

# From Shelves to Digital Portals: ARCE Library's Digital Transformation



# Introduction & Context



# Introduction to ARCE Library



# The Need for Digital Transformation

- **Outdated card catalogues and Excel tracking**
- **Inconsistent metadata**
- **Limited global access**



# PROJECT GOALS

- **Implementation of the Koha Integrated Library System (ILS)**
- **Launch of a bilingual online portal**
- **Digitization of important materials**
- **Standardization of metadata through the Data Quality Control (DQC) Project**
- **Integration of multiple databases into a unified portal**



# ARCE LIBRARY DEVELOPMENT PROJECT

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- **IMPLEMENTING STANDARD CATALOGING**
- **BUILDING A SUSTAINABLE DIGITAL LIBRARY**



# Koha ILS Implementation

- **Open-source Koha adopted for sustainability**
- **Customized MARC fields**
- **Integrated OPAC discovery**



Enter patron card number or partial name:

Submit

- Check out
- Check in
- Renew
- Search patrons
- Search the catalog

Home

Circulation

Patrons

Advanced search

Lists

Cataloging

Authorities

Serials

Acquisitions

Reports

Tools

Koha administration

About Koha

# Data Quality Control (DQC) Project

## Metadata Review and Correction



Other titles	Series
	Egyptology (Lc 29)
	Egyptology (Lc 30)

# Digital Portal and Digitization

Development of Bilingual Digital Portal, Digitization Projects and Preservation



What are you looking for?

