

Improving search quality by enhancing access to metadata

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Discovery: Improving User Experience, Quality and Trust' held in Glasgow, 24-
25 July 2023*

Question

Has something been lost in the move towards federated searching and relevance ranking in academic library search interfaces?

digital literacy



All items ▾

that contain my search words ▾

anywhere in the record ▾

Sign in to get complete results and to request items



Sign in



DISMISS

Including "*computer literacy*". Just search *digital literacy*



0 selected

PAGE 1

1-10 of 52,644 Results ▾



1



JOURNAL

Nordic journal of digital literacy (Online)

2010-

PEER REVIEWED OPEN ACCESS

[Available Online >](#)

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2



BOOK

Current trends and future practices for digital literacy and competence

Cartelli, Antonio, 1954-; IGI Global.



"digital literacy"



All items ▾

that contain my search words ▾

anywhere in the record ▾

Sign in to get complete results and to request items



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DISMISS

Including "*computer literacy*". Just search "*digital literacy*"



0 selected

PAGE 1

1-10 of 10,150 Results ▾



1



ARTICLE

Digital Literacy

Barrett-Zahn, Elizabeth; EDITOR Elizabeth Barrett-Zahn

Science and children, 2021, Vol.58 (5), p.6-6

“ Our world has become even more digitally connected, and Digital Literacy (DL) has taken on a much more urgent role...”

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Available Online >



2



JOURNAL

Nordic journal of digital literacy (Online)

2010-



SEARCH CRITERIA

Search filters

Subject ▼ contains ▼ "digital literacy"

OR ▼ Subject ▼ contains ▼ "computer literacy"

+ ADD A NEW LINE

↻ CLEAR

Material Type

All items ▼

Language

Any language ▼

Start Date:

Day ▼ Month ▼ Start

End Date:

Day ▼ Month ▼ End'

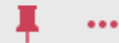
→ Subject contains "digital literacy"

→ OR Subject contains "computer literacy"

🔍 SEARCH

Sign in to get complete results and to request items [Sign in](#) | [DISMISS](#)

0 selected PAGE 1 1-10 of 12,206 Results ▼



Retrieval from multi-word searches

Search term	Plain text	In quotes
Digital literacy	52,644	10,150
Digital competence	18,566	3,177
Information literacy	96,271	22,698

Searches on Edinburgh Napier University's ExLibris Primo Explore, July 2023

Potentially problematical searches

Spelling variations

- “SULPHUR DIOXIDE” would lose some references to “SULFUR DIOXIDE”
- ALUMINIUM would lose some references to ALUMINUM

Disambiguation

- TRAIN (teaching)
- TRAIN (vehicle)
- TRAIN (process)

