

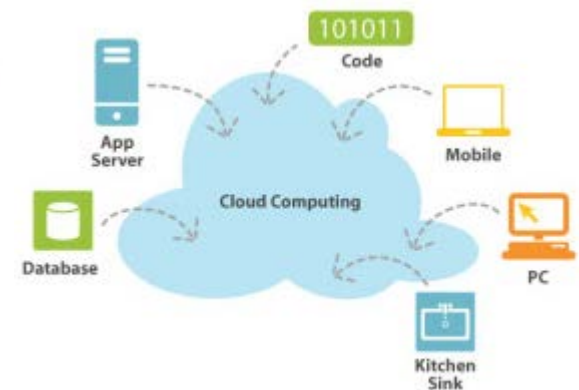
PERCEPTIONS AND USE OF WEB 2.0 OF THAI ACADEMIC LIBRARIANS



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New Technology for Libraries

- QR code
- Ubiquitous technology
- Mobile technology
- Cloud computing
- Web 2.0, Web 3.0...



What is Web 2.0 ?

- The second generation development and design of web to facilitate communication and secure information, sharing interoperability and user-centered design.



Why Web 2.0 to Libraries?

- **Marketing**

- To push information to users and public in up-to-date way
- To meet the various users, especially the youths, who those are on the Internet
- To guide the users to their appropriate information sources

- **Managing the Internet information**

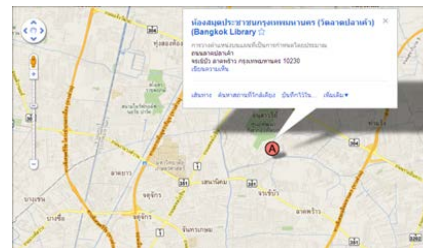
- **Monitoring what discussion about the library**

- **Employing any tasks with easy way**

- **Saving the budget**

Web 2.0 Applications

- Blog / Weblog
- Library Wiki
- RSS (Really Simple Syndication)
- Podcast
- File sharing
- Tagging / Folksonomy
- OPAC 2.0
- Instant messaging
- Web mapping
- Social networking
- Social bookmarking
- Virtual 3D game

