





Eve of Disruption



Apr 14, 2015

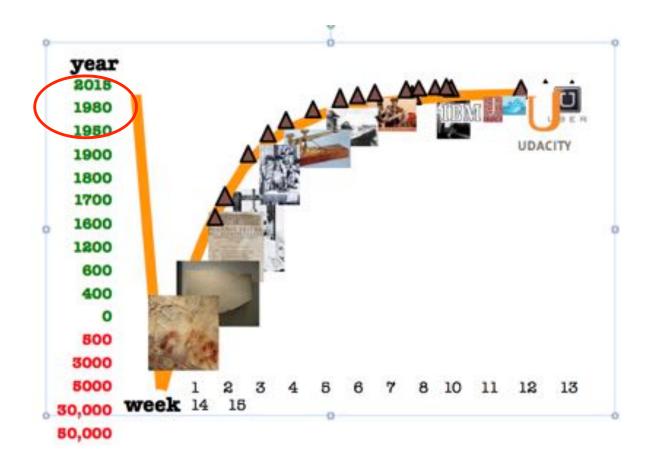




Where We Are

Borders Bookstore, Chicago, April 2012







Eve of disruption





Book Ruling Cuts Options for Google

By CLAIRE CAIN MILLER Published: March 23, 2211

SAN FRANCISCO — Now that a judge has curtailed <u>Google</u>'s ambitions to create a giant digital bookstore and library, the company is left with few appealing options.

Add latimes.com

• Ge

Go to Creating a digital public library without Google's money

allies Google's settlement with authors and publishers has been tossed out, shining a spotlight on copyright law. Maybe we shouldn't entrust that kind of project to a corporation anyway.

Google & the Future of Books

Robert Daraton

How can we navigate through the information landscape that is only beginning to come into view? The question is more urgent than ever following the recent settlement between Google and the authors and publishers who were suing it for alleged breach of

copyright. For the last four years, Google has been digitizing millions of books, including many covered by

copyright, from the collections of major

E-MAIL SNOLE PAGE PRINT SHARE

Read NOW LATER

The westy restored reference room of the library or the American Academs in Rome

Eve of disruption





Itinerary, 4/14

Consequences of the Internet:

6 D's...

Disintermediation: Eliminating the middleman

What future for newspapers & news?

Disaggregation: things fall apart

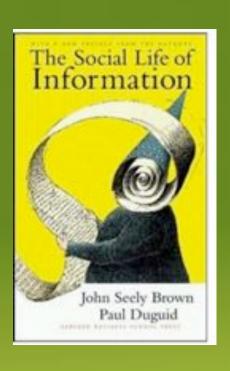
Dematerialization and the future of the book

A crisis in scholarly publishing

Valediction...



6 D's and a 7th



Brown and Duguid's six D's

(Demassification)

Decentralization

Denationalization

Despatialization

Disintermediation

Disaggregation

And one more...

Dematerialization

The confluence of technological, legal, social, and market factors...



The Internet as Disintermediator



"Cutting Out the Middleman"





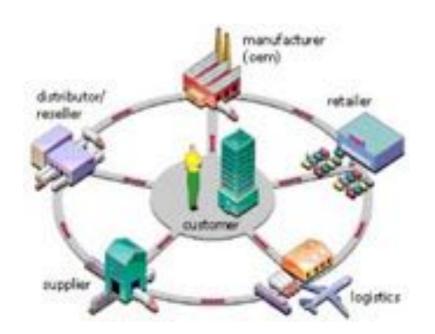


E-commerce is dominant or major channel

Downloadable products (software, mp3's, pornography)

Travel/event tickets/etc.

Public records





"Cutting Out the Middleman"

What proportion of US retail sales are online?

