

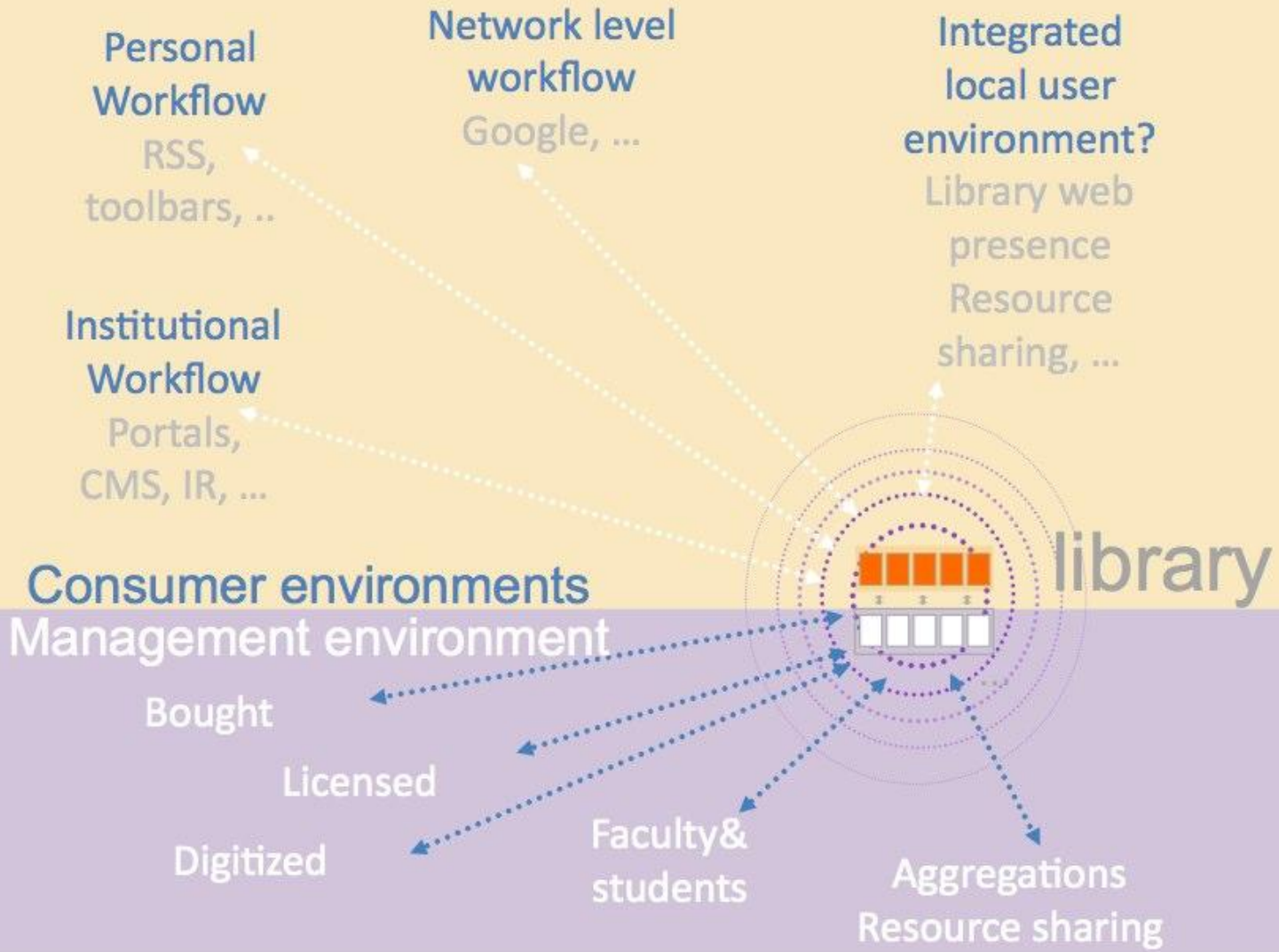
Taking LibData to New Heights

Shane Nackerud
Johan Oberg

Library Technology Conference
March 19, 2009



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<http://www.oclc.org/research/presentations/dempsey/cic.ppt>
<http://www.oclc.org/research/presentations/default.htm>



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The Reality

- **Then**

- Resources scarce, attention abundant
- Users built workflow around the library

- **Now**

- Attention scarce, resources abundant
- The library must build its services around user workflow

» Lorcan Dempsey – “Getting into the Flow”
(CIC Conference, 2007)





my
ACADEMICS &
CAREER

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COLLEGE

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COURSES

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DAILY LIVING

my
HEALTH &
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my
INVOLVEMENT
& LEADERSHIP

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**messages for
FYE**



E-mail!

