

# Open Source Software in Libraries

## An Infopeople Webcast

Tuesday, January 27, 2004  
12:00 noon to 1:00 PM

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# Technical Housekeeping

- Use Chat window to ask questions or post to group
- Click IM button to send a private message
- For technical problems, send IM to **HorizonHelp**
- Evaluation pops up during Q&A; please fill it out
- Webcast is being archived; will be available on Infopeople's website tomorrow



# Topics To Be Discussed

- Think of a question
- Definition
- Similarities to librarianship
- Types of OSS
- Library-specific applications
- Empowering computer philosophy
- Infopeople online workshop
- Questions



# Try To Answer This Question

What problems are you having in your institution that might be addressed with computer technology?

Put another way, if you could have a particular computer program written, then what would it do?



# Open Source Software (OSS) is...

- free as in “free speech, not free beer”.
- free as a “free kitten”.
- not shareware.
- not like “homegrown” systems.
- not in the public domain.
- an effort to retain control of computers.
- a philosophy of computing.



# OSS and librarianship both...

- value “free” data/information.
- put a premium on accessibility.
- represent “gift cultures.”
- exist to improve the state of society.
- use peer-review to determine/improve quality.
- endorse open standards.



# Types of OSS

- Database applications
- HTTP servers and clients
- Programming languages and libraries
- Web browsers
- SMTP servers and clients
- Operating systems
- XML processors



# Library-like OSS...

- MARC record readers/writers
- Z39.50 servers and clients
- Online public access catalogs/ILS's
- Internet resource list managers
- Portal applications
- Indexers/search engines
- OAI data repositories and harvesters