.6%

a. 12.1%

b. 21%

c. 29.3%

Successful partial disintermediation Books (new & used) (40%)











"Cutting Out the Middleman"



Successful partial disintermediation

Books (new & used) (40%)



The indie bookstore resurgence

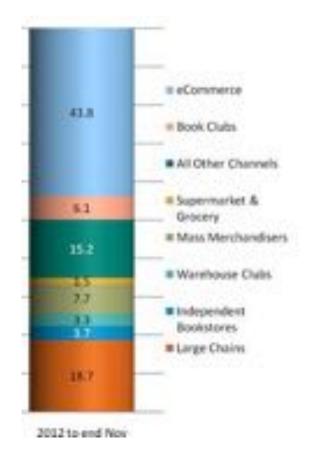
BYROPYTON SEPTEMBER 20, 2013, 3:19 PM EDT

Amazon may have the bargains, but independent booksellers are trading in the importance of real-life community — and are

FORTUNE — John Evans, co-owner of Diesel, a small California bookstore chain, gives an emphatic "no" when asked if he's cruzy for continue a new stoot this

seeing an uptick in business.













Disintermediating Commerce

Transactional disintermediation

Retail stocks & investment products (though transactions are online)

Groceries

Limited or niche disintermediation

Real estate for sale

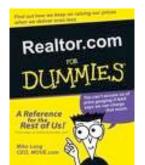
New automobiles

Pet food

Furniture

... but price information etc. is disintermediated in all

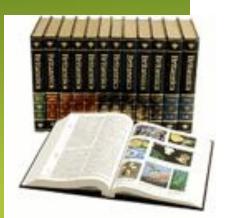
markets





Dematerialization of Informational Goods

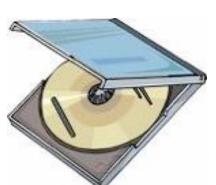
















WHO'S KILLING THE POSTAI SERVICE?



The Internet?

Labor costs? Congress?

Figure 2: USPS First-Class Mail Volume (1970-2010)

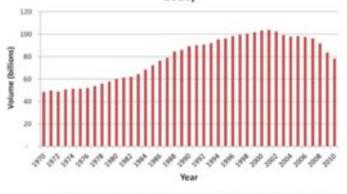
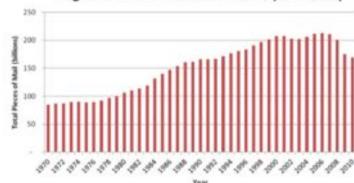


Figure 1: USPS Overall Mail Volume (1970-2010)





WHO'S KILLING THE POSTAI SERVICE?

Do We Need a Postal Service?



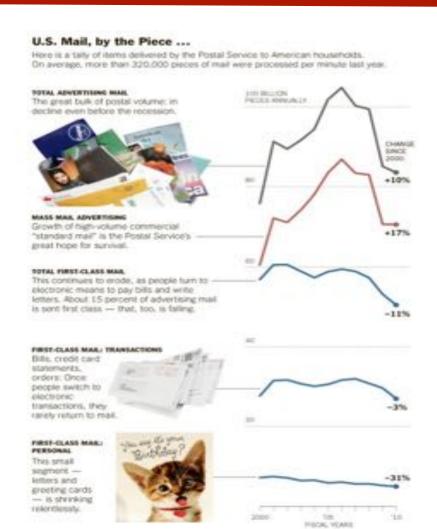
.....from a 21st century perspective, the USPS looks like a hopelessly retrograde enterprise. We cut down trees, mill them into paper, print words on the paper, then transport the paper all over America in pollution-belching trucks, and have people deliver them (often on foot) to 150 million addresses. Then people throw most of it away unopened.

Meanwhile, I can email my sister in Ohio, text my nephew in New Jersey, Facebook message my friend in Russia and video chat with my mother for little to no cost and without environmental damage. Kevin Kosar, Newsweek



WHO KILLED THE POSTAL SERVICE?







The Internet? Labor costs? Congress?



Will newspapers go under?









End of the newspaper?

