

IGeLU 2013 FU-Berlin, Germany 10th September 2013 Ex Libris SFX, version 4

Conceptual proposal for an

### alternative interface

to the

### **SFX AZ Books**



by Michelângelo Mazzardo Marques Viana

Systems Librarian CRB-10/1306

Pontifical Catholic Univ. of Rio Grande do Sul - Brazil

mviana@pucrs.br

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Writing Codex Movable type Internet Tools

Tools

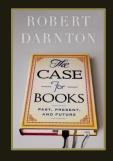
Tools

Google's algorithmic relevance

ranking

7 years

19 years



**DARNTON**, Robert.

**The Case for Books:** Past, Present, and Future:

New York: Public Affairs, 2009.

256 pages.

4,300 years

#### **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?"

1,150 years

524 years

# Why there are 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.



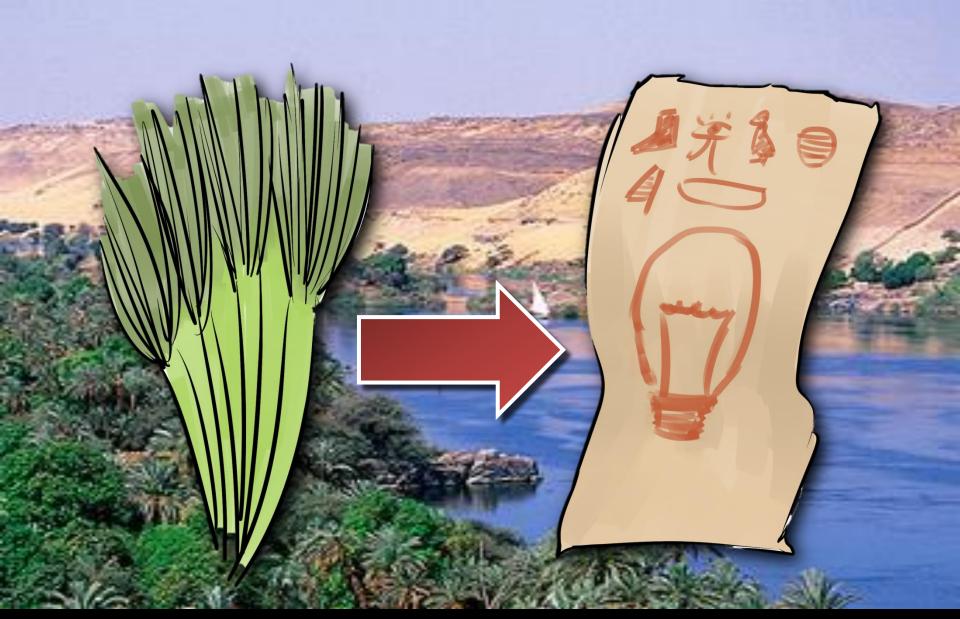
7) Then someone had the idea of removing a piece of the wall to transport it...



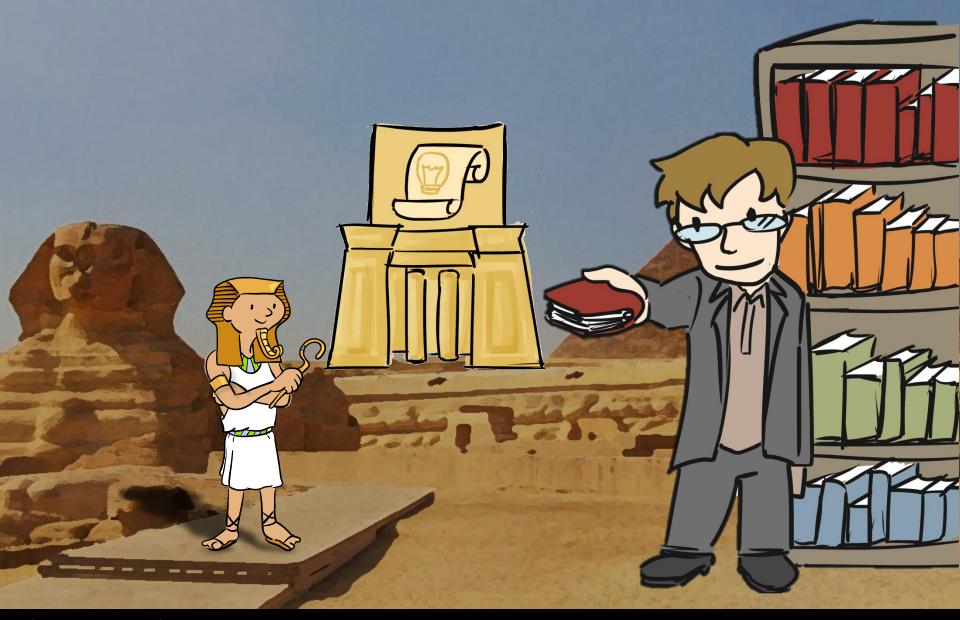
8) And so was created the first book.



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.



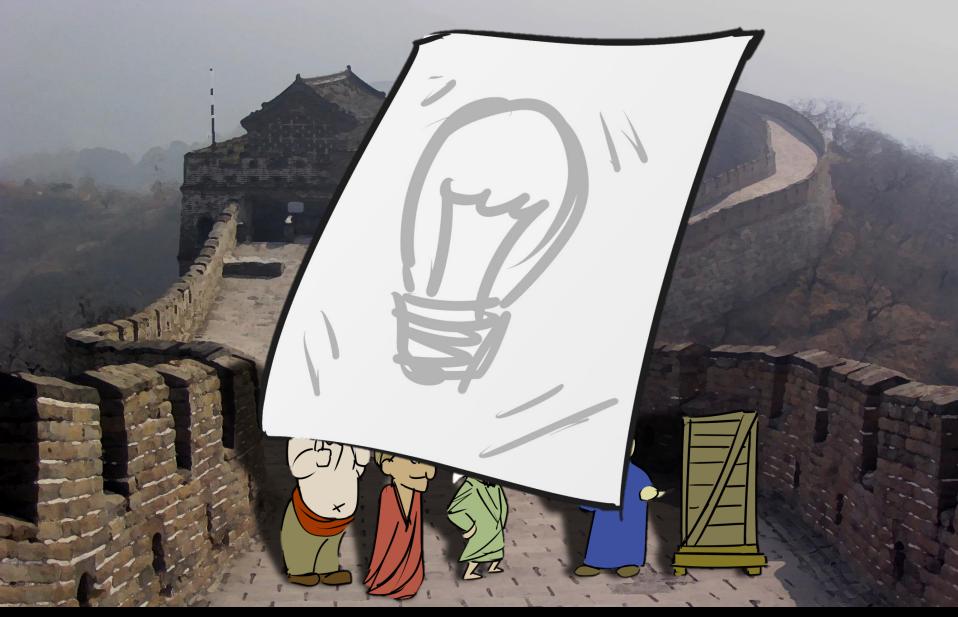
12) Also from the skin of the sheep, the Greeks created the parchment. Its pages, sewn and protected by a cover made of wood originated the *codex*, which was very popular in Rome.



- 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 did'nt liked it.



