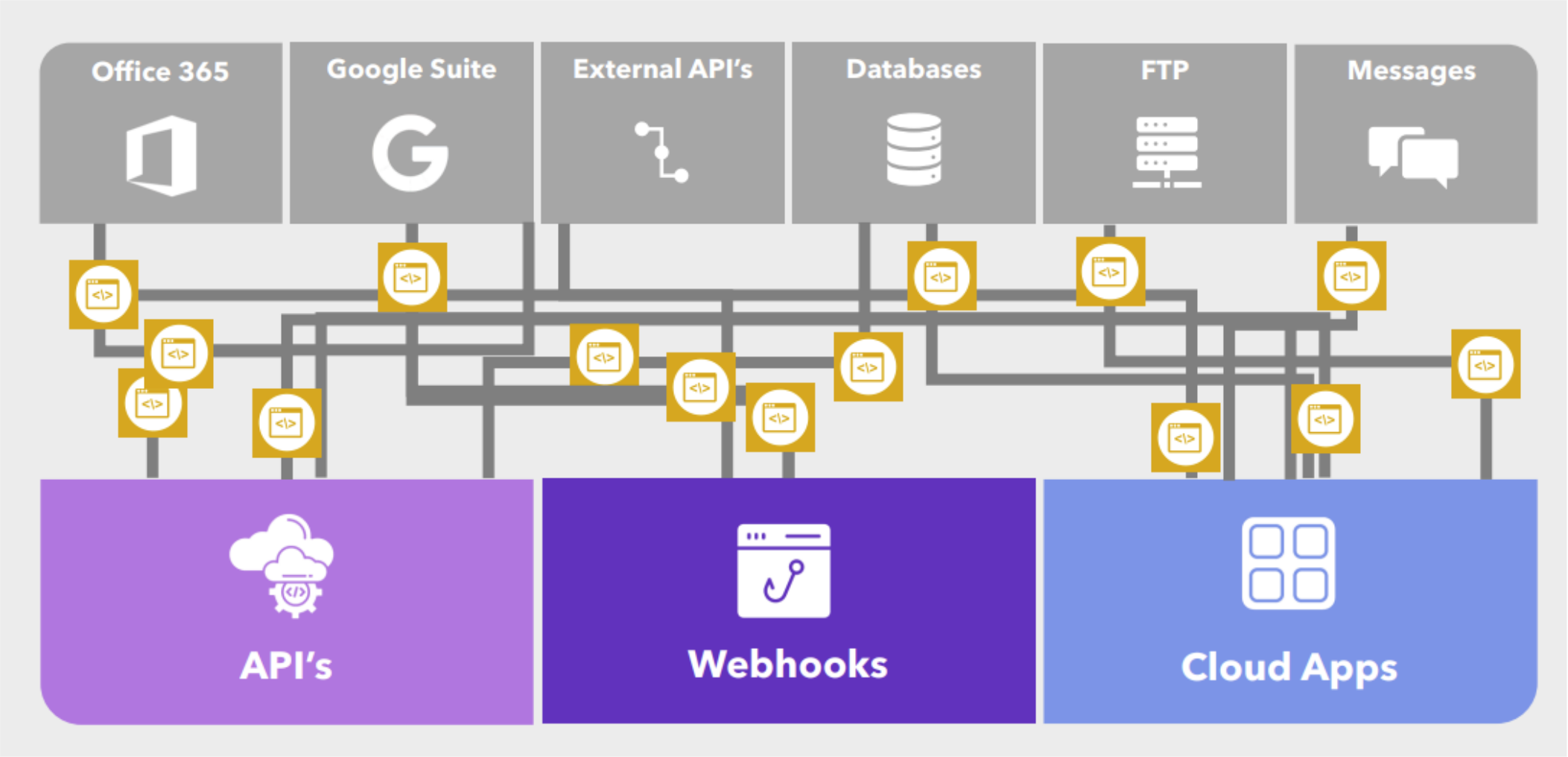
Current Situation



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