THE NEWS BUSINESS

OUT OF PRINT

The death and life of the American newspaper. BY ERIC ALTERMAN

MARCH 31, 2006

The American newspaper has been around for approximately three hundred years. Benjamin Harris's spirited Publick Occurrences, Both Forreign and Domestick managed just one issue, in 1690, before the Massachusetts authorities closed it down. Harris had suggested a politically incorrect hard line on Indian removal and shocked local sensibilities by reporting that the King of France had been taking liberties with the Prince's wife.



"The newspaper model putting text on paper - is
becoming a dinosaur;
much like the horse and
buggy disappeared when
the automobile came on
the scene."

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« Previous McArdie | Next McArdie »

M EMAIL PRINT

This is the End of the Newspaper Business

OCT 26 2009, 4:10 PM ET ● 8

The New york Times

March 17, 2010

I.H.T. OP-ED CONTRIBUTOR

The End of Newspapers?

By MARIE BÉNILDE

Journalists are now in the same situation as steel workers in the 1970s: They are destined to disappear, but they don't know it.



A Perfect Storm for the Old Media

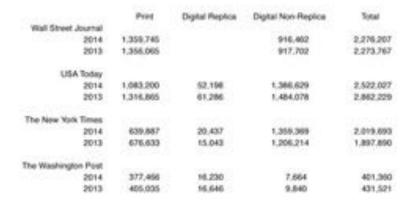


Craigslist etc. divert classified advertising

News aggregators, blogs & online sources capture audience

National sources displace local sources online ("Last man

standing")







Birmingham Metro (orig. Daily News) Ist UK freesheet 1984





Alternative Weeklies

A Perfect Storm for the "Old Media"

Competition from circulars, free dailies and weeklies (since 1950's)

Increased online competition lowers ad rates





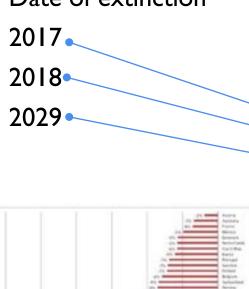
The abyss?