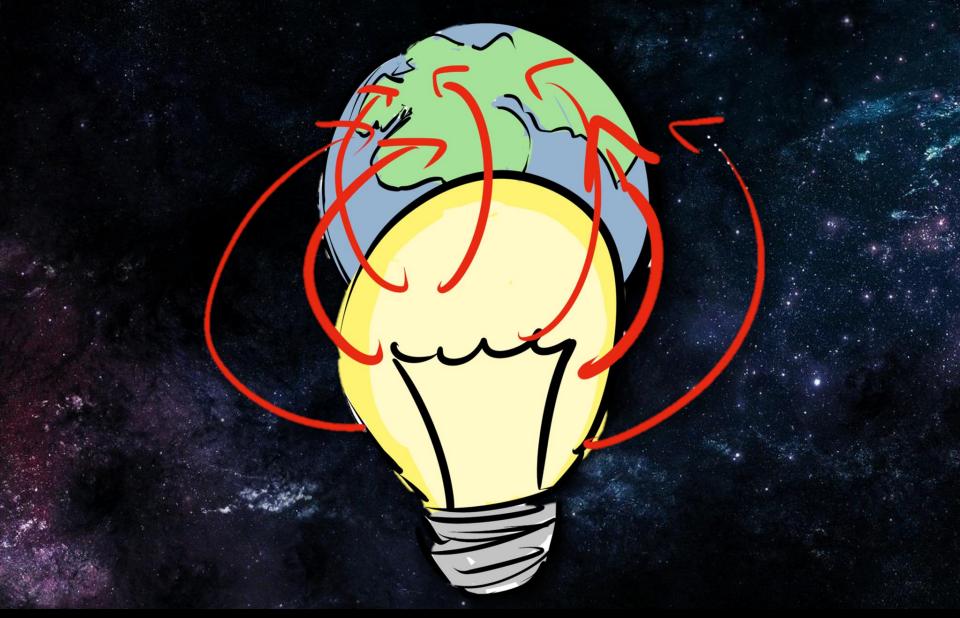
15) Some time after, a group of Arabs decided to make a journey to find a substitute for the skin of the sheep. They traveled to a distant land, where a man offered to them a substitute material, with guaranteed delivery on any continent at reduced prices (Made in China).



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.



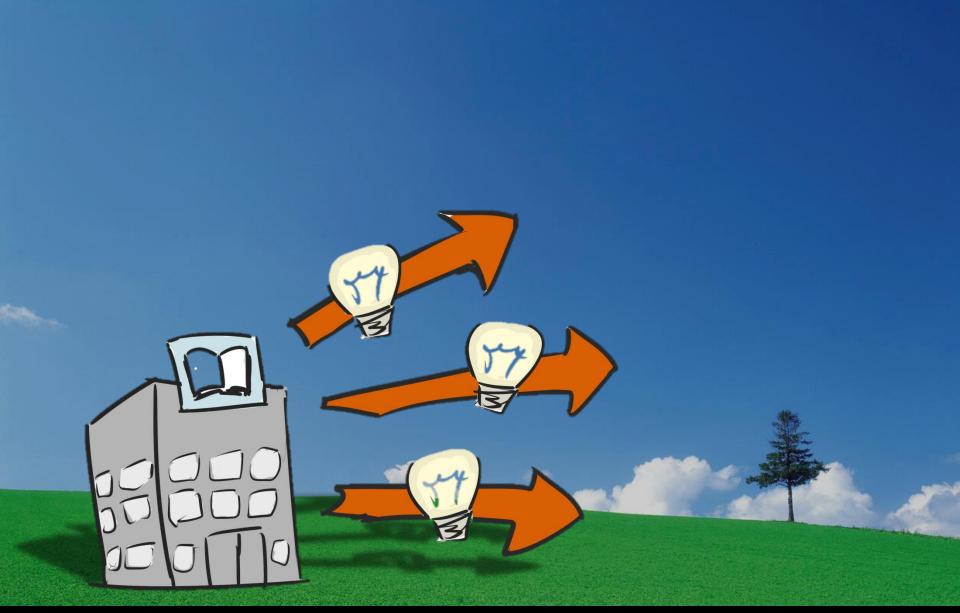
18) From this time on, knowledge began to be spread, but the process of handwritten meant that its production was very slow.



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.



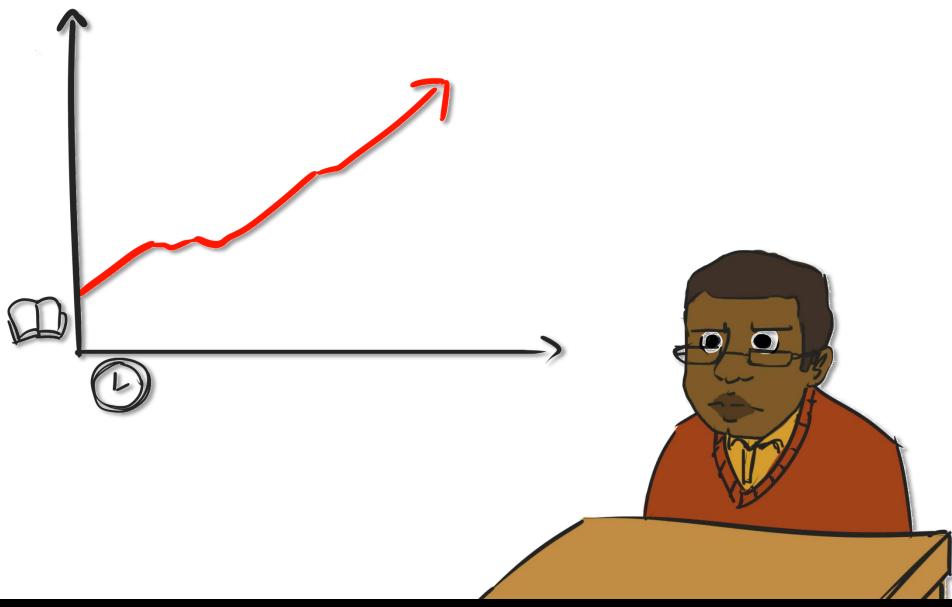
21) Diffusion of knowledge grew quickly and distributors of books appeared!



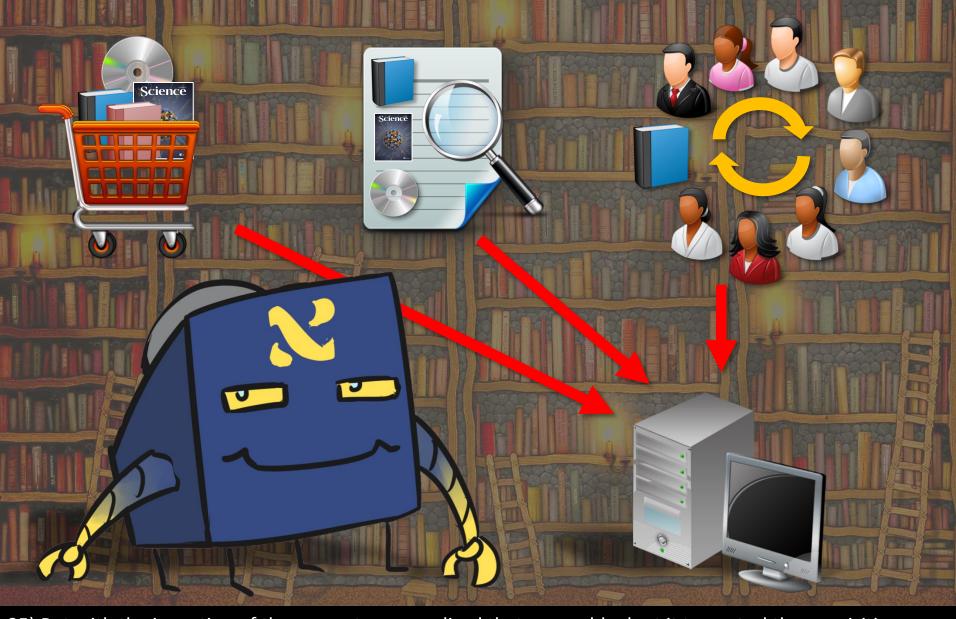
22) Authors now were able to reach more people! Many began to copy the books, but then came the lawyer and created the copyright!



