

information & advertising





History of Information

March 9, 2017

If it plete or y man spirituel or temprel to bye ony pies of two and thre comemoracios of salisburi vie enpryntid after the write of this preset lettre whiche ben wel and truly correct late him come to wellmor nester in to the almonesty at the reed pale and he shall have them good chepe...

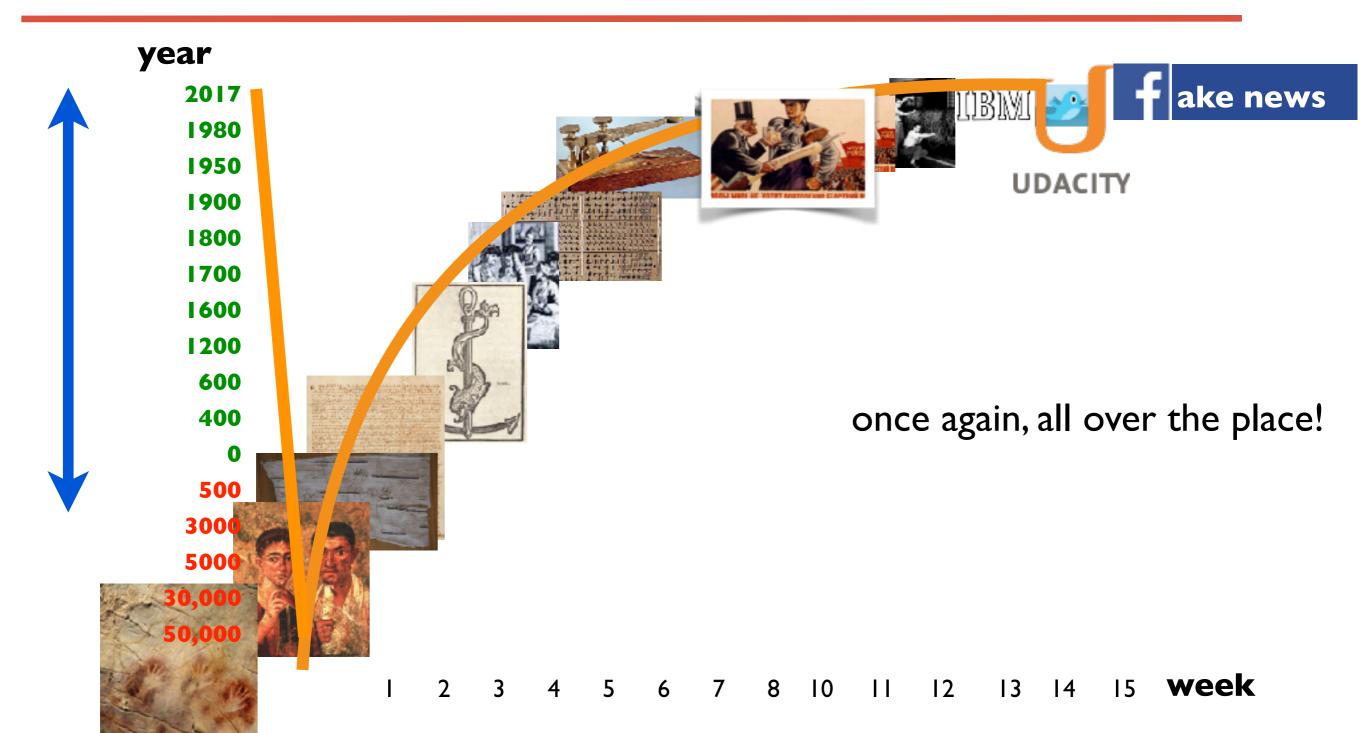
Suplim fet ædula





there's more to advertising history than *Madmen*

where are we?



Advertising

overview

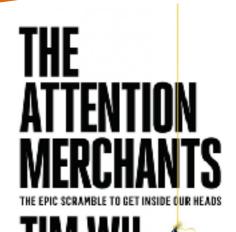
new media

what's new?

news & advertising

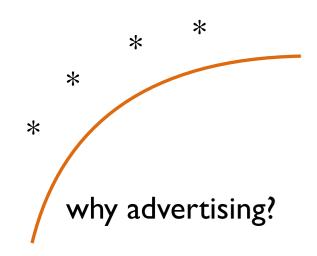
informing

why advertising?



"This book explains ... industry that barely existed a century ago ... traced to the nineteenth century ... New York City .. first newspapers fully dependent on advertising ..." —Wu, 2016, p 5

_Hofl-1.17.17-Intro-PD 3



Congress shall make no law respecting an establishment of religion, or prohibiting the free exercise thereof; or abridging the freedom of speech, or of the press; or the right of the people peaceably to assemble, and to petition the Government for a redress of grievances

why advertising?

a. information & the public sphere

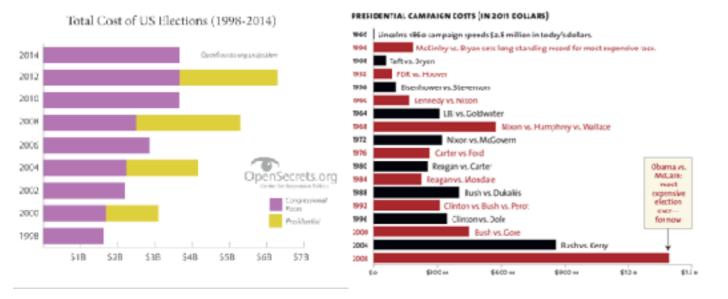
"The basis of our governments being the opinion of the people, the very first object should be to keep that right; and were it left to me to decide whether we should have a government without newspapers or newspapers without a government, I should not hesitate a moment to prefer the latter. But I should mean that every man should receive those newspapers and be capable of reading them."

