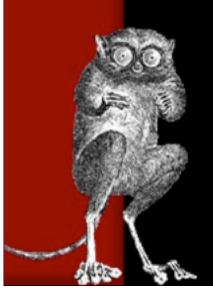
Reading 2.0 Tim O'Reilly

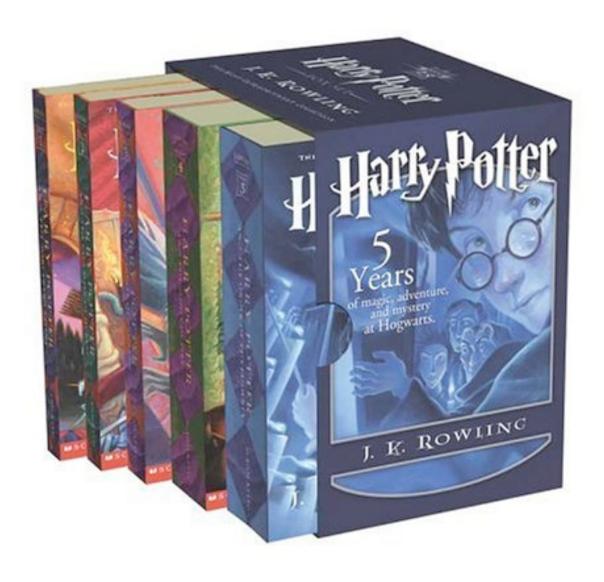
O'Reilly Media, Inc. www.oreilly.com

University of Michigan March 10, 2006

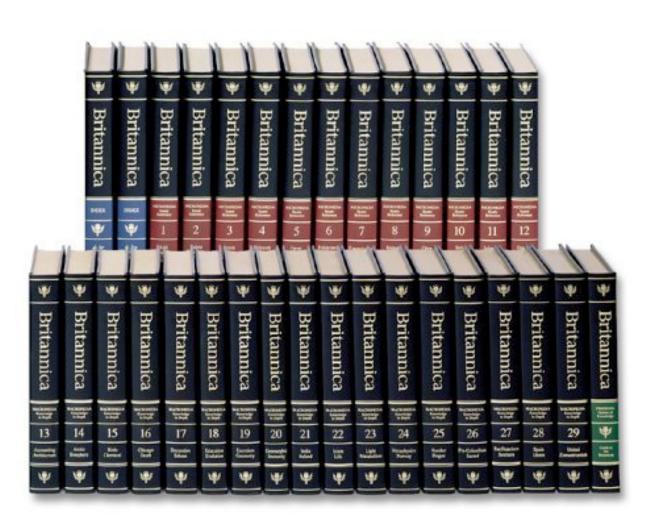




What Job Does a Book Do?







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Advanced Search Preferences Language Tools

Advertising Programs - Business Solutions - About Google

⊗2006 Google

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library Search Advanced Search Preferences

Web

Results 1 - 10 of about 3,160,000,000 for library [definition]. (0.13 seconds)

Internet Public Library:

Online public **library** features directories of online texts, newspapers, magazines, reference materials with special sections for youth.

www.ipl.org/ - 30k - Mar 5, 2006 - Cached - Similar pages

Science Fair - Newspapers - POTUS - Books

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The Library of Congress

Research affiliations: Association of Research Libraries, Research Library Group. www.loc.gov/index.html - 10k - Cached - Similar pages

LibrarySpot.com: Encyclopedias, maps, online libraries, quotations ...

Find the best **library** and reference resources at LibrarySpot.com, including top dictionaries, encyclopedias, newspapers, maps, quotations and much more.

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The WWW Virtual Library

A guide to selected resources across all the main academic areas. The original web directory of Tim Berners-Lee.

vlib.org/ - 6k - Mar 5, 2006 - Cached - Similar pages

THE BRITISH LIBRARY - The world's knowledge

This is the home page of the British Library website. Use this site to search our catalogues, order items for research, view exhibitions and link to ...

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Awesome Library - K-12 Education Directory

Awesome **Library** organizes 30000 carefully reviewed K-12 education resources, including the top 5 percent for teachers, students, parents, and librarians.

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Library

California's Online Local Search. Find **Library** Here. California.Local.Com California

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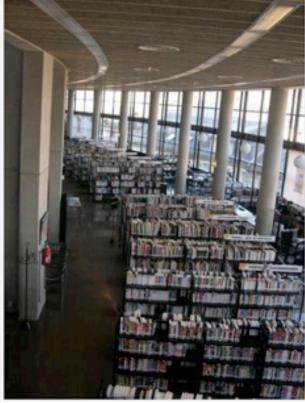
Alternative meanings: Library (computer science), Library (electronics), Library (biology)

In the traditional sense of the word, a library is a collection of books and periodicals. It can refer to an individual's private collection, but more often it is a large collection that is funded and maintained by a city or institution. This collection is often used by people who choose not to, or cannot afford to, purchase an extensive collection themselves. However, with the collection or invention of media other than books for storing information, many libraries are now also repositories and access points for maps, prints or other artwork, microfilm, microfiche, audio tapes, CDs, LPs, video tapes and DVDs, and provide public facilities to access CD-ROM databases and the Internet.

Thus, modern libraries are increasingly being redefined as places to get unrestricted access to information in many formats and from many sources. More recently, libraries are understood as extending beyond the physical walls of a building, providing assistance in navigating and analyzing tremendous amounts of knowledge with a variety of digital tools.

Contents [hide]

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- 6 Library management
- 7 Funding problems
- 8 Some famous libraries
- 9 See also