ARCE Library portal | Home  
library.arce.org



Browse By

ebooks

Journals

Topic

Author

Wish a book

Donate a book

Collections



by Kenneth Garrett

Ancient Egypt



Coptic Studies



Islamic Studies



Greco-Roman



Ancient Near East



Ottoman Egypt



Arabic Collection

ARCE Publications

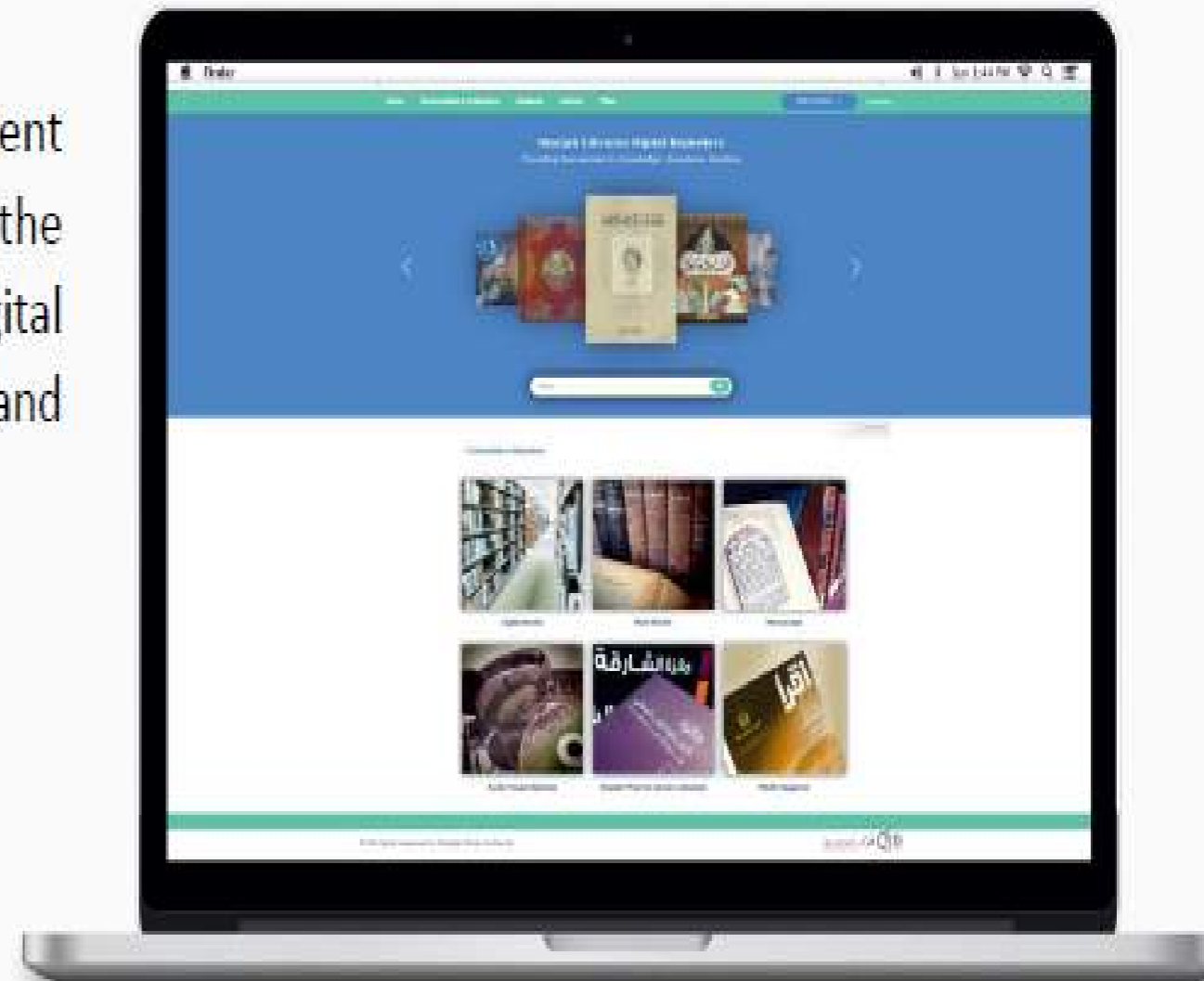
Show More

# Digital Repository

## DSpace Digital Repository

DSpace is an open source repository