

Primo & Summon: Unified Content Approach

AND HOW IT WILL BENEFIT YOUR USERS

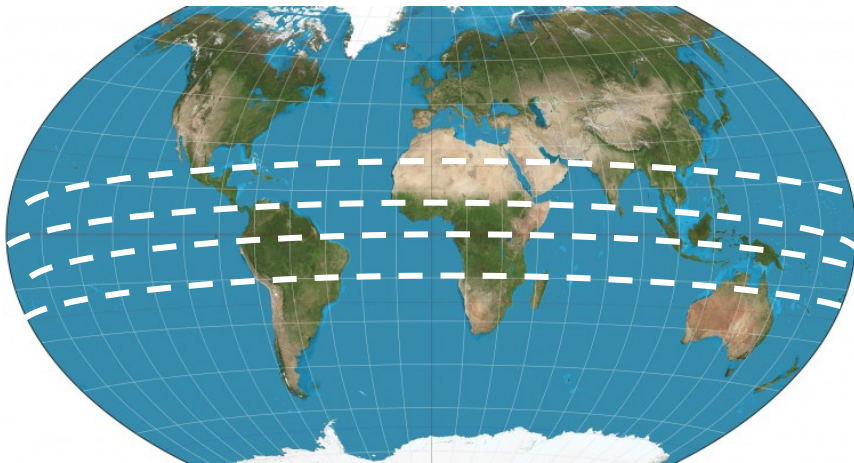
Christine Stohn | Product Manager
Eddie Neuwirth | Product Manager

Key Topics

- Data-based services across Summon and Primo
- Shared content and data model
- Unified content ingestion process
- Discussion - Q/A

~13 TERABYTES OF DATA

IF PRINTED COULD GO AROUND THE
WORLD 19 TIMES



- More than 500 provider agreements
- Combined more than 4 Billion documents

COULD MAKE 780
STACKS OF PAPER AS
HIGH AS THE EIFFEL
TOWER





Data-based services

Data for discovery

Search and Find



Exploration



Learning



Personalization



- More content, shared processes
- Better glanceability
- Content neutrality
- More data-based services
- More data
- More data connections
- Collaborative research

Data for exploration services

Citation Trail

1. Honey bee waggle dance communication: signal meaning and signal noise affect dance follower behaviour
Toufaia, Hasan ; Couvillon, Margaret ; Ratnieks, Francis ; Grüter, Christoph
Behavioral Ecology and Sociobiology, 2013, Vol.67(4), pp.549-556 [Peer Reviewed Journal]
Full text available
View Online Details Reviews & Tags Recommendations Times Cited More Citations Cited by

2. Honeybee foragers increase the use of waggle dance information when private information becomes unrewarding
Grüter, Christoph ; Ratnieks, Francis L W
Animal Behaviour, 2011, Vol.81(5), pp.949-954 [Peer Reviewed Journal]
spatial information encoded in the waggle dance... dance duration (in waggle runs), the experimental day... waggle dance of honeybees (Apis) by
Full text available
View Online Details Reviews & Tags Recommendations Times Cited More Citations Cited by

Topic Exploration

bX Users Interested in this article also expressed an interest in the following:

1. Redings, Catherine M Virtual community attraction: Why people hang out online. Journal of computer-mediated communication 10.1 (2004) No Pagination Specified
2. Barrett, H. Clark Can Manipulations of Cognitive Load Be Used to Test Evolutionary Hypotheses? Journal of personality and social psychology 91.3 (2006) 513-518
3. COUZIN, JENNIFER Friendship as a Health Factor. Science 323.5913 (2009) 454-457
4. Wood, Stephen The four pillars of HRM: are they connected? Human resource management journal 5.5 (1995) 49 - 59
5. Tarrant, Mark Friendship group identification, multidimensional self-concept, and experience of developmental tasks in adolescence. Journal of Adolescence 29.4 (2006) 627-649

About bX

psychology
Psychology is the scientific study of behavior and the mind. It is a broad field that encompasses many different areas of research, including cognitive psychology, developmental psychology, and social psychology. The field of psychology is constantly evolving, and new discoveries are being made all the time. For more information on psychology, visit the Psychology website.

Suggested Literature
Early Gargner
Send Email

Suggested Topics
Personality psychology
Raymond Cattell
Carl Rogers

Recommended Research Guides
Subject Guides: Psychology, Resources
by Lynn Smith
Psychology
by Early Gargner

Article Recommender (bX)

DB/ Resource Recommender

8,401,511 results sorted by relevance

Database Recommendations

Web of Science - Web of Science (a.k.a. Web of Knowledge). Provides citations covering over 10,000 high-impact journals in the sciences, social sciences, and arts and humanities, as well as international proceedings coverage for over 120,000 conferences.

ERIC (ProQuest) - The ERIC (Education Resources Information Center) database is sponsored by the U.S. Department of Education to provide extensive access to education literature to augment American education by increasing and facilitating the use of educational research and information to improve practice in learning, teaching, educational decision-making, and research.

1. The Quarterly journal of experimental psychology: A, Human experimental psychology
by Experimental Psychology Society
The Quarterly journal of experimental psychology: A, Human experimental psychology, 1981
Permalink
Journal: JRCR-STACKS, BE189-QJ, DOHERLY (+1 more)
2. The Quarterly journal of experimental psychology: B, Comparative and physiological psychology

Exploration through Data-based Services: Future considerations




Connections and linked data (e.g. via ORCID, ISNI)