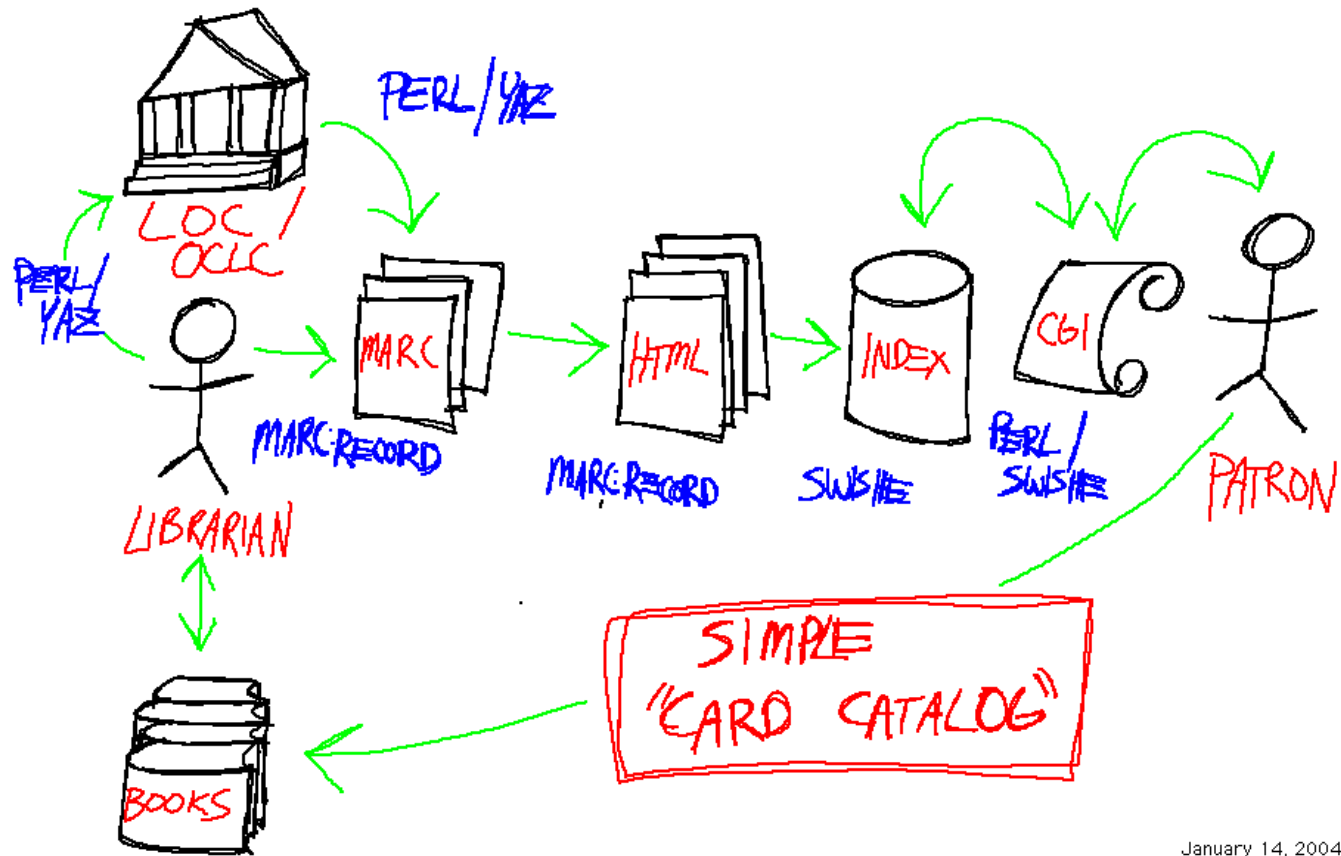




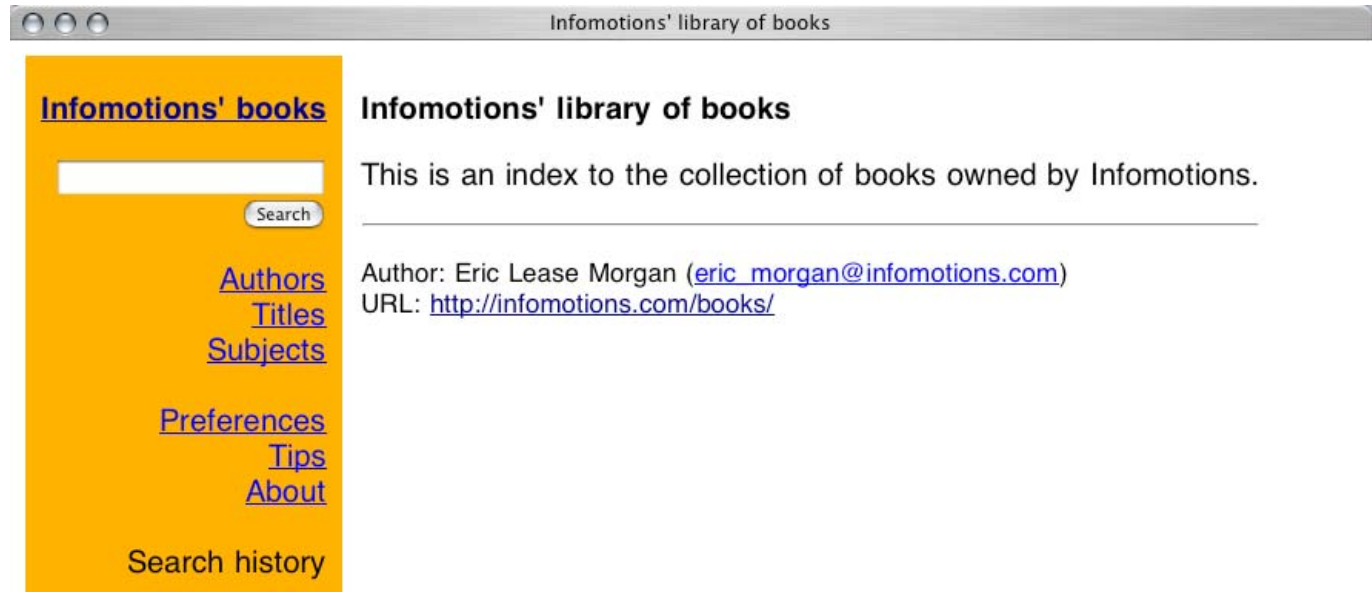
# More Library-like OSS

- Digital asset managers
- Citation managers
- Online reference applications
- Bibliographic data managers
- Preprint servers
- E-reserves systems
- Proxy servers

# Simple "Card Catalog"



# Home Page



The screenshot shows a web browser window with the title "Infomotions' library of books". The page content is as follows:

**Infomotions' books**

Search

[Authors](#)  
[Titles](#)  
[Subjects](#)

[Preferences](#)  
[Tips](#)  
[About](#)

Search history

**Infomotions' library of books**

This is an index to the collection of books owned by Infomotions.

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Author: Eric Lease Morgan ([eric\\_morgan@infomotions.com](mailto:eric_morgan@infomotions.com))  
URL: <http://infomotions.com/books/>

# Author Index

Infomotions' library of books

**Infomotions' books**

Search

[Authors](#)  
[Titles](#)  
[Subjects](#)

[Preferences](#)  
[Tips](#)  
[About](#)