software package typically used for creating open access repositories for scholarly and/or published digital content.

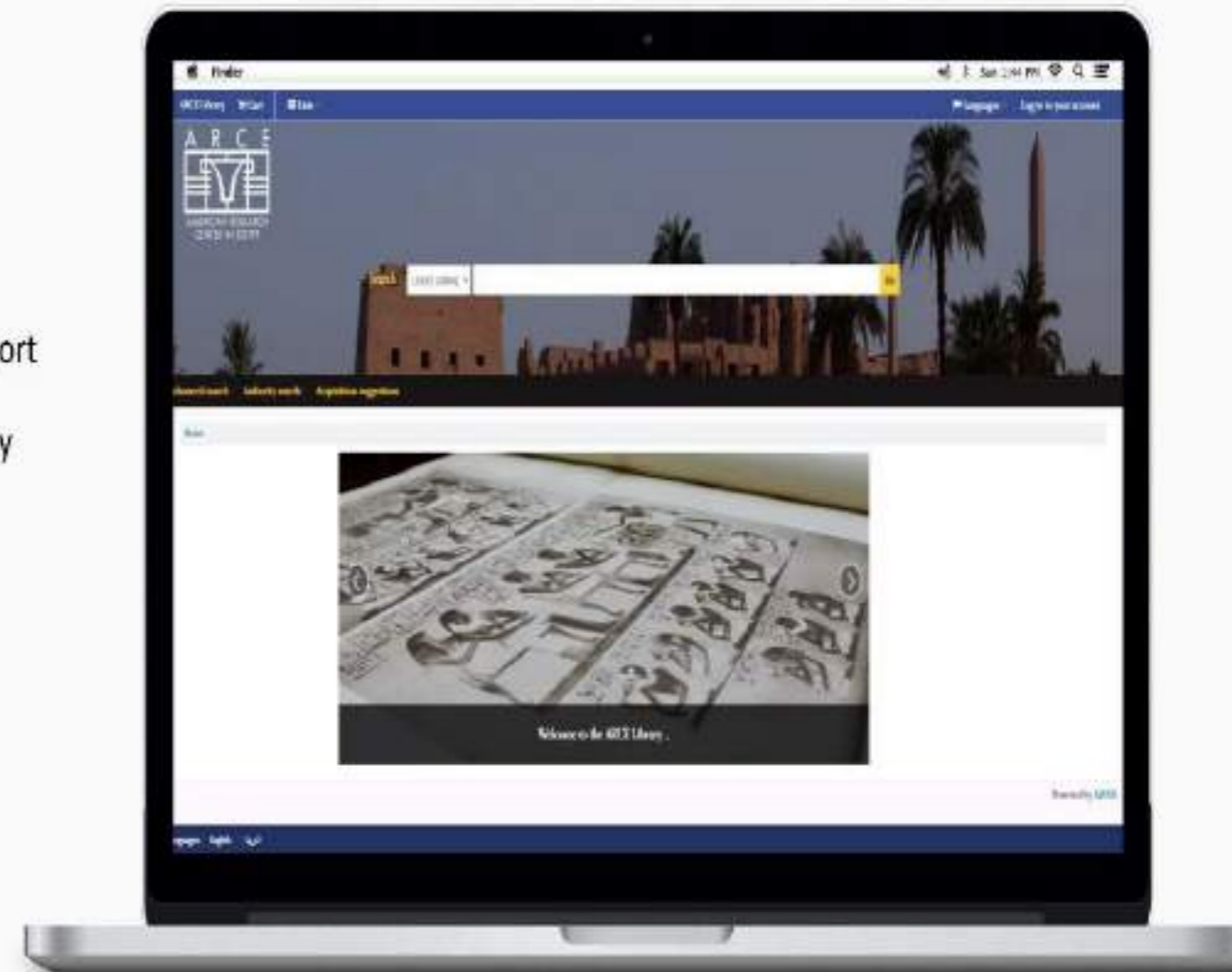
While DSpace shares some feature overlap with content management systems and document management systems, the DSpace repository software serves a specific need as a digital archives system, focused on the long-term storage, access and preservation of digital content.