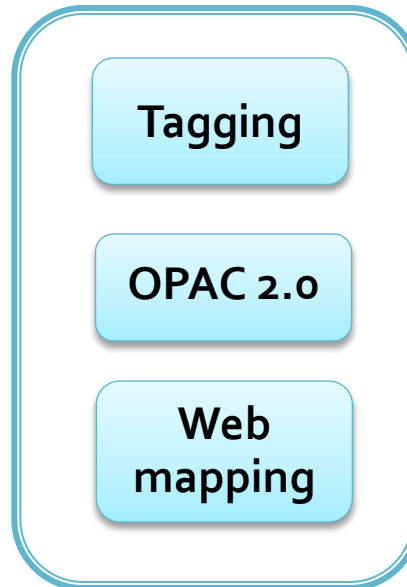


Library Web 2.0 Applications

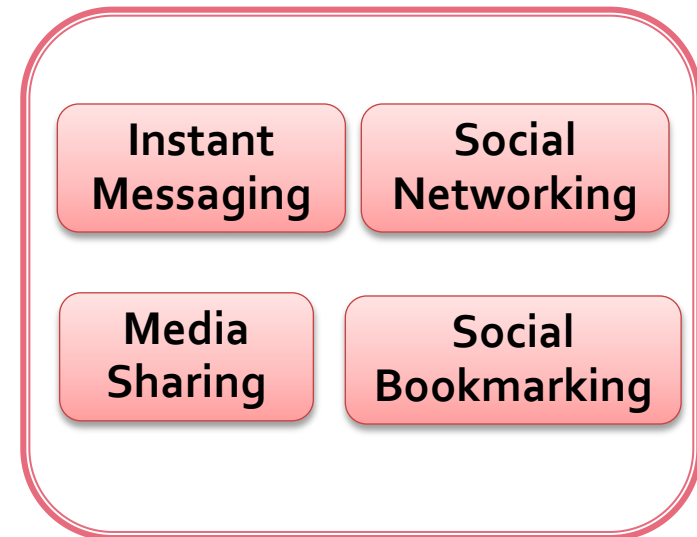
Information Push/Pull



Information Retrieval



Information Exchange



Academic Libraries vs. Web 2.0

- In 2005, the usage of libraries fell by 50% and in 2007, library usage fell another 20% (De Rosa, et al, 2007).
- Web 2.0 promotes participatory networking where librarians and users can communicate, collaborate, and generate content (Chau & Goh, 2010).
- Many libraries implementing Web 2.0 applications to promote their services and activities.

RSS, Email & Table of Contents Alerts

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Us
Ca

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What are RSS and email alerts?

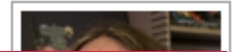
Why should I use them?

- **table of contents** from new issues of your favorite journal
- **new articles** on your specific research topic
- **new books** in your field in the MIT Libraries
- **new patents** in specific technology areas of interest to you
- **news** in science, technology, business, health, etc. from Google, New York Times, BBC, etc.

A comparison of RSS feeds and email alerts is below.

RSS Feeds vs. Email Alerts

My profile



Library
Rm 10-500
[Send Email](#)

Links:
[Profile & Guides](#)

LibraryWikis

FrontPage

last edited by  PBworks 3 years ago Page historyTags: [libraries](#), [librarywikis](#), [wikis](#) Check for plagiarism

Welcome to [LibraryWikis!](#)

LibraryWikis is a wiki about wikis used in libraries. It is a place for sharing examples of library wikis. The wiki is a companion to a within the September 2007 issue of *Information Technology and Libraries*. The wiki is Matthew Bejune, Assistant Professor of Library Science, Libraries, and Doctoral student at the Graduate School of Library Science, University of Illinois at Urbana-Champaign. He can be reached at mbejune@purdue.edu.

Members of the library community are invited to contribute or creating new pages. To do so, click Edit Page or Create a New Page. A password will be asked for a password which is LWcontrib and your name and

About the Article

Citation: Bejune, Matthew M. (2007). Wikis in Libraries. *Information Technology and Libraries*, 26(3), 27-39.

Navigator

- [Collaboration between Libraries](#)
- [Collaboration between Library Staff](#)
- [Collaboration between Library Staff and Patrons](#)
- [Collaboration between Patrons](#)

• QuickStart

Pages

Files

options

Social bookmarking on Delicious

University of Georgia Library, Cataloging Department

catresources's Bookmarks on Delicious - Windows Internet Explorer

http://www.delicious.com/catresources

File Edit View Favorites Tools Help

catresources's Bookmarks on Delicious

delicious Home Bookmarks People Tags

Join Now! What's New? Learn more Help Sign In

Search Delicious Search

These are some of the tasty bookmarks cataloging resources has saved on Delicious. Want to start saving your own? Learn More

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cataloging resources's Bookmarks
 Bookmarks | Network | Tags | Subscriptions
 Site: http://www.libs.uga.edu/catalog/
 See more bookmarks in Popular or Recent.

Save a new bookmark
 Browse these bookmarks

catresources Type a tag Bookmarks 206

Display options

06 APR 08 DVD FAQ SAVE | SHARE 600

RSS Feeds and Email Subscriptions (Library of Congress) SAVE | SHARE 126

30 NOV 07 Cataloging and Acquisitions Artifacts SAVE | SHARE 130

cataloging

12 JUN 07 Employee New Hire -- Departmental (UGA Cataloging) SAVE | SHARE

Emergency Procedures for Cataloging (UGA Cataloging) SAVE | SHARE

ETD summary SAVE | SHARE 2

ETD collection policy SAVE | SHARE

ETD cataloging procedures SAVE | SHARE

Electronic Resources -- Free (UGA Cataloging) SAVE | SHARE

Tags Options

Top 10 Tags

lc	32
uga_cataloging_proc...	29
serials	28
music	22
oclc	22
authorities	21
database_maintenance	18
MARC	18
news	18
monographs	17