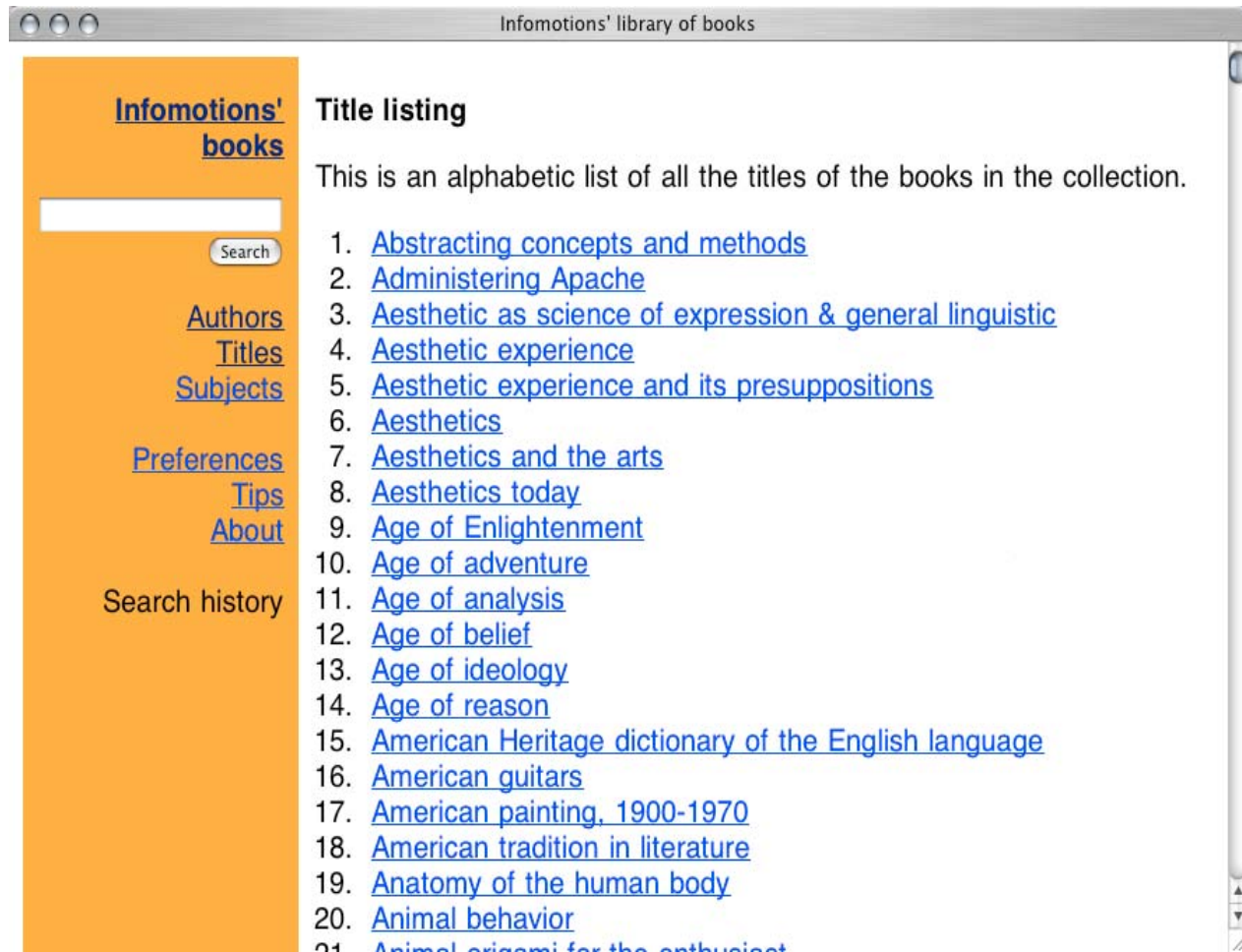
Search history

## Author listing

This is an alphabetic list of all the authors of the books in the collection.

1. [Abraham, Gerald, 1904-](#)
2. [Ackermann, Robert John, 1933-](#)
3. [Adler, Mortimer Jerome, 1902-](#)
4. [Agay, Denes, \[from old catalog\] comp](#)
5. [Ahmed, Kal](#)
6. [Aiken, Henry David, 1912- ed](#)
7. [Alberico, Ralph](#)
8. [Alexander, Lloyd](#)
9. [Alfassy, Leo, \[from old catalog\]](#)
10. [Allen, Terese](#)
11. [Allen, Warren Dwight, 1885-1964](#)
12. [Alston, William P., comp](#)
13. [Aluri, Rao](#)
14. [Anderson, Gail, 1951-](#)
15. [Apel, Willi, 1893-](#)
16. [Arendt, Hannah](#)
17. [Armour, Leslie, 1931-](#)
18. [Arnheim, Rudolf](#)
19. [Arnold, Mark](#)
20. [Arnsperg, Johann](#)

# Title Index



The screenshot shows a web browser window with the title "Infomotions' library of books". The page is divided into two main sections. On the left is an orange sidebar containing navigation links: "Infomotions' books" (with a search input field and a "Search" button), "Authors", "Titles", "Subjects", "Preferences", "Tips", "About", and "Search history". On the right is the main content area, titled "Title listing", which contains a descriptive sentence and a numbered list of 20 book titles, each followed by a blue underlined link.

**Infomotions' books**

Search

[Authors](#)  
[Titles](#)  
[Subjects](#)

[Preferences](#)  
[Tips](#)  
[About](#)

