



# eLibrary Content Management

By

Stephen A. Akintunde, PhD  
Deputy University Librarian (Admin. & Systems)  
University of Jos  
Jos, Plateau State  
Email: [sakintun@gmail.com](mailto:sakintun@gmail.com)  
[akins@unijos.edu.ng](mailto:akins@unijos.edu.ng)  
Tel.: 0803 703 1004

Presented at the National Workshop for Librarians and Information Managers, organized by the Librarians' Registration Council of Nigeria (LRCN) in collaboration with The United States Mission, Nigeria; 17th - 19th April, 2012; held at Kogi State Polytechnic, Lokoja



# eLibrary as a fad

“ Is it real? Can it last?

- . There is an irreversible movement, call it a migration from analog to digital

“ What is e?

- . It is electronic, electrical, e e e . . .

“ It is all that!

“ Away with the mortar?

- . Can we really do without the physical library structure?



# Away with mortar?



- <http://in2eastfrica.net/wp-content/uploads/2011/06/building1.jpg> Accessed April 15, 2012

Presented at the National Workshop for Librarians and Information Managers, organized by the Librarians' Registration Council of Nigeria (LRCN) in collaboration with The United States Mission, Nigeria; 17th - 19th April, 2012; held at Kogi State Polytechnic, Lokoja



# eLibrary is paradigmatic

- “ It is not a ‘standalone’
  - . Not just creating a laboratory furnished with computers
  - . Nor merely having eBooks and ejournals
  - . It is not a substitute for the physical library
- ” It is the essence of the paradigm shift in librarianship



# Why manage eLibrary content?

- “ Variety of content
  - . Books, journals, newspapers
- “ Variety of format
  - . Text, audio, video, multimedia, web pages
- “ Enable access
  - . variety of access rights required
    - “ Profiling for privileges (rights):
      - . Users
      - . Staff in their different categories
        - » Administrators, content editors, just staff



# Variety of access rights



“ [http://t3.gstatic.com/images?q=tbn:ANd9GcRLsii2x6EA\\_h4R8V9IocIXWeG66xqSG0ejofwM4kMAc8-C4x1Ekw](http://t3.gstatic.com/images?q=tbn:ANd9GcRLsii2x6EA_h4R8V9IocIXWeG66xqSG0ejofwM4kMAc8-C4x1Ekw) Accessed April 15, 2012

Presented at the National Workshop for Librarians and Information Managers, organized by the Librarians' Registration Council of Nigeria (LRCN) in collaboration with The United States Mission, Nigeria; 17th - 19th April, 2012; held at Kogi State Polytechnic, Lokoja



# What is the problematic?

- “ Appropriate interface between user and content
  - . “a live dog is better than a dead lion”. Ecclesiastes 9:4



“ <http://t2.gstatic.com/images?q=tbn:ANd9GcTjQyWn5Ljz88ISBMDEUGX9b32SHhwTclL7jn15EUxn7HbU0nhw> Accessed April 15, 2012

Presented at the National Workshop for Librarians and Information Managers, organized by the Librarians' Registration Council of Nigeria (LRCN) in collaboration with The United States Mission, Nigeria; 17th - 19th April, 2012; held at Kogi State Polytechnic, Lokoja





- <http://t3.gstatic.com/images?q=tbn:ANd9GcT1tW-rFp7QVzc1d2f1a8U48uigDGDHkjq-hOsOJwixGG93gcKC> Accessed April 15, 2012

Presented at the National Workshop for Librarians and Information Managers, organized by the Librarians' Registration Council of Nigeria (LRCN) in collaboration with The United States Mission, Nigeria; 17th - 19th April, 2012; held at Kogi State Polytechnic, Lokoja



# Solution?

- “ Design web interface with appropriate vocabulary control to facilitate access to information directly by providing for
- . syntactic relationships (anticipated significant/citation order of search terms), and
  - . semantic relationships (relationship of terms to each other, calling for both direct and indirect relevant sources, in different media)
- ” As is seen in Google web searches



# Access and Infrastructural issues

- “ Networking: must be up and running for easy access to resources
  - . Intranet vs Internet resources
    - “ Some resources necessarily have to be on the Intranet
      - . Not accessible outside the institutional network coverage or permissions
    - “ Internet resources accessible from anywhere but may also require permissions in accessing some resources
- “ Electric power available 24/7
- “ Library to have a good working relationship with ICT staff

