Ex Libris Central Discovery Index: An Overview and Update

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Library Discovery – opening doors

**Publisher and aggregator content**
E.g.: Springer, Wiley, ProQuest

**Digital repositories**
E.g.: ContentDM, Rosetta

**Research outputs & data**
E.g.: Esploro, Fedora, Dspace

**Open Access content**
E.g.: DOAJ, hybrid collections, IRs, unpaywall

**Library catalog**
E.g.: Alma, Sierra, WorldShare

**Audiovisual content**
E.g.: Alexander Street Press, Kanopy

**Special Collections**
E.g.: Manuscripts, images

**Discovery enrichment**
E.g.: Altmetrics, Syndetics Unbound
Our environment rapidly evolves

Steep increase of the amount material available

Increased influence of social media and consumer platforms on user perception

Increased focus on data mining, data science

More diverse material types

Open access

Better technologies - more processing power
Meeting the challenge – key strategies

- Putting Data Science at the core of discovery
- Leveraging intelligence from our big data repositories
- Offering contextual services in addition to the one search box approach
- Consolidating of our data repositories to allow for new innovative services to be created
CDI – the Central Discovery Index

Operational efficiency
- Faster ingest
- Faster updates
- Better quality data
- Single point of activation (for Primo)

Future-ready
Unified index for Primo & Summon
- Primo with Alma or SFX
- Primo VE
- Summon with 360 or Alma

Focus on data intelligence – Smart services based on contextual relations
- Exploration with formal and informal relationships
- Context and glanceability
CDI and local data

- **Summon**
  - **Primo**
  - CDI - Central Discovery Index > 3 billion records
  - Summon local data
  - Primo Local discovery indexes
The move to CDI – key changes

- Latest hardware architecture
- Latest version of all application frameworks, Java, Cassandra & Solr

**Primo**
- Move to single activation via Alma/SFX
- Optional **EasyActive** setting available
- Faster update cycles (Activations and availability flag)
- Merged instead of grouped records
- More granular resource types

**Summon**
- Enhanced performance, move to an upgraded infrastructure
- Search enhancements - specifically known items and short topic searches
Single activation from Alma/SFX to CDI

**Note:** Your Alma/SFX collections will be updated to reflect the settings from your Primo Central institutional profile.
CDI EasyActive setting (for Primo)

Full text settings are under full control of the library

Everything (with exceptions) will automatically be searchable

- Collections will be available to users immediately after ingest
- No delay with activating collections for search
- No „broken link“ between acquiring content and making it available to patrons

Exceptions apply

- Subscribed A&I databases
- Collections with specialized content that are only relevant for specific regions or institutions
- Reference collections
Default search – filtered by availability of results - fully under library control
From the grouped to the merged record

For reference:
Origin of Summon Records, and Match and Merge

## More granular resource types (Primo)

<table>
<thead>
<tr>
<th>Resource Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Archival Material/Manuscript</td>
<td>New</td>
</tr>
<tr>
<td>Book Review</td>
<td>Renamed, previously just <em>Review</em></td>
</tr>
<tr>
<td>Computer File</td>
<td>New</td>
</tr>
<tr>
<td>Dataset</td>
<td>Previously two resource types, <em>Research Dataset</em> and <em>Statistical Dataset</em>, merged for practical reasons</td>
</tr>
<tr>
<td>Market Research</td>
<td>New</td>
</tr>
<tr>
<td>Microform</td>
<td>New</td>
</tr>
<tr>
<td>Newspaper</td>
<td>New</td>
</tr>
<tr>
<td>Report</td>
<td>Renamed, previously <em>Technical Report</em></td>
</tr>
<tr>
<td>Standard</td>
<td>New</td>
</tr>
<tr>
<td>Audiovisual material</td>
<td>Will be separated (resource types and facets)</td>
</tr>
</tbody>
</table>
Search and ranking enhancements – some for Summon, some for Primo

- Short topic searches - mixed result list
- Improvements to known item searches
- Additions to specific language searches
ABOUT THE TOPIC

**humanism**

A philosophical tradition that places humanism historically within European philosophy, where it has a pivotal role in understanding the centrality of human action in order to account for human history. More recently, humanism has been reinterpreted as a movement that mentors the whole person and as a democratic approach to education and society.