—Thomas Jefferson, 1787

20 years on — views of a sitting president

"The man who never looks into a newspaper is better informed than he who reads them, inasmuch as he who knows nothing is nearer to truth than he whose mind is filled with falsehoods and errors. He who reads nothing will still learn the great facts, and the details are all false."

-Thomas Jefferson to John Norvell, 1807



why advertising?

2016 by the numbers: Hillary Clinton dwarfs Donald Trump in TV ad spending

althy relationship?

cians, financial backers, & the press

s's in control?





The \$5 billion presidential campaign?



Koch brothers put a price tag on the 2016 elections

Leslie Moonves on Donald Trump: "It May Not Be Good for America, but It's Damn Good for CBS"

11:26 AM PST 2/29/2016 by Paul Bond



why advertising?

2016 by the no Clinton dwarf in TV ad spend



DCBS ress

Why American elections cost so much

HAR COLD TANK

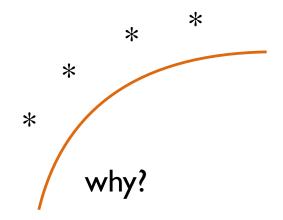
Michael Loccisano/Getty Images Leslie Moonves

"Most of the ads are not about issues. They're sort of like the debates," the CBS CEO said.

The \$5 billion presidential campaign?



Koch brothers put a price tag on the 2016 elections



why advertising?

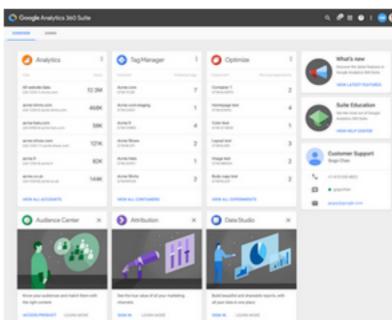


b. advertising & information infrastructure

Over a million businesses rely on Google AdWords.
Here's why:







The new Analytics 360 products are Google's attempt to surpass efforts by companies like Adobe, Oracle and Salesforce in creating marketing clouds that companies use to collect and manage data about customer behavior. Google



95





boo.com



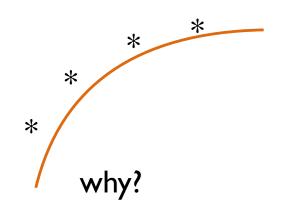


eternal support?

NASDAQ Composite Index History

March 1, 1971 Through December 31, 2014





great minds at work?

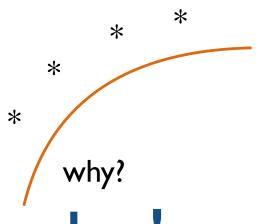
Wilkins (1614-1672)
Boyle (1627-1691)
Wren (1632-1723)
Locke (1632-1704)
Hooke (1635-1703)
Newton (1642-1727)
Halley (1656-1742)

"The best minds of my generation are thinking about how to make people click ads"

—Jeff Hammerbacher, Bloomberg Business Online, 2011

"The Google I was passionate about was a technology company that empowered its employees to innovate. The Google I left was an advertising company with a single corporate-mandated focus."

— James Whittaker, 2012



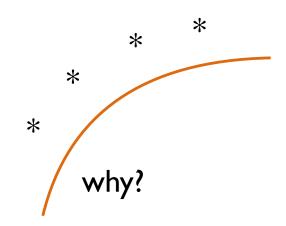
The Cost of Mobile Ads on 50 News Websites

By GREGOR AISCH, WILSON ANDREWS and JOSH KELLER OCT. 1, 2015

Ad blockers, which Apple first allowed on the iPhone in September, promise to conserve data and make websites load faster. But how much of your mobile data comes from advertising? We measured the mix of advertising and editorial on the mobile home pages of the top 50 news websites — including ours — and found that more than half of all data came from ads and other content filtered by ad blockers. Not all of the news websites were equal. RELATED ARTICLE

who's paying ... and who's being sold?