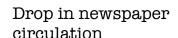


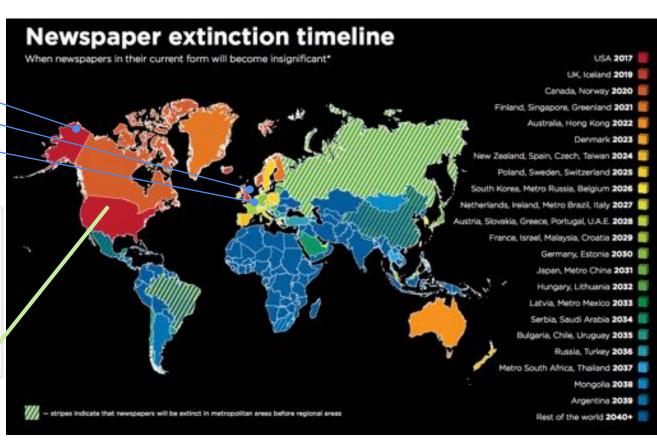


Dire Predictions

Date of extinction

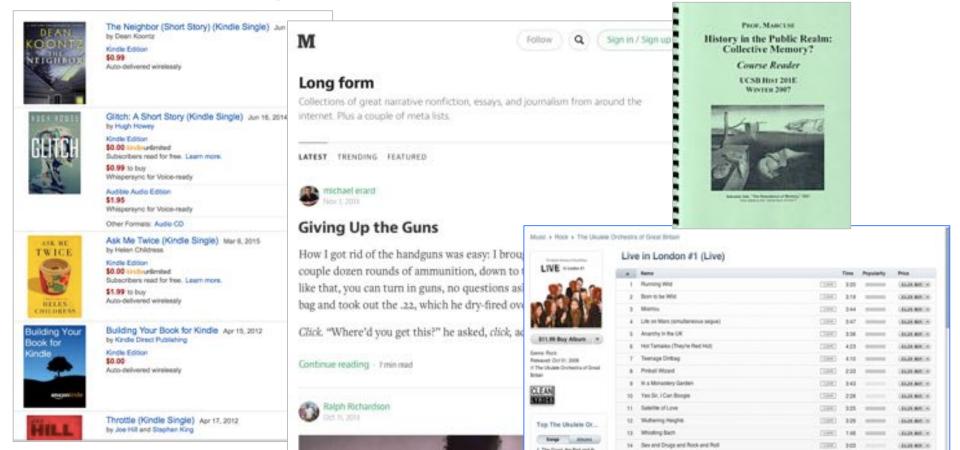








Unbundling the modularities imposed by physical packaging of informational goods.





Specialized sites displace newspapers as sources of information about sports, business, entertainment, weather, listings, opinion, etc.

Personalization: the daily "me"







The rise of "pay per view journalism"

Stories are "naked little creatures that have to go out into the world to stand and fight on their own." Gabriel Snyder, Newsweek

"The traffic game is over, and Buzzfeed has won." Nick Denton





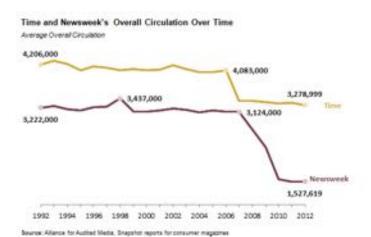
Gawker's "Big Board"



Nick Denton



Magazines: Not what they were









Not that the principle is new...













The Future of News

2008: "Free" newspaper readership exceeds paid readership

"We don't have a crisis of audience. We have a crisis of revenue."

"People are used to reading everything on the net for free, and that's going to have to change," Rupert Murdoch, 4/6/09



The Future of News

Economic models for digital newspapers or news gathering:

advertising
"pay wall" (WSJ) or
"freemium" (NYT until recently)
pay-per-view via microcredit
monthly "all you can read" for group

of publishers à la cable packages

"tax" on ISP fees

Subsidized by foundations & universities

"Last man standing"



Where Americans get their news

Local TV station: 78%

National network: 73%

Online sources: 54%

Radio news: 50%

Local newspaper: 50%

National newspaper: 17%

Online news users are wealthier, younger, better educated, whiter than other Internet users or general population, and far more likely to have broadband & wireless access.

(Pew survey, 2010)



Why Form Matters



The affordances of everyday things

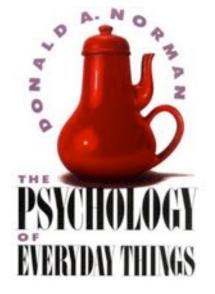
Affordance



Affordance: the only irregularity on the plain from of the notebook invites the ease to place a finger. A gentle push opens the top part of the notebook like a clamshell. (The fine line envelops curriously to find out if the object can get devoted into 2 parts.)

Affordances: (perceived?) "action possibilities" latent in the environment







J. J. Gibson



Sorting out the affordances of new technologies

Material features of documents enable:

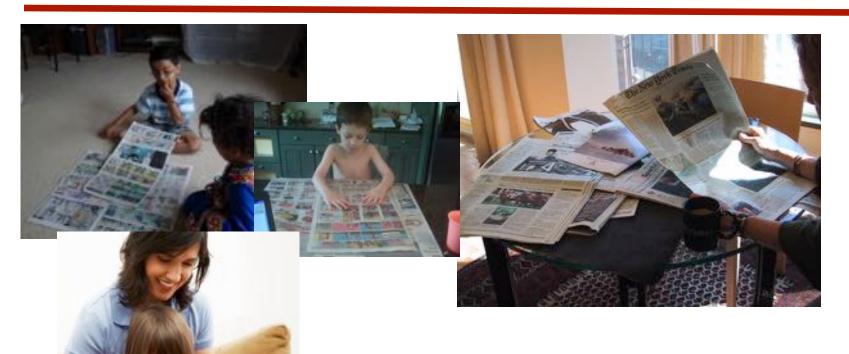
Characteristic modes of interacting with documents

Symbolic & iconic roles of documents

Social practices that determine use & interpretation of documents



The affordances of newspapers





The affordances of newspapers



BLD017160 [RF] ill www.visualphotos.com

Spot the Out-of-Towner



The affordances of newspapers



The Subway Fold

The New York Times subway fold. It's the hallmark of a mue-New Yorker - up these with the calhailing whistle and ordering your coffee "regulah." Somply follow the instructions below and please, stand clear of the closing doors ...