Full text available

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ARTICLE

**The Adoption of Humanism in Catholic Spain (1470-1520)**

Bieracki, Martin

Routledge Article; Humanism; Spain; Catholic Kings; Renaissance Reception; Reformation & Renaissance Review, 02 January 2019, Vol.21(1), p.27-46

Peer reviewed

Full text available

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ARTICLE

**Entangled Humanism as a Political Project: William Connolly’s Facing the Planetary**

Ignatov, Anatoli; Grove, Nicole; Livingston, Alexander; Connolly, William

Humanism; Experiments; Radicalism; Political Science Theories; Humanism; Books; Contemporary Political Theory, Mar 2019, Vol.18(1), pp.115-134

Full text available

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BOOK CHAPTER

**Humanism**

Meskens, Ad

Basel: Springer Basel 2010 Mathematics; History of Mathematics; Mathematics

Science Networks. Historical Studies, Travelling Mathematics - The Fate of Diophantos’ Arithmetick, pp.133-138

Full text available

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BOOK CHAPTER

**Humanism**

Tuck, Richard

Oxford University Press 2001 Specific Themes And Topics In History; Gentili; Humanism; Pre-Emptive Strike; Patriotism; De lure Belli; Warfare

The Rights of War and Peace, Chapter 001

Full text available

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ARTICLE

**Humanism**

Mahmood, Saba; Rutherford, Jonathan; Gellert, Jonathan; Humanism; Death; War; Heidelberg; HAU: Journal of Ethnographic Fieldwork

humanism's relation to death singular definition one can only

Full text available
The move to CDI – key changes

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CDI rollout

Phase -1
Development

May 2019

Phase 0
Primo/Alma
Working Group

Aug 2019 - Nov 2019

Phase 1
Summon
All customers
Primo/Alma
Early Access

Nov 2019 – Feb 2020

Phase 2
Primo Alma / VE
All customers
Primo/SFX
Early Access

Feb 2020 - May 2020

Phase 3
Primo/SFX
All customers

May 2020 - Oct 2020

Q2 2019
Q3 2019
Q4 2019
Q1 2020
Q2 2020
CDI and the relationship graph

Summon Primo

CDI - Central Discovery Index > 3 billion records

Summon local data

Graph database

Primo Local discovery indexes
Relations ➔ context ➔ services
Discovery via contextual relations

Books ➔ Book reviews
Books ➔ Book chapters
Book chapters ➔ Other chapters of the same book

Coming later:

Articles ➔ research data
Authors ➔ Other publications by the same author
Journal articles ➔ Other articles of the same journal issue
Formal Data Relations: Contextual

Book --> Book chapter
Beyond the one search box

**Citation trail**
Follow the connections of material citing each other

**Contextual Relations**
Easily finding items relating to material of interest

**bX Article Recommender**
Other users also liked ...

**Topic Exploration**
Explore topics and topic relations
CDI – the Central Discovery Index

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More information

• CDI Overview:
  https://knowledge.exlibrisgroup.com/Primo/Knowledge_Articles/The_Ex_Libris_Central_Discovery_Index_(CDI)_%E2%80%93_An_Overview

• CDI FAQ
  • Primo:
    https://knowledge.exlibrisgroup.com/Primo/Content_Corner/Product_Documentation/CDI_Frequently_Asked_Questions_for_Primo_Customers
  • Summon:
    https://knowledge.exlibrisgroup.com/Summon/Content_Corner/Product_Documentation/CDI_Frequently_Asked_Questions_for_Summon_Customers

• Email: CDI_Info@exlibrisgroup.com
Thank you!

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