	Seconds to loa	ed advertising	content	Second	ds to load	editorial conte	ent		
boston.com	30.8 seconds 8.1								
!\:\AZE	11.9 7.0						ads averaged 30 seconds to load on a typical 4G		
THE DAILY BEAST	11.3		5.0		connection, mostly because of large video ads. That's the				
	10.9		4.4	.4			equivalent of 32 cents of cell		
Chicago Tribune	9.5 3.4						data in ads every time the home page is loaded.		
examiner.com	9.1	2.1							
ATTRECTAST'	8.9			16.9					
SALON	8.8		8.1			est websites, many large pho	notos,		
CM	8.6	5			rads, so an ad ad less of an ef				
SFGATE	7.9		10.4		DIOCHGI	activities that the state at 1 act to be the beauty			
Los Angeles Times	7.7	3.7							
Mirror	7.2	5							
bi bleacher report	6.7	5.8							
Chron	6.6	6.1							
Vox	6.3	3.6	quicker, but ad bloo take out more than						
AL .	6.1	5.9	seconds of loading a typical cell conne	г					
The Telegraph	6.0	3.8	a special con contro						
Atlantic	5.8	3.2							
#NBC NEWS	5.6	3.1							
TIME	4.9	5.5							
Slate	4.7	3.8							



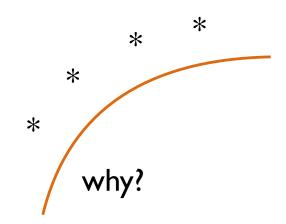
skin in the game again?

who clicks?

Google?

Google ads?

Facebook ads?



skin in the game again?

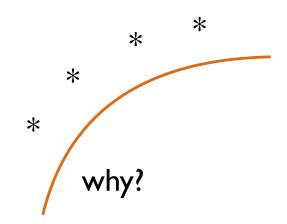
who clicks?

Google?

Google ads?

Facebook ads?

if not you, who?



skin in the game again?

who clicks?

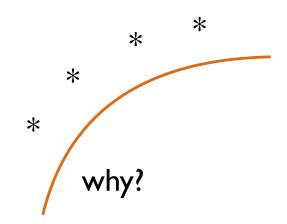
Google?

Google ads?

Facebook ads?

if not you, who?

DuckDuckGo (or similar)?



skin in the game again?

who clicks?

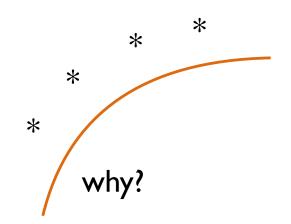
Google?

Google ads?

Facebook ads?

if not you, who?

DuckDuckGo (or similar)? adblockers? cookie snuffers?



skin in the game again?

who clicks?

Google?

Google ads?

Facebook ads?

if not you, who?

DuckDuckGo (or similar)? adblockers? cookie snuffers?



Google, Yahoo clash with 'blunt' ad-blocking firm

Arjun Kharpal | @ArjunKharpal

Thanks for visiting CNBC

We notice you have an ad blocker on.

Advertisements help us provide quality content.

pushback— and forth

TURN AD BLOCKER OFF

Facebook

Facebook v Adblock: the anti-ad empire strikes back

Facebook thought it had thwarted ad-blockers on its network. Facebook was wrong

Ad blocker Shine to become ad platform Rainbow

BY TIM SANDLE FEB 24, 2017 IN TECHNOLOGY

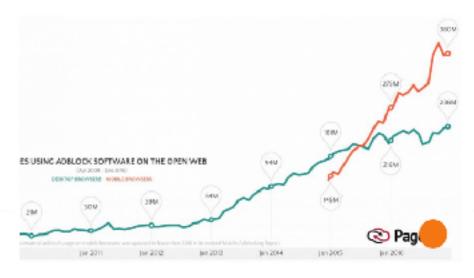
LISTEN I PRINT

The application Shine has, for a long time, offered ad blocking software to web users. Now, in a surprising u-turn, the platform is to be relaunched as a a service with adverts.

Ad blocker usage is up 30 per cent — and a popular way of thwarting it isn't working anymore

Almost three quarters of users simply leave websites with ad block walls

PUBLISHED: Wednesday, 01 February, 2017, 12:52pm UPDATED: Wednesday, 01 February, 2017, 12:59pm

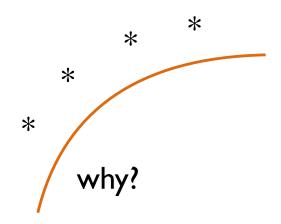


Adblock Plus finds the end-game of its business model: Selling ads

Company touts more than 90 million users willing to see "pre-whitelisted" ads.

When TV Ads Go Subliminal With a Vengeance, We'll Be to Blame





alternative scenarios?

The Telegraph



Advertising

overview

new media

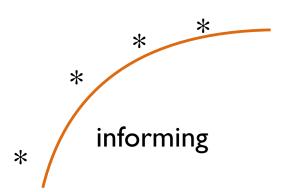
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"every man now knows a ready method of **informing** the Publick of all that he desires to buy or sell"

— Johnson

advertising & informing

advertise: to inform

Chambers: ADVERTISEMENT: an Intelligence or

Information, given to Persons

Bailey: ADVERTISEMENT: Advice, intelligence,

Information, Warning

Johnson: ADVERTISEMENT 2: Intelligence,

information; 3 Notice of anything

published in a paper of intelligence

Wesley: ADVERTISE: to inform



Johnson: ADVERTISEMENT 2: Intelligence, information; 3 Notice of anything published in a paper of intelligence

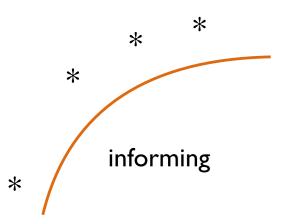
no problem?

from informing to passions

"Genius is shown only by Invention. the Practice of .. filling the News-papers with advertisements, has grown up by slow degrees to its present state ... The man who first took advantage of the general curiousity that was excited by a siege or battle, to betray the Readers of News into the knowledge of the shop where the best Puffs and powder were to be sold, was undoubtedly a man of great sagacity.