No new mail for fye@umn.edu
Last updated at Thu Apr 3
09:21:04 2008

my favorites

my favorites

Welcome New Students!

Congratulations!



Have you received your Class of 2012 First-Year Guide yet? It has answers to many of your questions! If not, click on the image to the left to see the PDF.

Now that you are beginning your journey as a U of M college student, check your U of M email regularly, and keep signing in to MyU!

Free Laundry Bag!

If you're on campus, stop by Orientation & First-Year Programs, located in [315 Coffman Memorial Union](#) to pick up a free laundry bag!



Discussion Board

Discussion Board



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hanson179@umn.edu
last updated at Tue Mar 4
07:04:14 2008

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Quick Links for Staff

Staff OneStop
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myU Update

What's new on myU?
If you're an instructor, try out the new Faculty Technology Selector, which allows you to leave a message for your entire class, add links to course sites that are not in WebVista and add a link to your course Wiki.
You'll find "add a" links on your myCourses and Teaching lab. If you have questions, contact tel@umn.edu.

Search site Go

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Keyword

Saved Resources

Databases(5) | E-Journals(4) | Help

Title (A-Z)

- Academic Search Premier
- Libraries OneSearch
- Library Information Science & Technology Abstracts
- Library Literature and Information Science Full Text
- Oxford English Dictionary

[Prev](#) | [Next](#)

[Add More Databases](#)

Delete

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-
-
-

Search Key Resources

Library Science resources:

- Selected by [Ibrahim Begoy Johnson](#) (m-john@umn.edu)
- [Academic Search Premier](#)
 - [American Library Association](#)
 - [Encyclopedia of Information Science and Technology](#)
 - [Encyclopedia of Library and Information Science](#)
 - [Library Information Science & Technology Abstracts](#)
 - [Library Literature and Information Science Full Text](#)
 - [Social Sciences Citation Index \(Included in Web of Science\)](#)
 - [More...](#)

Choose a different subject area

All E-Resources

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Have a Citation?

Try the "Full Text Finder"

Journal Title:

Article Title:

vol. iss. page year

[How do I use this?](#)



Checked Out Items

Checked Out (1) | On Hold (0)

Title Due date
Red Mars / Kim Stanley Robinson... 05/15/2008

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Library News

- [New E-resources at the U of M Libraries](#)
- [More E-resources Now Available](#)
- [New E-resources at the University](#)
- [Winning \\$700: University Libraries Student Book Collection Contest](#)
- [Libraries Events](#)

Subject Libraries

Libraries covering Library Science

- [Wilson Library Hours • Map](#)

[Which Library Should I Start With?](#) | [All Libraries](#)



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my HUMAN RESOURCES

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Search Key Resources

Psychology resources:

Selected by librarian:

Laurel Haycock (hayco001@tc.umn.edu)

- [\(i\) Digital Dissertations](#)
- [\(i\) Linguistics & Language Behavior Abstracts \(LLBA\)](#)
- [\(i\) Mental Measurements Yearbook](#)
- [\(i\) MIT CogNet](#)
- [\(i\) PsycARTICLES](#)
- [\(i\) PsycBOOKS](#)
- [\(i\) PsycCRITIQUES](#)
- [\(i\) PsycINFO](#)
- [\(i\) PubMed - U of M Students, Staff & Faculty](#)
- [\(i\) Social Sciences Citation Index \(included in Web of Science\)](#)
- [\(i\) More ...](#)

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All E-Resources

A | B | C | D | E | F | G | H | I | J | K | L | M
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Affinity Strings



