Library 2.0?

Wendt Computer Services 11.17.2005
Eric Larson & Nate Vack
Outline:

- Who are we?
- What is 2.0?
- How we do it
- You can do it, too
- Demo time
- Special surprise
- Questions?
Who we are...
Eric

UW-Madison SLIS Grad

**Employed: 2.0 jobs...**
Research Intern--
  Wendt Library CS
Publishing Program Manager--
  Office of Scholarly Communication & Publishing
  Memorial Library

**Interests:**
Lots ‘o Data, Web Design, XML, Pickling...
Nate
UW-Madison CS Grad

Employed:
Director of Computer Services--Wendt Library CS

Interests:
Hacking OSS projects, coding for the libraries, indie music, kittens...
What we do
We write code...
What does that mean?...
We build web-applications that follow:
Web Standards
eXtensible HyperText Markup Language (XHTML)
Cascading Style Sheets (CSS)
JavaScript
(JS)
Hypertext Preprocessor (PHP)
Relational Database Management Systems (RDBMS)
Structured Query Language (SQL)
and IT anything
with a little bit of...
eXtensible Markup Language (XML)
Asynchronous JavaScript And XML
(AJAX)
Application Program Interfaces
(APIs)
Content management systems (CMS)
all of which
on the web
is considered
however and for whatever reason...
What is Web 2.0?

Web 2.0 is a term often applied to a perceived ongoing transition of the World Wide Web from a collection of websites to a full-fledged computing platform serving web applications to end users. Ultimately Web 2.0 services are expected to replace desktop computing applications for many purposes.

~Wikipedia
That’s a lot of stuff...
How do I learn all of this?
You work at it
You find help
You start slowly
What you should learn:
eXtensible HyperText Markup Language (XHTML)
Cascading Style Sheets (CSS)
Hypertext Preprocessor (PHP)
Structured Query Language (SQL)
Relational Database Management Systems (RDBMS)
In short...
take Kristin’s classes
read this book on XHTML:
these books on CSS:
PHP and MySQL:
when you get stuck
Why?
Libraries 2.0
easier to use
user-friendly
user-used
4. our bosses ask us to do this
5. your future bosses will ask you too (2.0)!
With 2.0, libraries can serve patrons better.
How to 2.0?
Wouldn’t it be cool if ...
we could track and record patron questions online
and search the full-text of the answers
Library 2.0 response...

PS Stats database
Wouldn’t it be cool if ...
we knew how much this seldom read journal cost per character
so we wouldn’t feel so bad canceling it
Library 2.0 response...

JVP database
Journal Value Project

JVP: Search Results

New Search | Export to Excel

Click on a header to sort by that column. Click again to reverse the sort. Click an ISSN to see all years of data for a journal.

Searched Wendt
Found 418 results.

<table>
<thead>
<tr>
<th>ISSN</th>
<th>Title</th>
<th>Year</th>
<th>Cost</th>
<th># Pages</th>
<th>Cost/Page($)</th>
<th>Cost/1000 Chars($)</th>
<th>Barschall Factor</th>
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<td>Accident analysis and prevention.</td>
<td>2004</td>
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</table>
Wouldn’t it be cool if ...
scholarly communication changed
and libraries published
Library 2.0 response...

Office of Scholarly Communication and Publishing
Transforming Scholarly Communication & Publishing

The scholarly communication & publishing system is becoming limited in its ability to provide faculty, researchers and students with access to needed research materials.

- **Economically unsustainable for libraries**
  Escalating costs of research materials have seriously diminished the purchasing power of libraries.

- **Restrictive business & licensing practices from publishers**
  At a time when digital access should enable researchers to maximize the reach and impact of their research results, the restrictive business and licensing practices of many publishers have placed constraints on openly sharing them.

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**Take Action — Faculty & Researchers**

Faculty, researchers and their universities must take action to regain control of the scholarly communication and publishing system.

- Control your copyright
- Exert your influence with publishers
- Archive your work

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**UW-Madison Provost**

— Peter Spear

"Research results must be widely accessible in order to advance knowledge—and the plain fact is that we are losing access to vital research information. Universities must lead the way in changing the research communication system."

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**UW-Madison Responds**

**Letter from the UW-Madison Library Director**

— Kenneth Frazier

- Faculty Senate Resolution
- Office of Scholarly Communication & Publishing
- UW-Madison Libraries Service & Publishing Initiatives
Wouldn’t it be cool if ...
our library website was cool
Wendt1.0
What's New at Wendt Library?

**Fall 2005 WORKSHOPS**

Introduction to Managing Information Using RefWorks  
November 18 (Friday), 11 am-noon  
All workshops are in Wendt Library, Room 108. No registration is needed. For more information on these and workshops at other campus libraries, see [Workshops & Library Sessions](#).

**Missed our Fall 2005 TOURS?**

To arrange an individual or group tour, contact Amy Kindschl. Email: kindschi@engr.wisc.edu or call (608) 262-9405.

**Tutoring & Supplemental Instruction - 4th Floor Wendt Library**

[Tutoring Schedule] - Drop in tutoring begins on Sunday, September 18th  
[Supplemental Instruction Schedule]

**Keeping Current**

[Alert Services & Customized Searches]

- Find out about alerts you can set up yourself.  
- New! Wisconsin TechSearch, Wendt Library’s outreach service for business and industry, is offering a fee-based customized-literature and patent-searching service as a pilot project. Cross-database searching available.
Wendt 2.0
Library News | Archive

New Liaison Program

Need help getting articles and doing research? Wendt has a liaison program to help Faculty and Graduate Students navigate the treacherous waters of research. Read on or visit our liaisons page for more information.

**Wendt has a New Web Site**

Wendt is proud to unveil its new web site. Take a look around and let us know what you think.

**Tip of the Day**

Knovel | All Tips of the Day

Read and search for more than 50 Engineering and Chemistry textbooks, find chemicals by property, and much more. Read on for more details, try Knovel now, or take a tour of Knovel and its features.
Wouldn’t it be cool if ...
our OPAC found what I wanted
the MONSTER at the end of this Book
starring LOVABLE, FURRY OLD GROVER

By Jon Stone
Illustrated by Mike Smollin

Hello, everybodyee!
Wouldn’t it be cool if ...
our OPAC advised me how to get this book
OPAC1.0
OPAC 2.0?
madizon