# Library Management System

## KOHA (LMS)

- OPAC Online Public Access Catalog
- KOHA Concurrent Users
- Bibliographic Records "Titles"
- Cataloguing Module and Authority Control
- Circulation Module
- Serials Module
- Reports Module
- Acquisition Module
- Inventory Module
- Administration Module
- Course Reserve Module
- Unicode & A/E support
- ARABIC support
- RDA support
- Fully web based
- Cloud computing and cloud storage support
- RFID Support for circulation and inventory
- Support for z39.50, SIP2, NCIP, EDI.
- Library Staff Client



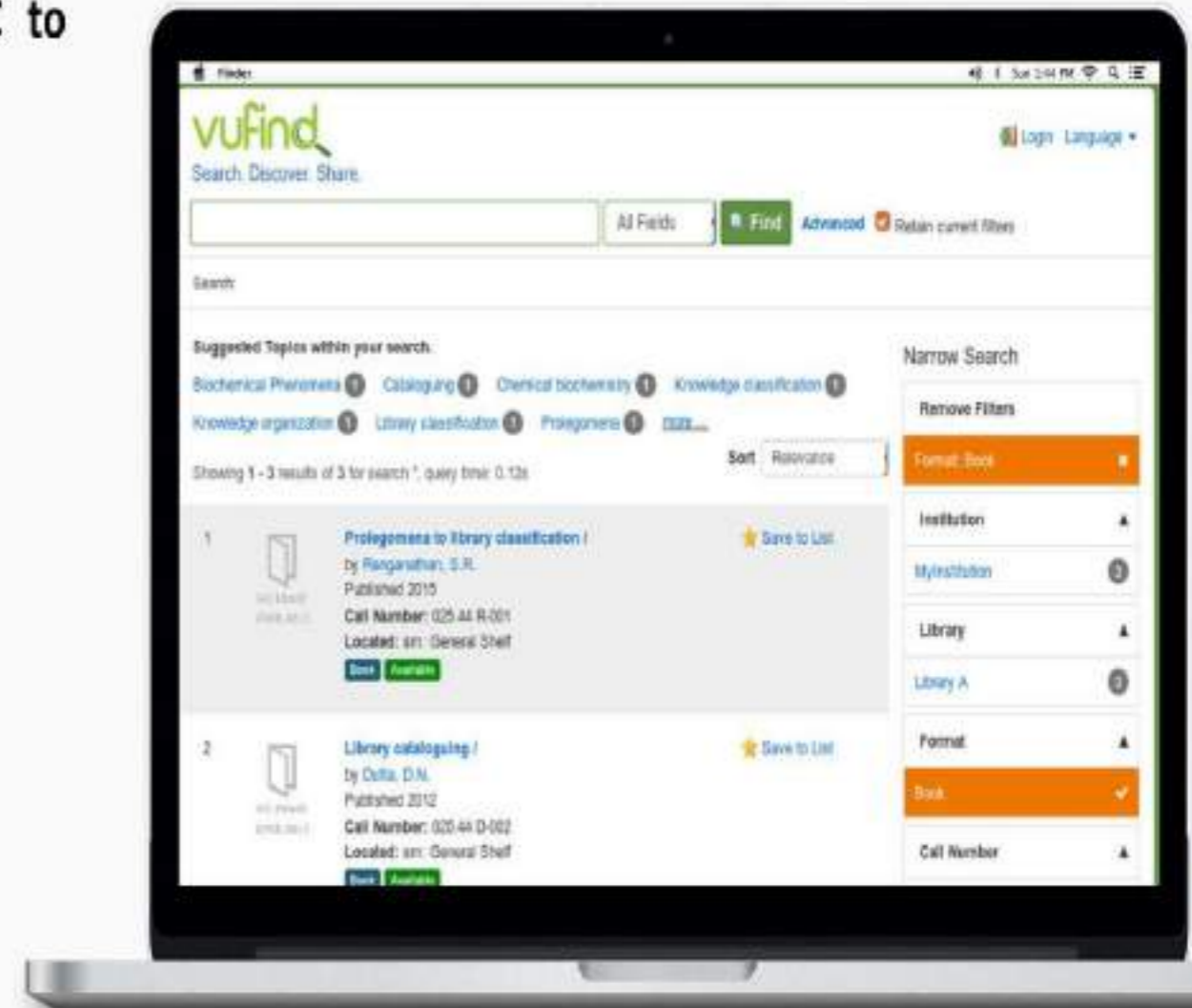
# Federated Search Engine & Discovery Tool