() Fill again, horizontal's. creating quadrants.



ID Plig-and field, as necessary, to read each portion of the page.



have to the continuotion page.





6) To read storoes that full as the



1) Pull back over, creating two lengthwise portions ...

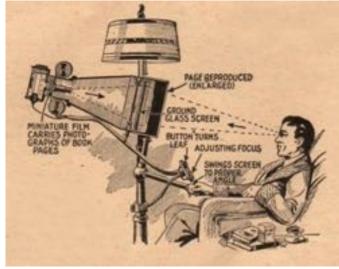


8) Then field again trite four parts.



What future for the book?











Books? Where we're going we don't *need* books

A clash of fetishisms

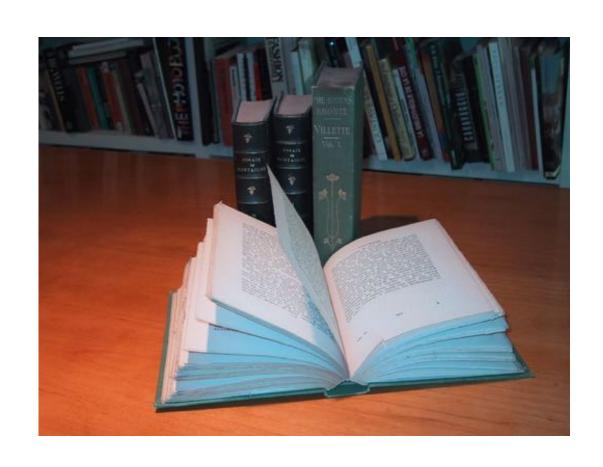
"Nobody is going to sit down and read a novel on a twitchy little screen. Ever." — E. Annie Proulx

"Paper is just an object that [some] information has been sprayed onto in the past..." — Ted Nelson

In the future, physical books will be of interest mainly to those "addicted to the look and feel of tree flakes encased in dead cow tree flakes encased in dead cow' William Mitchell, Dean of the School of Architecture, MIT