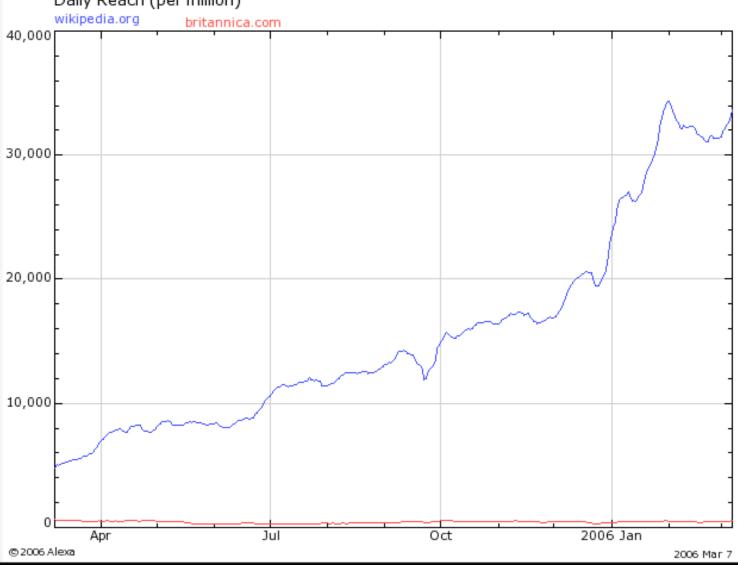


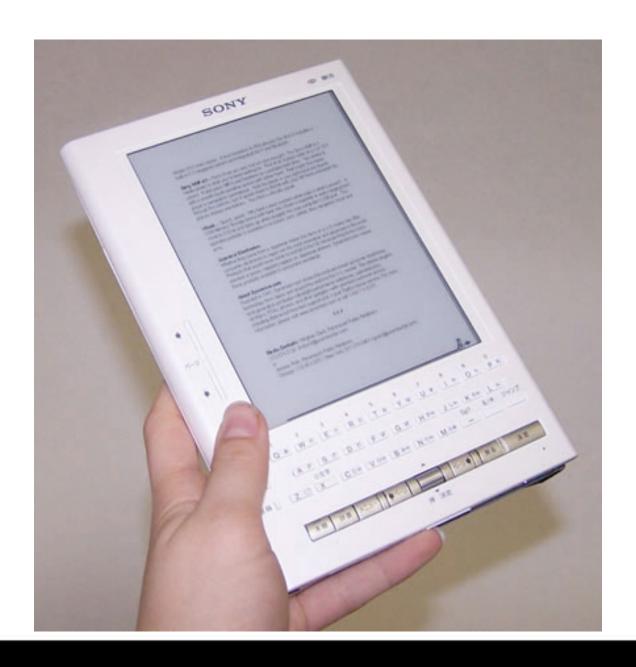
A modern-style library in Chambéry



Britannica vs. Wikipedia

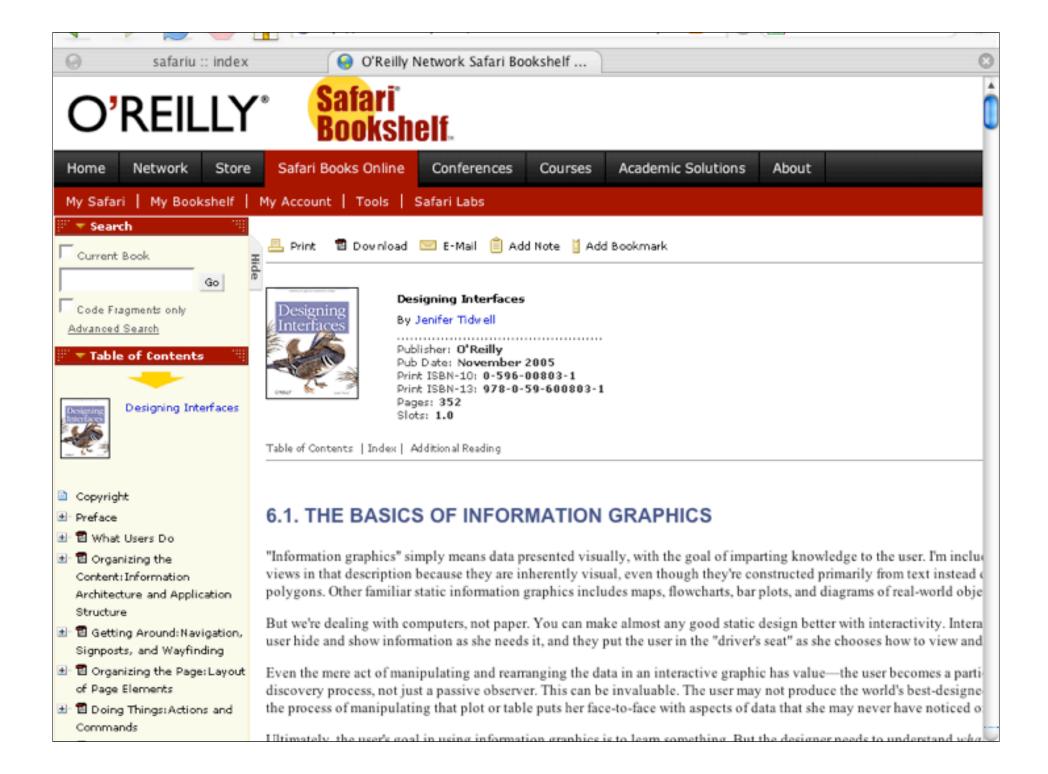
Daily Reach (per million)

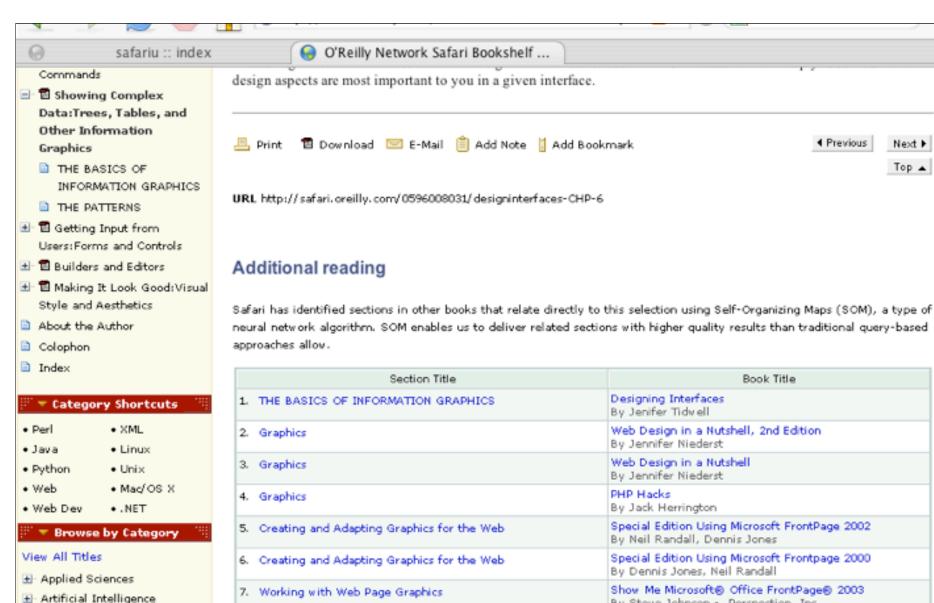






1988: The Davenport Group. DocBook





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 Desktop Applications Desktop Publishing