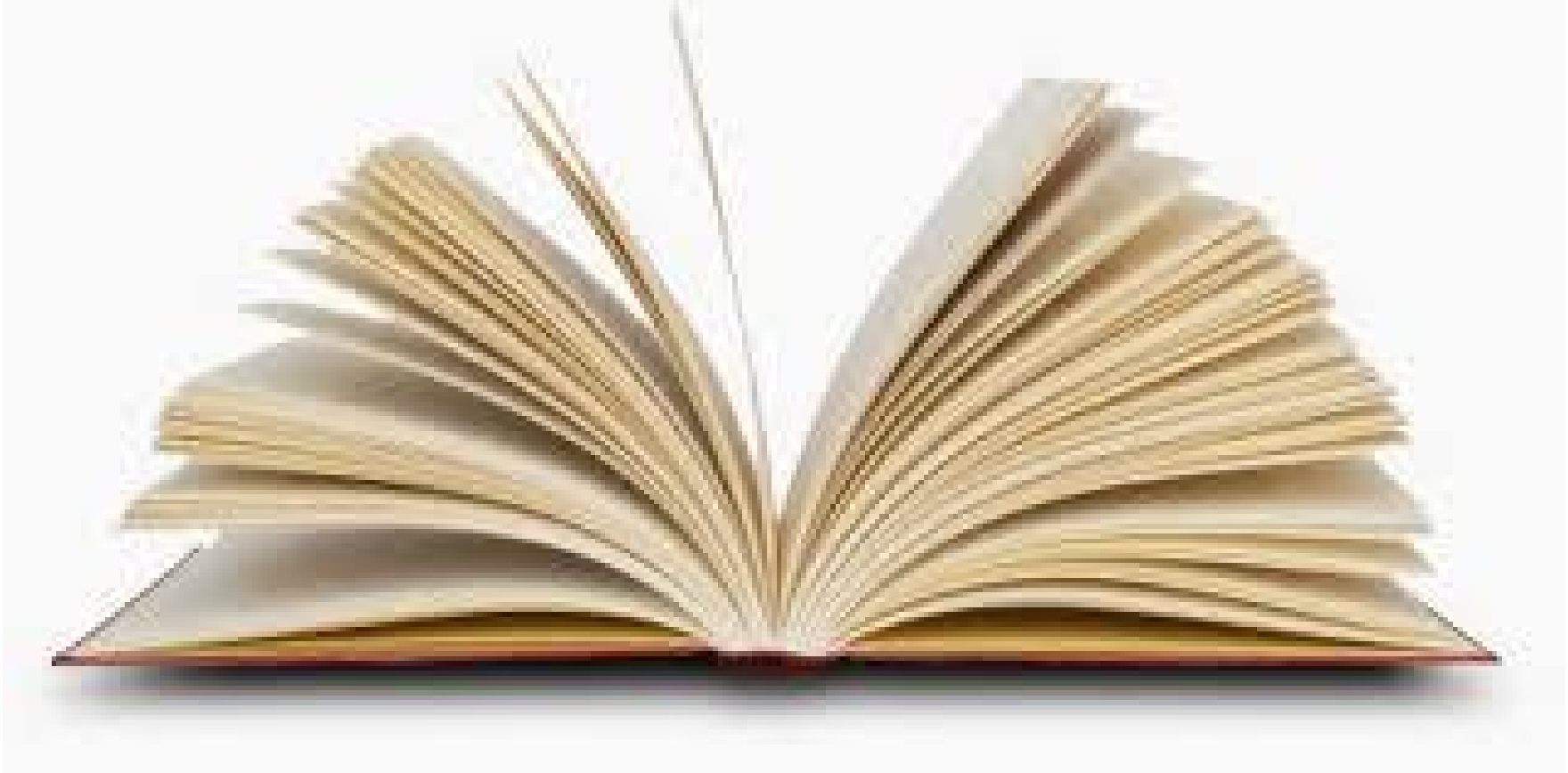
# Organizing resources

“ Free vs subscription based resources

Presented at the National Workshop for Librarians and Information Managers, organized by the Librarians' Registration Council of Nigeria (LRCN) in collaboration with The United States Mission , Nigeria; 17th - 19th April, 2012; held at Kogi State Polytechnic, Lokoja



# Free and open!



[http://t1.gstatic.com/images?q=tbn:ANd9GcSVvPEB-PyOKA4n57GeK2ztmPfrA0c6waCB5bQ79\\_1lh8WQRKsba](http://t1.gstatic.com/images?q=tbn:ANd9GcSVvPEB-PyOKA4n57GeK2ztmPfrA0c6waCB5bQ79_1lh8WQRKsba)