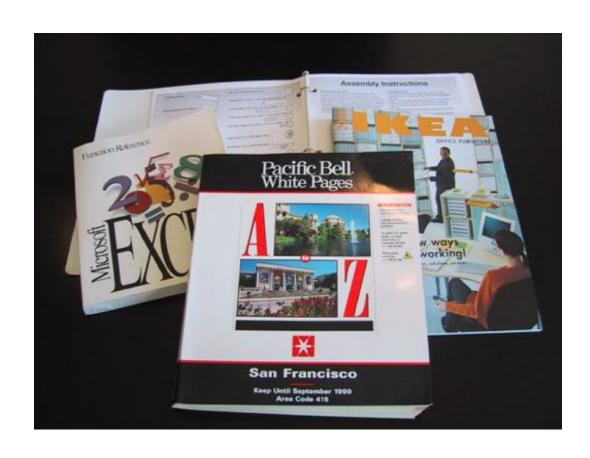


. . THE BOOK



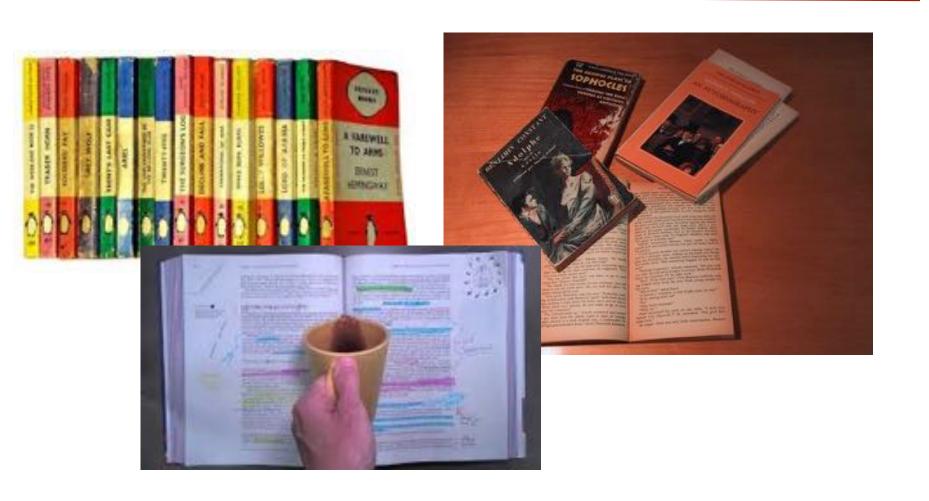


books...



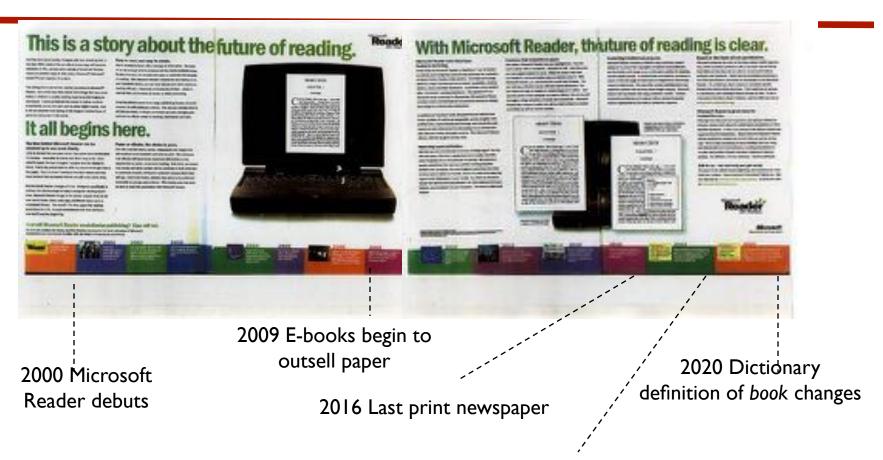


... and the books we actually read





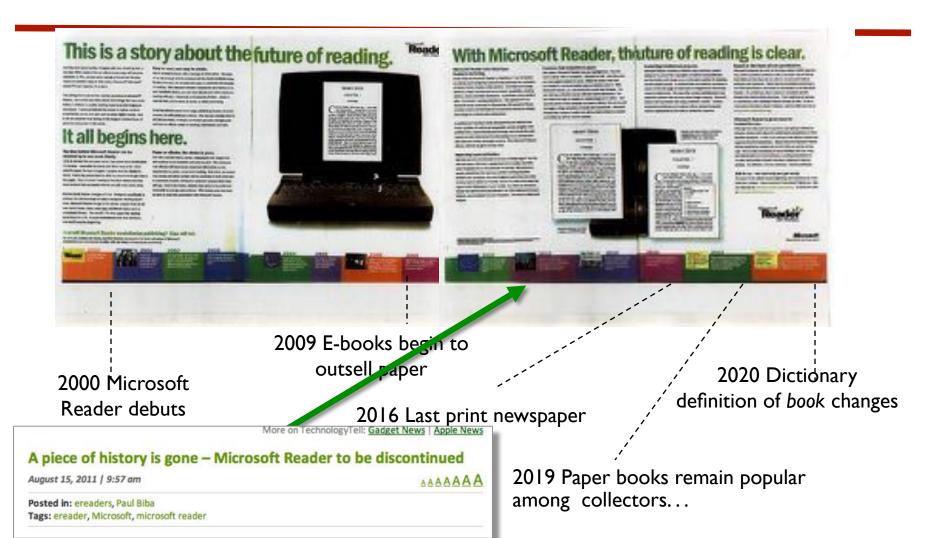
"Twitchy little screens" and the future of the book