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4.	Graphics	PHP Hacks By Jack Herrington
5.	Creating and Adapting Graphics for the Web	Special Edition Using Microsoft FrontPage 2002 By Neil Randall, Dennis Jones
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7.	Working with Web Page Graphics	Show Me Microsoft® Office FrontPage® 2003 By Steve Johnson - Perspection, Inc.
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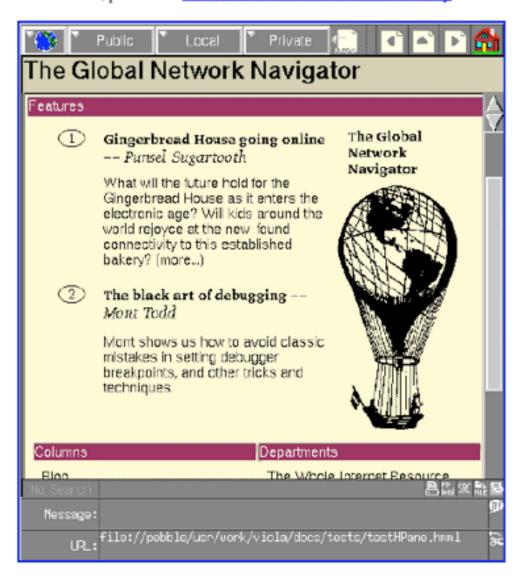
Go beyond the book with an up-to-date online syllabus. Offer students an electronic bookshelf of up to ten complete books used to create your custom text. And feel free to create links to additional articles, resources, and websites.



EXCHANGE MATERIALS

What Job Does a Library Do?

Until the Viola Browser Archive is restored, please see a mirror of the website at UC Berkeley





Web | Moving Images | Texts | Audio | Software | Education | Patron Info | About

Forums | FAQs | Contributions | Jobs | Donate

All Media Types Search:



Universal access to human knowledge

Anonymous User (login or join us)

Announcements

Bookmark explorer

Dead update

Katrina web archive launches, over 25 million pages, text searchable



Welcome to the RSS Archive

The Internet Archive is building a digital library of Internet sites and other cultural artifacts in digital form. Like a paper library, we provide free access to researchers, historians, scholars, and the general public.

0



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Berkeley Groks (air date: 05-14-2003)

A major goal in physics is

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26,585 texts

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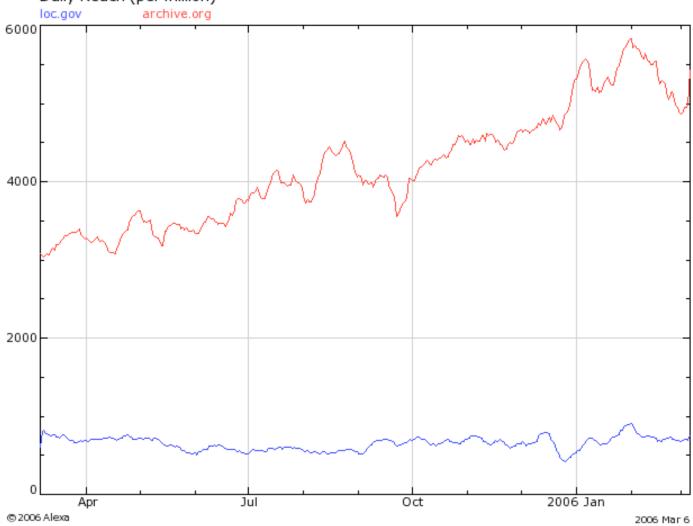
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Archive.org vs. the Library of Congress

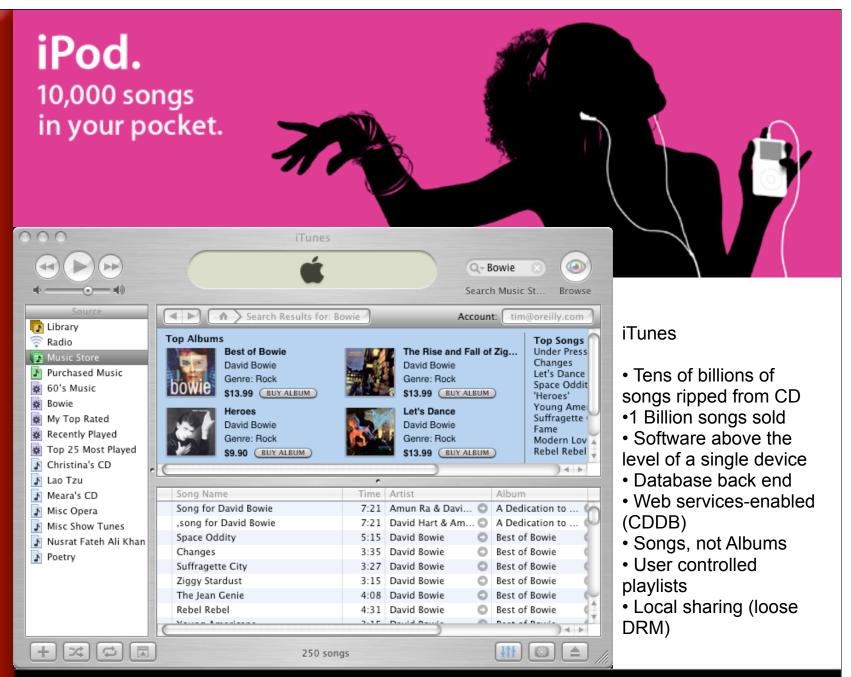
Daily Reach (per million)