Tag Bundles 20

▶ Authorities	2
▶ Cataloging>Audio-...	5
▶ Cataloging>Databa...	2
▶ Cataloging>Electr...	2
▶ Cataloging>Maps	5
▶ Cataloging>Monogr...	4
▶ Cataloging>Newspa...	1
▶ Cataloging>Serials	4
▶ General>LanguageT...	2
▶ General>Misc.	1
▶ General>Music	5

Gaming and Virtual 3D World



Virtual Bracken Library (<http://idiarts.org/projects/28>)

Objectives of the Study

- To study and compare academic librarians' perceptions and use of Web 2.0

Independent variables

Academic Librarians

- Personality
- Computer skills
- Availability of Internet facilities



Dependent variables

Web 2.0

- Perceptions
- Usage

Research Methodology

- A sample group, drawn by random sampling, comprises 318 librarians who work at university libraries in Bangkok.
- The research instruments were the personality characteristic test based on introversion-extraversion model in the Eysenck Personality Questionnaire (EPQ), a computer competency test and questionnaires.
- Data was gathered in the summer of 2011 (April-June 2011).

Research Results

- The 318 academic librarians were mostly female (92.50%), between 50 and 60 years old, working in technical services and holding Master Degrees.
- Their personality characteristics revealed that 51.6% were introverted and 48.4% were extraverted.
- Overall, they had moderate levels of computer ability skills.

Research results

Table 1 Computer Ability of Academic Librarians Divided by Group of Applications

Group of Computer Applications	\bar{X}	S.D.	Level
1. Operating systems	2.19	0.73	Moderate
2. Word processing	2.53	0.65	Good
3. Spread sheet	2.13	0.73	Moderate
4. Presentation	2.19	0.77	Moderate
5. Web Browsers	2.54	0.64	Good
6. Database Management	1.74	0.79	Moderate
7. Graphics	1.56	0.72	Low
8. Communication	2.63	0.61	Good
9. Web authoring	1.51	0.68	Low
10. Library automation	2.53	0.67	Good
11. Sound editor	1.42	0.68	Low
12. Video editor	1.34	0.63	Low
Average	2.02	0.43	Moderate

Research Results

- The academic librarians reported having access to Internet facilities at a moderate level (48.74%), good level (44.34%) and low level (6.92%), respectively.
- Their perceptions of Web 2.0 was in the comprehension stage, but their use of Web 2.0 was at low level.

Research Results

Table 2 Academic Librarians' Use of Web 2.0

Web 2.0 Applications	\bar{X}	S.D.	Level
1. Blogs	2.62	1.12	Moderate
2. Wikis	2.79	1.12	Moderate
3. Social networking	3.36	1.31	High
4. RSS	1.96	1.06	Low
5. Social tagging	2.45	1.27	Low
6. Instant messaging	3.31	1.40	Moderate
7. File sharing	2.13	1.20	Low
8. Social bookmarking	2.18	1.15	Low
9. Virtual 3D game	1.61	0.92	Lowest
10. Podcast	1.73	1.05	Lowest
11. Web mapping	2.48	1.32	Low
Total	2.42	0.84	Low

Research Results

- Extraverted librarians used Web 2.0 more frequently than introverted librarians.
- Librarians with different abilities of computer usage exhibited different levels of perception and use of Web 2.0.
- Librarians with high ability of computer usage had a higher level of perception and use of Web 2.0 than those with average or low abilities.

Suggestions for Academic Libraries

- To establish a Library 2.0 policy
- To support for hardware/software and facilitate a network connection to the Internet
- To organize the workshops and seminars about Web 2.0 for librarians
- To provide the computer staff to assist the librarians

Suggestions for Librarians

- To use Web 2.0 applications for communication to users and collaboration among librarians
- To study various kinds of Web 2.0 applications for applying to their library jobs
- To share their own experiences of Web 2.0 usage to the other librarians

Question & Answer ?



Thank You !