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.

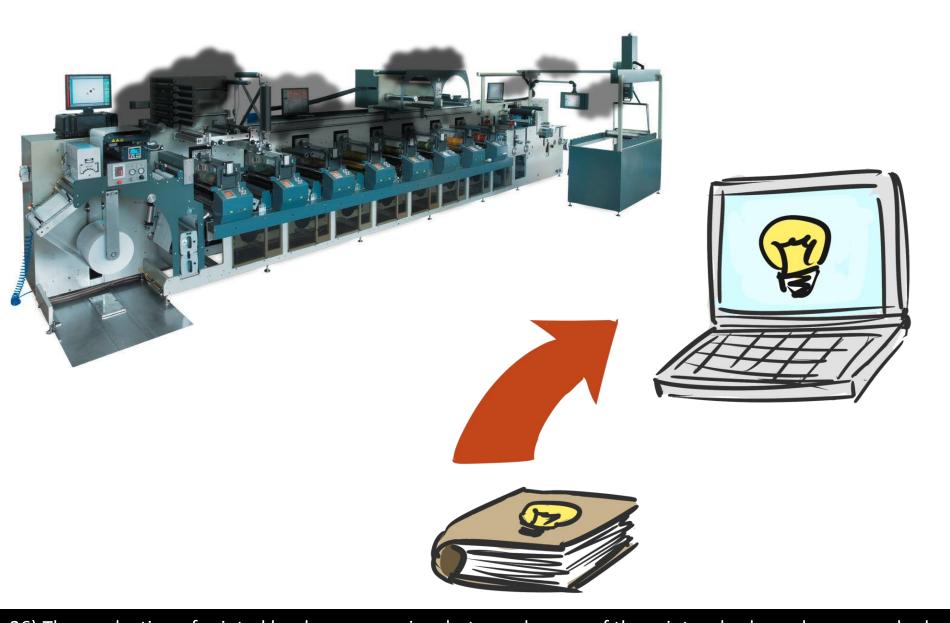


24) We also realized that we could not continue using paper cards to describe this huge amount of books that appeared.



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!



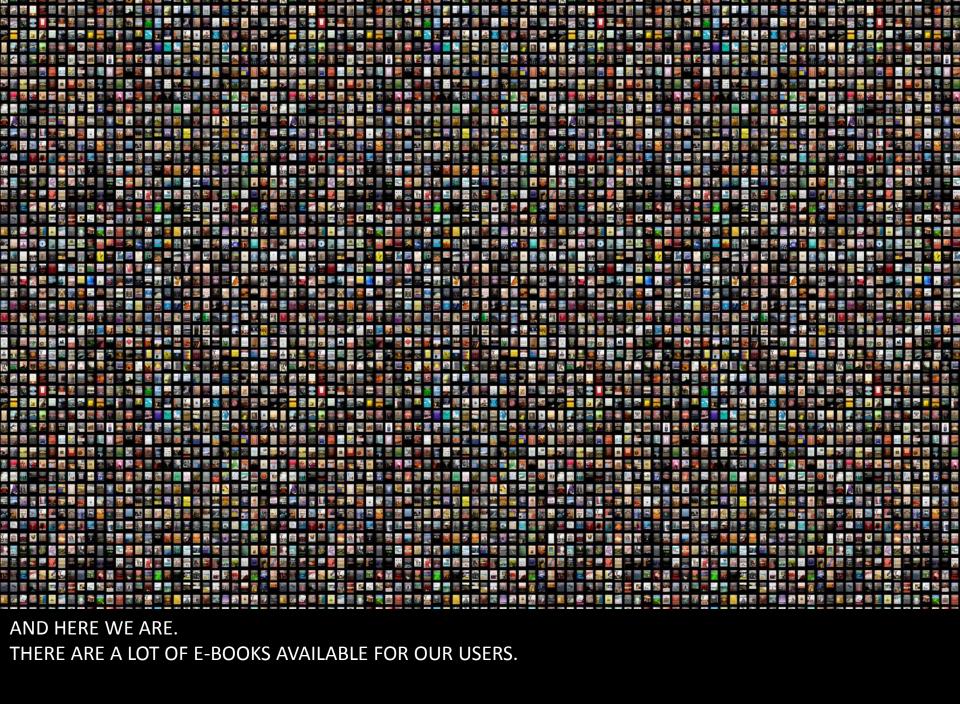
26) The production of printed books was growing, but one day one of the printers broke and someone had the idea to save the file with the layout of the full text in a machine-readable format for delivering it to the reader. Thus was born the electronic book!

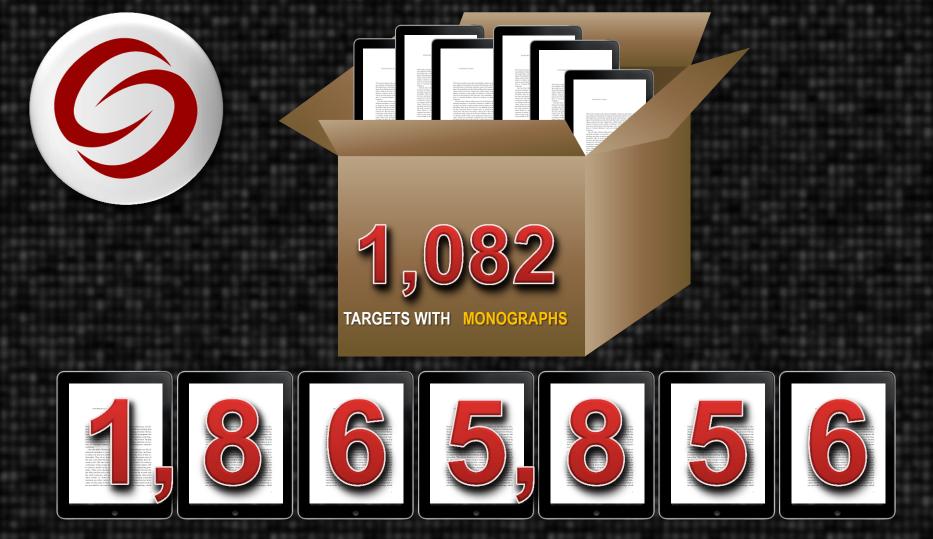


27) With the creation of the Internet, files of books began to be spread from one continent to another. Thousands of new publishers and distributors have emerged. But started getting hard to know how to find the full text of a book that was described in a catalog.



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.





DISTINCT: BOOK, DOCUMENT, MANUSCRIPT, CD, DISSERTATION, PROCEEDING, REPORT ONLY OBJECTS WITH ISBN: 1,141,242

SOME NUMBERS OF SFX KNOWLEDGE BASE (KB), ON SEPTEMBER 04<sup>TH</sup>, 2013.



### **Periodicals**

**Immediate results**, from new and original research.



### **Books**

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



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.

