18 February 2010

Knowledge creation, dissemination and implementation:
The Librarians role in today's knowledge economy

Stellenbosch Symposium /
IFLA Presidential Meeting 2010

Matt Goldner
Product & Technology Advocate

OCLC™ The world's libraries.
Connected.

This building occupies the unique position of being underneath the centrally situated Jan Marais Square. The reason for this unique position is that in planning a new library it was found that, apart from the Jan Marais Square, no centrally situated building sites were available on campus. ... It was therefore decide to build underground.
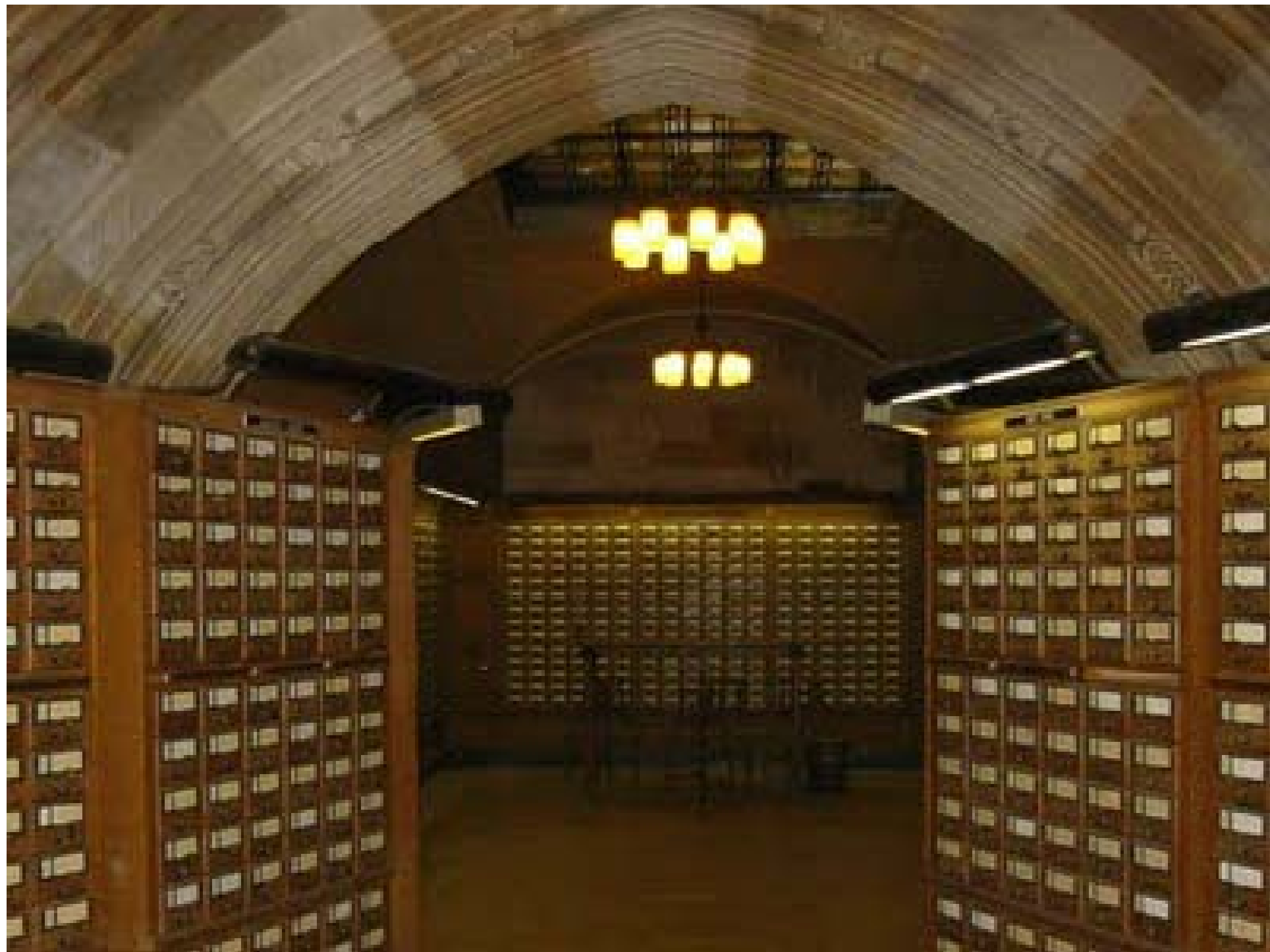
Today's Knowledge Economy:
what has changed?
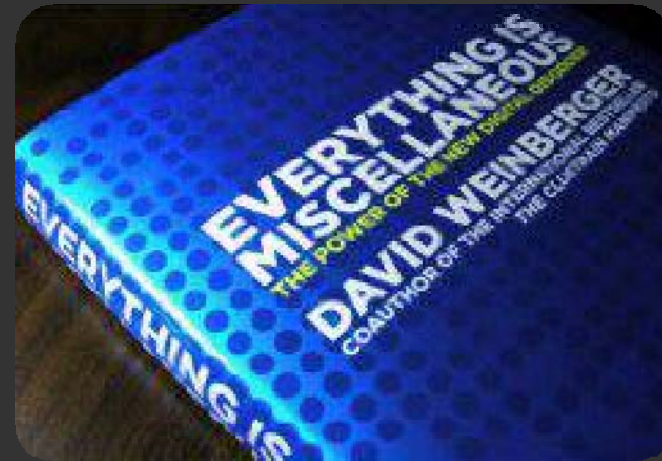
Picture of David Weinberger by: Ralf Roletschek
http://commons.wikimedia.org/wiki/File:David-weinberger-rr.jpg

