



Achieving Better Content: Leading Metadata to Higher Standards

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Agenda

- The Content Mountain - Story of growth
- Growth originated challenges
- Keeping up with the content
- Data improvements in CDI to enhance discoverability and user experience
- Data flows



The Content Mountain

Depth, Breadth and Perspectives



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The Content Mountain

15M

Bib records in Alma

150

Languages with
45 authority
vocabularies

5.2

Billion records in CDI:

- 964 m Articles
- 830 m Books / eBooks
- 148 m Patents

40,000

Collections in KBs

Content Has Grown in Volume and Breadth



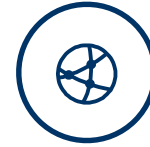
Highly Activated

44 collections with
over 1,000 activations



Great Variety

8,408 collections with
less than 10 activations



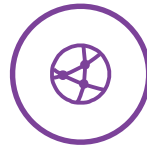
Open Access

333M OA items in CDI



Local Representations

1,667 local
collections in CDI



Content Providers

Over 5,000 in CDI



Authority Vocabularies

57.1 million authority
records in Alma CZ

Growth Originated Challenges

- Staying current
- Metadata quality





The Way to Data Excellence



Capacity, Efficiency,
Speed and Quality



Quicker Updates

Increase update frequency of Alma



Better Quality

Improve and expand MARC
metadata in Alma CZ



Improved Discoverability

Enhance linking and rights for CDI users

Transparent communication and collaboration with community and providers

Updates Challenge – Data Excellence

Daily Ingest

- Reduce turnaround to daily updates
- 10 million portfolios affected
- ~165,000 activations
- By end of 2023: 70% of all CZ portfolios will be updated daily

Automation, improve ingest process, clean up collections.

Quality Challenge – Data Excellence

Better Metadata through various sources:

1. Selecting highly activated eBook collections:
 - So far over 67,000 Bib records
 - Planning to enrich ~200,000 Bib records by end of 2023
 - Over 20,500 activations

Quality Challenge – Data Excellence

2. Cooperating with Providers

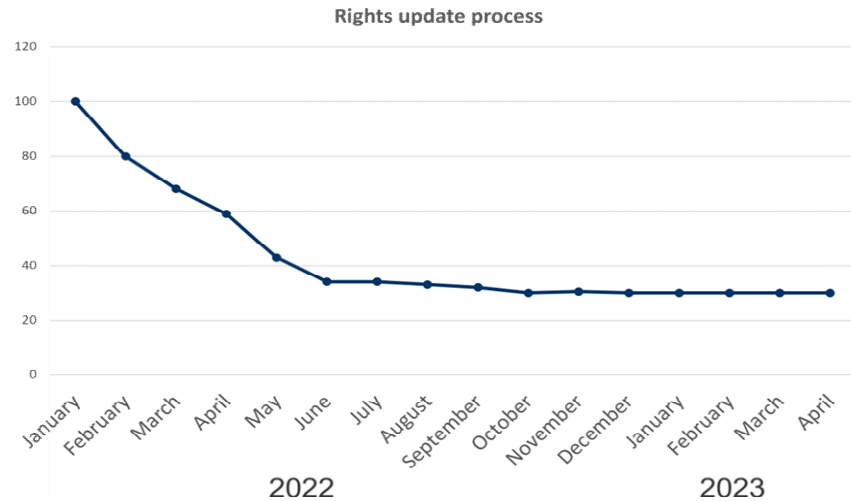
- Reviewing available metadata
- Increase capacity of Provider Relations team

3. Alternative sources enrichment

- LOC print records
- Project Gutenberg

Discoverability Challenge – Data Excellence

- Linking method flexibility (Link in record, link resolver or hybrid)
- QuickLinks:
 - 35 providers
 - 11,222 collections
 - 1.56 billion records
 - 99% linking success rate
- Rights processing time





Data Improvements in CDI to Enhance Discoverability and User Experience

Document attributes (**secondary resource types**)