2019 Paper books remain popular among collectors...



"Twitchy little screens" and the future of the book





Beyond "twitchy little screens"



Material limits as features: the fixity of representation, interaction with the body



"My readers... will see in the tell-tale compression of the pages before them, that we are all hastening together to perfect felicity."

Jane Austen, in the final chapter of Northanger Abbey



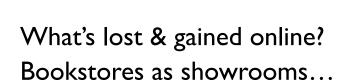
The Epigraphic Book







The Epigraphic Book



Your Account . Wours - the

thest Sellers of 2012 (Selfer). The fig. 100







"...someone used the word *disintermediation*. I said, 'Oh my God, that's the end of the publishing business.' " At a time when a writer can post a novel online and watch the revenue pour in by direct deposit, the publishing industry's skill at making books, selling them by hand to bookstores, and managing the distribution of the product threatens to become irrelevant. In Epstein's vision, the writer may need a freelance editor, a publicist, and an agent who functions as a kind of business manager, but authors will keep a bigger share of the proceeds with no lumbering media corporation standing in the way.



The inevitability of the e-book?

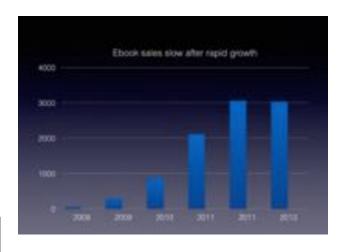
ContentForward>



July 30, 2013 by Publishing Technology

Year-on-year ebook sales fall for the first time, says Nielsen Research

Slowing ebook sales may embolden publishers in Amazon spat



Ebook Growth Slows to Single Digits in U.S. in 2013

By: Jeremy Greenfield | April 1, 2014



A choice we have to make?

















Book of the Future... or the present?

THE FUTURE OF BOOKS.

BY JAMES WARNER

2020: All Books Will Be Cross-Platform and Interactive.

Future "books" will be bundled with soundtracks, musical leitmotifs, 3-D graphics, and streaming video. They'll be enhanced with social bookmarking, online dating, and alerts from geo-networking apps whenever someone in your locality purchases the same book as you—anything so you don't have to actually read the thing. Authors will do their own marketing, the reader will be responsible for distribution, the wisdom of crowds will take care of the editing, and the invisible hand of the market will perform the actual writing (if any). Writers will respond either by going viral or by going feral.





The crisis of scholarly publishing

Journals should be easier than books to move to digital distribution

Easy to read online or print out articles

Production uses templates

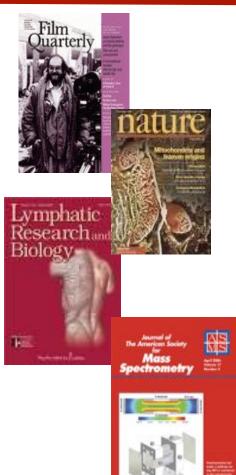
Predictible print runs

Appeal to general disciplinary community

One-time purchase decisions

Lower marketing costs per sale

Each annual renewal adds value

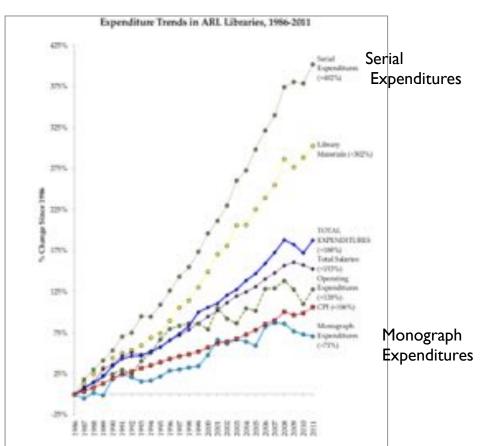




But university libraries are being squeezed

The crisis hits home...