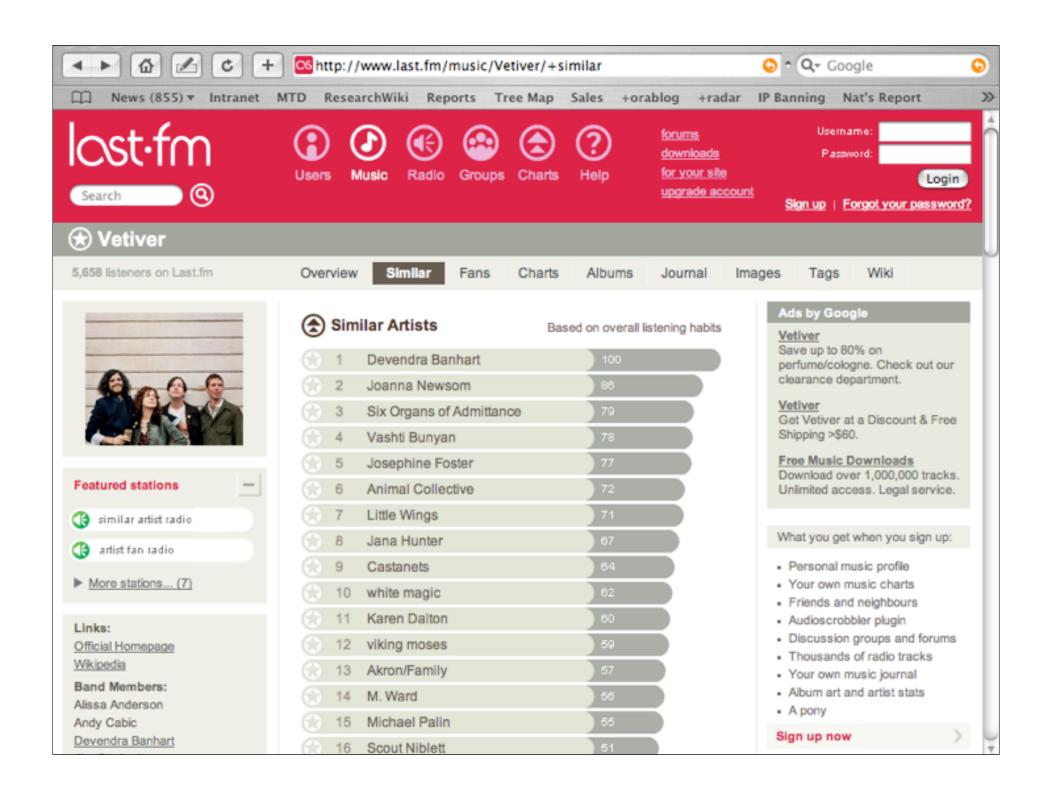




Why the Google Library Project Matters





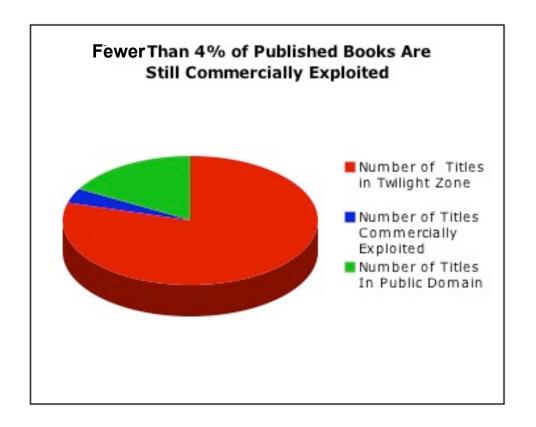


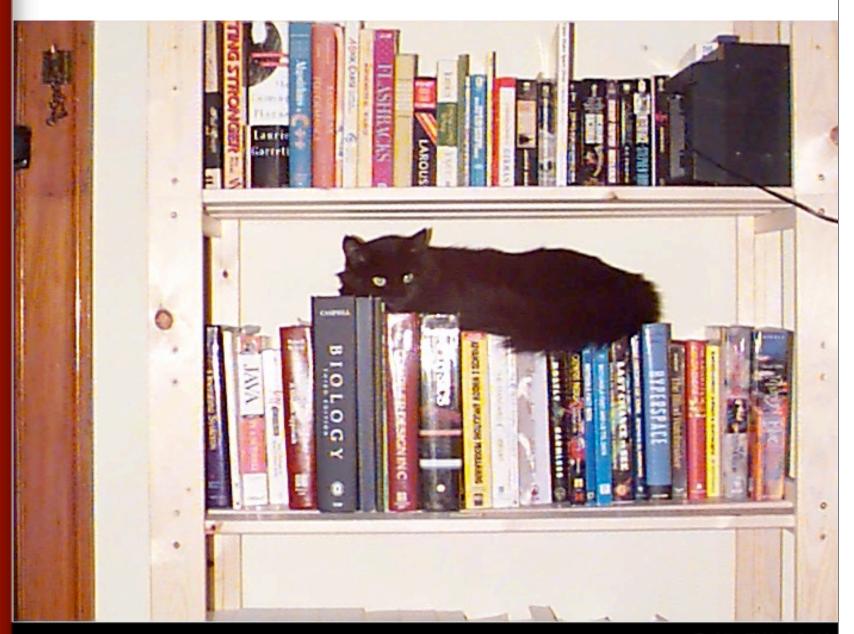
The Internet BookMobile



The Orphaned Works Problem

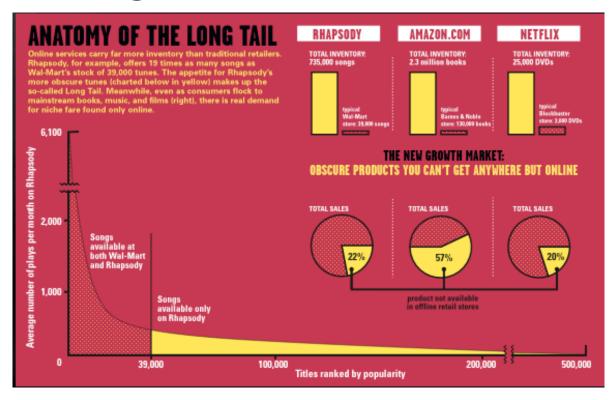






The Near-Term Opportunity

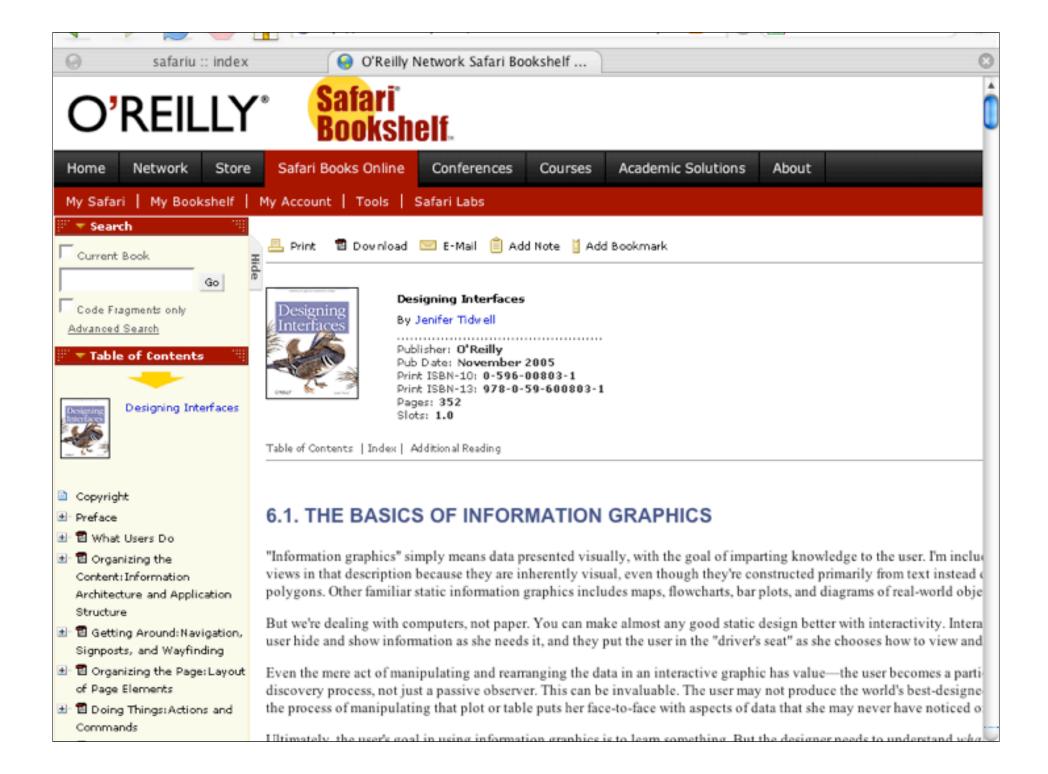
The Long Tail



Demand for products *not* available in traditional bricks and mortar stores is potentially as big as for those that are [because of limits on shelf space].