Open Access discovery

Visualization

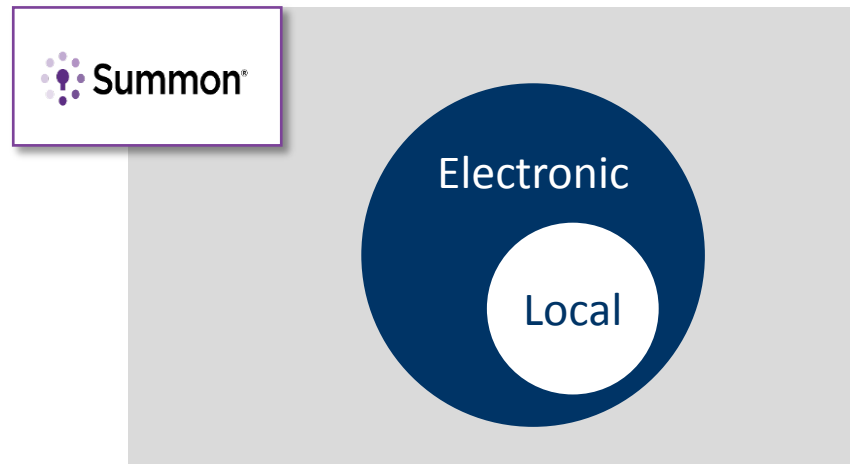
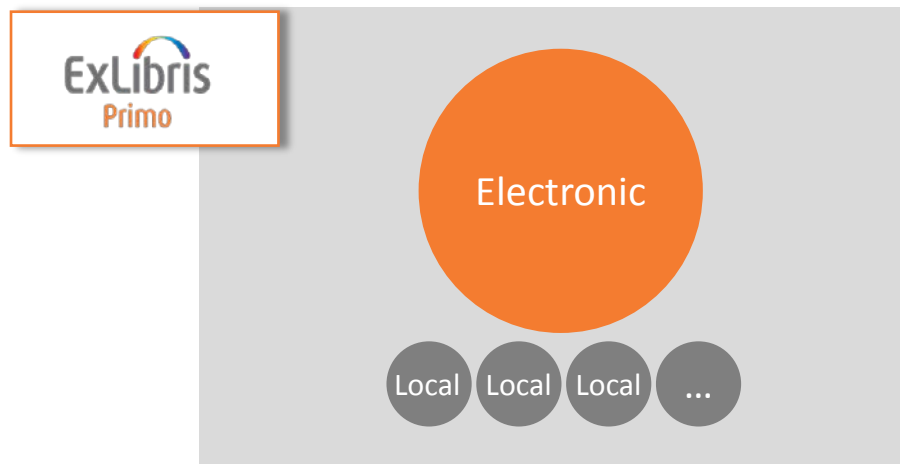
Data correlations

Moving to a Shared Content and Data Model

 **Shared electronic collections**

 **Unified content ingestion process**

 **Loading of existing content and data enrichment to Primo Central / Summon Index**



No change to the method of managing local collections in Primo and Summon

>90 Content types

>4,000 Databases

>2.7 B records

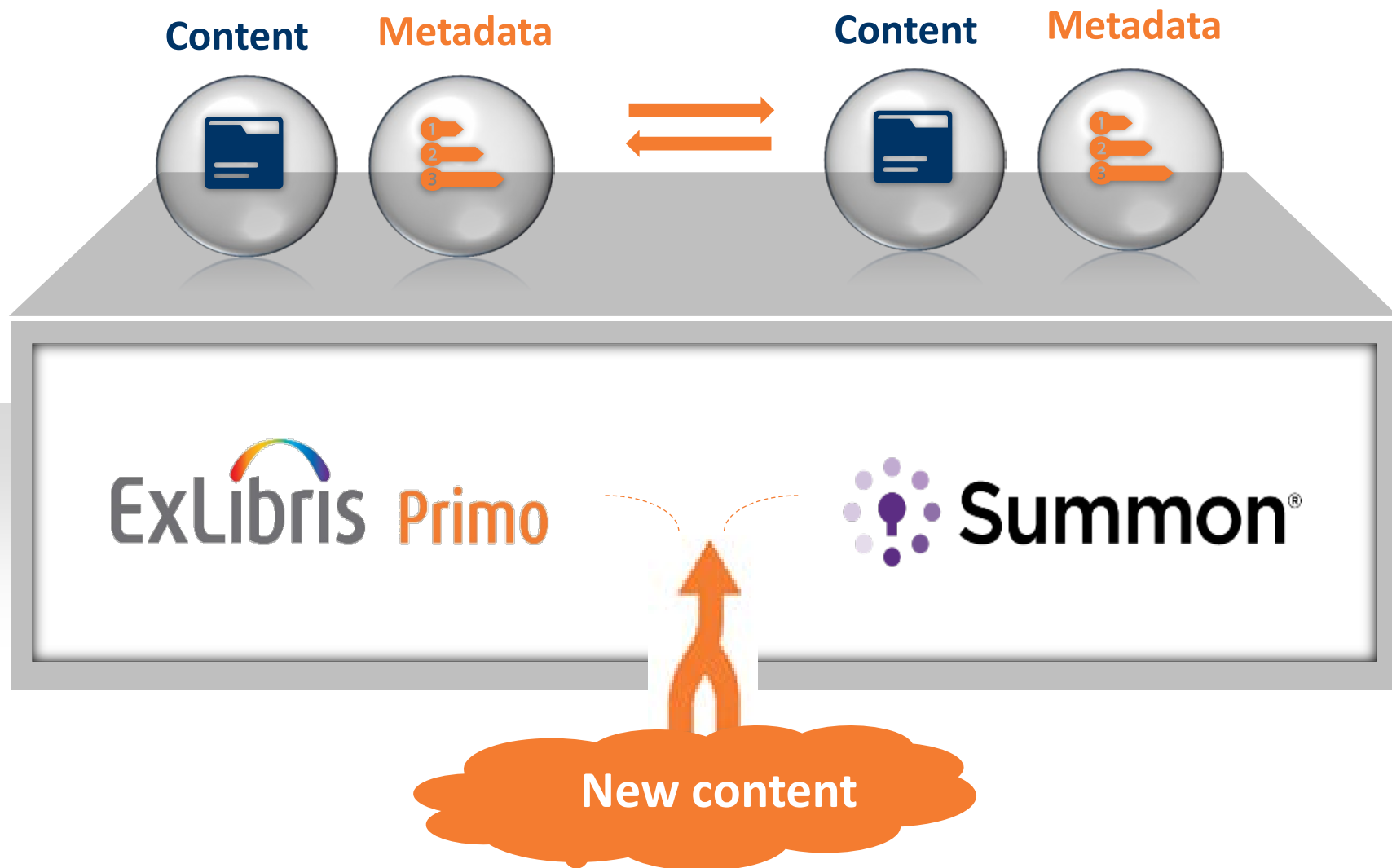


Streamlined process for adding new content

Increased velocity for getting new and backlog content indexed

Provides opportunities to further enrich metadata and correct issues with metadata

What it all means for each service



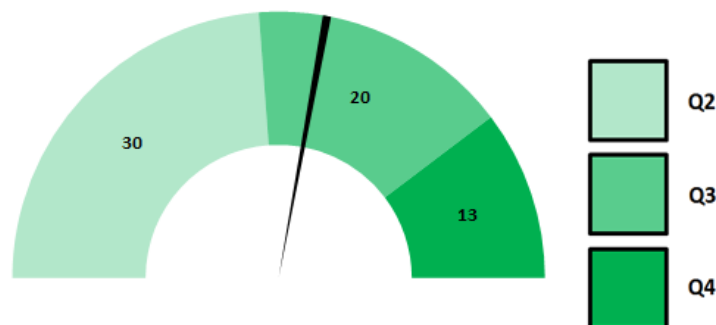
First Let's Call the Lawyers!

