

Technology in Libraries: A Look Back at the Last Twenty Five Years

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Who Am I?



- Originally from Montreal, Canada
- Academic Librarian at the College of Staten Island, CUNY
- Part-time Instructor at ASA College in Brooklyn
- Worked in libraries in all capacities since 1988
- Loves organizing information, research, & helping people “find stuff”.
- Developing web sites since 1995 (as a hobby)

Some Important Milestones 1989-2014

- 1989-World Wide Web was born March 12, 1989
- 1992- First text message (SMS) sent out
- 1993- First “popular” Graphical Browser *Mosaic*
- 1996- Hotmail was introduced as first web-email
- 1997- First blog was written December 17, 1997.
- 1998- Google launches
Sept 4, 1998





Some Important Milestones 2000's



- 2000 Y2K (the world is going to end!)
- 2001- The Patriot Act
- 2001- Wikipedia launches Jan 15, 2001
- 2003- MySpace launches August 2003
- 2004- Facebook launches July 2004
- 2005-The first YouTube video is created Feb 14, 2005
- 2006- Twitter launches March 2006
- 2006- Facebook opens registration for all.
- 2007- First generation iPhone was launched
- 2013- Cell phones celebrate 30 years!



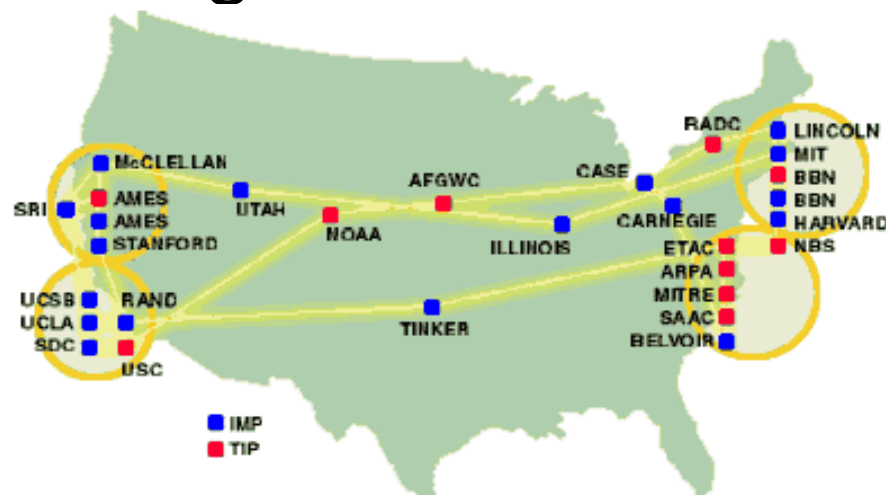
It all started with the Internet

....one of the most powerful communication tools....



Information Superhighway

- Internet started in 1969
- The network was known as **ARPANET**
- The U.S. department of defense needs to communicate with universities and other government agencies.



Power of the Web

- Before there were flyers, brochures, pamphlets, posters.....
- Now we can spread our message to the world with a web site.



Web Sites

- Provides information
- Educate
- Creates online communities
- Creates social spaces
- Provides a “face” for an organization
- Sell products and services
- Provide health information
- Provide local, state, and federal government information



The Online “Face” of the Library

The BPL Web Site (c1997)

**Brooklyn
Public
Library**

*Paula Hutchall
Gavin Brown
Joseph Amato
Neil Simon
Maurice Sendak
Alicia Hall*

Brooklyn's
Authors

► BRANCH LIBRARIES

► LIBRARY CATALOG

► SPECIAL PROGRAMS

► CENTRAL LIBRARY

► ONLINE REFERENCE

► PERIODICAL INDEXES

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From Card Catalogs



And catalog cards...

FICTION

S

Smith, Martin Cruz, 1942-
Havana bay : a novel / Martin Cruz
Smith. -- New York : Random House,
c1999.

xi, 329 p. : maps ; 25 cm.
ISBN 0-679-42662-0

1.Renko, Arkady (Fictitious character)--Fiction. 2.Police--Russia (Federation)--Moscow--Fiction. 3.Havana (Cuba)--Fiction. I.Title.

PS3569.M5377H38 1999


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BD99-078013

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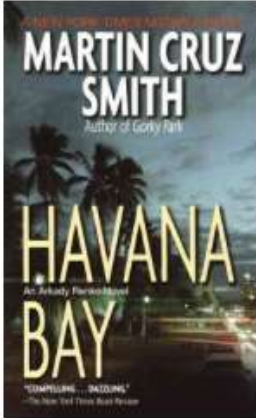
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A Novel


[Smith, Martin Cruz, 1942-](#)
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An Online Library Catalog....

- Allows keyword searching
- Search faster
- Search across many BPL branches.