-- Chris Anderson, via email





Does Online Search Drive Discovery?

- Compare sales of physical books versus ebooks
 - Sales of physical books, as reported by Bookscan
 - E-Books sales of same books, but in ebook format from Safari
- Questions
 - Is there a difference on the long tail?
 - If so, how much does it account for?

Physical Books Overview

- Measured by Neilsen Bookscan Top 10,000 Computer Books report
- POS (Point of Sales) data, which represents approximately 70% of US market
 - dominated by Barnes and Noble, Borders and Amazon.
- For first 6 months of 2005, there were:
 - -17,754 distinct SKUs (ISBN's)
 - A book must have had sales of at least one unit in the period to be included
 - A book must have made its first appearance in before 2005 to be counted



Safari Overview

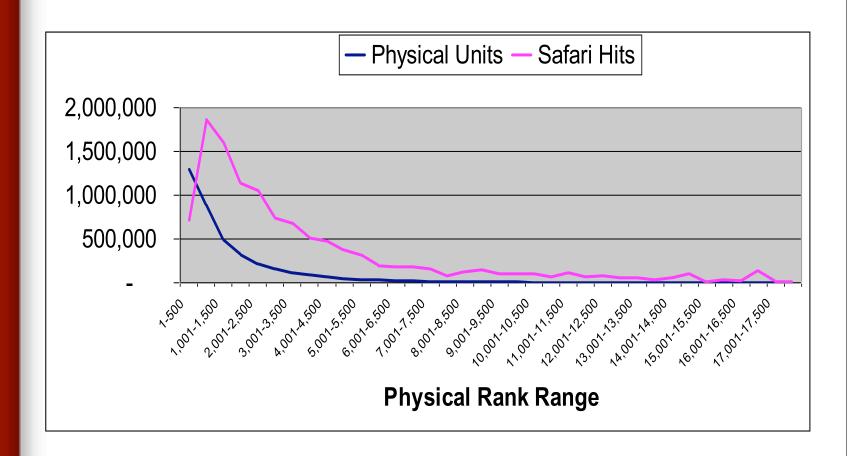
- Safari is an e-Book service
 - Library of O'Reilly and Pearson titles, which have a combined market share of 46% based on *unit sales*
 - Subscription based -- subscribers can select a fixed number of books from a large library of books.
- Of the 17,754 physical ISBNs sold in the first
 6 months of 2005
 - -2,171 were also available through Safari
 - In this study, a view on Safari occurs when someone accesses a page in a book on their bookshelf.



Methodology Overview

- Rank the 17,754 books by total unit sales and divide into blocks of 500 based on range
 - -Range 1-500 = top 500 books by unit sales
 - -Range 501-1000 = next 50for next block
- Find the Safari views for the books in each block
- Are there any differences?

Total Units Sold vs. Safari Views



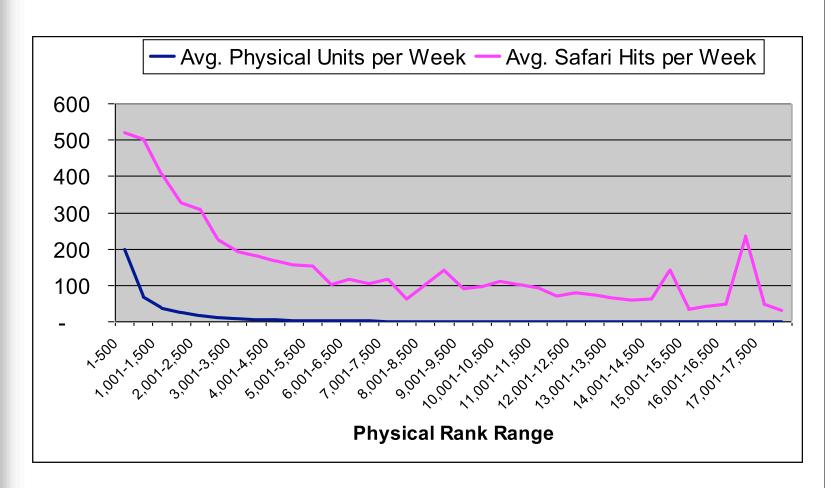


Notes

- Unit totals follow power law (Long tail)
- Views appear to follow power law, but begin to climb back up at the far end of the long tail
 - These are total views, though, so what happens when you look at weekly average views per title for each block?
- Outliers removed to avoid skewing data



Averages





How Big is the Long Tail?

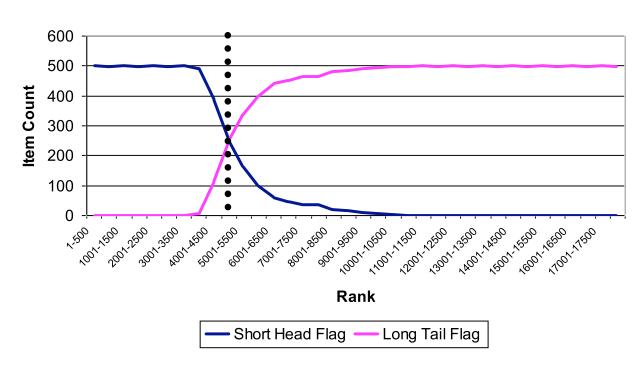
- Need to know where the long tail starts, a point we refer to as C
 - all books with rank less than C are short head, all books with a rank greater than C are long tail
- No direct data source to know which books are available online only. A best guess estimation:
 - Create two groups of titles, those that appear in the in the BookScan 3k list (better selling titles) and those that only appear in the BookScan 10k list (potential long tail).
 - Find the rank where more titles only appear in the BookScan
 10k list and use that as C*



