Conceptual proposal for an alternative interface to the SFX AZ Books

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HOW FAST TECHNOLOGY CHANGES?
Robert Darnton said: “…the pace of change seems breathtaking: from writing to the codex, 4,300 years; from the codex to movable type, 1,150 years; from movable type to the Internet, 524 years; from the Internet to search engines, nineteen years; from search engines to Google’s algorithmic relevance ranking, seven years; and who knows what is just around the corner or coming out the pipeline?”

DARNTON, Robert.
The Case for Books: Past, Present, and Future:
256 pages.
Why are there e-books?
Once upon a time, a long time ago...
1) At the beginning of the times, caveman started having ideas, see events, perform feats.
2) These ideas occupied his head and soon became knowledge, able to change his life, and found that it was important to disseminate it to others.
3) Without knowing the best way to do it, he began to transmit it orally.
4) But over the time, the knowledge was fading in the memory, and disappearing, got lost.
5) Then someone had the idea to start registering it on cave walls, so others could see what he thought in the years that followed.
6) Many people came from far away to enjoy his work, and got amazed with the ideas that he shared.
7) Then someone had the idea of removing a piece of the wall to transport it...
8) And so was created the first book.
9) But it was not easy to take the knowledge from one side to the other... Stone has always been a very heavy and weak support.
10) Then man tried other support: from the stalk of reed, the Egyptians created the papyrus, which was released, "liberated" from the plant (in latin *libere*) resulting in the word LIBRO/LIVRO. From the same concept arose the word BOOK, from “block of wood”.

11) The people of ancient Egypt then decided to keep all papyri in a large building. Thus arose the Library, and the most modern technology to organize and disseminate knowledge: We, librarians.
12) Also from the skin of the sheep, the Greeks created the parchment. Its pages, sewn and protected by a cover made of wood originated the *codex*, which was very popular in Rome.
13) At the same time, the first booksellers emerged, in Ancient Rome. Romans saw that selling books was a lucrative business.
14) The business prospered, but it was a dark time... for the poor sheeps, and they didn’t liked it.
15) Some time after, a group of Arabs decided to make a journey to find a substitute for the skin of the sheep. They traveled to a distant land, where a man offered to them a substitute material, with guaranteed delivery on any continent at reduced prices (Made in China).
16) Thus was born the PAPER! Much lighter and able to keep knowledge recorded for years.
17) In essence, the PAPER is the most durable knowledge vehicle ever invented.
18) From this time on, knowledge began to be spread, but the process of handwritten meant that its production was very slow.
19) There was a group of monks who tried to help, but there were few monks, and much work.
20) Then a man, seeing that his coffee cup spotted a piece of paper, had the idea to paint letters made of metal and press them against the paper to print texts. So Gutenberg invented the press.
21) Diffusion of knowledge grew quickly and distributors of books appeared!
22) Authors now were able to reach more people! Many began to copy the books, but then came the lawyer and created the copyright!
23) Many years have passed, the press has improved its methods and each time more man can share knowledge, with our help to categorize, describe, index and give access to all kind of books.
24) We also realized that we could not continue using paper cards to describe this huge amount of books that appeared.
25) But with the invention of the computer we realized that we could adopt it to control the acquisition, description and circulation of the books. And then Ex Libris created the Aleph!
The production of printed books was growing, but one day one of the printers broke and someone had the idea to save the file with the layout of the full text in a machine-readable format for delivering it to the reader. Thus was born the electronic book!
27) With the creation of the Internet, files of books began to be spread from one continent to another. Thousands of new publishers and distributors have emerged. But started getting hard to know how to find the full text of a book that was described in a catalog.
28) Then Ex Libris has bought a powerful technology, able to connect a catalog record to a full text, instantly. Thus was born the SFX. With a broad and growing knowledge base held by a prestigious team and supported by groups of users with various services able to "watch" all requests and link user to the desired knowledge.
AND HERE WE ARE.
THERE ARE A LOT OF E-BOOKS AVAILABLE FOR OUR USERS.
DISTINCT: BOOK, DOCUMENT, MANUSCRIPT, CD, DISSERTATION, PROCEEDING, REPORT
ONLY OBJECTS WITH ISBN: 1,141,242

SOME NUMBERS OF SFX KNOWLEDGE BASE (KB), ON SEPTEMBER 04TH, 2013.
Books

*Accumulated and recognized information*, concepts, conclusions, teaching methods, useful for both new discoveries as *to solidify knowledge*.

Periodicals

*Immediate results*, from new and original research.

Books are present in the nature of educational goals.

Books are essential for the acquisition and development of *learning* at all levels of the cognitive process.

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BOOKS ARE IMPORTANT...
Loretto and the Library

http://www.youtube.com/watch?v=tfsfaVHjxZM

...BUT LETS HEAR WHAT LORETTO CASAROTI, A 3 YEARS OLD BRAZILIAN BOY THINKS ABOUT BOOKS.
THAT IS THE CURRENT INTERFACE OF AZ-BOOKS FOR WEB.
THAT IS THE CURRENT INTERFACE OF AZ-BOOKS FOR WEB.
AND THAT IS THE CURRENT INTERFACE OF AZ-BOOKS FOR IPAD.
AND THAT IS THE CURRENT INTERFACE OF AZ-BOOKS FOR IPAD.
THERE ARE MANY TOOLS TO FIND E-BOOKS, SOME COMERCIAL AND SOME ACADEMIC.
There are many tools to find e-books, some commercial and some academic.
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Collect
Organize
Index
Give Access