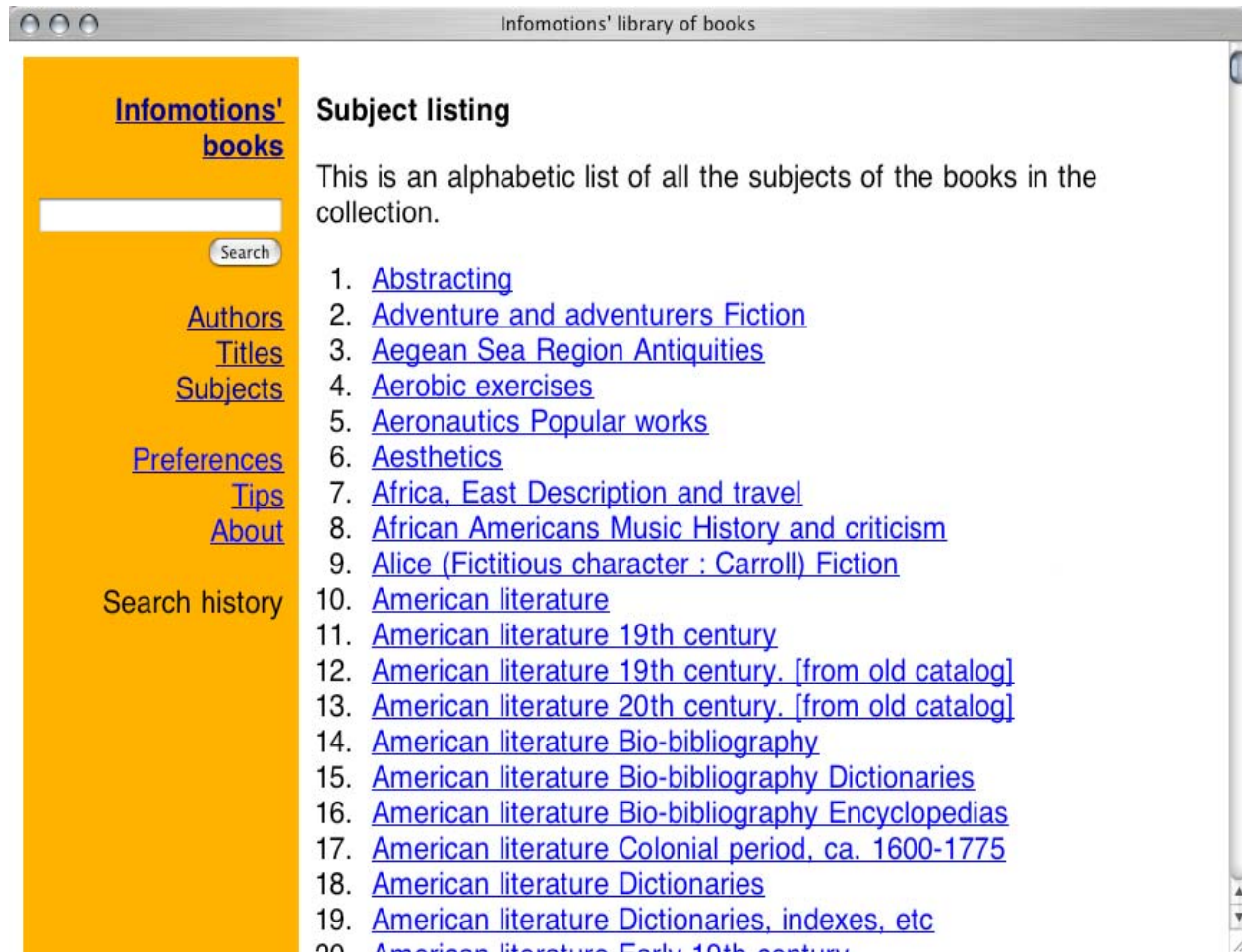
Search history

## Title listing

This is an alphabetic list of all the titles of the books in the collection.

1. [Abstracting concepts and methods](#)
2. [Administering Apache](#)
3. [Aesthetic as science of expression & general linguistic](#)
4. [Aesthetic experience](#)
5. [Aesthetic experience and its presuppositions](#)
6. [Aesthetics](#)
7. [Aesthetics and the arts](#)
8. [Aesthetics today](#)
9. [Age of Enlightenment](#)
10. [Age of adventure](#)
11. [Age of analysis](#)
12. [Age of belief](#)
13. [Age of ideology](#)
14. [Age of reason](#)
15. [American Heritage dictionary of the English language](#)
16. [American guitars](#)
17. [American painting, 1900-1970](#)
18. [American tradition in literature](#)
19. [Anatomy of the human body](#)
20. [Animal behavior](#)
21. [Animal ergonomics for the enthusiast](#)

# Subject Index



The screenshot shows a web browser window with the title 'Infomotions' library of books'. The page has a yellow sidebar on the left and a white main content area on the right. The sidebar contains the following links: [Infomotions' books](#),  (search box), [Search](#), [Authors](#), [Titles](#), [Subjects](#), [Preferences](#), [Tips](#), [About](#), and [Search history](#). The main content area is titled 'Subject listing' and contains the text: 'This is an alphabetic list of all the subjects of the books in the collection.' Below this text is a numbered list of 20 subjects, each with a blue underlined link. The list items are: 1. [Abstracting](#), 2. [Adventure and adventurers Fiction](#), 3. [Aegean Sea Region Antiquities](#), 4. [Aerobic exercises](#), 5. [Aeronautics Popular works](#), 6. [Aesthetics](#), 7. [Africa, East Description and travel](#), 8. [African Americans Music History and criticism](#), 9. [Alice \(Fictitious character : Carroll\) Fiction](#), 10. [American literature](#), 11. [American literature 19th century](#), 12. [American literature 19th century. \[from old catalog\]](#), 13. [American literature 20th century. \[from old catalog\]](#), 14. [American literature Bio-bibliography](#), 15. [American literature Bio-bibliography Dictionaries](#), 16. [American literature Bio-bibliography Encyclopedias](#), 17. [American literature Colonial period, ca. 1600-1775](#), 18. [American literature Dictionaries](#), 19. [American literature Dictionaries, indexes, etc](#), 20. [American literature Early 19th century](#).