Qual o impacto do uso de livros para pesquisas científicas? Elsevier News América Latina, n. 19, abr. 2013. <a href="http://www.americalatina.elsevier.com/sul/elseviernews/19/pt/4.pdf">http://www.americalatina.elsevier.com/sul/elseviernews/19/pt/4.pdf</a>

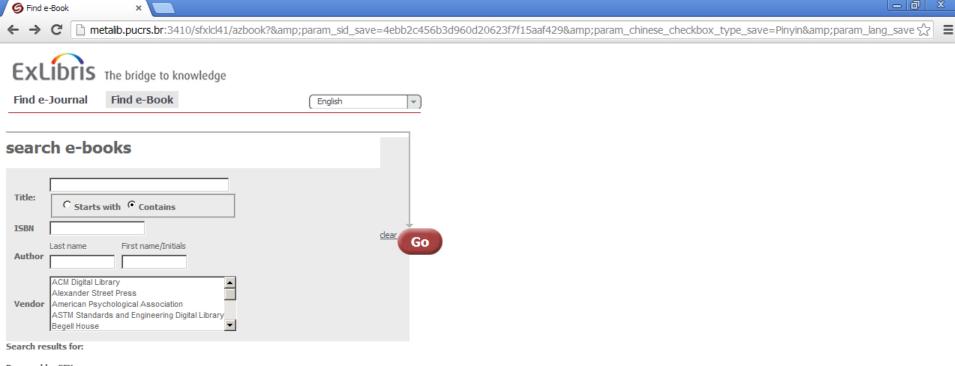
**BOOKS ARE IMPORTANT...** 

## Loretto and the Library

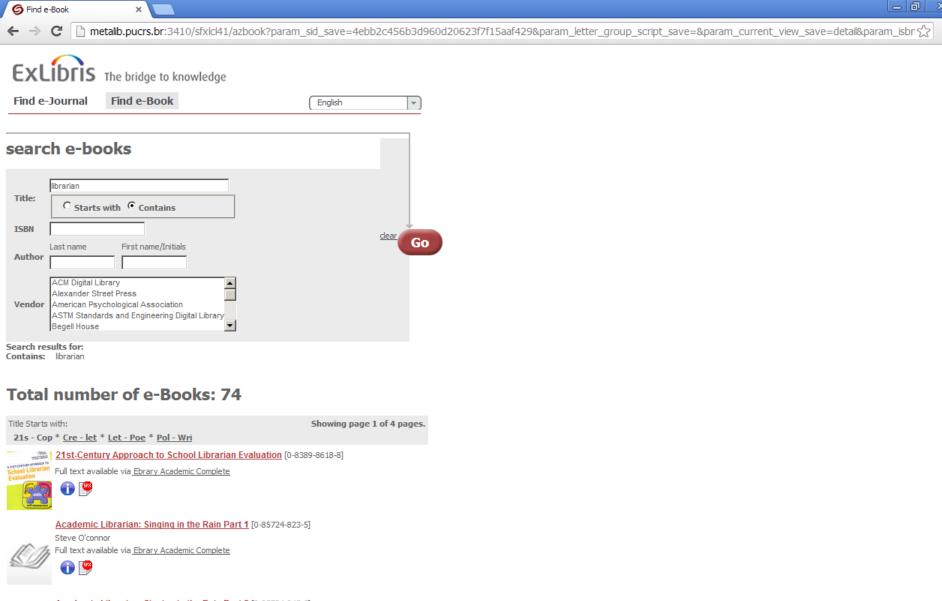
http://www.youtube.com/watch?v=tfsfaVHjxZM



...BUT LETS HEAR WHAT LORETTO CASAROTI, A 3 YEARS OLD BRAZILIAN BOY THINKS ABOUT BOOKS.

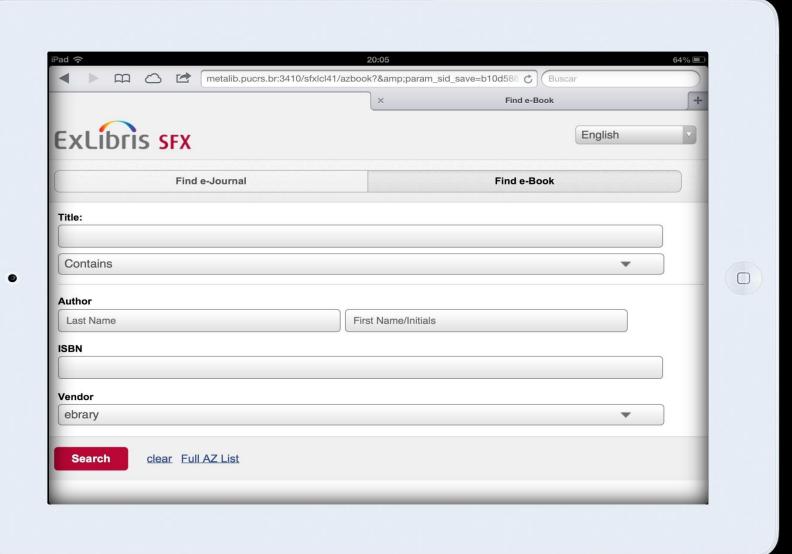


Powered by SFX



Academic Librarian: Singing in the Rain Part 2 [0-85724-845-6]

THAT IS THE CURRENT INTERFACE OF AZ-BOOKS FOR WEB.



AND THAT IS THE CURRENT INTERFACE OF AZ-BOOKS FOR IPAD.