More than 500 Agreements with Publishers to Review

Mid-August 2016 Discovery Dashboard

2016 Primo to Summon Rights

Agreements
signed:



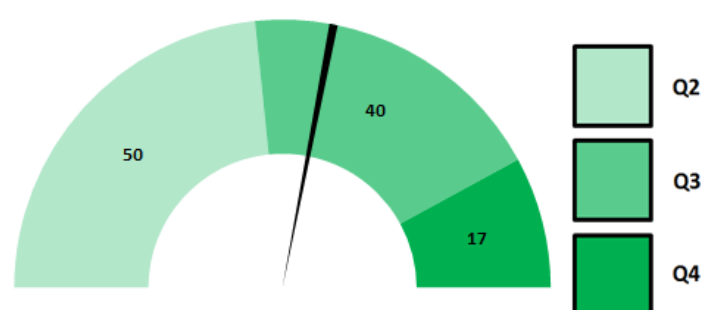
Status: On Track

2016 Goal: 63 agreements

Signed YTD: 35 agreements

2016 Summon to Primo Rights

Agreements
signed:



Status: On Track

2016 Goal: 107 agreements

Signed YTD: 61 agreements

First collection completed in May!

- American Institute of Aeronautics and Astronautics (AIAA) now in Primo
 - *More than 300 books, articles from 16 journals, 5 proceedings titles and also standards - no item level count available for now*
- Increased velocity after that date through approx. June 2017

Shared Content So Far (As of September 1)

> 150 Collections shared from Summon to Primo

Shared Collection Examples

Vandenhoeck & Ruprecht: Journals and ebooks

Knovel Corporation: ebooks

American Medical Association: Journals

ACM Digital Library: Conference proceedings, journals

Al Manhal FZ: Journals, books, dissertations

UKSG: Journals

Brill: ebooks and journals CRC Press

Australian National Data Service: Research from Australian research organizations

Chinese Academy of Social Sciences (CASS): Chinese Academy of Social Sciences research

Defense Technical Information Center: DTIC Technical Reports

Oxford University Press: Scholarly editions content

Cambridge University Press: Cambridge Histories

American Institute of Physics: Journals, Open Access

Optical Society of America : Journals, Reports

Igaku Shoin: Medical Finder Journals

Key Note: Market Research reports

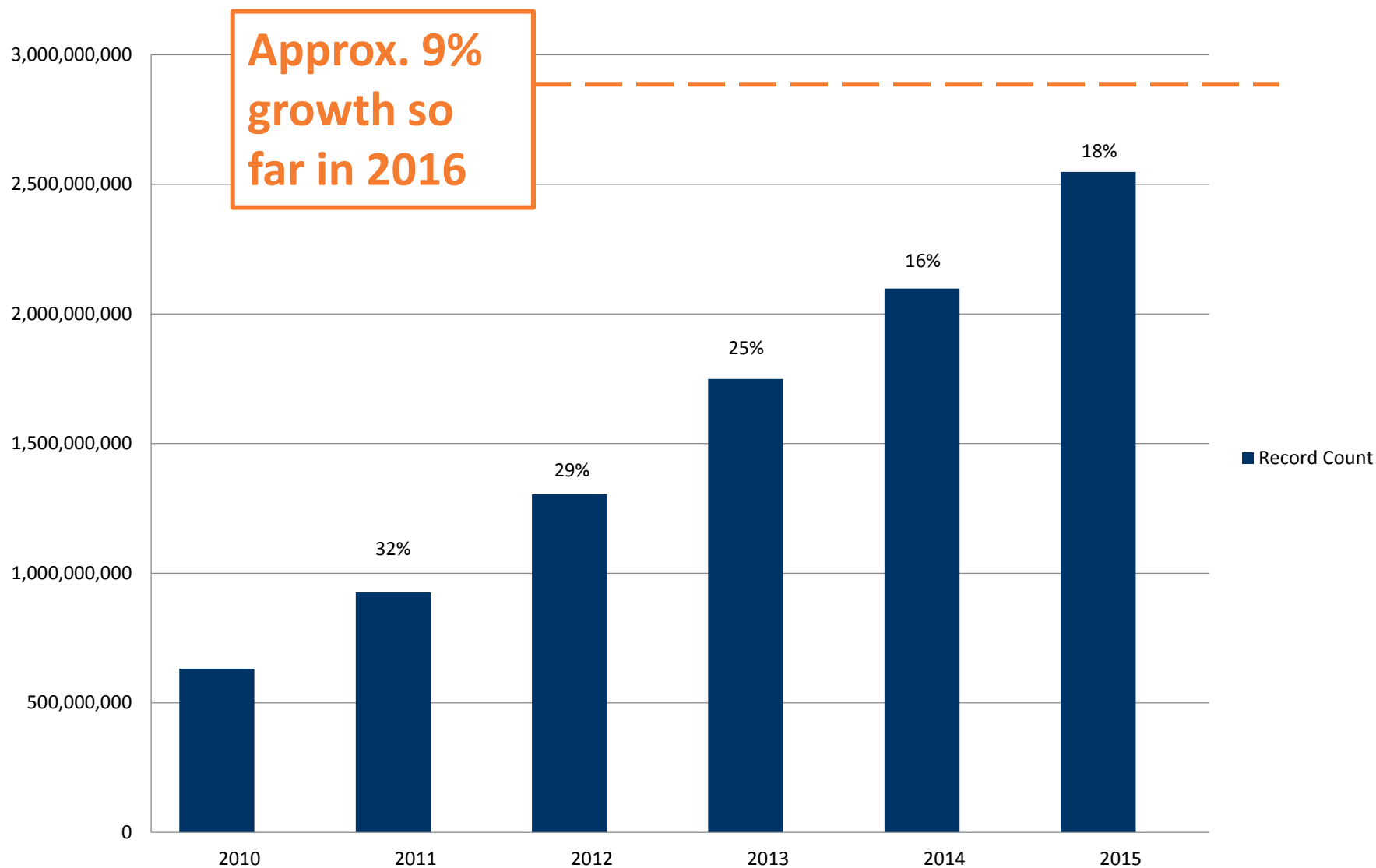
Equinox Publishing: Journals

Tanner Ritchie Publishing: Medieval and Early Modern Sources Online (MEMSO)

Nurimedia: ebooks

American Museum of Natural History: Research Library, Reports

Historical View & Growth Rate



 Summon® index growth

Unique Content to Share - Summon

- Summon has over 800 digital collections and institutional repositories available to share
 - Much of this content is library contributed and unique special collections
 - Most of it is open access

Open Collections

Explore 1 unique digital objects.