Definition

- **Attributes** associated with a record to provide more information
- Does not replace but **adds value to** the existing 'primary' resource type

Purpose

- **Display additional information** about the record/item (display flag)
- Used in search and as filters (facets)

Priority 2023

- *Review article*
- *Primary source*
- *Preprint*
- *Retracted Publication*
- *Retraction notice*
- *Withdrawn Publication*
- *Withdrawal notice/ Item withdrawal*

1



ARTICLE

Music Therapy for Children With Autistic Spectrum Disorder and/or Other Neurodevelopmental Disorders: A Systematic Review

Mayer-Benarous, Hanna ; Benarous, Xavier ; Vonthron, François ; Cohen, David

Frontiers in psychiatry, 2021, Vol.12, p.643234-643234

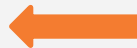


PEER REVIEWED



OPEN ACCESS

REVIEW ARTICLE



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Available Online >



1



ARTICLE

Structural Evolution and Onset of the Density Wave Transition in the CDW Superconductor $\text{LaPtS}_2\text{Si}_2$ Clarified with Synchrotron XRD

Nocerino, Elisabetta ; Lorenzo, Irene San ; Papadopoulos, Konstantinos ; Medarde, Marisa ; Lyu, Jike ; Klein, Yannick Maximilian ; Minelli, Arianna ; Hossain, Zakir ; Thamizhavel, Arumugam ; Lefmann, Kim ; Ivashko, Oleh ; von Zimmermann, Martin ; Sassa, Yasmine ; Månsson, Martin

2022; 2022



PEER REVIEWED



OPEN ACCESS

PREPRINT



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A 25-year experience with Carpentier-Edwards Perimount in the mitral position X / Library Catalog and CDI Search everything

Tweak your results

- Expand My Results
- Search in Full Text

Sort by Relevance

Availability

Resource Type

Articles (8)

Newsletter Articles (1)

Retracted Publication (1)

Retraction Notice (1)

Newspapers search

Subject

0 selected 1-9 of 9 Results Personalize

1



ARTICLE

A 25-year experience with Carpentier-Edwards Perimount in the mitral position

Ayegnon, Kouakou Gregoire ; Aupart, Michel ; Bourguignon, Thierry ; Mirza, Alain ; May, Marc-Antoine ; Marchand, Michel

Asian cardiovascular & thoracic annals, 2011, Vol.19 (1), p.14-19

“ Data of 401 patients who underwent mitral valve replacement with the Carpentier-Edwards Perimount bioprosthesis between 1984 and 2009 were evaluated... ”

RETRACTED PUBLICATION

Available Online

2



ARTICLE

Retraction. "A 25-year experience with Carpentier-Edwards Perimount in the mitral position"

Asian cardiovascular & thoracic annals, 2011, Vol.19 (3-4), p.292-292

RETRACTION NOTICE

This publication has been retracted/withdrawn
Notice of retraction/withdrawal

1 **Correction to 'Imitation of novel conspecific and human speech sounds in the killer whale (*Orcinus orca*...**
by Abramson, J. Z.; Hernández-Lloreda, M. V.; García, L. ; More...

Peer-Reviewed
Open Access

Quick Look

Proceedings of the Royal Society. B, Biological sciences, 02/2018, Volume 285, Issue 1873

Journal Article PDF Full Text Online

2 **Comments on "Killer whale (*Orcinus orca*) behavioral audiograms" [J. Acoust. Soc...**
by Heffner, Henry E.; Heffner, Rickye S.

Peer-Reviewed
Primary Source
Preprint
Review Article
Open Access

Quick Look

The Journal of the Acoustical Society of America, 01/2018, Volume 143, Issue 1
Branstetter and his colleagues present the audiograms of eight killer whales and provide a comprehensive review of previous killer whale audiograms. In their...