## VuFind

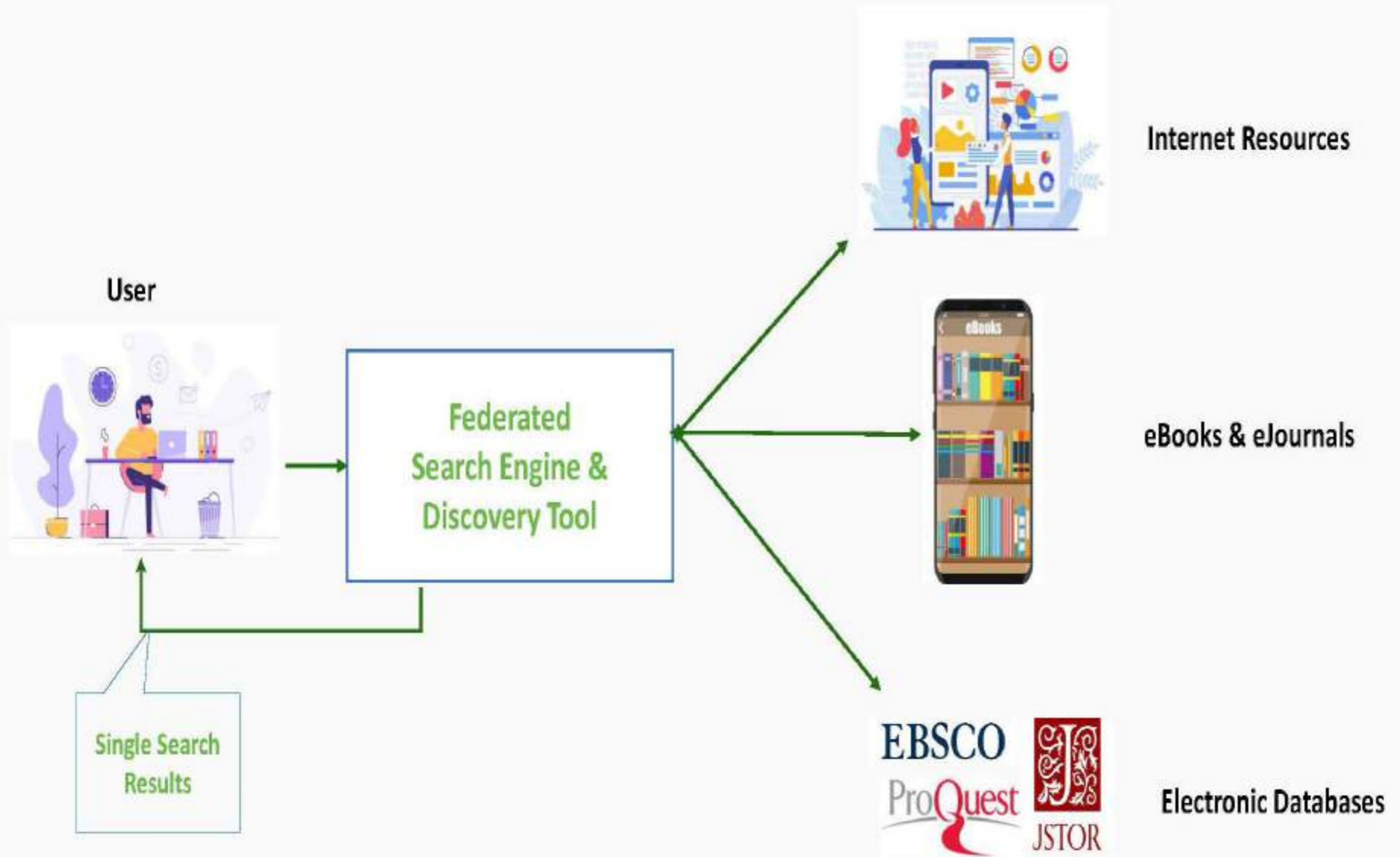
VuFind is a library resource portal designed and developed for libraries by libraries.

The goal of VuFind is to enable your users to search and browse through all of your library's resources by replacing the traditional OPAC to include:

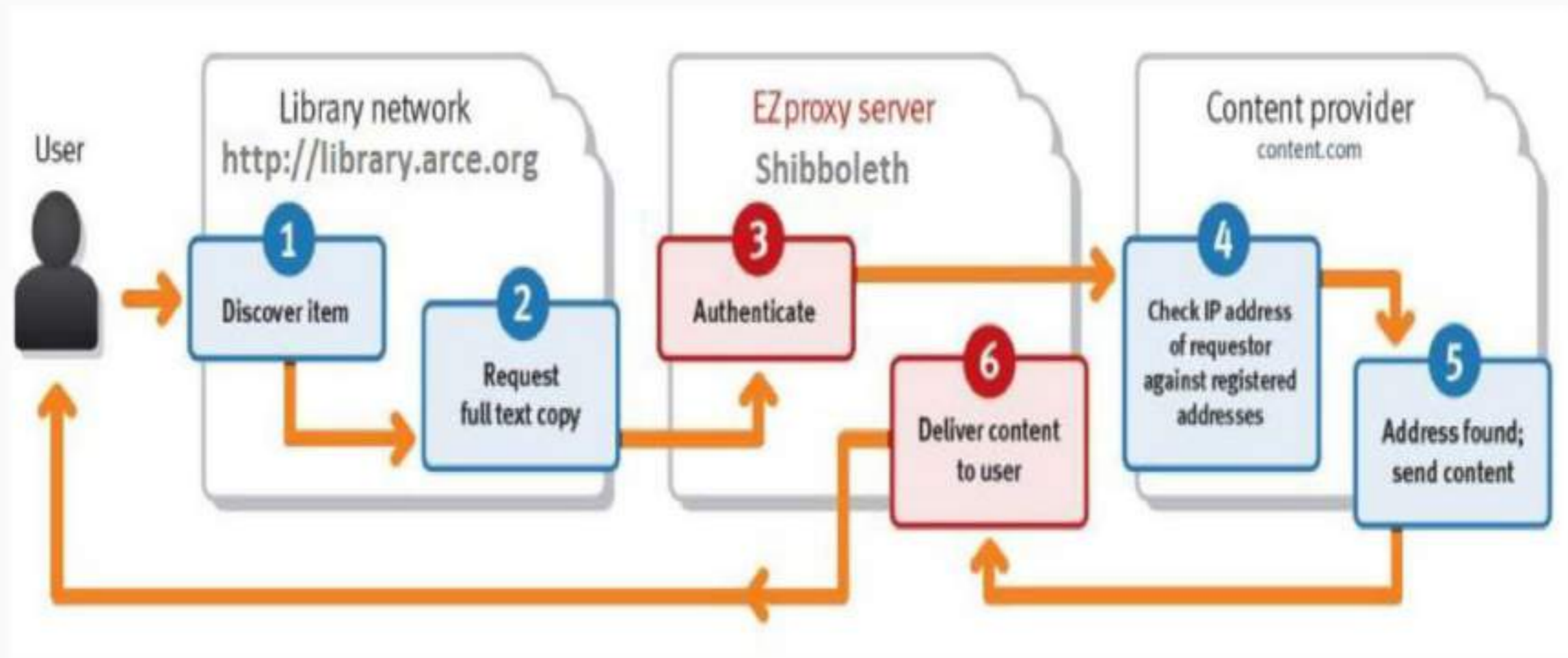
- Catalog Records
- Locally Cached Journals
- Digital Library Items
- Institutional Repository
- Institutional Bibliography
- Other Library Collections and Resources