Cutoff Estimate

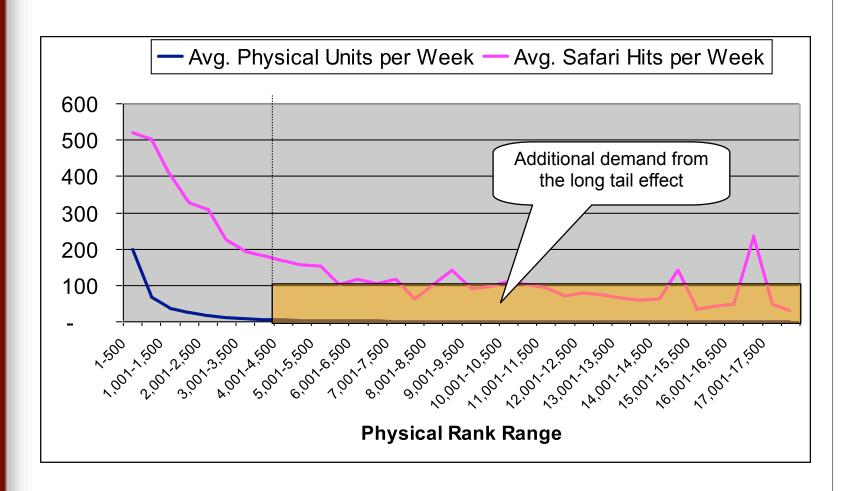
• C ~ a rank of 4,500

Estimating Long Tail Cutoff





Conclusion: Shift in Demand Curve



Rough Estimates

 Using 4,500 as a cutoff, we can compute rough estimates for long tail effect using proportions of unit sales and views

	Short Head	Long Tail
Physical Books	94%	6%
Safari	77%	23%

- Long Tail is important part of Safari
 - -23% of Safari views
 - −6% of physical book sales



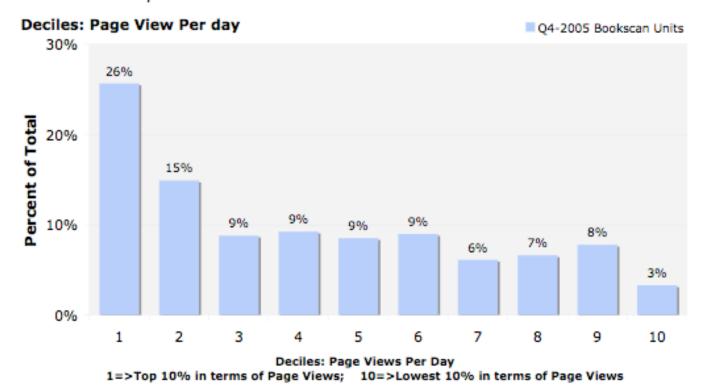
Executive Summary

- Our findings confirm that there is demand for technical books that are generally unavailable offline.
 - In fact, among the top books in our online service are books that either out of print, or older editions of titles that are no longer carried by traditional bookstores.
- The long tail effect online is 2 to 3 times that of physical books

Google Print vs. Bookscan

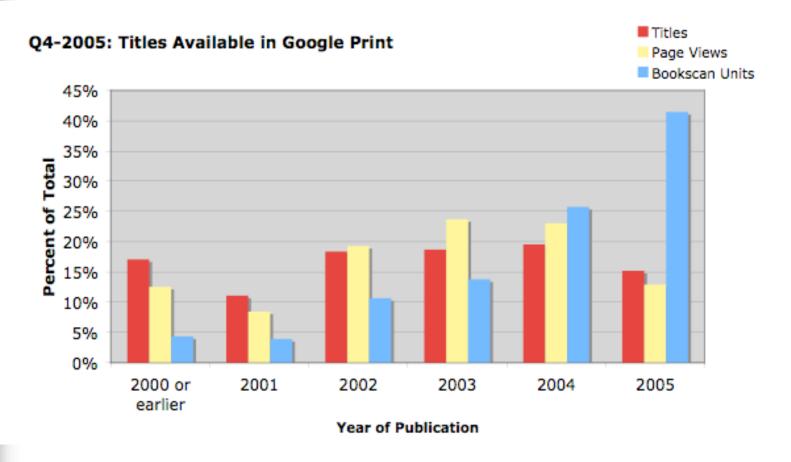
Deciles: Page Views Per Day - Correlate w/ BookScan Sales

- We group the 685 titles into Daily Page View Deciles, e.g.,:
 - Decile 1 contains the 10% of titles with the most page views / day
 - Decile 2 contains the next 10% of titles based on page views / day
- We calculate the percentage of BookScan unit sales attributed to each Decile
- Titles in Top page view Decile account for 26% of BookScan unit sales; Titles in the Bottom page view Decile account for 3% of BookScan unit sales.
 - Titles in the Top 2 Deciles account for 41% of all Bookscan unit sales



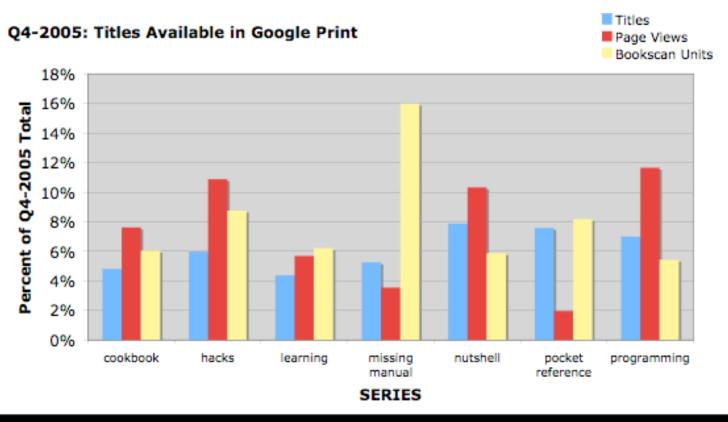
Year of Publication

Older titles receive a disproportionate share of page views. 2004/2005 titles represent 67% of unit sales but only about 40% of page views. 2000 or earlier titles represent 12% of page views, but only 4% of unit sales.



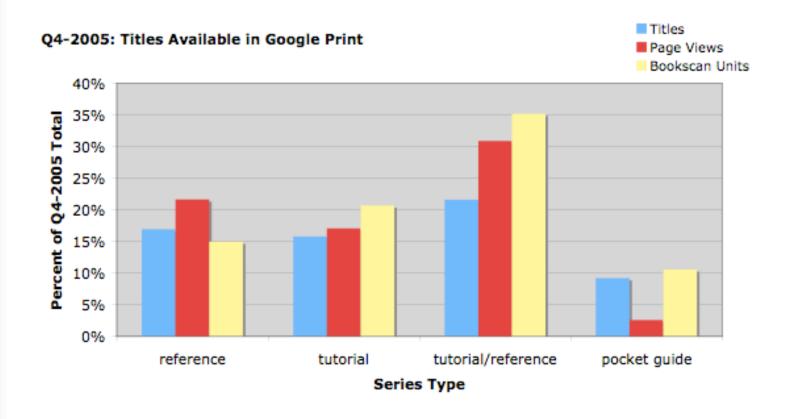
Series Analysis

- 7 major series account for 43% of all titles, 52% of all page views in GBS, and 57% of our Bookscan units.
- Reference-oriented series have a disproportionate share of GBS views relative to their Bookscan units.