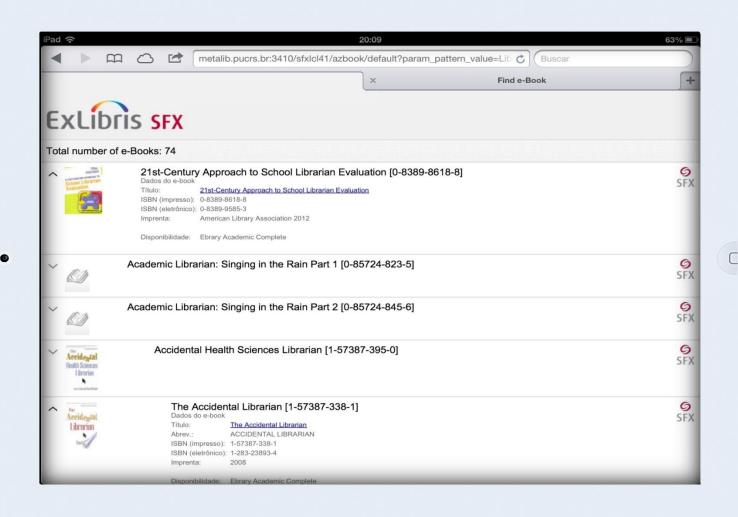
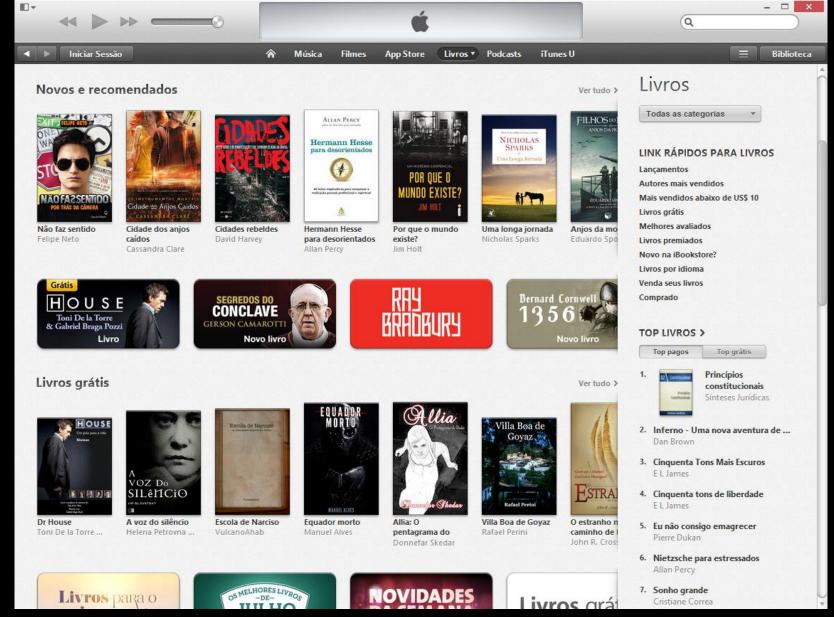
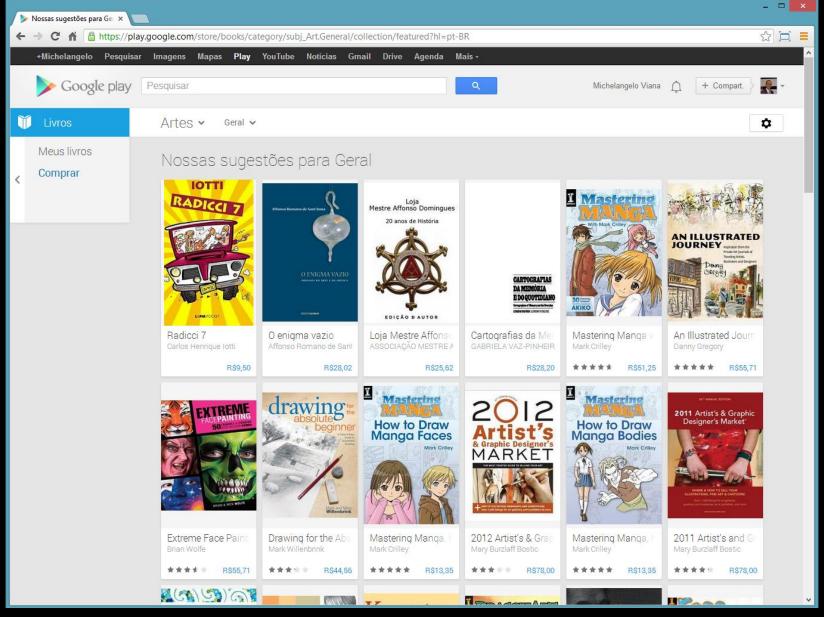


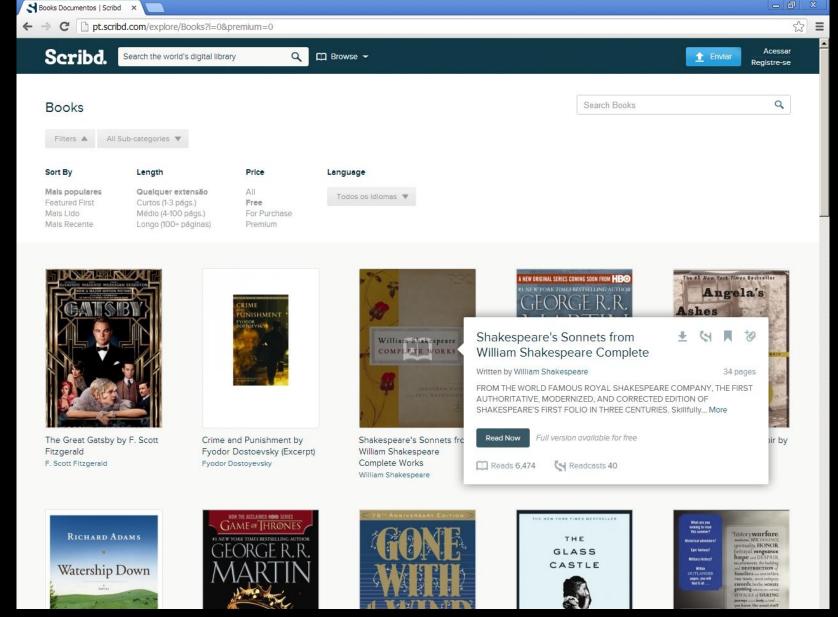


Image from www.universitybusiness.com





THERE ARE MANY TOOLS TO FIND E-BOOKS, SOME COMERCIAL AND SOME ACADEMIC.