UBC

Search All Content Search dRcle Only

Browse by

THE UNIVERSITY OF BRITISH COLUMBIA

2. Letter, Florence Nightingale to (unknown), pre-1891
by Nightingale, Florence, 1820-1910
[Permalink](#)
Florence Nightingale to [Unknown]. Accepting invitation to use correspondent's carriage if her own is not available...
Archival Material: [Citation Online](#)

3. Letter, Florence Nightingale to Rosalind Nash, (n.d.)
by Nightingale, Florence, 1820-1910
[Permalink](#)
Florence Nightingale to Rosalind Nash conveying best wishes to her and Samuel Smith for all Christmases to come...
Archival Material: [Citation Online](#)

Unique Content to Share – Primo

- Primo Open Access

- 40+ collections
- OA flag for hybrid



Have you heard of recent requirements by the National Institutes of Health (NIH), as well as pending requirements for National Science Foundation (NSF) grant recipients to have a plan in place for data management?

Do you know your University Libraries has a repository service available to you that

addresses these needs?

ThinkTech is an online publishing and archival service for the Texas Tech University community that scholars may use to distribute and archive their scholarly works with no limitations on content or format. ThinkTech also provides access to materials that traditional publications cannot. Users may access:

- Gray literature
- Video
- Audio
- Images
- Data sets
- Charts/graphs



Support for Open Access Discovery

New OA flag in the Summon schema to support Open Access initiatives for Summon and Primo



Unified Content Ingestion Process

 **Shared
electronic
collections**



**Loading of existing content
and data enrichment to Primo
Central / Summon Index**

Unified content ingestion process



- Summon ingest process, normalization, metadata clean-up and enrichment

The Content Ingestion Process for Commercial Content

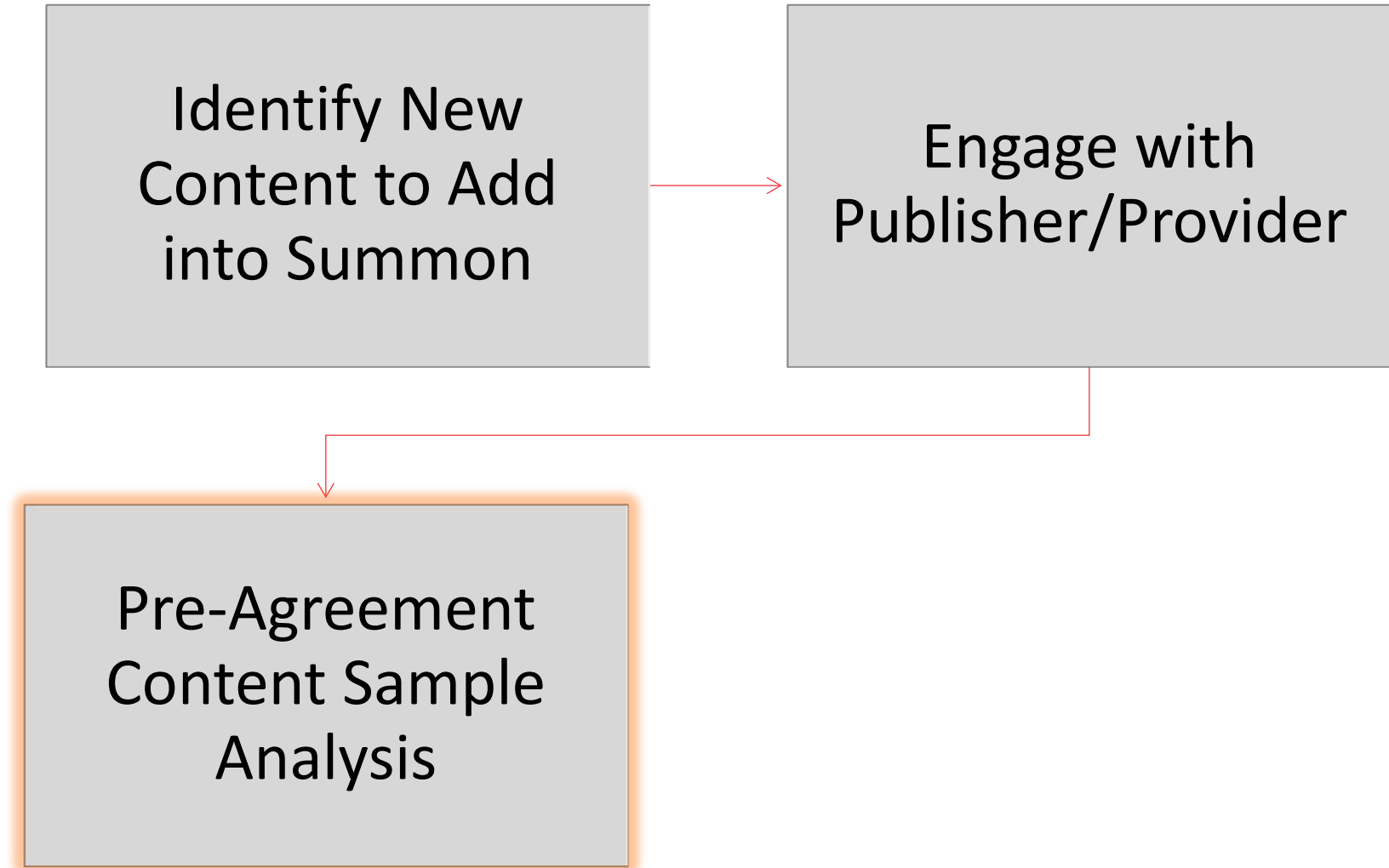
Identify New
Content to Add
into Discovery

Identifying New Commercial Content

- Product Management, Sales, and our Global Content Alliance work together to identify new content to add into Summon & Primo
- New content requests from customers:
 - NERs voting
 - Idea Exchange
- Publishers and content providers may also request to have their content added



The Content Ingestion Process for Commercial Content



Pre-Agreement Content Sample Analysis

- The sample analysis is used to help determine the quality and extent of the metadata and the metadata schema
- We also try to determine things such as linking methods, how rights are assigned to the content, and what databases we may need in our knowledgebase (if they don't already exist)
- We often indexes content at the article-level, or chapter-level as that is usually the level of granularity that the content is supplied at



What Metadata Do We Look For During Sample Analysis?