Spec

What's new about global warming in New
England? / U.S. Climate Action
Network; [ ] Washington, D.C. : The
Network, [1995?]
Cover title.
10 p. ; 28 cm.

New England. 2.
Climate Action

What's new about global warming in
Pacific Northwest? / U.S. Climate
Action Network; Washington, D.C. :
The Network, [1995?]
Cover title.
9 p. : ill. ; 28 cm.
EDF Archives.

1. Global warming--North
Pacific. 2. Global Participa
Pacific--Citizen Action Network
S. Climate Action Network

NSbSU   20091026   #459763354   YSMMel

Spec
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What's new about global warming in
Florida? / U.S. Climate Action
Network; [1995?]
Network. p. : ill. ; 28 cm.
Cover title.
EDF Archives.

1. Global warming--
Global warming--
Participation.

California? / U.S. Climate Action
Network; [1995?] Washington, D.C. : The
Network. p. : ill. ; 28 cm.
Cover title.
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1. Global warming--California. 2.
Global warming--California--Cities--
Participation. 1. U. S. Climate Action
Network.

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Carey, G. K.
The broth
Gary Carey
York, N.Y.
93 p. :
Cover
Dostoevsky,
Brothers Karamazov
Criticism
and

1. Posts--Integrated
Congresses. 1. University
California, Berkeley.

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.M3   Mah

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Subject search and browse: [Physics [v]] [Search] [Form Interface] [Catchup]

21 Jan 2010: Collaborative support plan announced
8 Apr 2009: Added public author identifiers, Facebook interaction, `myarticles` widget, and personal Atom feeds
See cumulative "What's New" pages
Robots Beware: indiscriminate automated downloads from this site are *not* permitted

Physics

- Astrophysics (**astro-ph** new, recent, find)
  includes: Cosmology and Extragalactic Astrophysics; Earth and Planetary Astrophysics; Galaxy Astrophysics; High Energy Astrophysical Phenomena; Instrumentation and Methods for Astrophysics; Solar and Stellar Astrophysics
- Condensed Matter (**cond-mat** new, recent, find)
  includes: Disordered Systems and Neural Networks; Materials Science; Mesoscale and Nanoscale Physics; Other Condensed Matter; Quantum Gases; Soft Condensed Matter; Statistical Mechanics; Strongly Correlated Electrons; Superconductivity
- General Relativity and Quantum Cosmology (**gr-qc** new, recent, find)
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- High Energy Physics - Lattice (**hep-lat** new, recent, find)
- High Energy Physics - Phenomenology (**hep-ph** new, recent, find)
- High Energy Physics - Theory (**hep-th** new, recent, find)
- Mathematical Physics (**math-ph** new, recent, find)
- Nuclear Experiment (**nucl-ex** new, recent, find)
- Nuclear Theory (**nucl-th** new, recent, find)
- Physics (**physics** new, recent, find)
  includes: Accelerator Physics; Atmospheric and Oceanic Physics; Atomic Physics; Atomic and Molecular Clusters; Biological Physics; Chemical Physics; Classical Physics; Computational Physics; Data Analysis, Statistics and Probability; Fluid Dynamics; General Physics; Geophysics; History of Physics; Instrumentation and Detectors; Medical Physics; Optics; Physics Education; Physics and Society; Plasma Physics; Popular Physics; Space Physics
- Quantum Physics (**quant-ph** new, recent, find)

Mathematics

How do libraries respond?