Research QuickStart: Psychology

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RQS Page Status

Created: 2003-08-27 10:07:20 (staff)

Modified: 2008-03-25 08:09:58 (hayco001)

Pub Status: Published

[Unpublish](#)

UPortal Mappings

Core Flags: Basic: 10 | Advanced: 10

Affinity (Descr) | Date Last Published:

tc.fac.aa.686G.9403 (Boyn Hlth Svc Mental Health Assistant Professor) | 2008-04-06 17:05:12
tc.fac.cehd.298A.9401 (Child Development, Inst of Professor) | 2008-04-06 17:05:14
tc.fac.cehd.298A.9402 (Child Development, Inst of Associate Professor) | 2008-04-06 17:05:14
tc.fac.cehd.298A.9403 (Child Development, Inst of Assistant Professor) | 2008-04-06 17:05:14
tc.fac.cehd.298A.9410 (Child Development, Inst of Regents Professor) | 2008-04-06 17:05:14
tc.fac.cla.485A.9401 (Psychology Professor) | 2008-04-06 17:05:19
tc.fac.cla.485A.9402 (Psychology Associate Professor) | 2008-04-06 17:05:19
tc.fac.cla.485A.9403 (Psychology Assistant Professor) | 2008-04-06 17:05:19
tc.fac.cla.485A.9410 (Psychology Regents Professor) | 2008-04-06 17:05:19
tc.grad.gs.psy.na.admit (Psychology) | 2008-04-06 17:06:00
tc.grad.gs.psy.phd (Psychology Ph D) | 2008-04-06 17:06:00

[Push Changes to UPortal](#)

Related RQS Subjects

Available Subject(s):

Accounting
Advertising
African American Studies
African Studies
Agriculture

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Selected Subject(s):

[Remove](#)

Select Resource

Narrow Resource List To:
Starting With **A**

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Title or Description:

and/or

Master Info Type:

All

[v](#)

and/or

Master Info Type:

All

[v](#)

and/or

Title or Description:

and/or

Related PageScribe Pages

Available Page(s):

2007 Elite 8 Competition
Bible: Basic Reference Sources
Religious Studies Web Sites
Services and Resources for U of M Pr...
A Guide for Business Resources in the H...



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| Assign Affinities | |
|--|--|
| Subject: | Psychology <input type="button" value="Load Subject"/> |
| Available Affinities: | Selected Affinities: |
| tc.grad.gs.psy.na.admit Psychology | tc.fac.aa.686G.9403 Boyn Hlth Svc Mental Heal... tc.fac.cehd.298A.9401 Child Development, Inst o... tc.fac.cehd.298A.9402 Child Development, Inst o... tc.fac.cehd.298A.9403 Child Development, Inst o... tc.fac.cehd.298A.9410 Child Development, Inst o... tc.fac.cla.485A.9401 Psychology Professor tc.fac.cla.485A.9402 Psychology Associate Prof... tc.fac.cla.485A.9403 Psychology Assistant Prof... tc.fac.cla.485A.9410 Psychology Regents Profes... tc.grad.gs.psy.phd Psychology Ph D |
| <input type="button" value=">>"/> | <input type="button" value="<<"/> |
| Filter Available Affinities: (By substring or descr) | <input type="button" value="Push All to Portal"/> |
| <input type="text"/> | <input type="button" value="Apply"/> |



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Library Resources for JOUR 1001


Search for JOUR articles:


Submit

Databases with JOUR related materials

 [Communication and Mass Media Complete](#)

 [E-journals, Journalism and Mass Communication](#)

 [EBSCO MegaFILE](#)

 [LexisNexis Academic](#)

 [New York Times \(1851-2004, via ProQuest\)](#)

 [Television News Archive](#)

[More library resources for JOUR ...](#)



Map to Course Subjects / CIP Codes

Available Course Subject(s):