Accessed April 15, 2013

Presented at the National Workshop for Librarians and Information Managers, organized by the Librarians' Registration Council of Nigeria (LRCN) in collaboration with The United States Mission, Nigeria; 17th - 19th April, 2012; held at Kogi State Polytechnic, Lokoja



# Subscription and proprietary



www.shutterstock.com · 49448467

“ <http://t1.gstatic.com/images?q=tbn:ANd9GcTtmusMq8eTGQ1SxP0eaLtCiqtrXSaYNKHGqjLTZCyYWgsSj3t> Accessed April 15, 2012

Presented at the National Workshop for Librarians and Information Managers, organized by the Librarians' Registration Council of Nigeria (LRCN) in collaboration with The United States Mission, Nigeria; 17th - 19th April, 2012; held at Kogi State Polytechnic, Lokoja



# Organizing resources

- “ Free vs subscription based access
  - . Free resources, e.g. eGranary digital library, Open Education Resources (<http://www.oercommons.org/oer>), Open Courseware Consortium (<http://www.ocwconsortium.org/>).



## Organizing resources (*contd.*)

- “ Subscription based resources such as BiOne (<http://www.bioone.org/>), Journal Storage ([www.jstor.org](http://www.jstor.org)), ebscohost (<http://search.ebscohost.com/>), Oxford Journals (<http://www.oxfordjournals.org/>)
  - . The librarian only provides access through active links
- “ Resources in these sites are already organized by the providers
- “ They are usually based on institutional Internet Protocol addresses, so can only be accessed by members of the organization



Firefox | University of Jos ... | ZaidLearn | VTLS Chameleon... | JSTOR: Temporar... | Free Online Cour... | eGranary Catalog | Connecting... | + | - | x

http://egranary:9980/ | iMesh Web Search

Most Visited | Getting Started | Latest Headlines | Customize Links | Free Hotmail | Windows Marketplace | Windows Media | Windows | Gmail - [EFLcoordlist] ... | THE RELEVANCE OF DI... | Bookmarks



[Home](#) | [About](#) | [Help](#) | [Your Account](#) | [Login](#)

## eGranary Digital Library Catalog

Over 33,000 documents organized by our librarians

### Easy Find Buttons



### Catalog Search

[Advanced](#) | [Search History](#) | [Search Help](#)

### Browse By Category

[More...](#)

- |  |  |
|--|--|
| <a href="#">Agriculture</a>                    | <a href="#">Languages</a>                    |
| <a href="#">Anthropology</a>                   | <a href="#">Library Science</a>              |
| <a href="#">Arts</a>                           | <a href="#">Literature</a>                   |
| <a href="#">Business</a>                       | <a href="#">Mathematics</a>                  |
| <a href="#">Computer Science</a>               | <a href="#">Medical Sciences</a>             |
| <a href="#">Education</a>                      | <a href="#">Music</a>                        |
| <a href="#">Engineering</a>                    | <a href="#">Natural Sciences</a>             |
| <a href="#">Geography</a>                      | <a href="#">Physics</a>                      |
| <a href="#">Global Studies</a>                 | <a href="#">Public Health</a>                |
| <a href="#">Info and Comm Technology (ICT)</a> | <a href="#">Water Science and Technology</a> |

### Full Text Search

Our entire collection of documents

[Advanced](#) | [Search Help](#)

### Featured Resource



"Access to Knowledge Makes a World of Difference" • The eGranary Digital Library

The WiderNet Project • School of Library and Information Science • The University of Iowa

This compilation is copyright 2001 - 2009.

Copyrights for materials herein are retained by their original authors.

Windows Taskbar: Start button, Internet Explorer, Firefox, VLC media player, Windows Explorer, System tray: Network, Volume, Safely Remove Hardware, Date/Time: 1:58 PM 8/23/2011

Presented at the National Workshop for Librarians and Information Managers, organized by the Librarians' Registration Council of Nigeria (LRCN) in collaboration with The United States Mission, Nigeria; 17th - 19th April, 2012; held at Kogi State Polytechnic, Lokoja

...: National Open University of Nigeria - BRAVeCONTENT ... - Mozilla Firefox  
File Edit View History Bookmarks Tools Help  
A dark day for the f... x ...: National Open ... x World Bank eLibrar... x IMF eLibrary x eLibrary x eLibrary | The docu... x eLibrary | Free soft... x e-Books Directory ... x  
openuni.bravecontent.com  
Most Visited Getting Started Latest Headlines Customize Links Free Hotmail Windows Marketplace Windows Media Windows Gmail - [EFLcoordlist] ... THE RELEVANCE OF DL...

