

(Why Aren't We) Solving Common Library Problems with Common Systems?

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ERM = Problem Solving

- Book is listed in our catalogue but we've **lost access** on book platform
- Journal **thresholds** are differently listed between our catalogue, the link resolver, and the publisher platform - which is correct?
- When did we **cancel** Teaching Professor and why?
- We need to weed the print copies of periodicals in Chemical Engineering to make space, which ones do we have **perpetual rights** to online?
- Can you **post** a PDF of this **SUPO** book we have from Ebook Central on ARES?

Clues - ERM Records

Records might be:

- License Agreements
- Invoices
- Titles Lists
- Kbart files
- Emails
- Meeting Agendas

For our own use but also **evidence** in our interactions with outside parties (vendors, publishers, suppliers) and **legal** obligation (legal discovery).

Need Records Management

Step 1: Developed a Records Retention Schedule

[Records Retention Schedule: Define what to keep, for how long, and when and how to dispose of it/archive it.]

Step 2: Implement the Schedule

Management Records with System

- University Records Management processes handles paper records
- No University wide electronic Records Management system
- Need electronic solution - don't want to wait
- Priority: need to preserve records that document evidence of legal rights to perpetual access resources (Archives where we have right to retain access on vendor platform, dark archives or manage a copy in case of cancellation or ceased publication, operation of business etc.)
- We have very limited resources - need low effort solutions

Functional Requirements

Must integrate with current ERM workflow; easy to use; restrict users into system

Metadata: Publisher, Resource, File type, File Name, Duration, File Status, Date acquired, etc.

Search: By metadata; Full text searchable (PDF, excel, word, etc);

Accession/Preservation/Destruction based on file type, status and schedule with focus on **Preservation and scheduled destruction.**

AtoM - A Library System

- Existing experience in Archives & Special Collections
- Low-cost, easy to deploy
- Compatible data model (File, Record, Actor)
- Customizable (UI, taxonomies)
- Full-text indexing, faceted search
- **Verdict:** workable but development required

Browse

Search



Advanced search

Narrow your results by:

PART OF	
All	
Title Lists	89
License Agreements	66
Invoices and Receipts	7
NAME	
All	
Canadian Research Knowledge N...	25
ProQuest	14
SAGE Publishing	11
Elsevier	10
Ontario Council of University Libr...	9
Lei jin	5
Wiley Subscription Services, Inc.	3
Ovid Technologies, Inc.	3
American Institute of Aeronautics...	3
Dun and Bradstreet	2
RESOURCE	
All	
ALPSP Learned Journals Collectio...	9
ScienceDirect	9
ebrary	6
Safari Tech Books Online	5
Ullmann's Encyclopedia of Indust...	3
Subject Backfile Collection	3
Meeting Papers Online	3
Hoovers	2
Cambridge Journals Online	2
SAGE Research Methods	2
MEDIA TYPE	

 Showing 165 results
Document

Advanced search options

Print preview Export CSV View:  

Sort by: Most recent

160 results with digital objects Show results with digital objects



IHS - ASTM Standards Collection - OCUL
2017-10-12/23 • Signing date: 2006-08-28 • Draft •
Part of License Agreements



csv 01
2017-12-11/189 • Draft •
Part of Title Lists



csv 01
2017-12-11/187 • Draft •
Part of Title Lists



Wiley - Wiley Online Library
2017-10-24/112 • License coverage: 2016-2017 • Draft •
Part of License Agreements



csv 01
2017-12-04/186 • Draft •
Part of Title Lists



ProQuest - Safari Tech Books Online
2017-10-19/58 • 2014-01-27 • Draft •
Part of Title Lists



ProQuest - Safari Tech Books Online
2017-10-18/51 • 2012-07-18 • Draft •
Part of Title Lists



ProQuest - ebrary - Full Metadata - Holdings Export
2017-10-20/69 • 2017-03 • Draft •
Part of Title Lists



Strategic Systems Requirements Review

Strategic Analysis to define requirements of Library's Collections Systems.

In Scope: ILS, ERM systems, IR, Discovery, Reserves, ILL etc.

Not in Scope: Research Guides, Reference, Instruction etc.

Methodology used: Task Descriptions (Lauesen, 2003)

This approach allows us to define our problems and then search for technology solutions.