Journal Article PDF Full Text Online

Citations Cited by

1

Other CDI Data Enhancements 2023

- **New resource types** (for Primo): Magazines, magazine articles, questionnaire
- Improve consistency of **language** and **publication date** fields between index and display
- Better identification of **book reviews** by a set of rules
- **Improve OA-handling**, with the addition of Unpaywall as an indexed collection

Two Important Data Projects

- **Subject heading normalization project**

- **Goal:** Separate disciplines, subject headings and keywords
- **Subject headings** are those that can be mapped against a vocabulary (incl. MeSH, LCSH)
- The facet be generated from the **subject heading field**

- **Author identification**

- Enrich CDI with **ORCIDs** and connect to author names where available to identify authors better

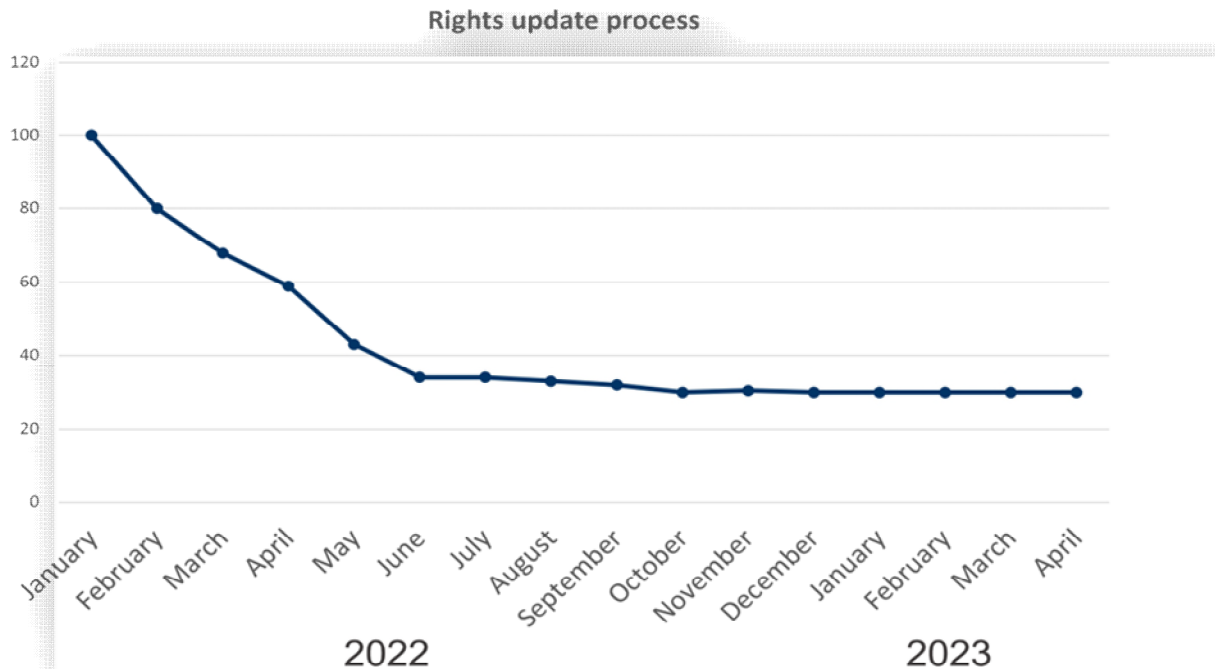
Both projects help us to move towards a linked data network in CDI




Data excellence for rights and access

Quicker availability with faster rights processing

From 100 to an average of 30 hours from activation to discovery



Fulltext access enhanced: Linking improvements

- Increased use of document ID for linking accuracy
- Focus on **Quicklinks** 

- Now with 35 supported providers
- Over **11,222** collections with **1.56 billion** records
- Linking success rates 99%

- Over 400 institutions currently active or testing
- More than 1,3 Mio clicks March 2023