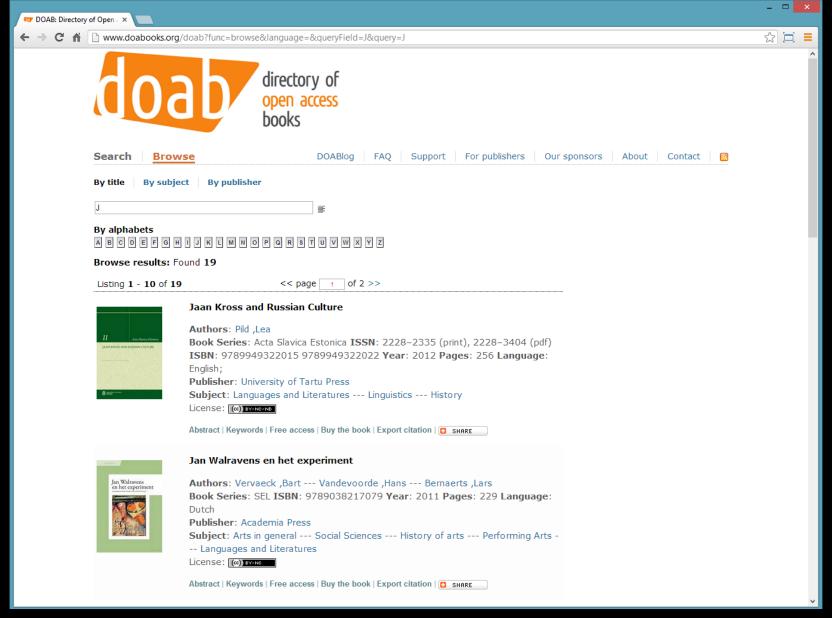


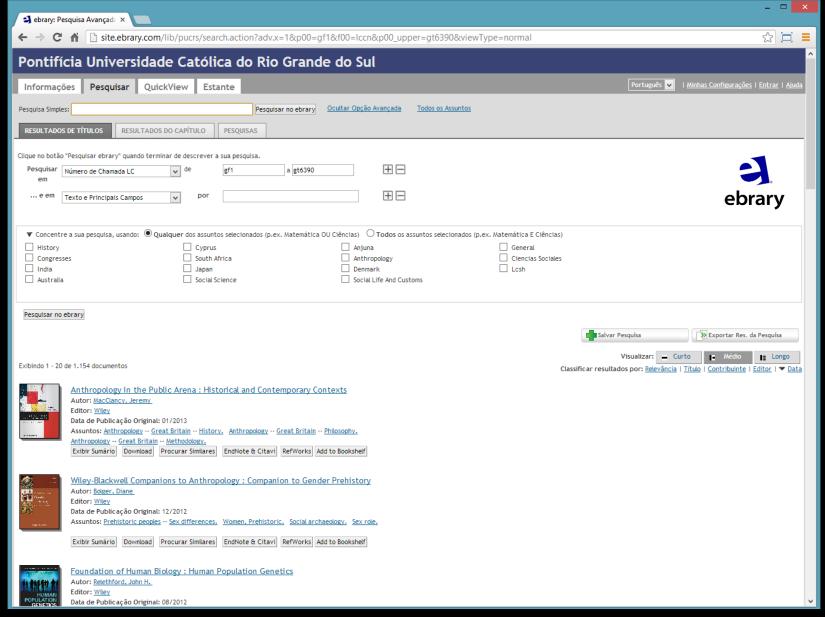
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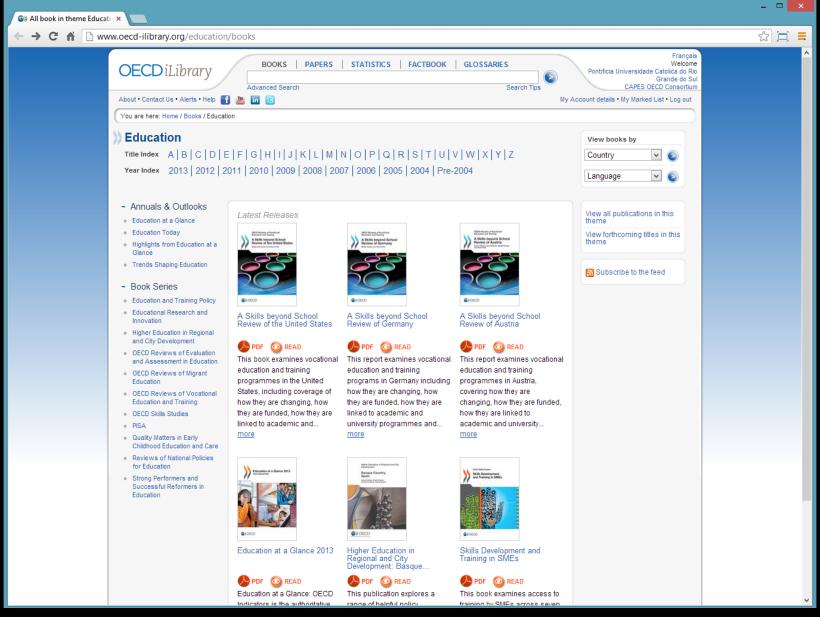




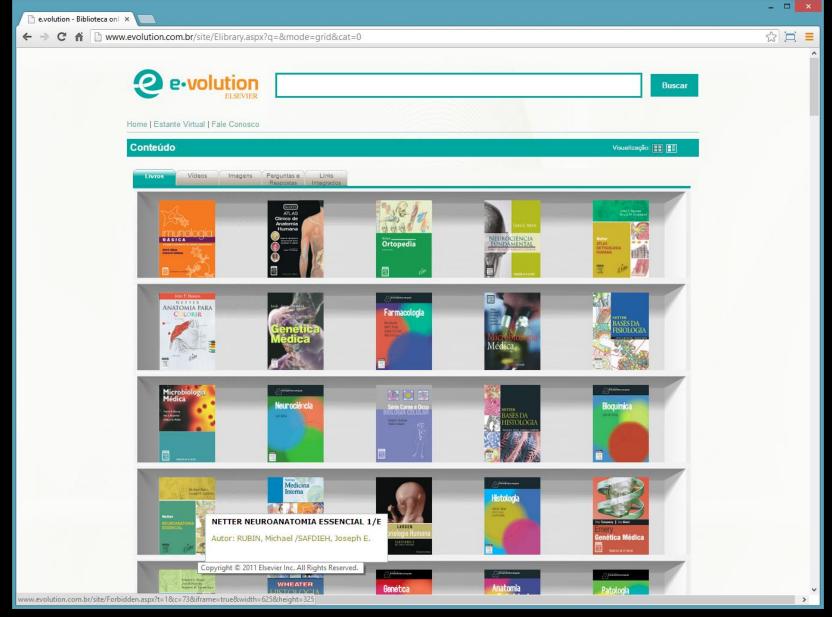
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## Collect Organize

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.



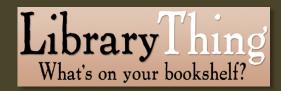
THESE ARE SOME STEPS NEEDED TO ORGANIZE AND MAKE AVAILABLE E-BOOKS USING THIS MODEL.



IGELU WORKING GROUPS ACT ON: QUALITY OF METADATA, VENDOR RELATIONS, KNOWLEDGE BASE ENHANCEMENTS, SOFWARE ENHANCEMENTS, LINKED OPEN DATA, COMMUNICATION.









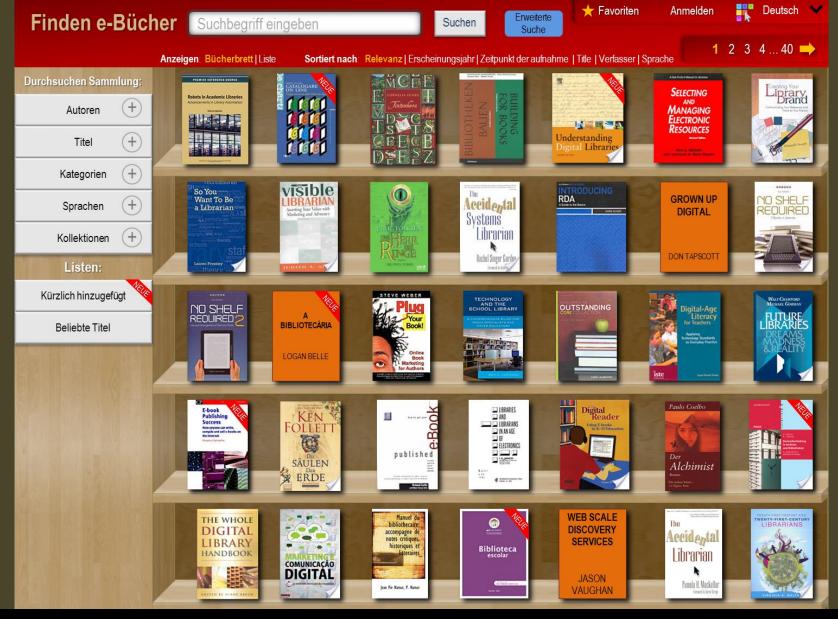








SOME PROVIDERS OF DATA TO ENRICH BIBLIOGRAPHIC RECORDS.



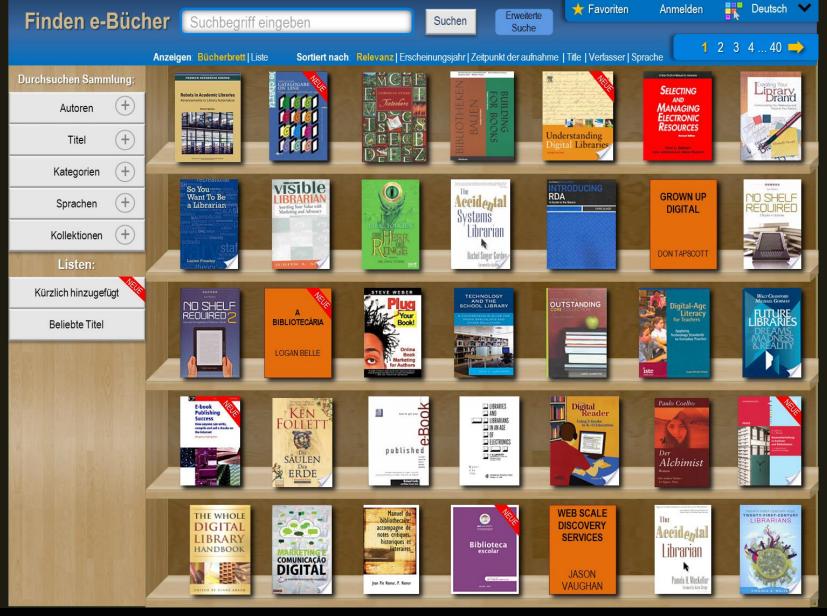
USER INTERFACE AND FUNCTIONS AVAILABLE: FIND, BROWSE, SELECT, ADD TO FAVORITES...
MUTILINGUAL INTERFACE: EXAMPLE USING GERMAN LANGUAGE.