Subset of Strategic Recommendations

1. Software as a service (SaaS) model
2. Choose the best of breed product for our needs and swap out for better technology solutions as often as possible.
4. use open source technologies for our needs *when appropriate*.
5. Where there is no significant advantage to a library service provider solution, use products outside of the library technology

Strategic Goals


- Modularity to maximize flexibility
- Consistency across applications
- Control feature/requirements scope
- Abstract implementation from service
- Reduce maintenance & security risks
- Commodity solutions when possible




Common Problems



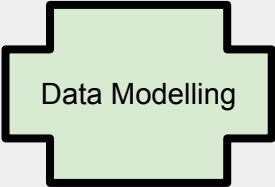
Single Sign-On



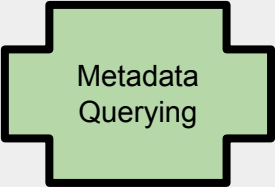
Consolidated
Identity



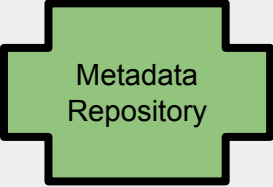
Personalized
Context



Data Modelling



Metadata
Querying



Metadata
Repository



Hot File Storage



Durable Fixed
Storage



Digital Preservation

Single Sign-On

Consolidated
Identity

Personalized
Context

Data Modelling

Metadata
Querying

Metadata
Repository

Hot File Storage

Durable Fixed
Storage

Digital Preservation

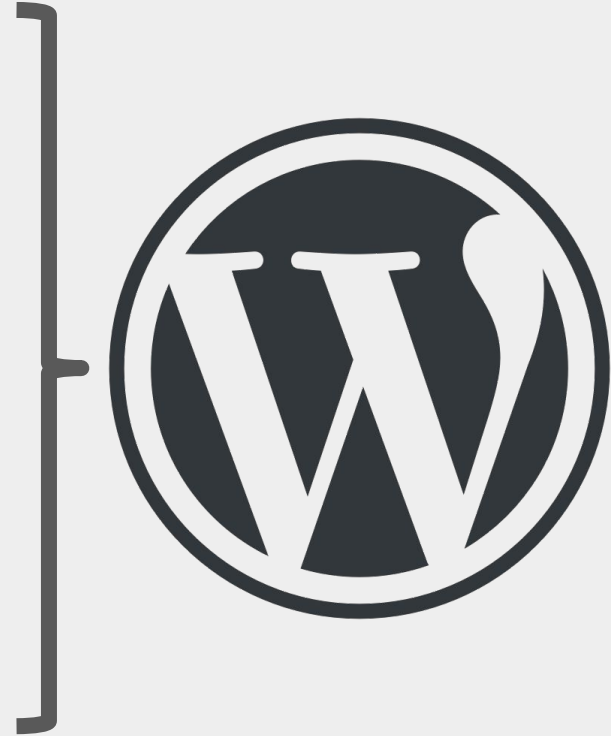
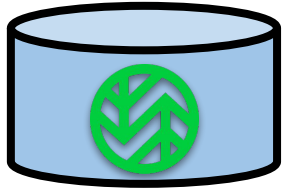


Wordpress - A Common System

A large, light blue, semi-transparent watermark of the WordPress logo is centered in the background of the slide. The logo consists of a stylized 'W' inside a circle.

- Open source, well-established CMS
- Existing general familiarity among all staff
- Flexibility for future development and customization
- Knowledge becomes a common part of the Library
- Facilitates working with research partners
- Mature SaaS options and plug-ins available

WORDPRESS



SEARCH...

Sort by

Relevance

Filters

☐ All Results

Type

☐ Actor (9)

☐ Document (5)

Actor type

☐ Corporation (3)

☐ Person (3)

☐ Consortium (1)

☐ Nonprofit (1)

☐ University (1)

Document type

☐ License Agreement (5)

Document status

☐ Inactive (3)

☐ Active (2)

Resource

☐ Cambridge Journals Online
(2)

☐ Knovel (1)

Search for - 14 results found

Cambridge University Press Journals License



Canadian Research Knowledge Network



Jim MacLeod

BBM Canada



All Good

Freedom to do this

- Scope
- Low risk application (internal)
- Planning required to execute
- Internal culture
- Okay to fail
- Can develop and operate outside of University IT oversight

Potential Applications

- Institutional repository
- Archival collections system
- Catalogue / OPAC
- Departmental intranet
- Faculty research projects
- ...



Contact Us

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Discussion

Questions?