# NATIONAL OPEN UNIVERSITY OF NIGERIA

Sunday April 15, 2012

Welcome to  
BRAVeCONTENT



POWERED BY



Below are a few easy steps to help you get started. To contact Customer Support, email [support@bravecontent.com](mailto:support@bravecontent.com).

## Getting Started

**Request an account:** If you are a valid student / staff of the above mentioned institution, then you already have an account. If this is your first time, please sign in with your Matric / Staff Number as your user name and leave the password blank. Follow the instructions on the next page to activate your account. For more information, please contact your institution's library or [support@bravecontent.com](mailto:support@bravecontent.com). Thank you

**A Personal Bookshelf** is automatically created for you to save an archive of your highlights and notes as you conduct research. Once you sign in and start annotating any document, your annotations will be saved automatically.

**Search** by choosing simple or advanced (by keyword, full-text, publisher, or author). Use Boolean or proximity operators.

**Instantly open documents in QuickView** by clicking on a book jacket or title. No downloads or installations are required.

**Navigate** using the table of contents, which shows search results at the chapter level. You may also navigate to every occurrence of your search term in a document, flip through pages, or go to specific page numbers.



Username:   
Password:

- [Forgot Password?](#)
- [Change Your Password](#)

Taskbar with icons for Internet Explorer, Firefox, PowerPoint, Word, and a lightbulb icon. System tray shows volume and date/time: 7:49 PM 4/15/2012

Presented at the National Workshop for Librarians and Information Managers, organized by the Librarians' Registration Council of Nigeria (LRCN) in collaboration with The United States Mission, Nigeria; 17th - 19th April, 2012; held at Kogi State Polytechnic, Lokoja



# Usage indicators

- “ Statistics can guide in management of content
- “ Several creative means of indicating usage statistics, e.g.
  - . Google analytics – user statistics
    - “ Location, time spent, page visits – view and load time, bounce rate, new visits, customizable for language, etc.
    - “ Also has social network and mobile facilities
  - . Wibiya: advantage – social network
    - “ Gives user statistics and source
      - . Location and particular item consulted
  - . Clustrmaps – statistics of users
    - “ <http://www.clustrmaps.com/>
    - “ Where they're coming from – technology, demography, etc.



# Useful links

- “ Links?
  - . Why not?
- “ Provide in-links
  - . Link up pages with relevant contents
  - . Link up relevant resources in relevant pages
- “ It makes it easy for any user to keep going back to the eLibrary from any of the organization’s pages, e.g. see the following illustration from Unijos Library

University of Jos Institutional Repository: Home - Mozilla Firefox

File Edit View History Bookmarks Tools Help

A dark day for t... Enabling access ... World Bank eLib... IMF eLibrary eLibrary eLibrary | The d... eLibrary | Free s... e-Books Directo... University of Jos... University of ... x +

dspace.unijos.edu.ng

Most Visited Getting Started Latest Headlines Customize Links Free Hotmail Windows Marketplace Windows Media Windows Gmail - [EFLcoordlist] ... THE RELEVANCE OF DI...

# University of Jos Nigeria Institutional Repository

Search DSpace  
Go

Advanced Search  
Home

Browse  
Communities & Collections  
Issue Date  
Author  
Title  
Subject

Click To:  
Receive email updates  
My Submissions authorized users  
Edit Profile  
Help  
About DSpace

University of Jos Institutional Repository

## Welcome to University of Jos Institutional Repository

University of Jos Institutional Repository is an online store for collecting, preserving, and disseminating in digital form the intellectual output of the University of Jos !

The main objectives of Dspace are:

- \* To create global visibility for the University's scholarly research;
- \* To collect content in a single location;
- \* To provide open access to the University research output by self-archiving it;
- \* To store and preserve other University digital assets, including unpublished literature (e.g. theses or technical reports).

Feel free to Search and Upload resources.

### Vision of the University of Jos

To nurture a University of high international standard so that the quality of the institution is rated the best in Nigeria.

Search

Enter some text in the box below to search DSpace.