# Free-text Search Result

Infomotions' library of books

**Infomotions' books**

origami

Search

[Authors](#)  
[Titles](#)  
[Subjects](#)

[Preferences](#)  
[Tips](#)  
[About](#)

Search history

origami

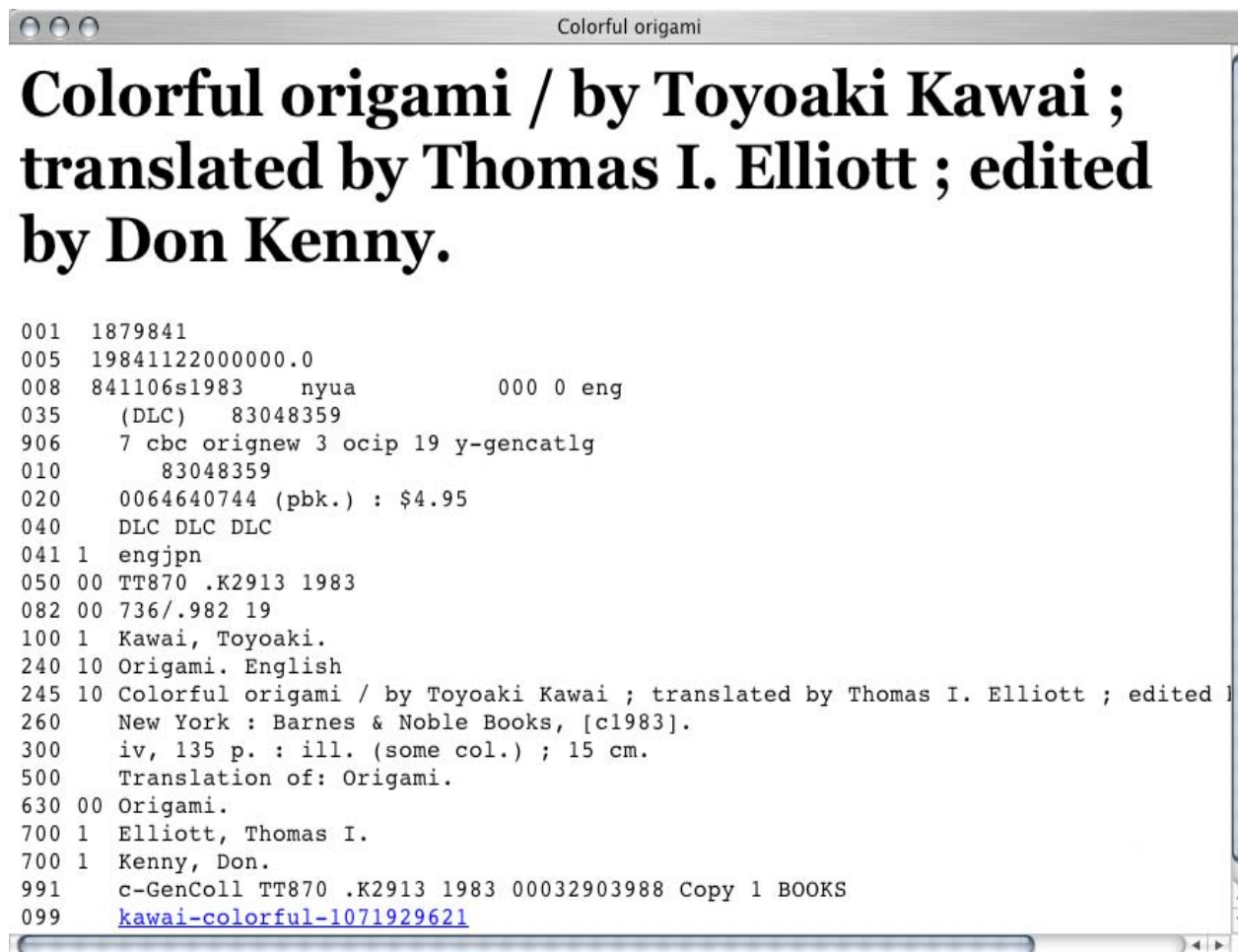
### Search results

Your search (origami) found 10 title(s).

Sort by: [author](#), [title](#), [year](#), [rank](#).