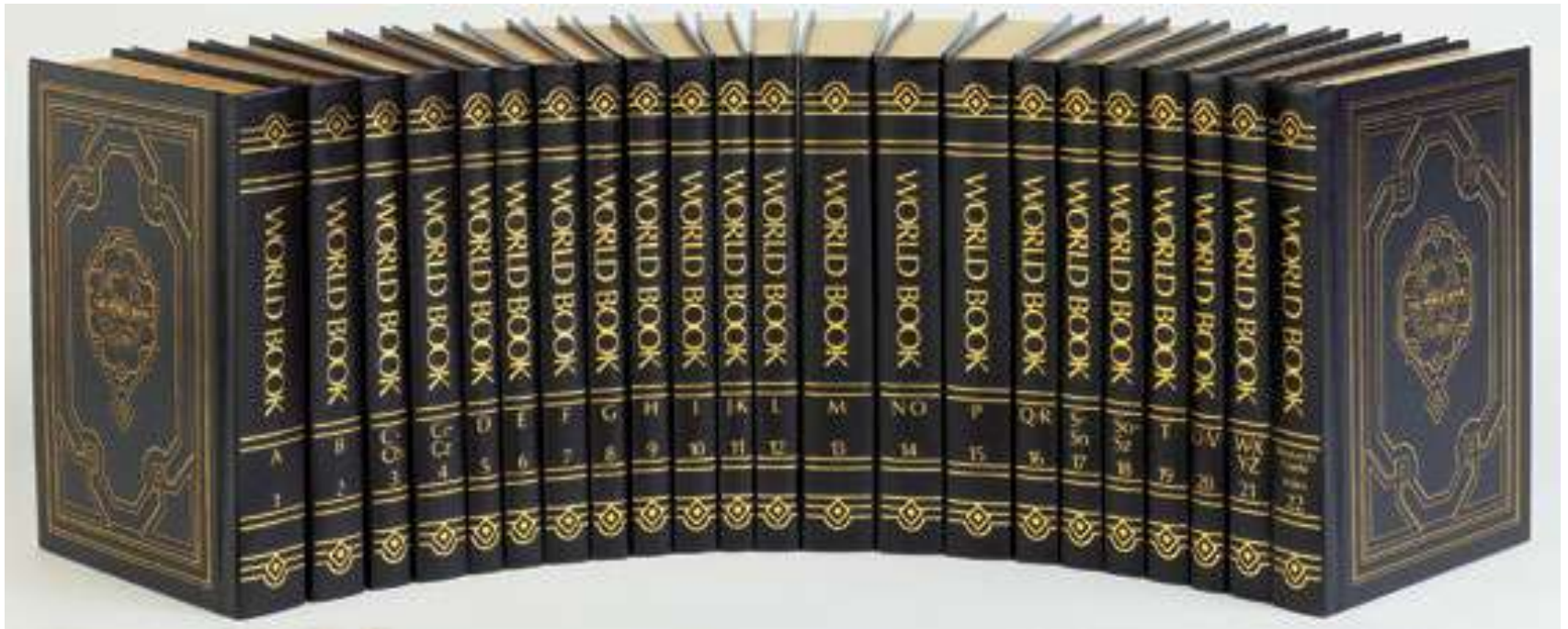
- Saves time
- Email records to yourself.

Online Research

- Research has never been easier
- Finding information is instant
- We never get “0” results



From Encyclopedias



To Google?



history of new york city

Google Search

I'm Feeling Lucky

Benefits of Online Searching

- Anywhere, anytime
- Instant
- Easy
- Access Google on your cell phone
- 24/7
- Lots of results
- One stop searching



"On the Internet, nobody knows you're a dog."



"On the Internet, nobody knows you're a dog."

Libraries Have Evolved Over The Years



Public Library in Stuttgart, Germany



Shanghai University Library- Baoshan Campus



Hangzhou Public Library



Services Change



Originally, Libraries Were The Gatekeepers of Knowledge

- Leisure reading (fiction)
- Research (non fiction)
- Magazines/ Newspapers
- Movies
- Academic Journals
- Study space
- Reading rooms



Now We Provide Access



- Web Site
(24/7 “virtual” branch)
- Books
(print, audio, & online)
- Bookmobile
- Magazines/Newspapers
(print & electronic)
- Computers with Internet
Access
- Software
- E-book devices
- Calculators
- Laptops
- Movies & Music
- Employment Resources
- Classes
- Community Services
- Book talks
- Summer reading programs
- Programs & Events
- Research Help

E-books

- Thousands of titles on one device
- Convenient, light weight, and available from the BPL.



Ask a Librarian

There are so many ways to ask librarians for help!

- Face to face
- Book a Librarian
- Homework help
- Telephone
- Email
- Live chat



Social media

- Libraries “meet” their users on social media
 - Facebook
 - Twitter
 - YouTube
 - Pinterest
 - Instagram



Classes

- There is so much information online, librarians can help you determine its quality.
 - Librarians teach users how to evaluate information
 - Hands on workshops
 - Book talks
 - Reading programs



Final Reflections



As a librarian I have noticed.....

- Many users want “instant” access
- Many users prefer online access
- Many users are self directed
- Many users select the first web sites off a Google search
- Many users need help with the technology more than the content itself
 - Word, PowerPoint, Excel, creating web pages



As a teacher I have noticed....

- Many of my students grew up using Google
- Many students expect everything to be online
- Many copy and paste information into their homework assignments
- Many may not understand “plagiarism”



Conclusions



- Technology has made information more available
- The Library is no longer the *only* place to get information
- Technology has made more people participate in creating information
 - Blogs, Wikipedia, Facebook, Twitter, YouTube
- The Library is even more important today in providing high quality, reliable, accurate information



Questions?
Thank you

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