Title Metadata

- Article titles, Book titles, Publication titles, Subtitles, etc.

Identifier Metadata

- Unique IDs for specific articles, chapters, etc.
- Publication-level unique identifiers such as ISSN or ISBN
- Additional identifiers such as OCLC Number, LCCN, DOI, etc.

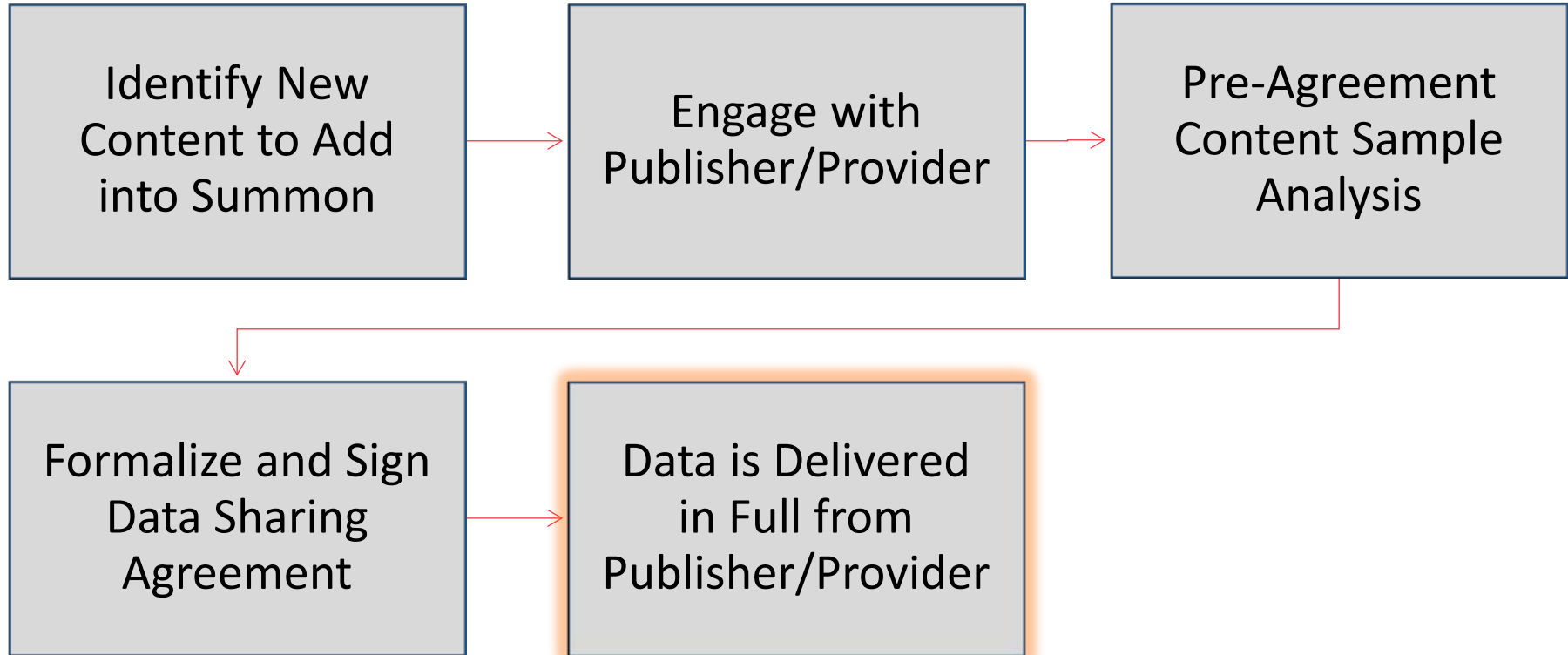
Publication Information Metadata

- Publisher, Author(s), Corporate Authors, Volume Numbers, Issue Numbers, Start Page, Publication Date, Publication Series, ORCID etc.