1. [Colorful origami / by Toyoaki Kawai ; translated by Thomas I. Elliott ; edited by Don Kenny.](#)  
**author:** Kawai, Toyoaki.  
**title:** Colorful origami  
**pagination:** iv, 135 p. : ill. (some col.) ; 15 cm.  
**publisher:** New York : Barnes & Noble Books, [c1983].  
**notes:** Translation of: Origami.  
**subjects:** Origami.
2. [Origami sea life / John Montroll, Robert J. Lang.](#)  
**author:** Montroll, John.  
**title:** Origami sea life  
**pagination:** 192 p. : chiefly ill. ; 28 cm.  
**publisher:** New York : Dover, 1991.  
**notes:** Originally published: Maryland : Antroll Pub. Co., 1990.  
**subjects:** Origami. Fishes in art.
3. [Origami to astonish and amuse / Jeremy Shafer.](#)  
**author:** Shafer, Jeremy.  
**title:** Origami to astonish and amuse  
**pagination:** 251 p. : ill. (some col.) ; 28 cm.

# Detail Record View



Colorful origami

**Colorful origami / by Toyoaki Kawai ; translated by Thomas I. Elliott ; edited by Don Kenny.**

001 1879841  
005 19841122000000.0  
008 841106s1983 nyua 000 0 eng  
035 (DLC) 83048359  
906 7 cbc orignew 3 ocip 19 y-gencatlg  
010 83048359  
020 0064640744 (pbk.) : \$4.95  
040 DLC DLC DLC  
041 1 engjpn  
050 00 TT870 .K2913 1983  
082 00 736/.982 19  
100 1 Kawai, Toyoaki.  
240 10 Origami. English  
245 10 Colorful origami / by Toyoaki Kawai ; translated by Thomas I. Elliott ; edited by Don Kenny.  
260 New York : Barnes & Noble Books, [c1983].  
300 iv, 135 p. : ill. (some col.) ; 15 cm.  
500 Translation of: Origami.  
630 00 Origami.  
700 1 Elliott, Thomas I.  
700 1 Kenny, Don.  
991 c-GenColl TT870 .K2913 1983 00032903988 Copy 1 BOOKS  
099 [kawai-colorful-1071929621](#)