"a moral question ... Whether they do not play too wantonly with our passions.""

—Johnson, 1759

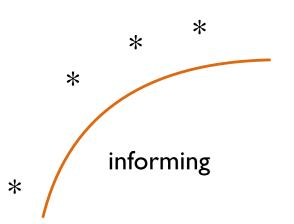


efficient markets not moral questions?

Nobel 20th century view?

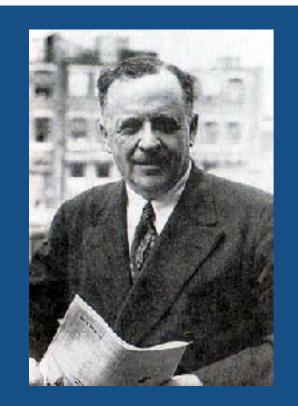
"it is neither necessary nor useful to attribute to advertising the function of changing tastes ... advertising affects consumption not by changing tastes, but by changing price"

—George J. Stigler & Gary S. Becker "De Gustibus Non Est Disputandum," 1977



"Few ladies you know, dare venture at anything out of the common style till authoris'd by their betters-by the Ladies of superior spirit who set the ton" —Wedgwood

wanton play or price change?



Edward Bernays 1891-1995

torches of freedom







Easter Parade, 1929



informing?



wanton play?

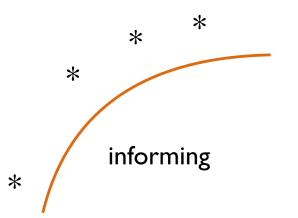
"some inward disposition in the sick Man to favour the Pretensions of the Mountebank.

Love of Life in the one, and of Money in the other, creates a good Correspondence"

—Steele, Spectator

"the seller of the Anodyne Necklace warned every mother that she would never forgive herself if her infant should perish without a Necklace."

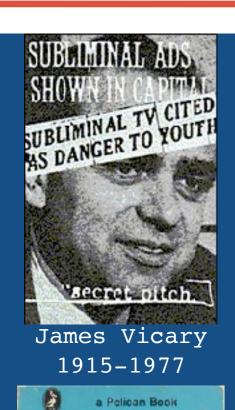
—Johnson, *Idler*



When TV Ads Go Subliminal With a Vengeance, We'll Be to Blame



beyond informing?



The Hidden Persuaders

Vance Packard

1957 James Vicary's subliminal experiments

Packard's persuaders

"by A.D. 2000 ...depth manipulation of the psychological variety will seem amusingly old-fashioned. By then, perhaps the biophysicists will take over with "biocontrol," which is depth persuasion carried to its ultimate. ... Planes, missiles, and machine tools already are guided by electronics, and the human brain-being essentially a digital computer-can be too."

--Vance Packard, Hidden Persuaders, 1957

Big Data and the Quantified Self



biosensing to biocontrol?

.. it's always there when we look for it, available wherever we bother to direct our attention. We can glean it from the pages of a book or the morning newspaper and from the glowing phosphors of a video screen. Scientists find it stored in our genes and in the lush complexity of the rain forest. The Vatican Library has a bunch of it, and so does Madonna's latest CD. And it's always in the air where people come together, whether to work, play, or just gab.

and yet so mysterious? Information, of course.

John Verity in Business Week, special
number on the "Information Revolution," 1994

What is it that can be so pervasive



which information

"cannot be acted upon without attention and thus attention capture and information are essential to a functioning market"

"every second, our senses transmit an estimated 11 million bits of information."