AHS | Academic Health Center Shared [51.99.99]
ACCT | Accounting [52.03.01]
EDUC | Adult and Teacher Education [13.01.01]
ADED | Adult Education [13.12.01]
ADPY | Adult Psychiatry [51.14.01]
EDUC | Adult, Higher, & Teacher Educ [13.01.01]
AEM | Aerospace Engineering and Mech [14.02.01]
AIR | Aerospace Studies [14.02.01]
AFRO | Afro-American Studies [05.02.01]
AIM | Ag Industries & Marketing [01.01.99]
AFEE | Agri, Food, and Environ Educ [02.01.01]
AGET | Agricultural Engineering Tech [15.99.99]
AGRI | Agriculture [02.01.01]
AGUM | Agriculture, Univ of Minnesota [02.01.01]
AGRO | Agronomy and Plant Genetics [02.04.02]
AIR | Air Science [14.02.01]
AIR | Air Science and Tactics [14.02.01]
AKKA | Akkadian [16.12.99]
AMIN | American Indian Studies [05.02.02]
ASL | American Sign Language [13.08.02]

>>

Selected Course Subject(s):

PSYF | Psy Foundations of Education [42.01.01]
PSYS | Psychoeducational Studies [42.01.01]
PSYF | Psychological Foundations [42.01.01]
PSY | Psychology [42.01.01]

<<



Where else?

- **iGoogle**
- **Course Management systems**
 - Moodle and Vista
 - In addition to CourseLib
- **Can we be more site agnostic?**
 - RSS
 - LibData API?





Google Search | I'm Feeling Lucky

Advanced Search
Search Preferences
Language Tools

Home ▾ Stuff Add a tab

New! Select theme | Add stuff »

Saved Databases - U of M Libraries

Title(5) - Sort (A-Z)

- [Academic Search Premier](#)
- [Libraries OneSearch](#)
- [Library Information Science & Abstracts](#)
- [Library Literature and Informa...](#)
- [Oxford English Dictionary](#)

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Saved E-Journals - U of M Libraries

Title (4) - Sort (A-Z)

- [Journal of democracy](#)
- [Nature](#)
- [Nine](#)
- [Science](#)

Prev 1 Next

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Libraries News and Events

[New E-resource Features the John Dewey](#)

[New E-resources at the U of M Libraries](#)

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[Get It: Gateway to the Middle Ages and Renaissance](#)

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Saved Databases - University Of Minnesota Libraries

[Academic Search Premier](#)

[Library Abstracts](#)
[Library Full Text](#)

Mail

May - t 1:06pm
 Wake s 10:50am
 h you Apr 2
 R TO Apr 2
 from t Apr 2

Sat

 54° | 31°

Search Key Resources - U of M Libraries

[Library Sc...](#) | [Library Sc...](#) | [Other Reso...](#)

Resources for Library Science

[Academic Search Premier](#)

[American Library Association](#)

[Encyclopedia of Information Sc...](#)

[Encyclopedia of Library and In...](#)

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Suggested By
Peggy Johnson
(Librarian)

[Bio Page](#)
m-john@umn.edu

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MATH 1001

The Library has a lot to offer for your course

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip.

Choose a new course:

MATH

Articles

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Search for books and articles for your course:

What am I searching?



Recommended Resources for MATH courses:

Librarian that can help you: [Kristine Fowler](#)

Try these databases:

[Academic Search Premier](#)

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[Current Index to Statistics -- Extended Database](#)

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There is a CourseLib page available for this course!

[Visit the CourseLib page for MATH1001](#)

Library Links

- [Assignment Calculator](#)
- [myLibrary on MyU](#)
- [RefWorks: Citation Manager](#)

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Course Reserves

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Student resource guide : Excursions in modern mathematics by Dale Buske