# Too Much Detail

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http://infomotions.com/books/marc/kawai-colorful-1071929621.marc
00945nam 2200289 a
450000100080000000050017000080080041000250350021000669060045000870100017001320200031001490400018001800410011
00198050002300209082001700232100002000249240002200269245009800291260004800389300004500437500002900482630001
300511700002300524700001600547991006200563099003000625 1879841 19841122000000.0 841106s1983 nyua
000 0 eng 9(DLC) 83048359 a7 bcbc corignew d3 eocip f19 gy-gencatlg a 83048359
a0064640744 (pbk.) : c$4.95 aDLC cDLC dDLC 1 aengjpn 00 aTT870 b.K2913 1983 00 a736/.982 219 1 aKawai,
Toyoaki. 10 aOrigami. 1English 10 aColorful origami / cby Toyoaki Kawai ; translated by Thomas I. Elliott ;
edited by Don Kenny. aNew York : bBarnes & Noble Books, c[c1983]. aiv, 135 p. : bill. (some col.)
; c15 cm. aTranslation of: Origami. 00 aOrigami. 1 aElliott, Thomas I. 1 aKenny, Don. bc-
GenColl hTT870 i.K2913 1983 p00032903988 tCopy 1 wBOOKS akawai-colorful-1071929621
```



# OSS Empowers Libraries

## Open source software

- enables librarians and libraries to have more control over their computer technology.
