



# Brick and Click: How Computers Transformed Libraries Inside and Out

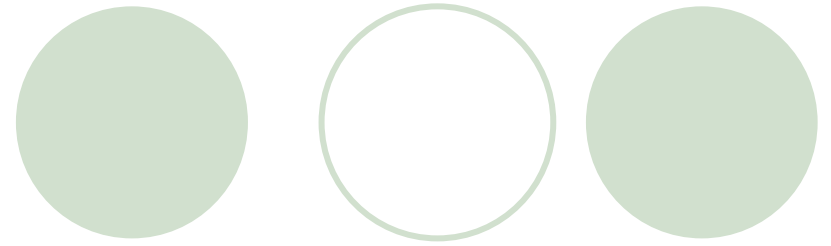
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# Brick and Click



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Old school / New school

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# Library functions: the fall of the card catalog



- Automation spread during the 80's
- Now, it's rare to come upon a card catalog
- OPACs are the public face of the integrated library system but more lurks under the surface

# More library functions



- Integrated library systems (ILS) transformed:
- Cataloging: no longer done in-house → services like OCLC sell the MARC records
- Circulation: cards in the back of the book are no longer needed. Due dates, fines, holds, recalls are kept track of automatically
- Acquisitions; Serials; Reports & Statistics; ILLs
- Search and retrieve: OPACs → in-house/online; Z39.50 protocol

# Library as a place

- Ethernet and wireless access
- Robotic Retrieval Systems
- RFID
- Information Commons



# Content & containers

- Internet
- Index databases – cd-roms and Internet
- Full-text collections and DOIs
- Open link resolvers
- Federated searching
- Institutional Repositories
- E-books with readers, online-based and podcasts



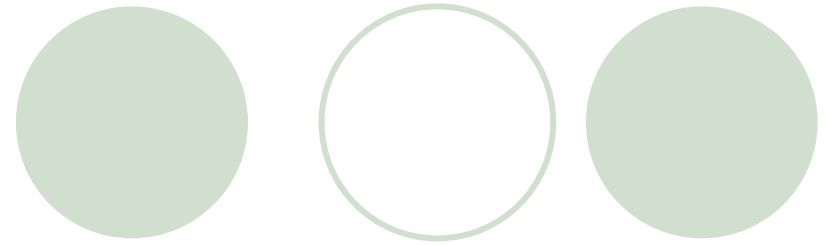
# Outreach

- Email and websites
- Chat, instant messaging, synchronous collaboration software, roving reference
- Alerts
- Blogs and wikis
- Feeds





# More about blogs



- First librarian blogs in 1998 and 1999; now, over 500 by libraries or librarians
- Some blogs of interest:

The Shifted Librarian

OSS4Lib

RSS4Lib

Library Journal Tech Blog

ALA TechSource Blog



# The Future

- The “Bookless Library”?
- The “Ubiquitous Library”
- New roles for librarians