TC Mathematics Library Reserve QA36 .T35 2007 Two Hour Loan

Excursions in modern mathematics by Peter Tannenbaum

TC Mathematics Library Reserve QA36 .T352 2007 Two Hour Loan

Your Other Courses

LibRest API's

Digital Library Development Lab / Paul F. Bramscher brams006@umn.edu

| API | API Input Parameters | Try it |
|--|--|--|
| Display the A-Z list API: verb=azlist&letter={upper-case A-Z} | letter (upper-case, blank = ALL): <input type="text"/> | <input type="button" value="AZ List"/> <input type="button" value="Clear"/> |
| Display a CourseLib Page API: verb=course&coursesub={coursesub}&course_num={course_num}&limit={num elements} | Course Subject (CLAS): <input type="text"/> Course Number (1042): <input type="text"/> Limit Elements (blank = ALL): <input type="text"/> | <input type="button" value="CourseLib Page"/> <input type="button" value="Clear"/> |
| Display Course Subjects API: verb=coursesubs | (no parms) | <input type="button" value="Course Subjects"/> <input type="button" value="Clear"/> |
| Indexes by Master Subject API: verb=idxbymassub&mastersubject_id={mastersubject_id} | Master Subject ID (e.g. 4): <input type="text"/> | <input type="button" value="Indexes by Master Subject"/> <input type="button" value="Clear"/> |
| Indexes by Subject API: verb=idxbysub&subject_id={subject_id} | Subject ID (e.g. 12): <input type="text"/> | <input type="button" value="Indexes by Subject"/> <input type="button" value="Clear"/> |
| Find-It Enabled Indexes API: verb=idxfindit | (no parms) | <input type="button" value="Find-It Enabled Indexes"/> <input type="button" value="Clear"/> |
| General Indexes API: verb=idxgen | (no parms) | <input type="button" value="General Indexes"/> <input type="button" value="Clear"/> |
| Resource Detail | Resource ID (e.g. 15456): <input type="text"/> | <input type="button" value="Resource Detail"/> <input type="button" value="Clear"/> |

This XML file does not appear to have any style information associated with it. The document tree is shown below.

```
- <idxbysub>
  <subject>Mathematics</subject>
- <masterinfotype>
  <masterinfotype_name>Abstracts and Indexes</masterinfotype_name>
- <infotype>
  <infotype_name>Academic or Scholarly Articles Subject Indexes</infotype_name>
- <resource>
  <resource_id>3312</resource_id>
  <title>Current Index to Statistics -- Extended Database</title>
  <url>http://www.lib.umn.edu/cgi-bin/cstat.cgi</url>
  <feature>Restricted</feature>
- <annotation>
  Current Index to Statistics Extended Database is the Internet version of Current Index to Statistics, Applications, Methods and Theory, from the American Statistical Association and the Institute of Mathematical Statistics. CIS is a bibliographic index to publications in statistics and related fields. It includes coverage, in most cases from 1974 (or first issue if later) to the present (currently, volumes published in 1998 from 106 "core journals" (and pre-1974 coverage for a number of them), selected articles since 1974 from about 900 additional journals, and about 8000 books in statistics published since 1974. Each year, the CIS-ED is updated with an additional year of coverage.
</annotation>
<resource_status/>
<resource_message/>
<vendor_status/>
<vendor_message/>
</resource>
- <resource>
  <resource_id>14556</resource_id>
  <title>DiscoveryGate</title>
  <url>http://www.lib.umn.edu/get/discoverygate</url>
  <feature>Restricted</feature>
- <annotation>
  DiscoveryGate includes Beilstein (physical property and reaction data for more than 10 million organic compounds) and Gmelin (similar types of information for over 2.2 million inorganic and organometallic compounds); PC users will need to download a piece of software to use DiscoveryGate and all users may need to make an exception for blocked pop-up windows. The only browsers supported are Internet Explorer and Safari.
</annotation>
```

MATH 1001

The Library has a lot to offer for your course

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Excursions in modern mathematics by Peter Tannenbaum

TC Mathematics Library Reserve QA36 .T352 2007 Two Hour Loan

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Hopefully...

<http://www.lib.umn.edu/courses/MATH/1001>

Predictable URLs
Programmatically included in CMS



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Conclusion

- **Using LibData to put library resources “in the flow”**
 - Map subjects to courses, affinity strings
- **Portal, Google, Course management systems ... what else?**
- **LibData API: LibREST**
 - Drupal integration



Questions?

Shane Nackerud
Web Services Coordinator
University of Minnesota
snackeru@umn.edu

Johan Oberg
Digital Scholarship and Services Librarian
Macalester College
joberg@macalester.edu



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