Scholarly Information Practices in the Online Environment

Themes from the Literature and Implications for Library Service Development

Carole L. Palmer
Lauren C. Teffeau
Carrie M. Pirmann

Graduate School of Library & Information Science (GSLIS)
Center for Informatics Research in Science & Scholarship (CIRSS)
University of Illinois at Urbana-Champaign

Table 2: The five core scholarly activities and their primitives

1. Searching

    1.1 Direct searching

    1.2 Chaining

    1.3 Browsing

    1.4 Probing

    1.5 Accessing

2. Collecting

    2.1 Gathering

    2.2 Organizing

3. Reading

    3.1 Scanning

    3.2 Assessing

    3.3 Rereading

4. Writing

    4.1 Assembling

    4.2 Co-authoring

    4.3 Disseminating
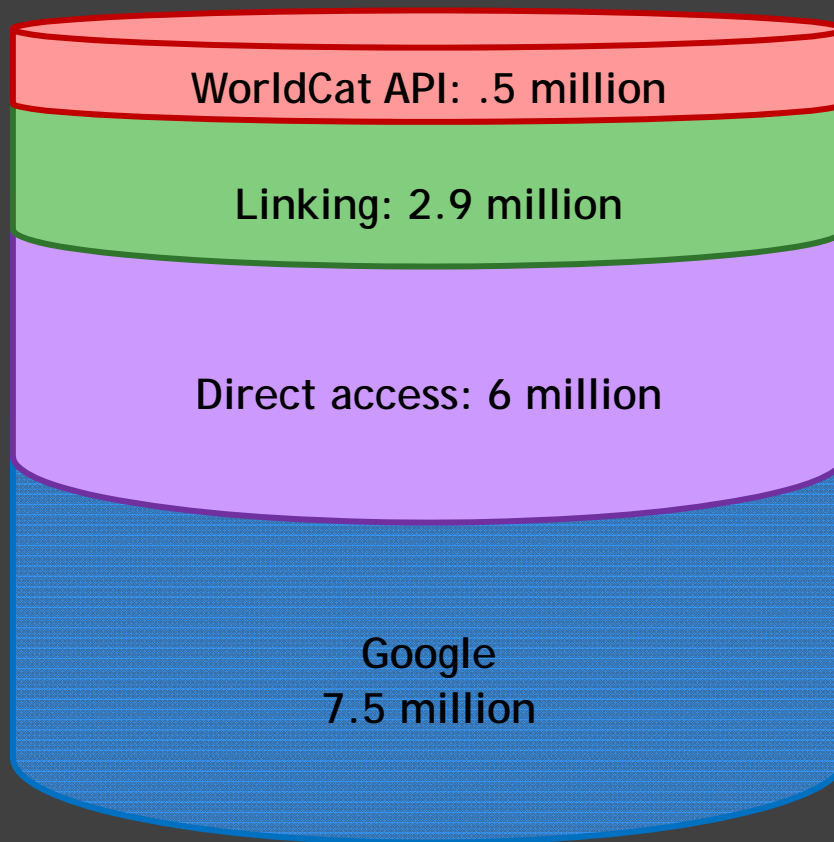
5. Collaborating

    5.1 Coordinating

    5.2 Networking

    5.3 Consulting

6. Cross-cutting Primitives

    6.1 Monitoring

    6.2 Notetaking

    6.3 Translating

    6.4 Data Practices

WorldCat.org traffic

Monthly traffic: 16.9 million

WorldCat API: .5 million

Linking: 2.9 million

Direct access: 6 million

Google
7.5 million

Resulting in:

1 million+ clicks

to library services
every month

Research Support Library Group: *Researcher's Use of Libraries and Other Information Sources*

"*finding* information electronically was deemed easiest to do; *accessing* the information was more difficult and *using* it more difficult still

Embedded librarians

Bibliographers / research projects

Widgets

Smarter citation tools

Linked data

???