—Tim Wu, Attention Merchants, 2016

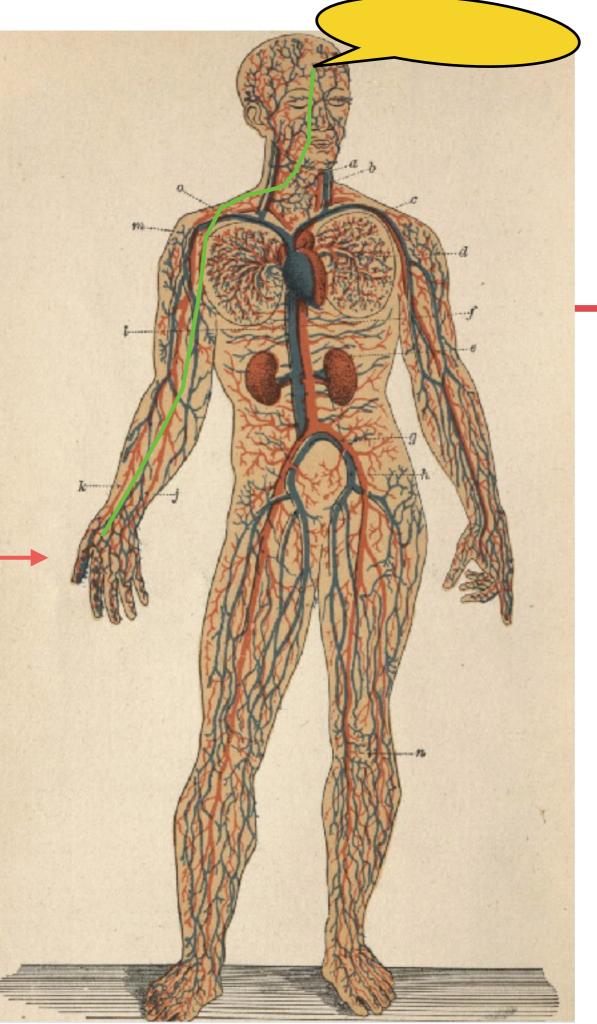
Are Fitbit, Nike, and Garmin Planning to Sell Your Personal Fitness Data?

These popular fitness companies say they aren't selling your info, but privacy advocates and the FTC worry that might change.

"the first duty
of the legislator
... to make
unambiguous
statements which
the common man
will interpret in
one way and one
way only"

Norbert Wiener *Cybernetics*, 1948





"We know that when the eye sees, all the consequent information is

transmitted to
the brain by
means of
electrical
vibrations in
the channel of
the optic
nerve."

Vannevar Bush, "As we may think" 1945



"If we understand the mechanisms and motives of the group mind, it is now possible to control and regiment the masses according to our will without their knowing it, ... Those who manipulate this unseen mechanism of society constitute an invisible government which is the true ruling power of our country. . . In almost every act of our daily lives, whether in the sphere of politics or business, in our social conduct or our ethical thinking, we are dominated by the relatively small number of persons . . . who understand the mental processes and social patterns of the masses. It is they who pull the wires which control the public mind."

—Bernays, Propaganda, 1928

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Substantia Autoriz | Pol 1996

Centenary of the formation of the Women's Royal Naval Service

The Monter's Rows Navel Service (MRMS) was founded in November 1917, as a branch of the Royal Nove t calabrate its contensory an exhibition has opened at the Hallorial Museum of the Revall Wary in Portanguith, charting

w exhibitor, coan flow l'abruary, highlighis early insilitieus refron the 13th and 19th centeries, when women openly use (and worked) with their Fundands on search or dequised themselves as men to allow them to work. Qualer of the shibitor. Voteris Ingles, said. "It is important to recognise that the Wors were extract in effice jobs but were putting

The MRNS discended in 1719 and then referred in 1924, when new roles such as radio operance were neroduced, it weeks until 1918 that I long term Riggs have present forwards use people, and it was 1970 before hence sources. Vens officers and ratings islined HMS Brilliant, as recorded in a 1991 Septets AND DAY WAY COMPANY (SAZAND NAME SCHOOL)

before fad non-cheese polisitie expected Math WELLINGTY, solved was the industrial industrial e Women's Royal Naval Cervice who were serving in combetant shipe in a war zone for the first time."

is 1900 the WEXS was disharded, and women were fully integrated into the Royal Navy.

The first woman in the Royal Hany to be awarded the Military Orace was needs Able Seaman Mais Heabitt. American in

- Persons is Professionals: Woman and the Renal Savu the National Museum of the Rayal New In Performant
- The Salaria: Service regolites of WYPE: efficient and service reports



...trans. To publish in a gazette. Chiefly pass. to be gazetted: to be the subject of an announcement in the official gazette; to be named in the gazette as...

from the first

a suspect relationship

An Advertisement.

Being daily prest to the Publication of Books, Medicines, and other things, not properly the business of a paper of Intelligence. This is to notifie once and for all, that we will not charge the Gazette with Advertisements, unless they be matter of State.

gazette, v. View full entry

The London Gazette.

From Caucabay Jum te. to Manbay June. 15. 1054.



change of mind

change of subject

Besides all other Chymical Preparations, That Great
Preservative, the Elixir Proprietotis, made with the Volatile
Salt of Tartar, so much desired and sought, hath been prepared
by Dr. William Jones, Chymist in Ordinary to his Majesty, in
the presence of Ten of the Chief of the Colledge of
Physicians; And by reason of the great Abuse that hath been
put upon it, by selling the common Elixir instead thereof; It
is now to be had at his own Elaboratory.

—London Gazette, 1678



CEWSMONGERS HALL

2/17 the public sphere 3/5 advertising

modern media

'I lately dropped into a Coffee-Eouse at Westminster, where I found the Room hung. OFFEE HOUS! around with ... Elixirs, Fincture, the Aradine Fotus, English Pills, Electuaries, and in short, more remedies than I believe there are

Richard Steele, Spectator 1712.

coffee house & public sphere

THE VERTUE OF THE Coffee Drink

He Grain or Borry Called Coffer, groweth upon little Treet, only in the Deferts of Arabia.