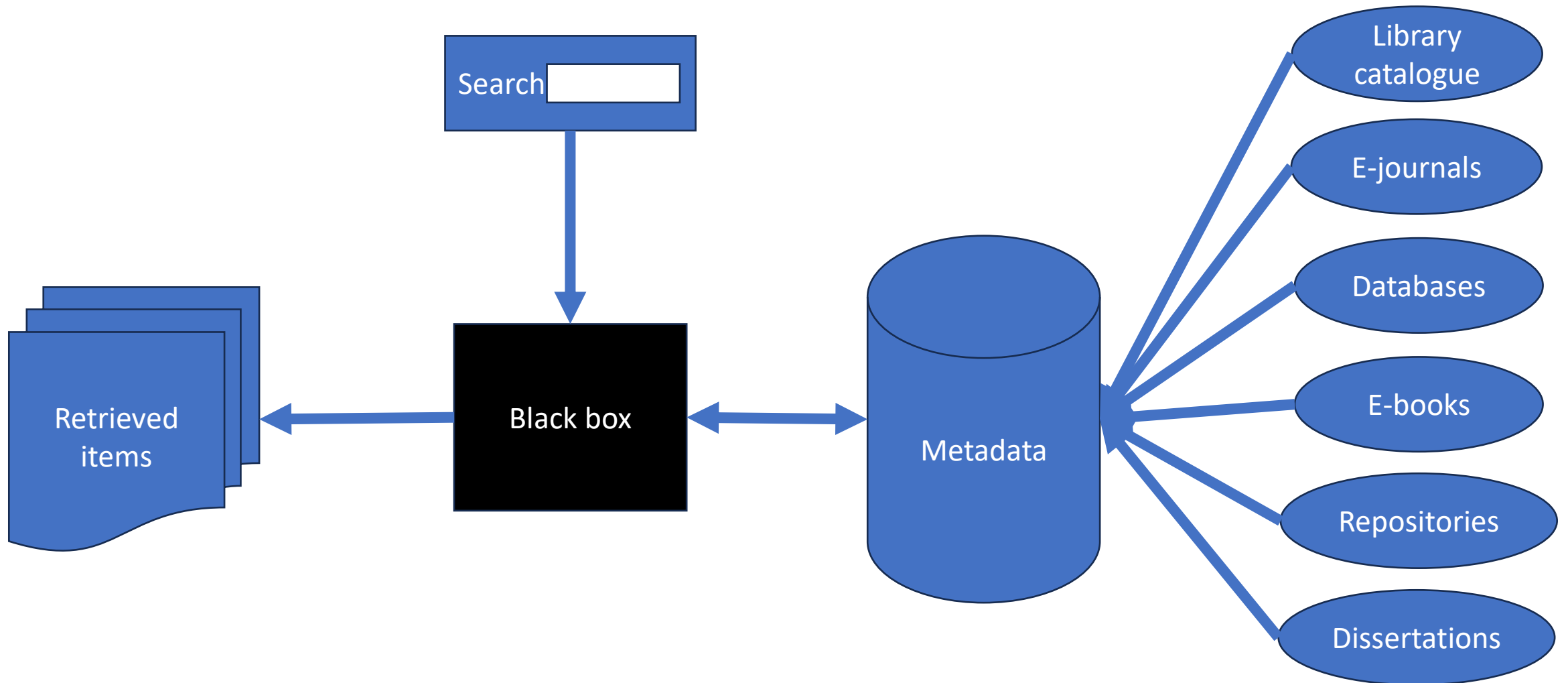
Changing use and regional difference in use of vocabulary

- AMERICAN INDIANS is widely used in older literature
- FIRST NATIONS is widely used in Canadian literature
- NATIVE AMERICANS is more frequently used in contemporary US literature
- AMERINDS was used widely throughout the Americas and Caribbean

Drivers for selection of discovery systems (Olson, 2010)

- Saving money
- Facilitating department reorganisation
- Improving public perception

Discovery system



Library Reference Model (purposes)

Library Reference Model

- Find
- Identify
- Select
- Obtain
- Explore

Cutter – Purposes of a catalogue

- Enable finding
- Show what the library has
- Assist in the choice of a book

Agenda for the guidelines

- Controlled subject terms from vocabularies
- Hierarchical browsing of classification schemes
- Interactive online help and instruction on information searching
- Thesaurus-based search terms suggestions
- Integration of thesauri in search engines
- Multi-lingual thesauri

Functionality of a subject-based discovery system

- KOS-based searching
- KOS-based browsing
- KOS-based indexing
- Image retrieval

Project timetable

Literature review [November 2022-September 2023]

Preliminary survey [July-September 2023]

Focus Groups [September-December 2023]

Draft Guidelines [January-April 2024]

Consultations with interest groups [April-June 2024]

Publication of Guidelines [September 2024]

Members of the working group

- Claudio Gnoli (University of Pavia, Italy)
- Koraljka Golub (Linnean University, Sweden)
- David Haynes (Edinburgh Napier University)
- Patrick Lambe (ISKO-SG, Singapore) until May 2023
- Athena Salaba (Kent State University, United States)
- Ali Shiri (University of Alberta, Canada)
- Aida Slavic (UDCC, Netherlands)

Get involved and shape the future of resource discovery in libraries

- d.haynes@napier.ac.uk
- <https://www.isko.org/stac/metadata>
- Questionnaire survey (respond and help to distribute)
- Online focus groups
- Representation with suppliers
- Notify professional networks
- Feedback on draft documents