"Community Trumps Technology"

The Web is all about scale, finding ways to attract the most users for centralized resources…

Chris Anderson

HATHI TRUST
a shared digital repository

About   Access & Services   Repository   Partnership   Updates

About HathiTrust   Mission & Goals   Functional Objectives   Governance

Welcome to the Shared Digital Future

HathiTrust Welcomes Columbia University as its Newest Partner

Read more >>

HathiTrust is a bold id

As a digital repository for
brings together the immense collections of partner institutions.

HathiTrust was conceived as a collaboration of the thirteen universities of the Committee on Institutional Cooperation and the University of California system to establish a repository for these universities to archive and share their digitized collections.

Partnership is open to institutions worldwide w

HathiTrust is a solution.

To prospective partners, HathiTrust offers lead
digital content. You can rely on the expertise of
address the issues of servers, storage, migrat

You will shape HathiTrust.

Growing the world's largest library won't happe
scale. Its greatest promise—and challenge—re
refine the services needed to search and use such a large digital collection, and realize collectively our greatest potential as a library community. Together we will make HathiTrust available, to everyone, anywhere, any time. Together we will shape the future.

Bold idea. Big plan. Join HathiTrust.

HathiTrust was conceived as a collaboration … to establish a repository for these universities to archive and share their digitized collections

… You've heard of other digital libraries. This one is different in concept and scale. Its greatest promise – and challenge – rests in defining how to serve researchers in the digital age. Together we will develop and refine the services needed to search and use such a large digital collection, and realize collectively our greatest potential as a library community.

January Activities

Top News
- New Cost Model
- Disaster Recovery Planning
- Digital Library Profile

Working Groups
- Quality
- Discovery Interface
- Development Environment
- Storage

Ingest
- General Report

ate >>

5,366,517 volumes
1,878,280,950 pages
200 terabytes
64 miles
4,360 tons
770,335 volumes (~14% of total)

HATHI TRUST Digital Library

Search   Public Collections   My Collections

Catalog Search

Catalog Search   knowledge economy   All Fields ▾   ☐ Full view only [Find]   *Search Tips*

Narrow Search

Viewability
Limited (search-only) (164)
Full view (9)

Subject
Knowledge management. (8)
China (6)
Japan (6)
United States (5)
China Economic conditions 2000- (4)
more...

Author
Traill, Catherine Parr Strickland, 1802-1899. (3)
Branstetter, Lee (2)
Dahlman, Carl J., 1950- (2)
Eliasson, Gunnar. (2)
Nishimura, Kiyohiko, 1953- (2)
more...

Language
English (166)
French (3)
Arabic (1)
Chinese (1)
Indonesian (1)
more...

Place of Publication
United States (77)
England (33)

✉ Email this Search

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Sort Relevance ▾

1 2 3 4 5 6 7 8 9 Next »

The Knowledge economy / Dale Neef, editor.
Published 1998
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Knowledge economy : the Indian challenge / edited by Ashoka Chandra, M.K. Khanijo.
Published 2009
🔍 Limited (search-only)

Globalization and the Knowledge-Economy Seminar, 30-31 January 2001, [Parkroyal Hotel, Kuala Lumpur] / organised [by] Malaysian Institute of Economic Research, Queen's...
by Globalization and the Knowledge-Economy Seminar Kuala Lumpur, Malaysia)
Published 2001
🔍 Limited (search-only)

Workforce development for a knowledge economy : report of the International Workshop, Seoul, 7-13 September 2005.
by International Workshop on Workforce Development for Knowledge Economy Seoul, Korea)
Published 2006
🔍 Limited (search-only)

- Tools for browsing and exploring sets of e-texts

- Clearinghouse for tools for collection, storage and sharing resources

- Support for downloading, storing and organizing e-texts

- Tools to foster collaboration across institutions

- Tools to support document reviewing

The Web is all about scale, finding ways to attract the most users for centralized resources, spreading those costs over larger and larger audiences as the technology gets more and more capable.

Chris Anderson

Palmer et al.:

In determining priorities for development, there are two kinds of service contributions that seem most worthy of investment:

1. Services that are most likely to actually advance the conduct of research, either by simplifying difficult tasks or by supporting new kinds of analysis with digital content; and

2. Services that provide economies of scale across institutions, disciplines or genres of information

Thank you