# Federated Search Engine



# User Authentications



## Electronic Resources

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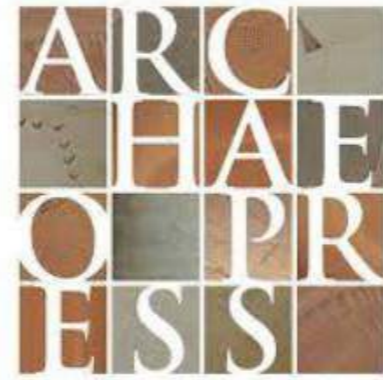
BRILL 1959

BRILL




JSTOR 1962

JSTOR



Archaeopress

 Archaeopress

EKB

EKB

 EKB

## Open Access

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Open Access Books

 Open Access Books

Open Access Journals

 Open Access Journals

AMERICAN RESEARCH CENTER IN EGYPT

INCORPORATED

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- REV. SCHROEDER  
Executive Director

FINE ART MUSEUM  
CAMBRIDGE 38, MASSACHUSETTS

June 27, 1951

Newsletter Number Two

Dear Member:

We have received an account of the lecture given at the Center in Cairo by Director William Stevenson Smith; he spoke to an audience of over one hundred upon "The Household of the Mother of Cheops, a Great Lady of the Pyramid Age."

Dr. Smith has been appointed Delegate of the Center to the Twenty-second International Congress of Orientalists, which is to be held at Istanbul in the early fall.

The Center's new address in Cairo is:

American Research Center in Egypt  
Taghar Building  
Sharia el Shams  
Garden City, Cairo

A summary of our financial operation from the date of organization to March 1, 1951 follows:

Received as dues and donations		\$2,751.00
Expenditures		
Legal Services and Expenses	309.10	
Stationery and Office Supplies	73.44	
Clerical Services	99.32	
Travel	609.28	
Expenses of Meeting	96.00	
Miscellaneous	9.12	<u>1,196.26</u>
Balance in Bank, March 1, 1951		<u>\$1,554.74</u>



# Digitization Projects and Preservation

## Preserving Archival Materials



# Challenges during the development of the digital infrastructure

- **Data conversion issue**
- **Organizational Barriers**
- **Adapting to User Needs**
- **Resource Constraints**



# 1. Data Conversion Issues



## **2. Organizational Barriers**



# 3. Adapting to User Needs



# 4. Resources Constraints

# Challenges During the Transformation

**Technical Glitches and System Integration**

# Future Directions



# Conclusion

THANK YOU

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