It is brought from thence, and drunk generally, throughout all the Grand Scignions

It is a fimple, innocent thing, composed into a Drink by being dried in an Oven, and Ground to Powder and Boyled up with Spring Water, and about balls a Pinte of it to be Drurk, Faffing as hour before, and not eating as hour after, and to be taken as hot as polithly can be endured; the which will never fresh the Skin off the Mouth, or raife any Blitlers, by reason of that Heat.

The Turks drink at Meals, and other times, is usually Water, and their Diet comits much of Fruit; the crudities whereof, are very much correfted by this Drink-

The quality of this Drink is cold and drgs, and thought to be a dryer, yet it neither Heits, nor influmes more than hot Posser. It to ejoseth the Orifice of the florach, and fortilies the heat

within, that it is very good to help digetion, and therefore of great use to be taken about there or foure of the Clock in the Afternoon, as well as in the Morning.

This Drink will very much quickenthe fpirits, and make the

It is very good against fore Eyes, and the better, if you held your head over it, and take in the Steam that way.

It fingereffeth fames exceedingly, and therefore good against the Headach, and will very stach floo any defluction of Rhames, that diffill from the Head upon the Storach, and so provers, and help Confumptions, the Cough of the Lungs, Fitts of the Mother, Convuluons, Vapours, 8cc.

wintons, vapours, see.

It is excellent a prevent and care the Droptic, Gout, and Sourvy.

It is known by experience to be better than any other drying

Drink for people in years, or Children than have any running Hutness upon them, as the Kings-Evill, Sec.

It is very good to prevent Micarrying in Child-bearing Women.

It is a most excellent remedy against the Spleen, Hypocondriack Winder, and the life-

It will prevent Drowlinelle, and make one fit for bashedle, if one have tocation to watch; and therefore you are not to Drink of it after Supper, unleffe you intend to be watchfull, for it will hinder Reepe for three or foure houses.

It is observed, that in Turky, where this is generally drunk, they are not troubled with the Stone, Gott, Droptit, or Sturry; and that their Skinnes are exceeding cleare and white-

It is neither Laxative nor Reftringent.

Tehere are many Thousands in Landar who have received much benefit by this Delnik.

leis to be field by fines struck at it savies a faylor by queens coll theory over Devel Acres

and consumables

"The drink called Coffee which is very wholsom and physical drink, having many excellent vertues, closes the Orifice of the Stomack, fortifies the heat within, helpeth Digestion, quikneth the Spirits, maketh the heart lighten, is good against Eye-sores, Coughs, or Colds, Rhumes, Consumption, Head-ach, Dropsie, Gout, Scurvy, Kings Evil, ... Miscarrying ..."



objective media?

Two Portugal Merchants and Vintners ... turning from Merchants and Importers, to be Retailers, and setting up Taverns in every Cellar ... It has restor'd the Trade ... the Poisoning Art of Adulteratings, Sophistications, corrupt Mixtures, and all the abominable Ingredients and Compositions, which turn'd our simple Liquids into Wine ... we may come to have our Portugal Trade restor'd again ... Nothing sells, even in the common Taverns new, but Brook and Hellier ... These Wines were Neat and Natural ... a Glass of Brook and Hellier is the general Entertainment ... if you hear a Drawer call his Wine to be Scor'd, as he comes out of the Cellar, Ten Pints in Eleven shall be Red or White Port .. you shall hear them cry -- thus, A Quart of Brook and Hellier-Score.

--Defoe, Review 1711



objective media?

Mr. SPECTATOR.

Several of my Friends were this Morning got together over a Dish of Tea in very good Health, though we had celebrated Yesterday with more Glasses than we could have dispensed with, had we not been beholden to Brooke and Hellier. In Gratitude therefore to those good Citizens, I am in the Name of the Company, to accuse you of great Negligence in overlooking their Merit who have imported true and generous Wine, and taken Care that it should not be adulterated by the Retailers before it comes to the Tables of private Families or the Clubs of honest Fellows. I cannot imagine how a SPECTATOR can be supposed to do his Duty, without frequent Resumption to such Subjects as concern our Health.

--Steele, Spectator, Friday April 25, 1712



"When these collections shall be read in another century, how will numberless contradictions be reconciled" —Johnson

objective media?

Messieurs Brooke and Hellier Merchants in lane near Bread firees, having experienced that their new natural porto and Viana Wines do give fuch universal Satisfaction, del encouraged further to accommodate the Town, and give Notes they refolve to retail the entire Cargoes of the Sophronia and a Galiles just arriv'd and landing, confisting of 300 Pipes of novi and white Oporto, and 20 Pipes of red and white Anader Winns ing the only Wines of these Sorts in Merchants Hands) in these ral Vaults and Taverns following, viz. in Freeman's yard in Cont under the Crown Tavern in Breadfreet, under a front Houses liabury-Court in Pleeuttreet, under Mr. Rymes a Furrier apiet May-pole in the Strand, and at the Horn-Tavern in Palace Take Westminster , and there is now open'd other Vaults, vis in h Tavern Yard against Billingsgate, in the middle Street is be Buildings, and under St. James's Market house; also on Tuckeri 18th Inttant will be open d the Green-Dragon Tavern in Griyal Lane in Holborn. Note, The Prices of the abovefaid Wines, the Vaults, the new natural red and white Oporto and white Vin 18 d. per Quart and 17 L per Hogikead, and the new red Vill 15 d. per Quert and 1 s l. per Hogshead , and in the faid Tavens Oporto and white Viana at 20 d. and red Viana at 16 d. per Qu Note. The new white and red Anadea Wines are at 25 per @ and 20 l. per Hogshead, and to be had only in the aforestid Value. York-Buildings, and under St. James's Market-Hot fe.