Additional Metadata

- Subject Headings, Keywords, Language, Classification

The Content Ingestion Process for Commercial Content



Data Acquisition/Delivery Methods

Acquisition/Delivery Method

FTP

OAI-PMH

Simple HTTP

Custom API

File Formats

MARC21

UNIMARC

MARCXML

Dublin Core XML

NLM XML

ONIX XML

OAI-PMH XML

Custom XML

Excel

PDF*

Flat File

Encodings

UTF-8

MARC8

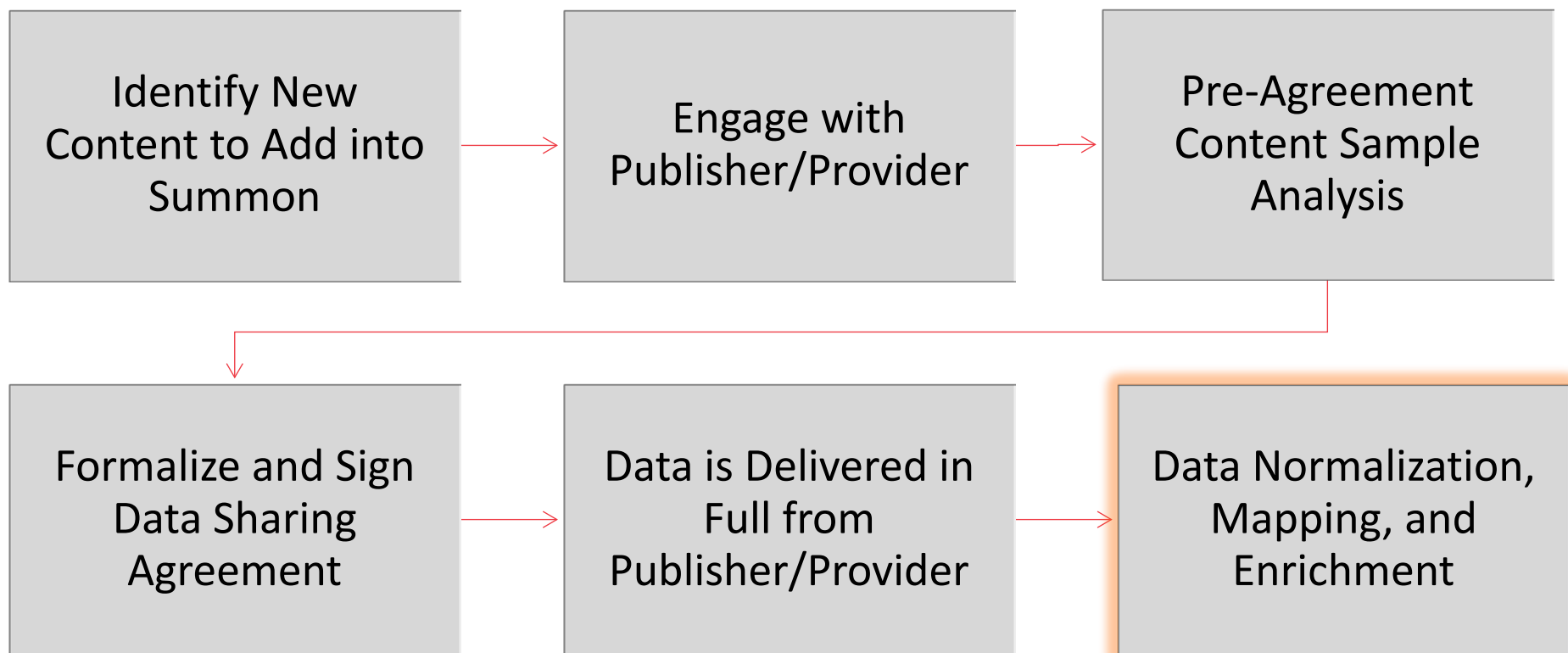
ISO-8859-1

GB2312

GB18030

*Full-text commercial content only

The Content Ingestion Process for Commercial Content



Data Normalization, Mapping, and Enrichment Work

Data Normalization

- Very basic high-level clean-up of the data to standardize it
- Examples include:
 - Remove leading/trailing white spaces in Title and Subtitle fields
 - Clean-up diacritics and other encoding issues

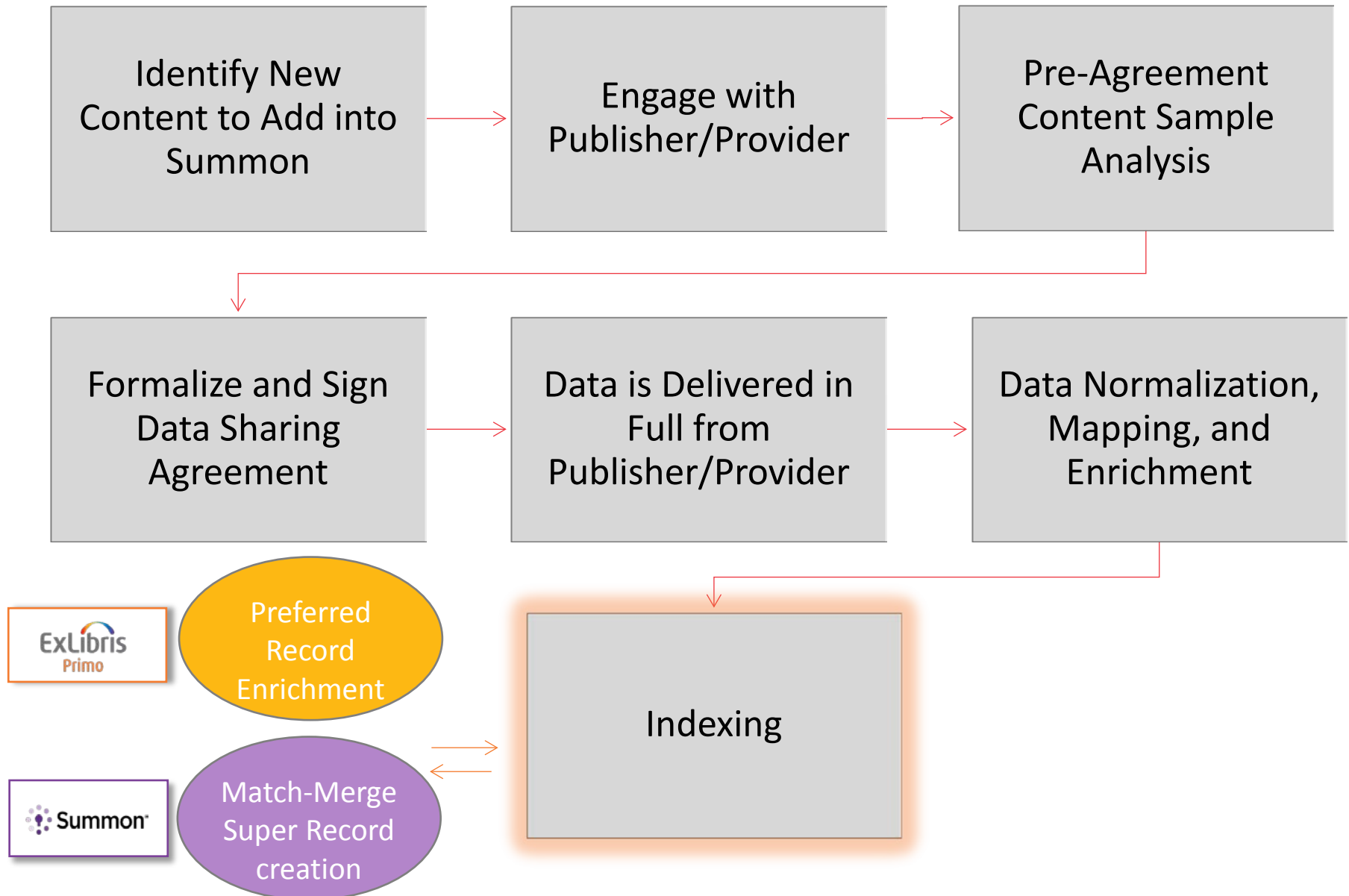
Mapping

- Map the metadata fields in the records to the Summon schema
- This allows the metadata to appear in the UI and/or be made searchable within Summon (and Primo)