- provides the means to explore and implement ways of doing librarianship without the reliance on a software vendor.
- illustrates how librarianship can facilitate library services and collections that go beyond book lending.
- enables libraries to meet the quickly changing information needs, desires, and expectations of users.



# Infopeople Online Workshop

- Introduces students to the world of open source software
- Includes exercises using MARC data, databases, indexers, and XML
- February 24 - March 23, 2004  
<http://infopeople.org/WS/workshop/Workshop/157/>

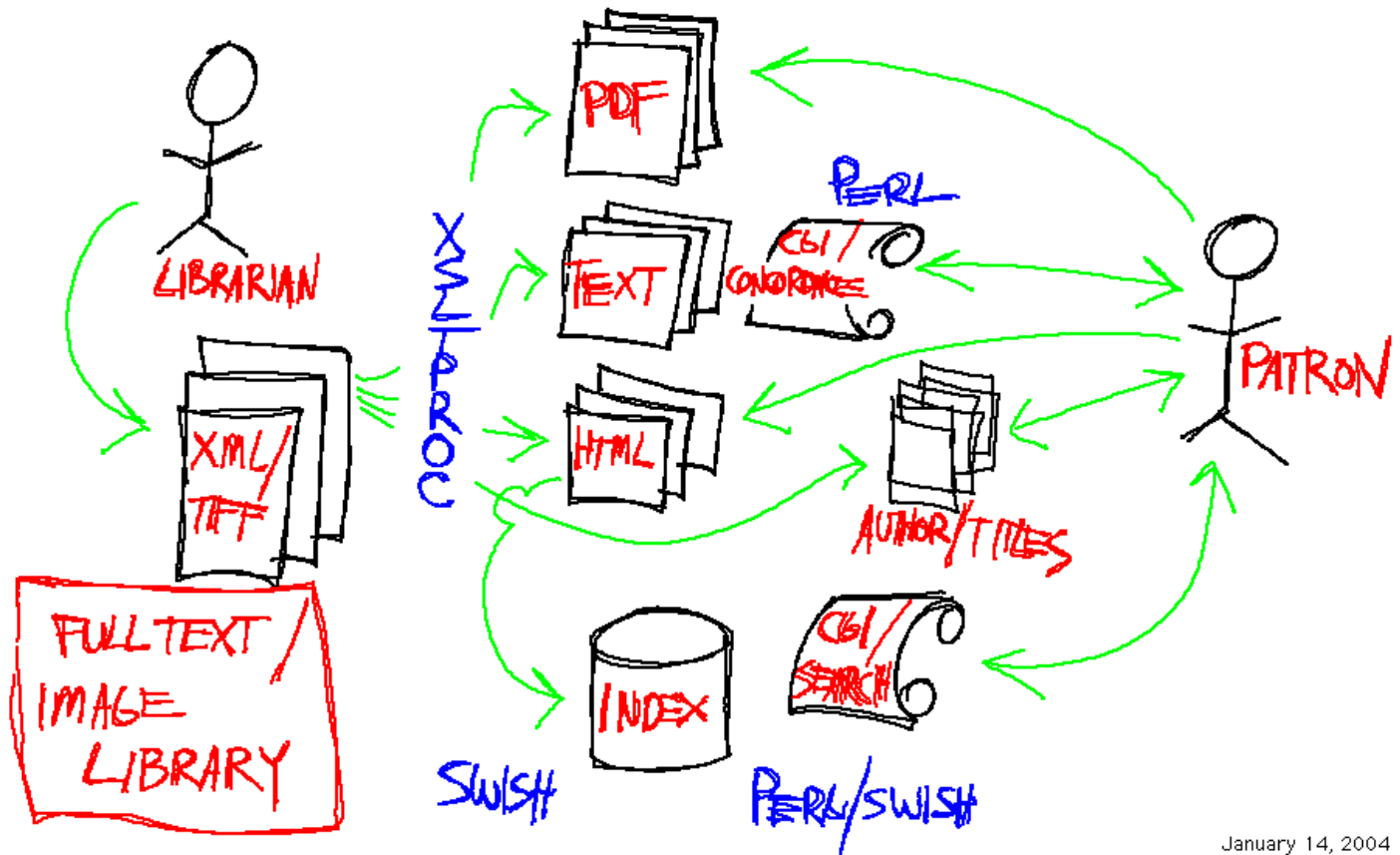


# Questions

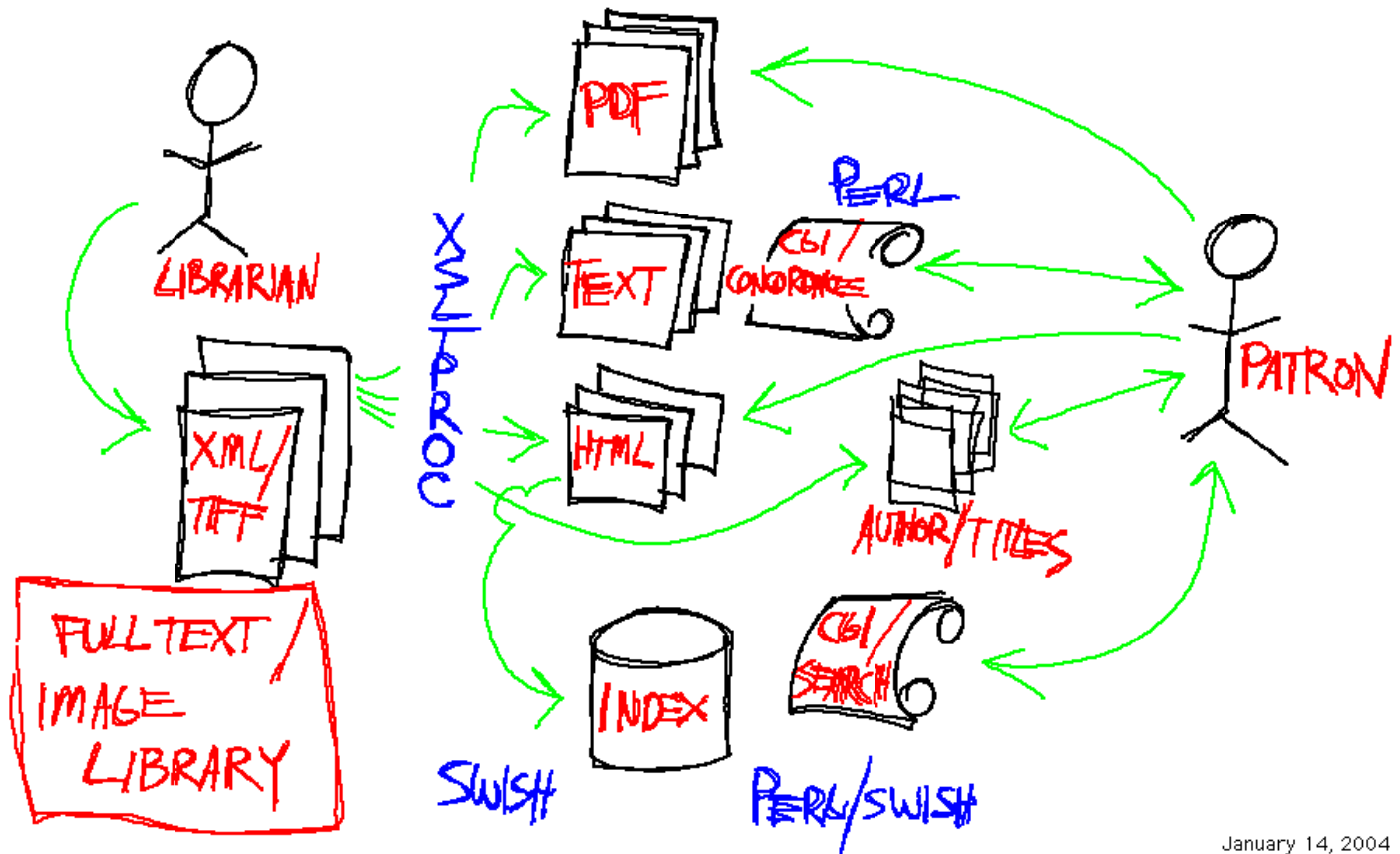
What sorts of computer applications would you like to see implemented in your particular library?

Are there any other questions from the participants?

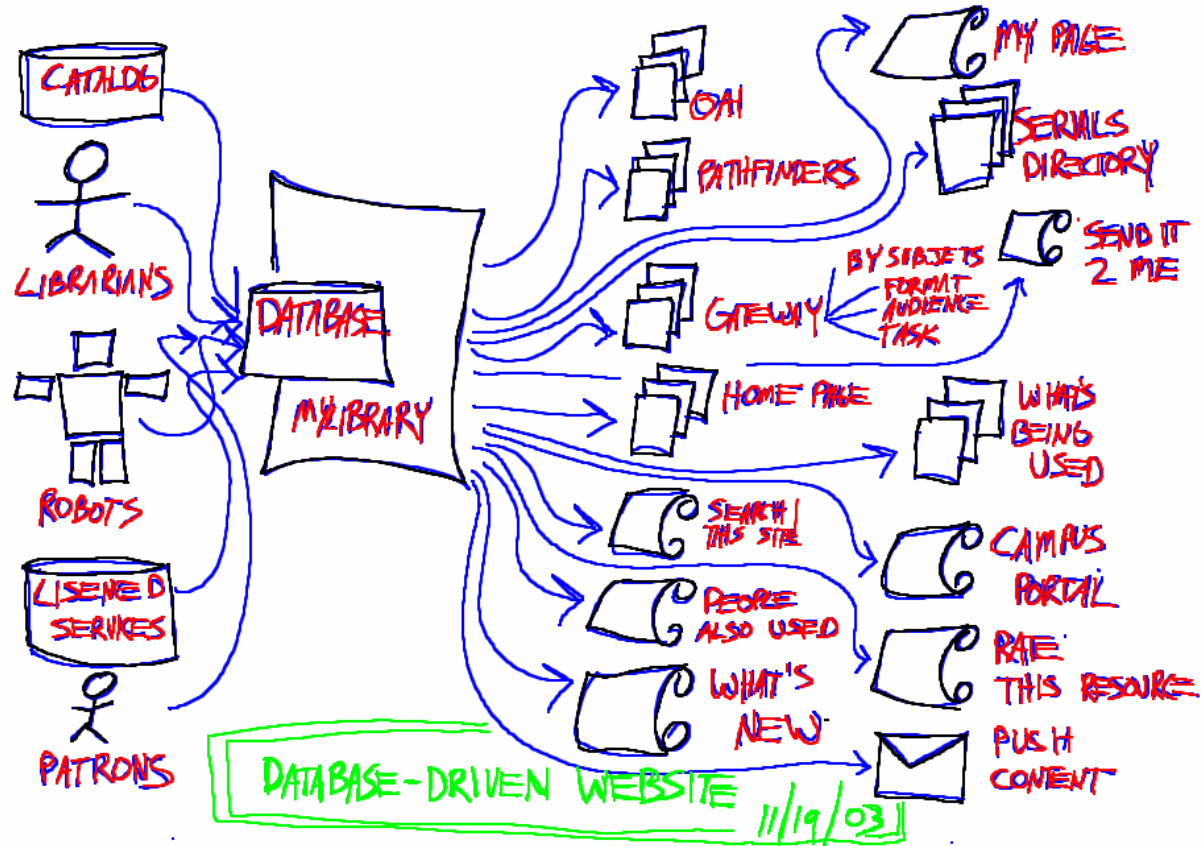
# Full Text/Image Library



# A “Knowledge Manager”



# Database-driven Website





# The End

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<http://infopeople.org/WS/workshop/Workshop/157/>

<http://infomotions.com/musings/ossnlibraries-workshop/>