Series Type

- 4 Major Series Types, accounting for 64% of all titles, 72% of all page views, and 81% of all Bookscan units.
 - "reference" titles have a higher share of page views than Bookscan units.



Key Questions for Authors & Publishers

- Does search help or hurt book sales?
- Are there differences in access depending on the type of book?
- For reference works, where search competes with the book, what opportunities are there for significant revenue?
- How will publishing itself change as it moves online?

Visions of the Future

web2.0

The Internet As Platform

Information Businesses

Software As a Service

Harnessing Collective Intelligence

1. Users Add Value









The key to competitive advantage in internet applications is the extent to which users add their own data to that which you provide.

2. The Perpetual Beta

When devices and programs are connected to the internet, applications are no longer software artifacts, they are ongoing services.























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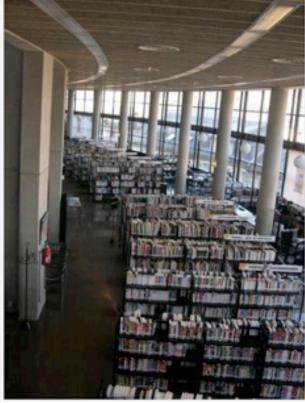
Alternative meanings: Library (computer science), Library (electronics), Library (biology)

In the traditional sense of the word, a library is a collection of books and periodicals. It can refer to an individual's private collection, but more often it is a large collection that is funded and maintained by a city or institution. This collection is often used by people who choose not to, or cannot afford to, purchase an extensive collection themselves. However, with the collection or invention of media other than books for storing information, many libraries are now also repositories and access points for maps, prints or other artwork, microfilm, microfiche, audio tapes, CDs, LPs, video tapes and DVDs, and provide public facilities to access CD-ROM databases and the Internet.

Thus, modern libraries are increasingly being redefined as places to get unrestricted access to information in many formats and from many sources. More recently, libraries are understood as extending beyond the physical walls of a building, providing assistance in navigating and analyzing tremendous amounts of knowledge with a variety of digital tools.

Contents [hide]

- 1 Etymology of the word
- 2 History
- 3 Types of libraries
- 4 Description
- 5 Library use
- 6 Library management
- 7 Funding problems
- 8 Some famous libraries
- 9 See also



A modern-style library in Chambéry



Rough Cuts

Get behind the scenes to stay ahead of the curve.

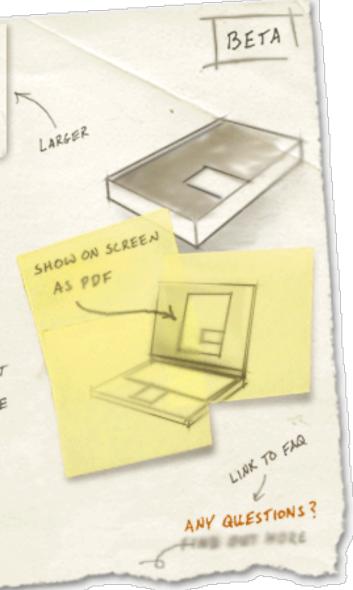
AS THE BOOK IS BEING WRITTEN ...

MAIN MESSAGE

WHEN YOU BUY A ROUGH CUTS BOOK:

· GET ACCESS TO EVOLVING PDF MANUSCRIPT

- . DOWNLOAD AND PRINT IT, OR READ IT ONLINE
- · SUBMIT SUGGESTIONS TO HELP THE SHAPE
- * SEND COMMENTS DIRECTLY TO AUTHORS
 AND EDITORS
- · BE A PART OF THE NEW PROGRAM FROM SAFARI BOOKS ONLINE



3. Software Above the Level of a Single Device

The PC is no longer the only access device for internet applications, and applications that are limited to a single device are less valuable than those that are connected.

4. Data is the Next "Intel Inside"

Applications are increasingly data-driven.

Therefore: Owning a unique, hard-to-recreate source of data may lead to an Intel-style single-source competitive advantage.

5. A Platform Beats an Application Every Time

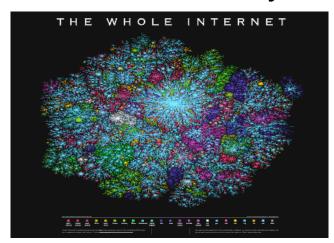
- Extres 1-2-3
- WordPerfect
- Metsaape xybovigator