OPTIONS TO PROVISE E POUSSE PLANTILE OFFICE DE CATEGORIES

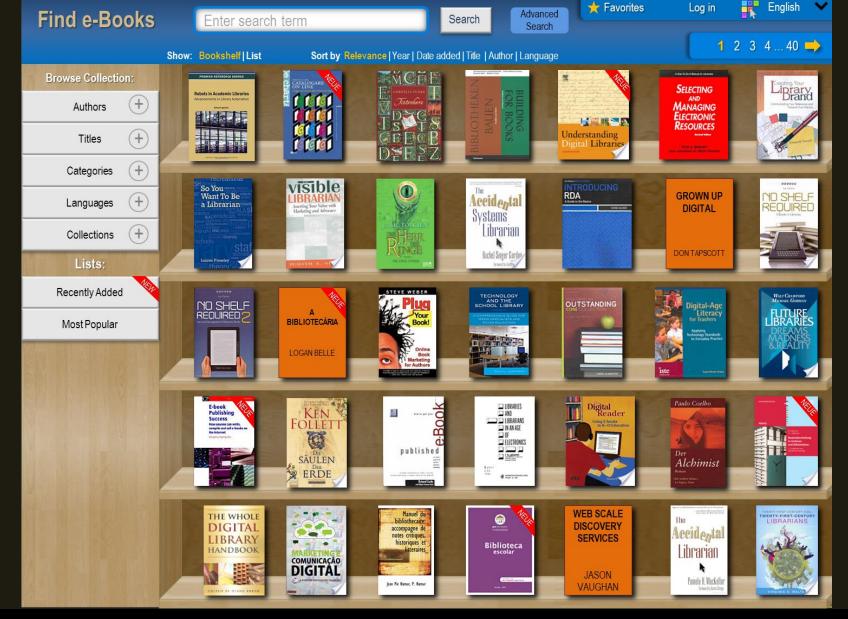
OPTIONS TO BROWSE E-BOOKS BY AUTHOR, TITLE, CATEGORIES, LANGUAGES, COLLECTION.

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...



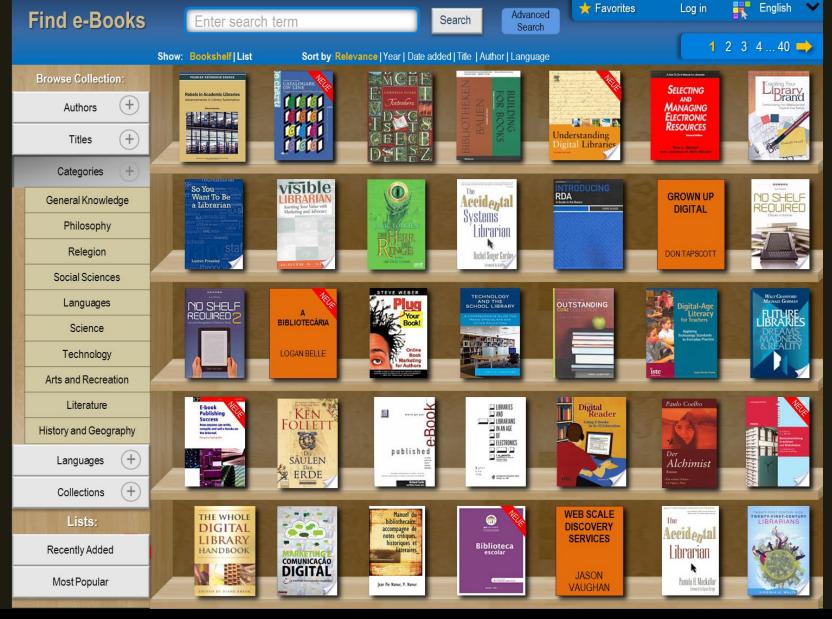


THIS IS THE LIST OF RECENTLY ADDED E-BOOKS

WILL BE AVAILABLE OPTIONS TO FILTER THE RESULTS BY FACETS:

- PUBLICATION YEAR, AUTHOR, LANGUAGE, SUBJECT, COLLECTION.

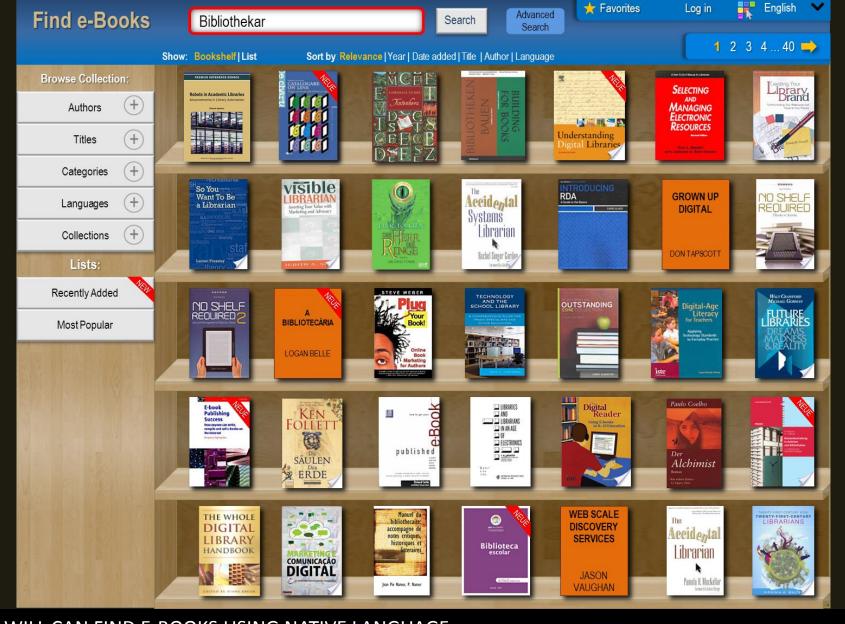
AND ALSO OPTIONS TO SHARE AND SOCIALIZE RESULTS.



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.



HERE USER WILL SEE E-BOOK BASIC DESCRIPTION: COVER, TITLE, AUTHOR, YEAR, ISBN. WILL EXIST TABS TO SEE:

- SUMMARY, TABLE OF CONTENTS, SUBJECTS, REVIEWS, AUTHOR'S BIOGRAPHY, PROVIDED BY PRE/POST ENRICHMENT SERVICES.
- AVAILABILITY OF APPS IN WHICH THE SELECTED BOOK CAN BE READ, IF VENDOR PROVIDES THEM.
- INFORMATION ABOUT FORMATS IN WHICH THE SELECTED TITLE IS AVAILABLE: EPUB, PDF, HTML.
- OPTIONS TO SAVE E-BOOK RECORD, ADD NOTES, SHARE, SOCIALIZE, FIND RELATED BOOKS: SAME MAIN TITLE, "WHO READ THIS ALSO READ THOSE...", BOOKS WITH SAME SUBJECTS (TWO OR MORE IN COMMON), FIND RELATED READERS: TO CREATE A VIRTUAL "BOOK READING CLUB".
- SOME STATISTICS: NUMBER OF ACCESSES, NUMBER OF LIKES IN FACEBOOK.