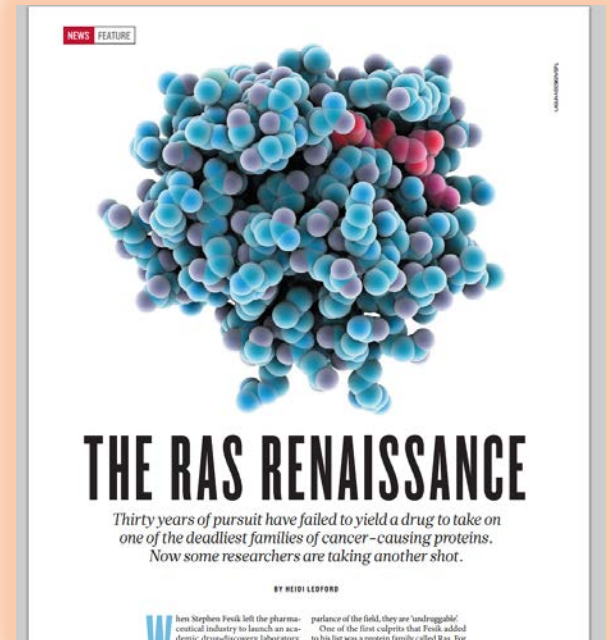
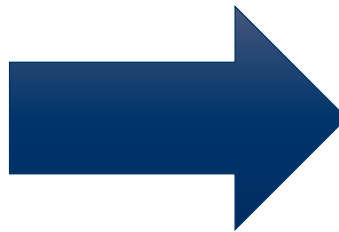
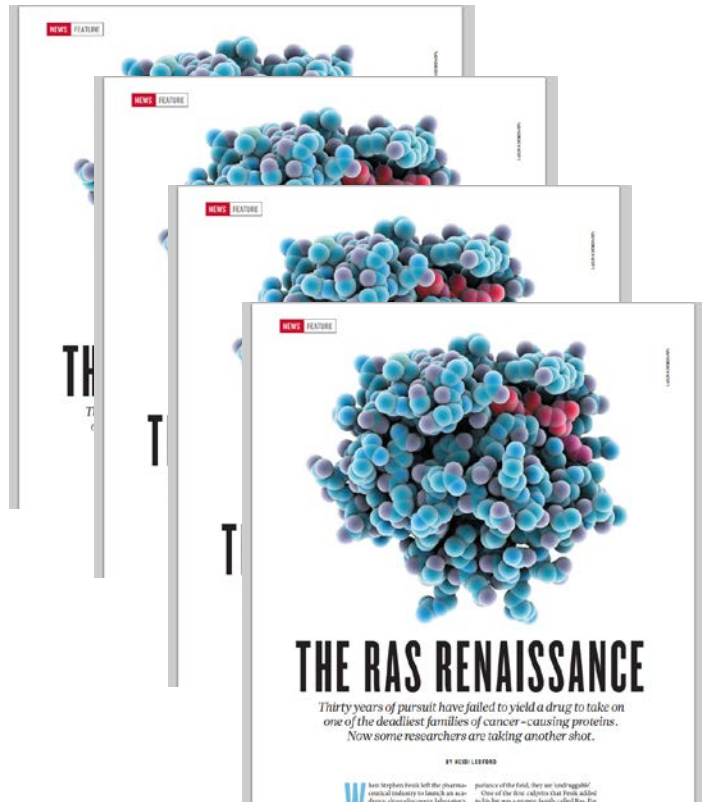
Enrichment

- Enriching the content by adding additional metadata when applicable
- Examples:
 - Scholarly/peer-reviewed flags from Ulrich's
 - Citation counts from Scopus
 - Book cover images from Syndetics

The Content Ingestion Process for Commercial Content



Record Deduplication: Merged “Super Records”



- Summon displays a Single Record
- Primo displays an enriched record and options to view all versions

Cancer: The RAS Renaissance
by Ledford, Heidi
Nature, ISSN 0028-0836, 04/2015, Volume 520, Issue 7547, pp. 278-280

455 results sorted by [relevance](#)

☐ Add results beyond your library's collection



1. Rage against the market: Bristol's Tesco riot

by [Clement, M](#)

RACE & CLASS, 01/2012, Volume 53, Issue 3

Permalink

In April 2011, in the inner-city Stokes Croft area of Bristol, a riot broke out triggered by the heavy-handed policing of a sustained campaign opposed to the building of a Tesco store in the area...

Journal Article: [Full Text Online](#)

Cited by 6 (Web of Science™)



2. R

by [C](#)

Race

Permalink

In April 2011, in the inner-city Stokes Croft area of Bristol, a riot broke out triggered by the heavy-handed policing of a sustained campaign opposed to the building of a Tesco store in the area...

Journal Article: [Full Text Online](#)



3. Public engagement and social science

by [Maite, Stella, editor](#); [Griffiths, David, author](#)

2014

Summon record

Results 1 - 10 of 554 for All Resources

sorted by: [relevance](#)

- Rage against the market: Bristol's Tesco riot**
Clement, Matt
Race & Class, 2012, Vol.53(3), pp.81-90 [Peer Reviewed Journal]
June 2011 Greek general Clement: [Rage against the market](#) first Clement: [Rage against the market](#) 87 three months...
[Delhi, Singapore, Washington DC](#) [Rage against the market](#)

Full text available

[View all versions](#)

[View It](#) [Details](#) [Reviews & Tags](#) [Recommendations](#)

- Killer stuff and tons of money : seeking history and hidden gems in flea-market**

Primo record

[Read Online](#) [Cite](#) [Email](#)

Rage against the market: Bristol's Tesco riot

by [Clement, M](#)