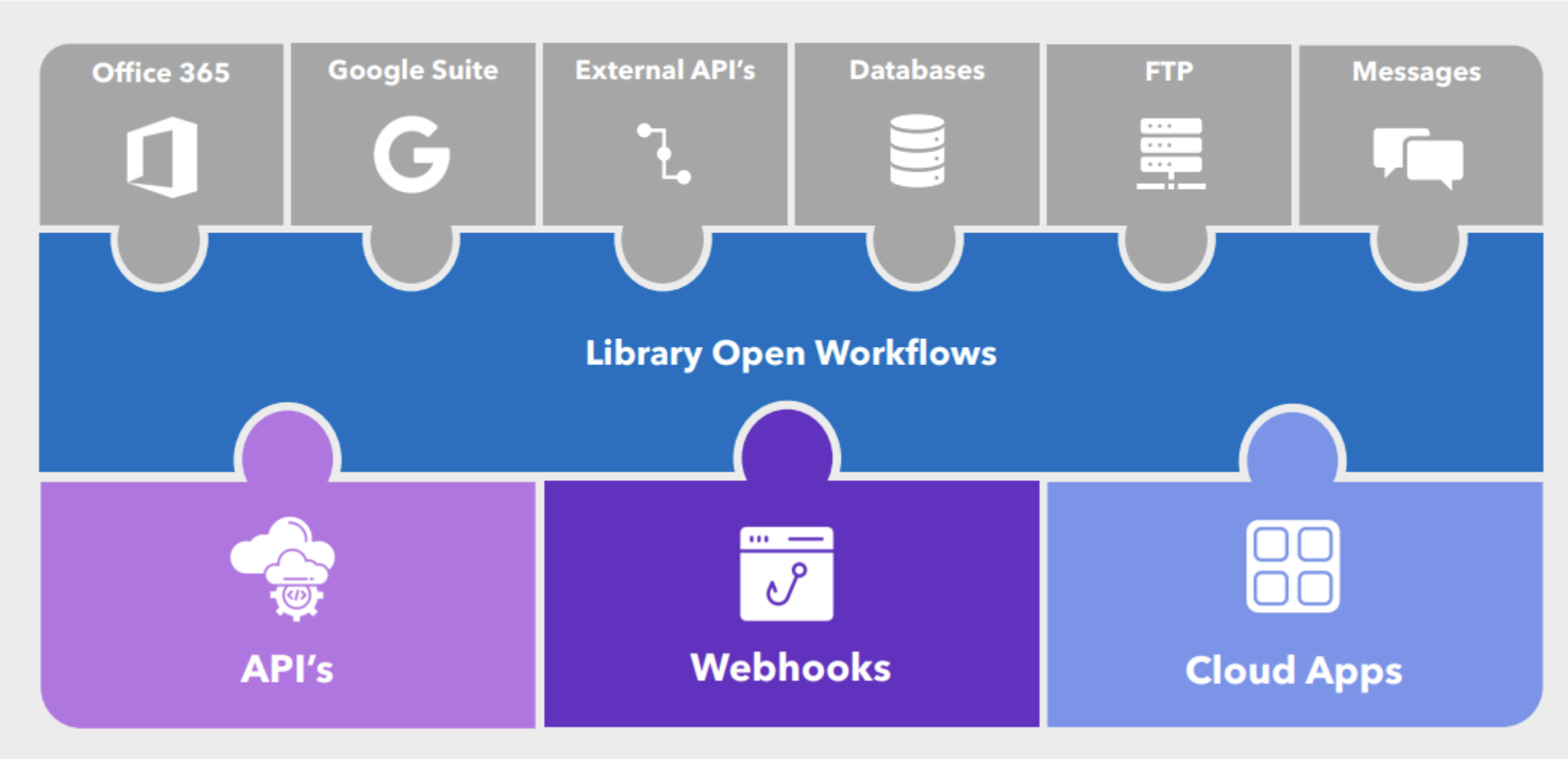
Open Library Workflow