Two Types of Platform

One Ring to Rule Them All



Small Pieces Loosely Joined





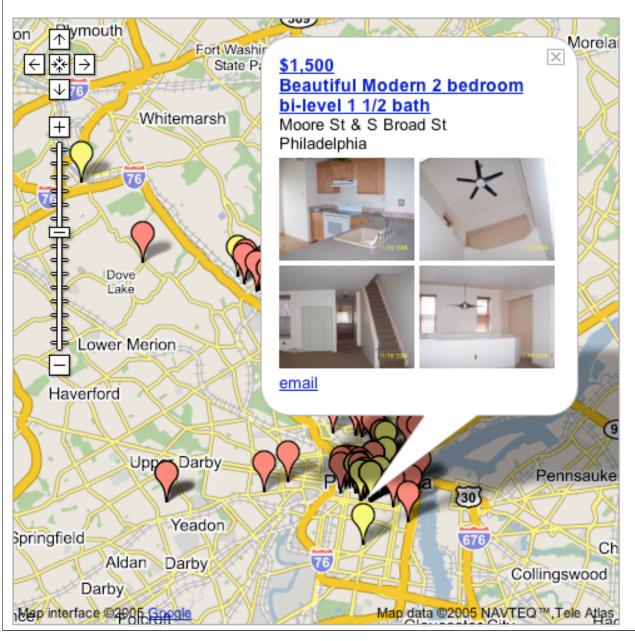
(this site is in no way a

For Rent For Sale Rooms New

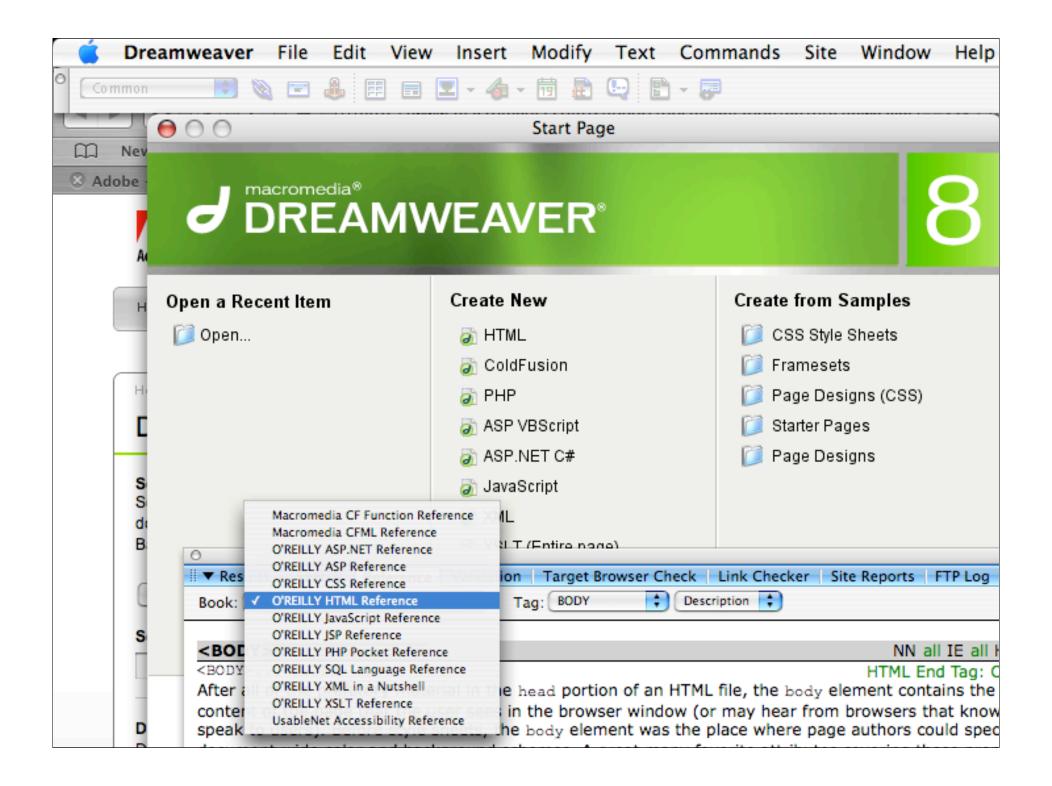
City: Philadelphia Price Range

Price Range: \$1500 - \$2000 **▼**

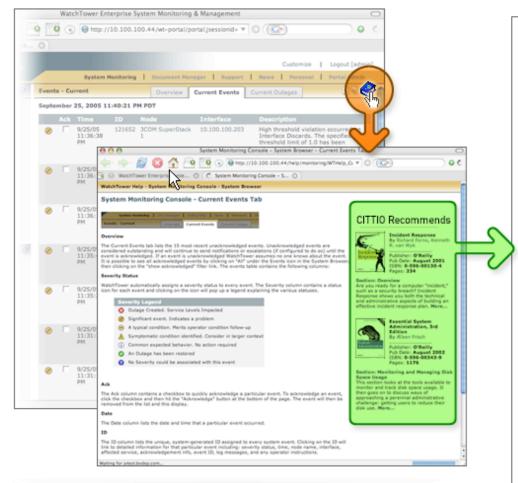
Refresh Satellite New



pics	price	bd	description
	\$1700		Everything Is Brand New
	\$1975	4bd	House for rent in Gladwyne Village
	\$1800	ЗЬВ	House for rent – 3 yrs old, on 2 acres next to Perkiomen Trail
	\$1600	5bd	Huge Victorian, Lots of Charm
	\$1700	5bd	Possible Rent-to-own
0	\$1600	2bd	Charming Carriage House For Rent
	\$1565	2bd	New Rental Community
0	\$1500	2bd	<u>Lease or Lease purchase 2</u> <u>bedroom rancher with Garage</u>
	\$1500	1bd	Trinity House at 7th and Lombard in Center City
	\$1550	2bd	Amazing, Brand New Apartment Avail. *Now*
	\$1500	1bd	New L O F T Conversion
	\$2000	4bd	3-4 bedroom,central air,parking,master suite
	\$1600	5bd	House for Rent Available 07/01/05
	\$1500	Зbd	House for rent near Temple
	\$1795	2bd	Center City Society Hill
	\$1550	ЗЬВ	Manayunk Ave 3 bed / 1 bath twin
	\$1750	2bd	Beautiful Townhouse For Rent
0	\$1500	1bd	The Wanamaker House-Luxury Condo Building-Rittenhouse Square(1block)
	\$1500	2bd	Loft - newly renovated



A Web Services-Based Help System





Incident Response

by Richard Forno, Kenneth R. van Wyk

Publisher: **O'Reilly** Pub Date: **August 2001** ISBN: **0-596-00130-4**

Pages: 234

Section: Overview

Are you ready for a computer "incident," such as a security breach? Incident Response shows you both the technical and administrative aspects of building an effective incident response plan. **More...**



Essential System Administration, 3rd Edition

by Æleen Frisch

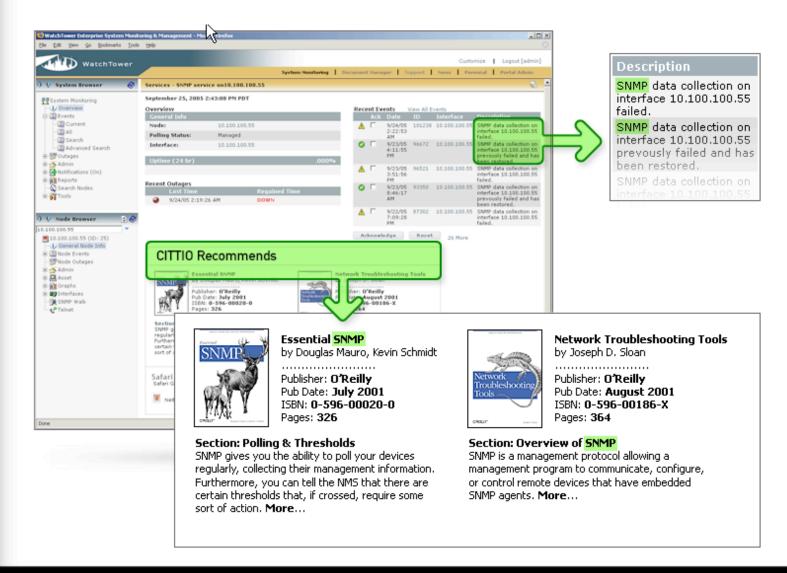
Publisher: O'Reilly
Pub Date: August 2002
ISBN: 0-596-00343-9

Pages: 1176

Section: Monitoring and Managing Disk Space Usage

This section looks at the tools available to monitor and track disk space usage. It then goes on to discuss ways of approaching a perennial administrative challenge: getting users to reduce their disk use. **More...**

Event to Content Correlation





"I'm an inventor.

I became interested in long term trends because an invention has to make sense in the world in which it is finished, not the world in which it is started."

-Ray Kurzweil

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