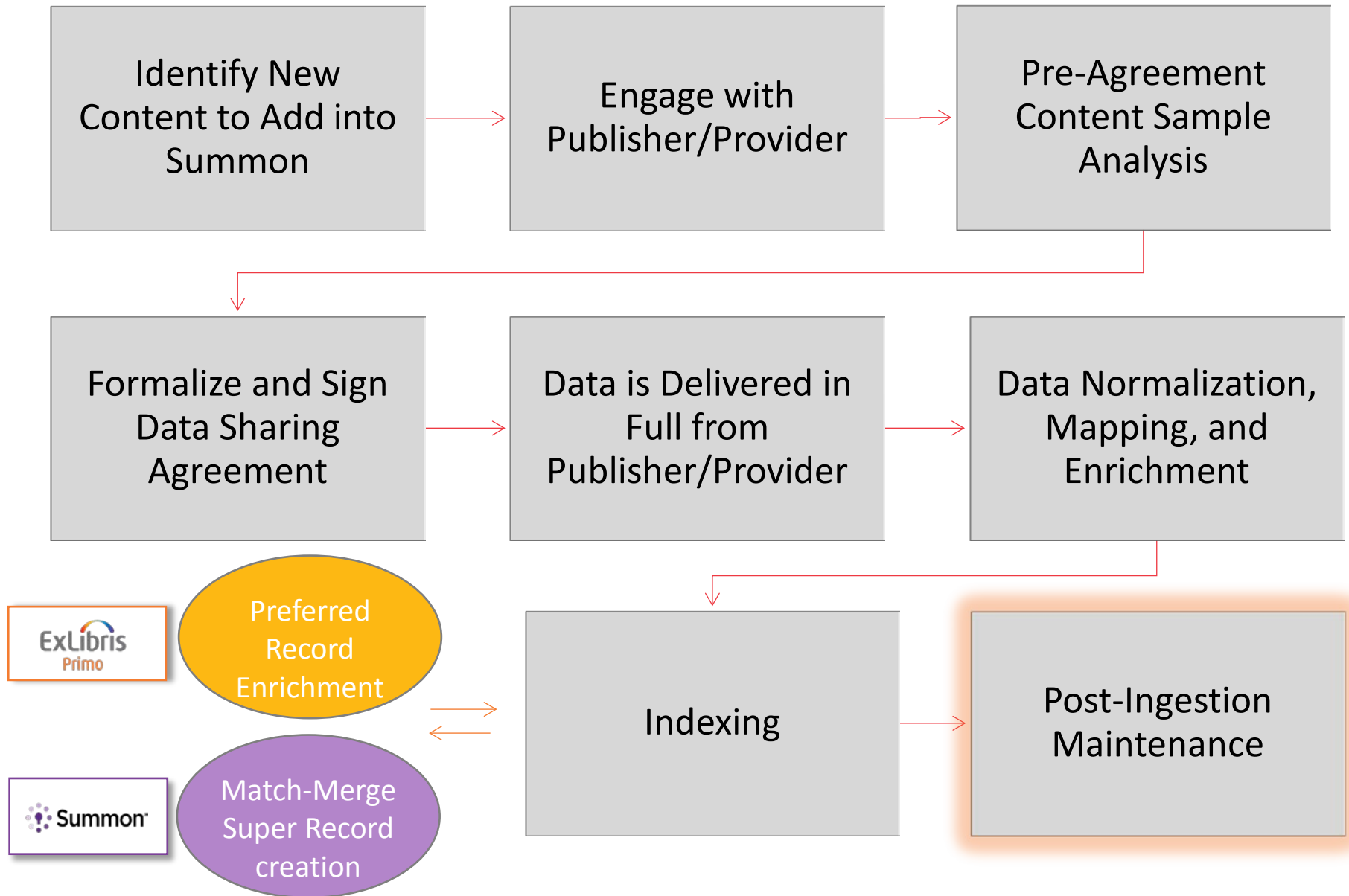
In April 2011, in the inner-city Stokes Croft area of Bristol, a riot broke out triggered by the heavy-handed policing of a sustained campaign opposed to the building of a Tesco store in the area. Stokes Croft is adjacent to the St Paul's area where, thirty-one years ago, the first of the 1980s series of riots, across cities throughout Britain, took place. This piece examines the underlying background to the 'Tesco riots', including increasing gentrification, lack of housing and rising levels of inequality; the mixed and multicultural nature of the local population; and the inordinate power and control wielded by a giant corporation like Tesco. Was the Tesco riot a harbinger of a growing, subterranean mood of resistance? Was it one aspect of a new social movement?

Web of Science

Cited by: 6 Web of Science™

Publication Title: RACE & CLASS
Publisher: SAGE PUBLICATIONS LTD
Volume: 53
Issue: 3
Pages: 81 - 90
Page Count: 10
Date : 01/2012
ISSN: 0306-3968
EISSN: 1741-3125
DOI: 10.1177/0306396811425987
Genre: Editorial Material
Subjects: SOCIOLOGY, Bristol, August riots, ETHNIC STUDIES, People's Republic of Stokes Croft, squatters' movement, policing, multiculturalism, SOCIAL SCIENCES, INTERDISCIPLINARY, SOCIAL ISSUES, Tesco riot, St Paul's, Black and White Cafe, ANTHROPOLOGY, Riots, August riots Black and White Cafe Bristol multiculturalism People's Republic of Stokes Croft policing squatters' movement St Paul's Tesco riot, Housing, Corporations, Resistance, article, Investigations (Law Enforcement), Inequality, England, Markets, Social Movements, History-Europe/Asia/Middle East, Cities, Multiculturalism & pluralism, Social activism

The Content Ingestion Process for Commercial Content



Post-Ingestion Maintenance

Currency

- Currency is the process of the publisher/provider sending to Summon new/updated metadata records, or record deletions for content that need to be removed
- Frequency of providing updates is often at the discretion of the publisher/provider

Update Mappings

- For library catalog and institutional repository content, update mappings upon request
- For commercial content, will update mappings as needed or if issues are reported

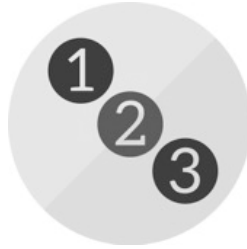
Metadata Issues

- Address reported issues of metadata quality
- Most issues involve incorrect metadata, or slight variations in the metadata that may impact OpenURL linking or the record deduplication process
- We do not make metadata corrections to library catalog or institutional repository records

Great Services Fueled by Shared Content and Data Expertise



Content



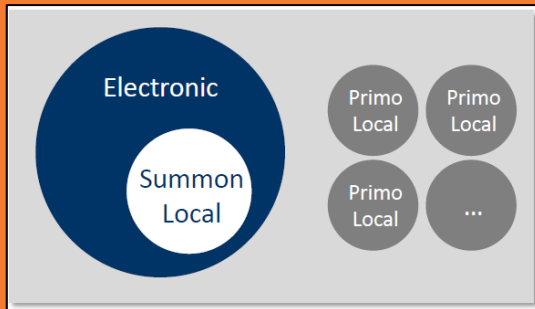
Metadata



Expertise



Technology



- Most comprehensive central index and always growing...
- Unique collections
- Commitment to content neutrality

Discussion / Q&A

THANK YOU

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christine.stohn@exlibrisgroup.com