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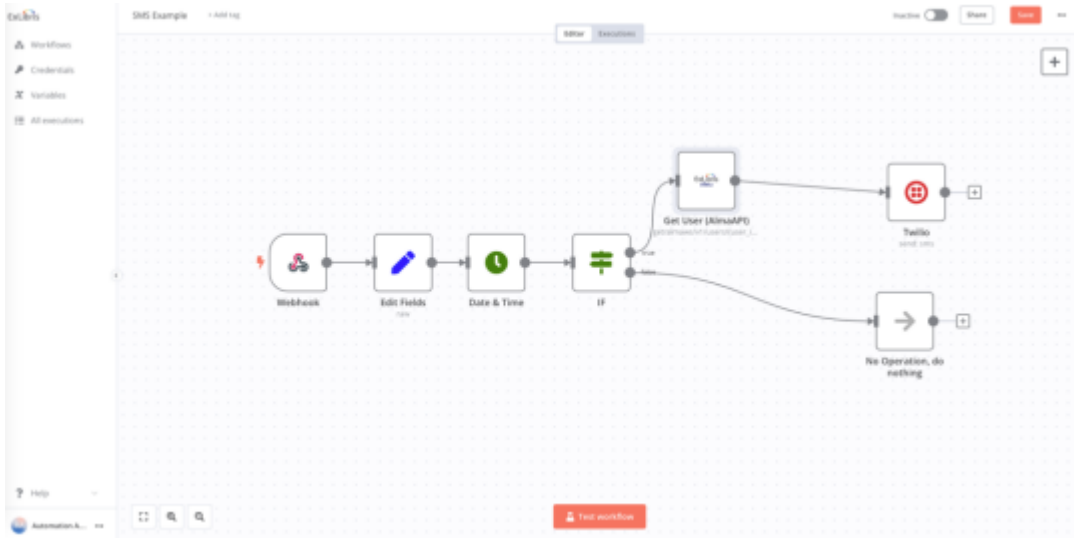
Beispiele

Send SMS on checkout



Automatic report to Google Sheet

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Code vs. Library Open Workflows

Sarah: I'll write a short program to do it…

- Resources Allocation
- Local Dev Environment
- Setup
- Code
- Deploy
- Monitor
- Update
- Σ

Jane: I'll Use the Library Open Workflows!

- Resources Allocation ✓
- Local Dev Environment ✓
- Setup ✓
- ~~Code~~
- Deploy ✓
- Monitor ✓
- Update ✓
- Σ

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Current Situation Collection Development

Operational Analytics

- All libraries use Analytics provided in Platform
  - Dashboards and Widgets
  - Scheduled
  - Ad hoc
- Over 17 million reports run in 2023
- YOY increase of 28%