ADVERTISEMENTS.

This Day is Publith'd, the Government and the Creditors of the Mavy, Ur. As it relates to the South-Sea Trade; and the Injustice of the Transactions on either Side Impartially enquir'd inte. Pr. 2 d. Juft Publishid, an Bitay on the South-Sea Trade, by the Author of the Review. Pr. 6 d. High-Church A phorisms by those Twinn Brothers in Scandal, the Examiner and modelt Abel. Pr. 6d. Prioted for J. Baker in Paser. Noffer-Row.

HIS is to give Notice, That Messieurs Brook and Hallier of London, Merchants, who do now give fuch general Satisfaction to Retailing their New Natural Portugal Wines in the faid City, (being the best that have come from Furth-

gal for many Years past) have for the more THE true State of the Cafe between effectual supplying the other Parts of the Kingdom, caus'd Ships to Sall directly from Paringal to the following Pieces, where they are Arriv'd with the like Natural Wines, being the only New Wines that are now there, or can Arrive this Scafon ; which Wines are to be fold by the following Perfons, in the refpective Places, vit. By Mr. Barth. Avent in Plymouth; Meffieurs Fames and John Arnold in Parelmouth; Mclieurs Fames Waheman, and John Negus in Tormouth | Mr. Fofeth Taylor of Wysbich in Lynn Regis; Mr. Crowle in Hull; Mr. Fof. Stone in Gainsborough; Mr. William Proflor in Newcafile upon Tyne: Note, the Price, wit. The Viana Wines at 14 J fer Hoghead or at 5 s. 4 d. per Gallon, and the oporto Wines at 16 % per Hogherd, or os.per

Printed for and fold by John Baker at the Black Boy Pater-Noffer Row. 1711.



a suspect relationship



"No Advertisement was ever admitted to it, tho earnest Application was made for it ... It made its own way into the World"

— John Oldmixon, writing about *The Medley,* launched in 1710.

[it survived for 45 issues]

"All the public papers now on foot depend on advertisements." -- Defoe, Review, 1705



A key feature of most ASM is ... Social Media + Society the lack of advertisements on sites such as GNU social, Galaxy2, Diaspora, and Lorea.

The Case for Alternative Social Media

Robert W. Gehl

First Published September 18, 2015 | research-article

a suspect relationship



"No Advertisement was ever admitted to it, tho earnest Application was made for it ... It made its own way into the World"

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[it survived for 45 issues]

"All the public papers now on foot depend on advertisements." -- Defoe, Review, 1705



A key feature of most ASM is ... Social Media + Society the lack of advertisements on sites such as GNU social, Galaxy2, Diaspora, and Lorea.

The Case for Alternative Social Media

Robert W. Gehl

First Published September 18, 2015 | research-article

a suspect relationship

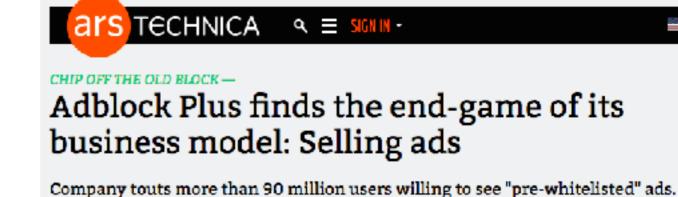


"No Advertisement was ever admitted to it, tho earnest Application was made for it ... It made its own way into the World"

> — John Oldmixon, writing about The Medley, launched in 1710.

[it survived for 45 issues]

"All the public papers now on foot depend on advertisements." -- Defoe, Review, 1705





the presses (and the dependency) roll on

"1754, the [*Daily* Advertiser] appeared in the format which was to be the standard for the English newspaper until The Times added a fifth column in 1808. Hence the Daily Advertiser may fairly be regarded as the first modern newspaper."

--Stanley Morison

16-Hofl-3.9.17-Ads-PD 31

1731: Daily Advertiser

1744: General Advertiser

1751: London Advertiser

1752: Publick Advertiser (Junius)

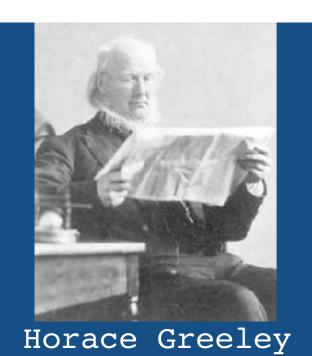
1772: Morning Post & Daily Advertiser







who's selling what to whom?