2003			3011			Increses
1	Harvert	\$26,534,161	1	Harvard	831,223,854	185
2	Yele	\$24,965,501	12	Yele*	\$30,808,898	245
3	Michigan	\$19,236,775	3	Tererite	\$26,956,916	685
4	UC Behaley	\$16,291,361	4	Columbia?	\$26,655,182	779
ŝ,	Toronto	\$16,060,860	- 5	Michigan*	\$24,744,107	295
	Penn State	\$15,407,047	- 6	Princeton	\$23,506,805	695
7	Columbia	\$15,054,531	7	NYU	\$21,816,363	736
	Cornell	\$15,662,662		Alienta	\$20,424,009	1195
9	Princeton	\$12,866,304		USC	\$20,080,312	975
19	UT Austin	\$12,686,944	:10	Chicago	\$16,680,779	485
11	UCLA	\$12,672,617	- 11	Plent State	\$18,336,586	195
12	NYW	\$12,645,171	12	Dute*	\$18,112,394	645
13	Chicago	\$12,605,544	13	Texas A&M	\$17,923,344	415
14	Duke	\$12,545,843	54	UC Serkeley	\$17,001,670	85
15	Indiana	\$12,620,640	10.	UT Austin	\$17,661,372	379





The crisis of scholarly publishing



The PLOS Suite of Journals:

- PLOS ONE
- PLOS Biology
- PLOS Medicine
- PLOS Genetics
- PLOS Computational Biology
- PLOS Pathogens
- PLOS Neglected Tropical Diseases

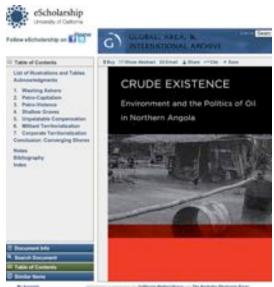
New models of subscription:

UC Berkeley – "a Springer-Verlag university"

Disaggregation of contents

Open-Source







Readings for April 16, 1

Required Reading

Jones, Feminista. 2013. "Is Twitter the underground railroad of activism?" Salon. July 17.

Kaba, Mariame and Smith, Andrea. 2014. "Interlopers on social media: feminism, women of color and oppression," *Truth Out*. February 1.

Lenzo, Brian. 2013. "Will the revolution be tweeted?" ISR. July 17. Read: From "Facebook revolution or Wall Street hype?" to the end.

Loza, Susana. 2014. "Hashtag Feminism, #SolidarityIsForWhiteWomen, and the Other #FemFuture," Ada: A Journal of Gender, New Media, and Technology. July 21.

McKenzie, Mia. 2014. "On Ferguson Protests, the Destruction of Things, and What Violence Really Is (And Isn't)," Black Girl Dangerous. November 26.

Reflect back on your responses and class discussion around "Black Lives Matter" demonstrations and how media portrayals of "riots" and "violence" are racialized



Readings for April 16, 2

Additional readings:

Watch "Asmaa Mahfouz & the YouTube Video that Helped Spark the Egyptian Uprising," February 8, 2011.

Read: StudentNation (various students). 2015. "From Selma to Madison, a Generation Demands Justice," March 16.



Assignment for April 16

The readings from Jones, Kaba and Smith, and Loza focus on social media technology as a powerful social change resource for marginalized groups (whether based on race, gender, sexuality, ability, citizenship, and/or class). Whilst readings from McKenzie and Lenzo suggest that social media technology uses the same racialized portrayals ("Ferguson protesters are violent rioters") and oversimplified narratives ("Facebook=revolution") as mainstream media. Referencing both perspectives, use specific examples to show whose argument is more convincing. What implications might these arguments have for social issues that you care about?