OUR WORK IN LIBRARIES IS BASICALLY COLLECT, ORGANIZE, INDEX AND PROVIDE ACCESS, DOES NOT MATTER WHAT IS THE SUPPORT IN WHICH INFORMATION IS STORED.
NOW I WILL TELL YOU ABOUT THE PROPOSED SOFTWARE MODEL. THESE ARE SOME STEPS NEEDED TO ORGANIZE AND MAKE AVAILABLE E-BOOKS USING THIS MODEL.
IGELU WORKING GROUPS ACT ON: QUALITY OF METADATA, VENDOR RELATIONS, KNOWLEDGE BASE ENHANCEMENTS, SOFTWARE ENHANCEMENTS, LINKED OPEN DATA, COMMUNICATION.
SOME PROVIDERS OF DATA TO ENRICH BIBLIOGRAPHIC RECORDS.
USER INTERFACE AND FUNCTIONS AVAILABLE: FIND, BROWSE, SELECT, ADD TO FAVORITES...
MULTILINGUAL INTERFACE: EXAMPLE USING GERMAN LANGUAGE.
OPTIONS TO BROWSE E-BOOKS BY AUTHOR, TITLE, CATEGORIES, LANGUAGES, COLLECTION.
LISTS OF E-BOOKS: RECENTLY ADDED, RECOMMENDED TITLES.
SORT RESULTS BY RELEVANCE, PUBLICATION YEAR, DATE ADDED, TITLE, AUTHOR, LANGUAGE.
INTERFACE WILL ALLOW USERS TO CUSTOMIZE LOOK AND FEEL LIKE COLOR, FONT SIZE, THEME...
THIS IS THE INTERFACE IN ENGLISH.
THIS IS THE LIST OF RECENTLY ADDED E-BOOKS
WILL BE AVAILABLE OPTIONS TO FILTER THE RESULTS BY FACETS:
- PUBLICATION YEAR, AUTHOR, LANGUAGE, SUBJECT, COLLECTION.
AND ALSO OPTIONS TO SHARE AND SOCIALIZE RESULTS.
USER WILL BE ABLE ALSO TO BROWSE THE E-BOOK COLLECTION BY CATEGORIES.
USER WILL BE ABLE ALSO TO BROWSE THE E-BOOK COLLECTION BY LANGUAGES.
USER WILL CAN FIND E-BOOKS USING NATIVE LANGUAGE. FOR EXAMPLE: BY TYPING *BIBLIOTHEKAR* (IN GERMAN), HE WILL FIND ALL E-BOOKS WITH “LIBRARIAN” EXPRESSION, IN ALL LANGUAGES.
RESULT LIST WILL PRESENT TITLES IN ALL LANGUAGES:
- ENGLISH, FRENCH, GERMAN, PORTUGUESE...
AFTER FILTERING, RESULT LIST WILL PRESENT TITLES ONLY IN THE SELECTED LANGUAGE. IN THIS CASE, IN ENGLISH.
The Accidental Librarian
Written by Pamela H. MacKellar

*An American librarian who has worked in a wide range of situations over the past quarter century, MacKellar offers a guide for people who find themselves working as a librarian but have had no training in the field. Among her topics are what libraries and librarians are, developing a collection, retrieving and disseminating information, management essentials, removing barriers, public access computers, and librarian certification."

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**The Accidental Librarian**

Written by Pamela H. MacKellar


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SUBJECTS OF THE E-BOOK.
The Accidental Librarian

Written by Pamela H. MacKellar


Summary

Not every staff librarian set out to become a librarian or has the advantage of specific library training. Many a librarian must figure out how to stay abreast of the rapid technological advances in the realm of library science. Then there all the volunteers who find themselves (often because of community library budget cuts in these hard economic times) having to perform duties once reserved for professionally trained library staff members. That’s why Pamela MacKellar’s “The Accidental Librarian” is such a valuable informed and informative instructional guide and introduction to library principles, practices, and tools. Replete throughout with illustrative examples, practical tips, and useful exercises, “The Accidental Librarian” is an invaluable and highly recommended read for any library professional or volunteer seeking to improve their ability to serve their patrons.

Review provided by By Midwest Book Review for Amazon.com
Pamela H. MacKellar is an author, teacher, speaker and library consultant who was a librarian for over 30 years. She has held positions as a newspaper librarian, library director, assistant librarian, health sciences librarian, cataloger, technology consultant and independent consultant in libraries of all kinds including special, school, public, post-secondary, tribal, prison and state library agency.
WHEN USER CLICKS ON “ACCESS IT NOW”, SFX MENU WILL BE PRESENTED, INDICATING ALL AVAILABLE E-BOOKS PLATFORMS FOR THE SELECTED E-BOOK.
Chapter 1

What Is a Librarian?

In his book *Our Enduring Values: Librarianship in the 21st Century*, Michael Gorman defines a librarian as a person who earns a master's-level education at an accredited school and receives on-the-job training, as well as carries out one or more of the following tasks:

- Selects materials and electronic resources
- Acquires the selected materials and resources
- Organizes and gives access to them
- Preserves and conserves them
- Assists library users
- Instructs library users
- Administers and manages the library, library personnel, services, and programs

Many librarians, though, perform these duties with neither a master's-level education in library and information science (LIS) nor school library media specialist credentials. Some of these non-degreed and noncredentialed librarians are even certified by their states as librarians or library directors. Aren't they librarians?

Why We Become Librarians

Why do we choose librarianship? Some people know they want to become librarians from a young age. They were read to as toddlers, attended library story hours, learned to love reading and...
MANAGEMENT INTERFACE WILL BE AVAILABLE FOR STAFF, TO PERFORM THE REQUIRED SETUPS AND CONTROL THE EXECUTION OF ALL BACKGROUND PROCESSES.
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