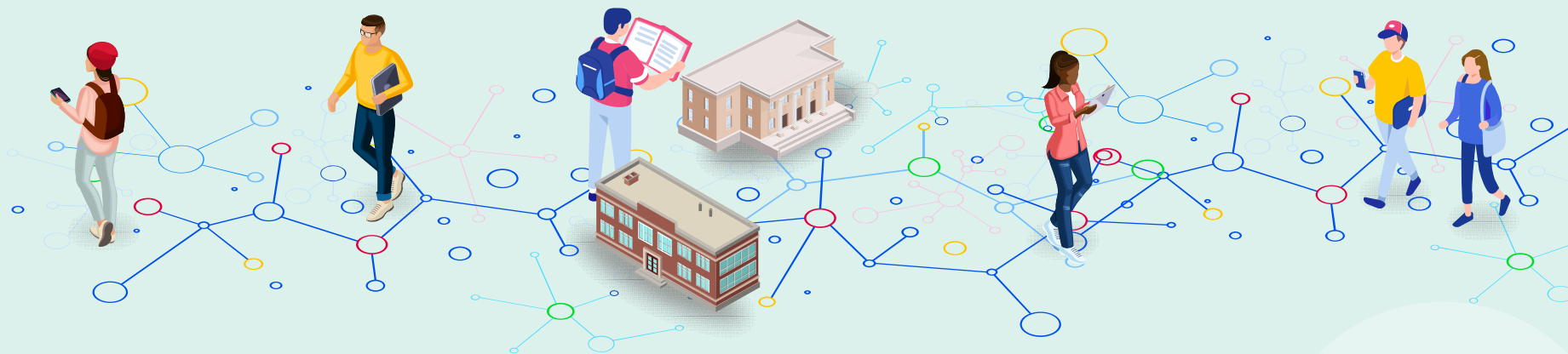
More providers coming in 2023

Quicklinks enables users to go directly to the full text with one click. For more information about Quicklinks, see the following articles:

- Quicklinks in Summon
- Quicklinks in Primo and Primo VE

The following table lists which providers currently support Quicklinks and is updated as providers are added or changed.

Provider	Content	Type of Quicklink (PDF/HTML)	Last Updated
ACM Digital Library	All	PDF	
Elsevier	All	HTML	
ProQuest	All Content excluding eBooks on the ProQuest Platform https://www.proquest.com	HTML (In most cases a link to download the PDF full text is included with the article)	
SAGE Publications	Journals under https://journals.sagepub.com	PDF, HTML	
Springer Nature	Journals and Books under https://link.springer.com	PDF, HTML	
Wiley-Blackwell	Journals and Books under https://onlinelibrary.wiley.com	PDF, HTML	
Bloome	Journals Content under https://bloome.org	PDF	
IDP Publishing	All	PDF	
National Library of Medicine	Content which is part of PubMed Central collection under https://www.ncbi.nlm.nih.gov	PDF, HTML	
New England Journal of Medicine	Content under https://www.nejm.org	PDF, HTML	
Emerald	Journals and Books under https://www.emerald.com/	PDF, HTML	
Credo Reference	Content under https://search.credoreference.com/	PDF, HTML	March 27, 2023 - Added PDF
Thieme	All journal content besides conference proceedings under https://www.thieme-connect.de/products/journals	PDF, HTML	
IEEE	Content under http://ieeexplore.ieee.org	HTML	
Many Ann Liebert, Inc.	Journals under https://www.liebertpub.com/	PDF, HTML	
SPIE	Content under https://www.spiedigitallibrary.org/	PDF, HTML	
University of Chicago Press		PDF, HTML	
Royal Society Publications	Content under https://royalsocietypublishing.org	PDF, HTML	



The Data Flow

Where Is The Data Coming From... And Where Does it Go

- Providers
- Through the products
- End-users functionality



To Summarize

- Data Excellence is the main initiative for Ex Libris to achieve better content
- Leading metadata to higher standards using internal and external solutions
- Selective efforts to improve quality, get quicker updates and enhance availability
- Community – Providers – Ex Libris

Thank you!

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