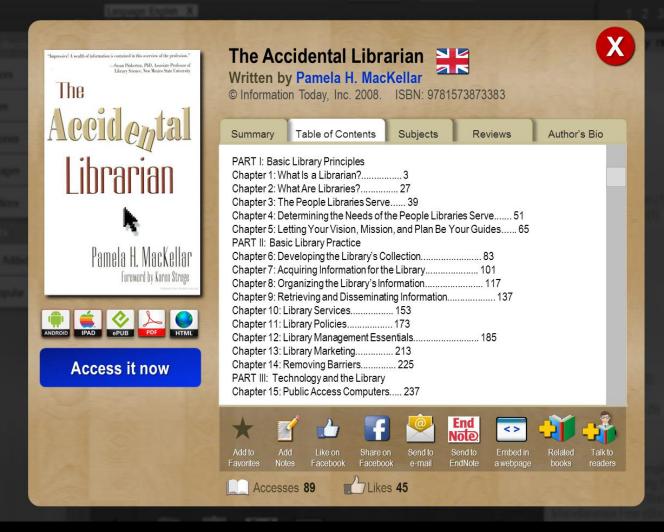
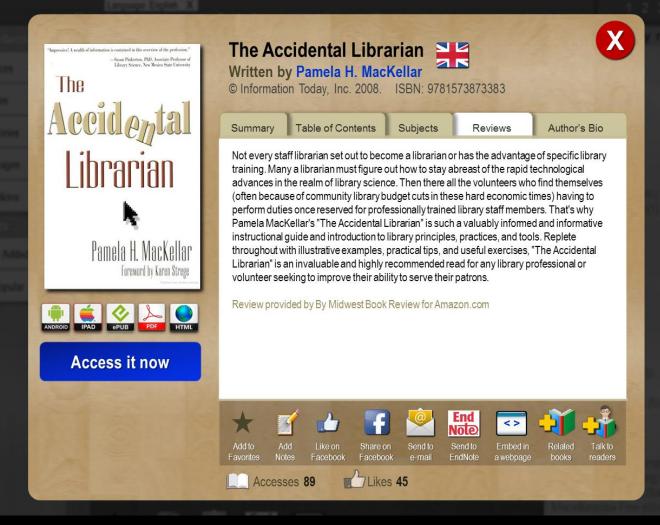


TABLE OF CONTENTS, FROM CHOSEN PROVIDER.

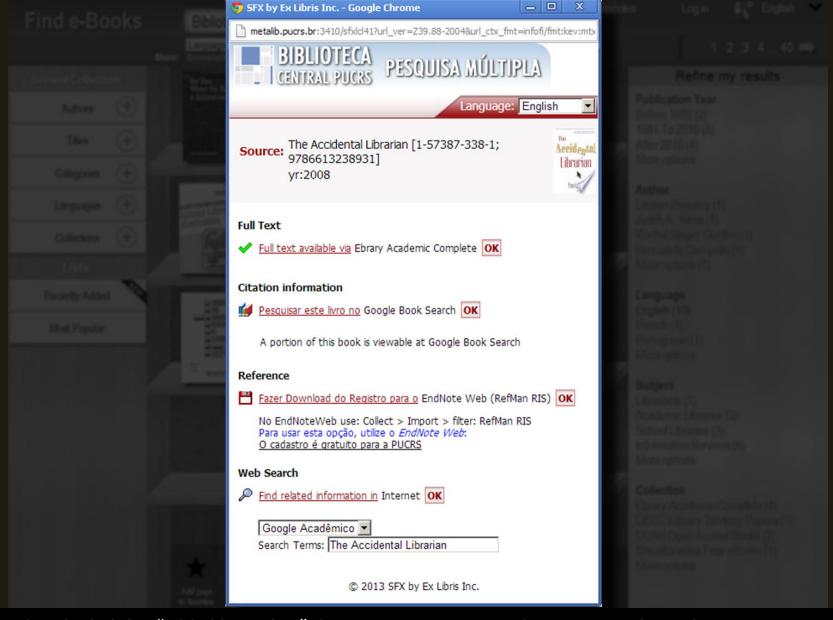


SUBJECTS OF THE E-BOOK.

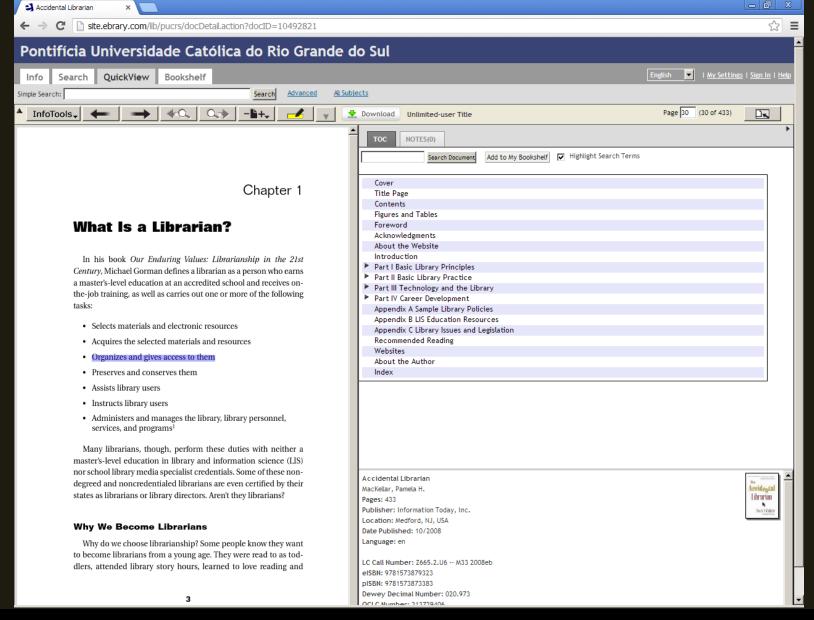




**AUTHOR'S BIOGRAPHY.** 



WHEN USER CLICKS ON "ACCESS IT NOW", SFX MENU WILL BE PRESENTED, INDICATING ALL AVAILABLE E-BOOKS PLATFORMS FOR THE SELECTED E-BOOK.



THEN USER WILL ACCESS THE VENDOR PLATFORM AND READ THE BOOK. THIS IS THE "ACCIDENTAL LIBRARIAN" IN EBRARY PLATFORM.

## Find e-Books BACK OFFICE



























MANAGEMENT INTERFACE WILL BE AVAILABLE FOR STAFF, TO PERFORM THE REQUIRED SETUPS AND CONTROL THE EXECUTION OF ALL BACKGROUND PROCESSES.

## Thank You!

**Drawings** 

by CIRO MOTA (2013) @ O O O O

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**Subject icons** 

From "Dewey Decimal System Poster"

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http://www.flickr.com/photos/appletonmaggie/5907672591

Loretto e a Biblioteca: "Eu amo livros velhos"

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

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**Presentation** 

Michelângelo Viana (Sept. 2013)