Collection Development

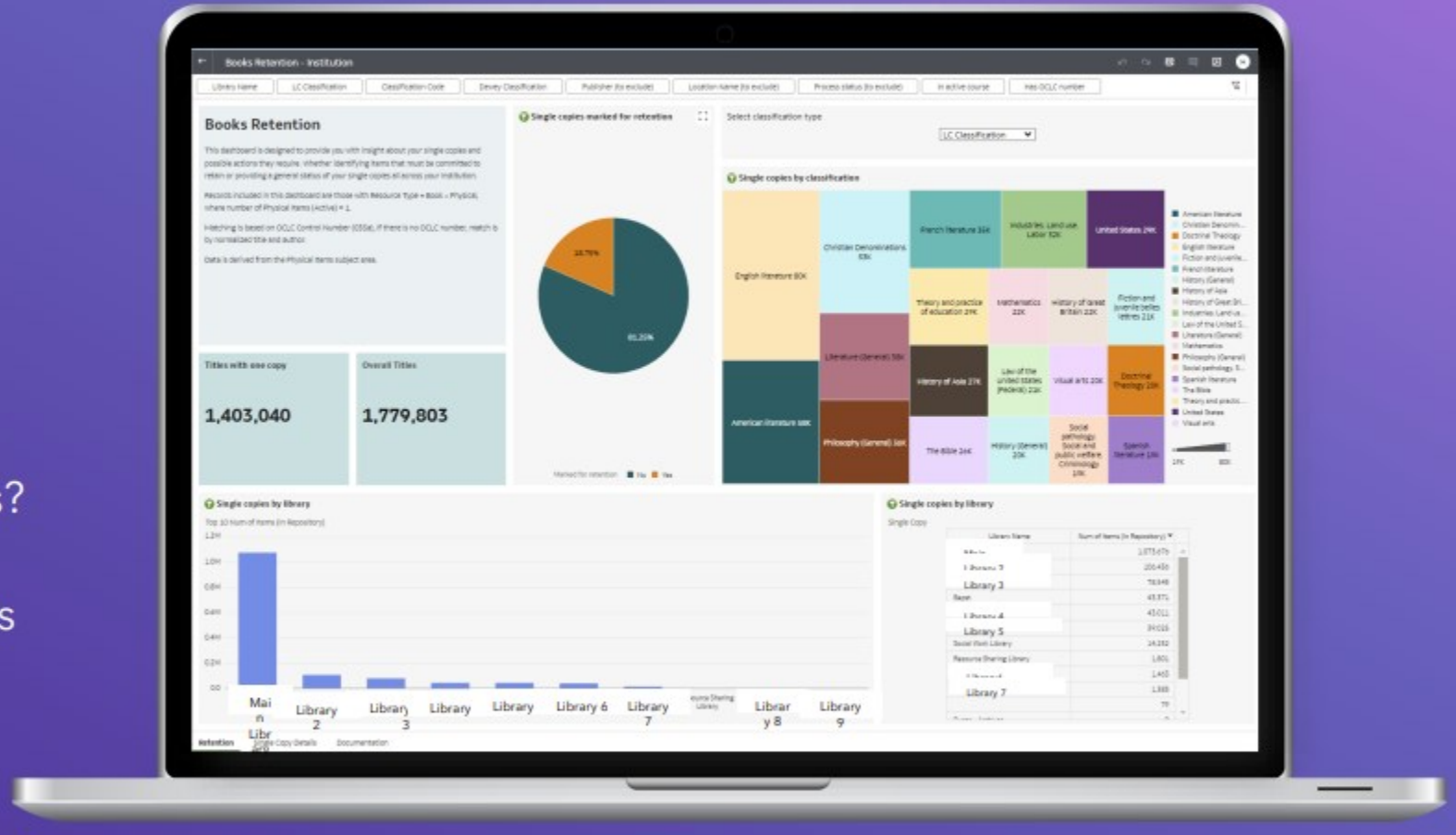
- Launched a Focus Group last year with 33 Members
- Delivered initial Dashboards Feb 2024
- Now progressing with POC on Cross Institution Analytics

Current Situation

Collection Development

Supporting your Retention Planning

- How many of my single copies are marked for retention?
- Which library is holding the largest number of single copies?
- Which classification holds the highest number of single copies not committed for retention?



Retention and Deselection Data visualizations. Available since Feb 2024

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Ex Libris Collecto

A unified environment to manage all collection development workflows

All-in-one data
Multiple data sources for optimized data-driven decisions

Cross-institution analytics
Benchmark against other institutions

Smart end-to-end workflows
AI-based and personalized to institution preferences

Ex Libris | IGeLU

Ex Libris Collecto

Workflows and Use Cases

Retention
Keep or remove

Expand & diversify
Purchase opportunities

Cost saving
Unnecessary expenses

Space optimization
Candidates for weeding

Alma Rapido Leganto Rialto Bowker ProQuest Ebook Central Primo Cross Institution Analytics

Timeline

Development Partner Program
Collecto Analytics
Retention Workflow-
Deselection Workflow –
Shared Print
Discipline Expansion
Curriculum Expansion
Resource Sharing/ Acquisition

Ich freue mich auf Ihre Fragen!

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