Quick Links

- DATAD
- e-Granary
- Library Reader's Guide
- OPAC
- Other Institutional Repositories
- UNIJOS REMEDIAL SCIENCES ADMISSION

Google Scholar BETA  
Search

Google Book Search BETA  
Search

Online Translate Recent posts Share Tweet 2 Like 18

Join Chat POWERED BY wibiya

11:23 AM 4/16/2012

Presented at the National Workshop for Librarians and Information Managers, organized by the Librarians' Registration Council of Nigeria (LRCN) in collaboration with The United States Mission , Nigeria; 17th - 19th April, 2012; held at Kogi State Polytechnic, Lokoja

VTLS Chameleon iPortal - Mozilla Firefox

File Edit View History Bookmarks Tools Help

cactus.unijos.edu.ng:8000/cgi-bin/gw/chameleon

# Unijos Library Catalog

For The Future of Smart Libraries

Home Keyword Heading Keyword Reserve Search Other Databases Expert Cart Help

**Quick Search**

Search Terms:

Anywhere  
Books  
Newspapers  
Periodicals

Search

**Set Session Filters**

**Active Filter Settings**

No Active Filters

**Links**

\* Go Mobile  
\* Calendar of Events

There are 0 titles in your

**Browse**

Search Terms:

Author

Search

Database:

Class 01

Patron Self-Registration

**Library Collections**

Library Website  
DATAD  
Institutional Repository

**Serial Collections**

Newspapers  
Periodicals

**Other Library Resources**

- Jstor
- HINARI
- OARE
- AGORA
- Oxford Journals
- Nigerian Virtual Library

**Links to Library resources from OPAC**

11:25 AM  
4/16/2012

Presented at the National Workshop for Librarians and Information Managers, organized by the Librarians' Registration Council of Nigeria (LRCN) in collaboration with The United States Mission, Nigeria; 17th - 19th April, 2012; held at Kogi State Polytechnic, Lokoja



# Who manages the eLibrary?

## ” Technician or librarian?

- . Collaborative
- . Librarian sources for and harvests resources
- . Technician
  - ” configures system
  - ” Upload resources
  - ” organizes resources
  - ” Ensures that links are active



## Who manages the eLibrary? *(contd.)*

- “ However, it can be managed by either, but:
- . Technician must be willing to learn the basics of librarianship, such as classification and indexing
  - . Librarian must be ready to acquire the necessary and basic technical knowledge and skills set





# What is the work schedule?

- “ Source for e-resources
- “ Liaise with librarians to aggregate and verify e-resources
- “ Organize e-resources according to
  - . Type of resource: e.g. free or subscription based
  - . Anticipated user access needs, e.g.
    - “ In a tertiary institution, according to academic disciplines offered
- “ Ensure that subscription-based resources are renewed as at when due
- “ Carry out user surveys from time to time
  - . To assess user satisfaction variously (content, web page design, navigability, ‘findability’ of information, etc.)



## What is the work schedule? *(contd.)*

- “ Ensure that databases or systems that require upgrade are upgraded
- “ Train librarians on use of available e-resources
- “ Sensitize organization members on availability of e-resources
- “ Train organization members (e.g. staff and students) on use of e-resources
- “ Check other web sites for best practices, and adapt, where necessary



# Managing the eLibrary

## ” Content editing

- . What is your institutional platform for web contents? e.g. University of Jos uses Drupal
- . Understand and secure permissions to upload, edit and publish content

## ” Web page design and update

- . When you have to create a sub link - new story, child node
- . Ensure currency of information: e.g. NOUN eLibrary Home Page:

” “The Library's collection is expected to grow to 20,000 volumes of books and 100,000 volumes of electronic resources by **December 2007.**”

- . <http://www.nou.edu.ng/noun/depts/elibrary/library1.htm>  
April 15, 2012

Accessed

Presented at the National Workshop for Librarians and Information Managers, organized by the Librarians' Registration Council of Nigeria (LRCN) in collaboration with The United States Mission, Nigeria; 17th - 19th April, 2012; held at Kogi State Polytechnic, Lokoja



# Managing the eLibrary (*contd.*)

- “ Make the pages easily navigable
- “ Provide feedback forms
- “ Ensure access to eLibrary 24/7
- “ Provide news and updates to your patrons
- “ Focus more on how patrons may find information, rather than accessing information
  - . Remember the ‘live dog’?



# Thank you!



Presented at the National Workshop for Librarians and Information Managers, organized by the Librarians' Registration Council of Nigeria (LRCN) in collaboration with The United States Mission , Nigeria; 17th - 19th April, 2012; held at Kogi State Polytechnic, Lokoja