1811-1872

"We lose money on our circulation by itself considered, but with 20,000 subscribers we can command such Advertising and such prices for it as will render our enterprise a remunerating one."

—Horace Greeley, New York Tribune, 1841

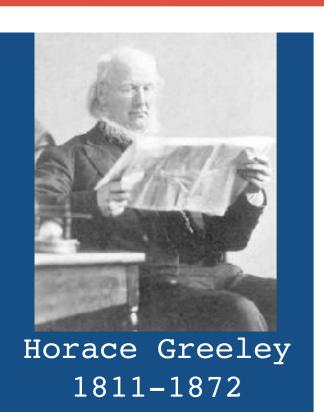
"We come here simply as news merchants. We are here to sell advertising and sell it at a rate profitable to those who buy it."

—Scripps-Howard Press, 1921





who's selling what to whom?



"We lose money on our circulation by itself considered, but with 20,000 subscribers we can command such Advertising and such prices for

it as will remuneration

"We come he are here to



If you are not paying for it, you're not the customer; you're the product being sold.



new technologies, old questions



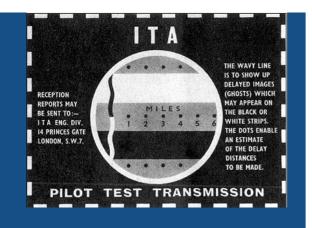
still suspect

"It is inconceivable that we should allow so great a possibility for service to be drowned in advertising chatter."

—Herbert Hoover, 1922



anti-ad inoculation





John Reith 1889-1971

"Somebody introduced Christianity into England and somebody introduced smallpox, bubonic plague and the Black Death. Somebody is minded now to introduce sponsored broadcasting ...

Need we be ashamed of moral values, or of intellectual and ethical objectives? It is these that are here and now at stake."

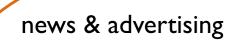
--John Reith, director general of the BBC (1923-1939), 1954







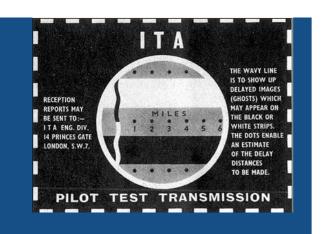


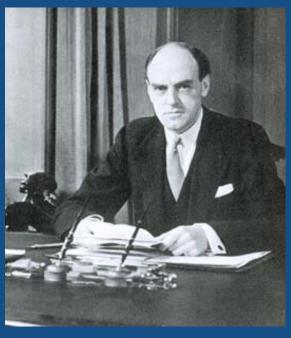


*

*

anti-ad inoculation





John Reith 1889-1971

"Somebody introduced Christianity into England and somebody introduced smallpox, bubonic plague and the Black Death. Somebody is minded now to introduce sponsored broadcasting ... Need we be ashamed of moral values, or of intellectual and ethical objectives? It is these that are here and now at stake."

> --John Reith, director general of the BBC (1923-1939), 1954

suspect relations & black arts

Coming Up: Storage & Search March 11

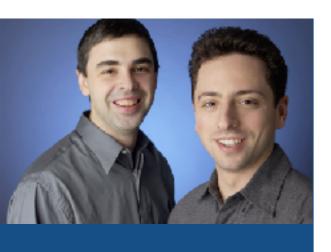
"In 1993, 1.5% of web servers were on .com domains. This number grew to over 60% in 1997. At the same time, search engines have migrated from the academic domain to the commercial. Up until now most search engine development has gone on at companies with little publication of technical details. This causes search engine technology to remain largely a black art and to be advertising oriented. ... we have a strong goal to push more development and understanding into the academic realm."



In Race Against Fake News, Google and Facebook Stroll to the Starting Line

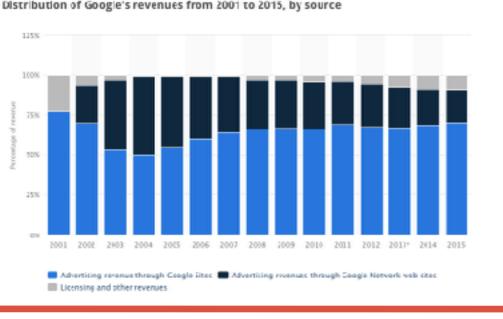
By DAISUKE WAKABAYASHI and MIKE ISAAC JAN. 25, 2017

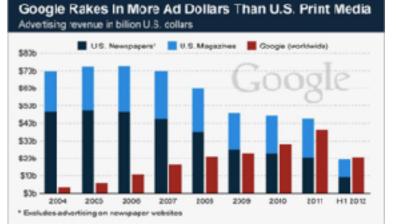
suspect relations & black arts



Coming Up: Storage & Search March 11

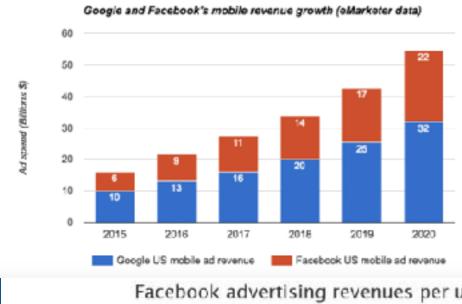
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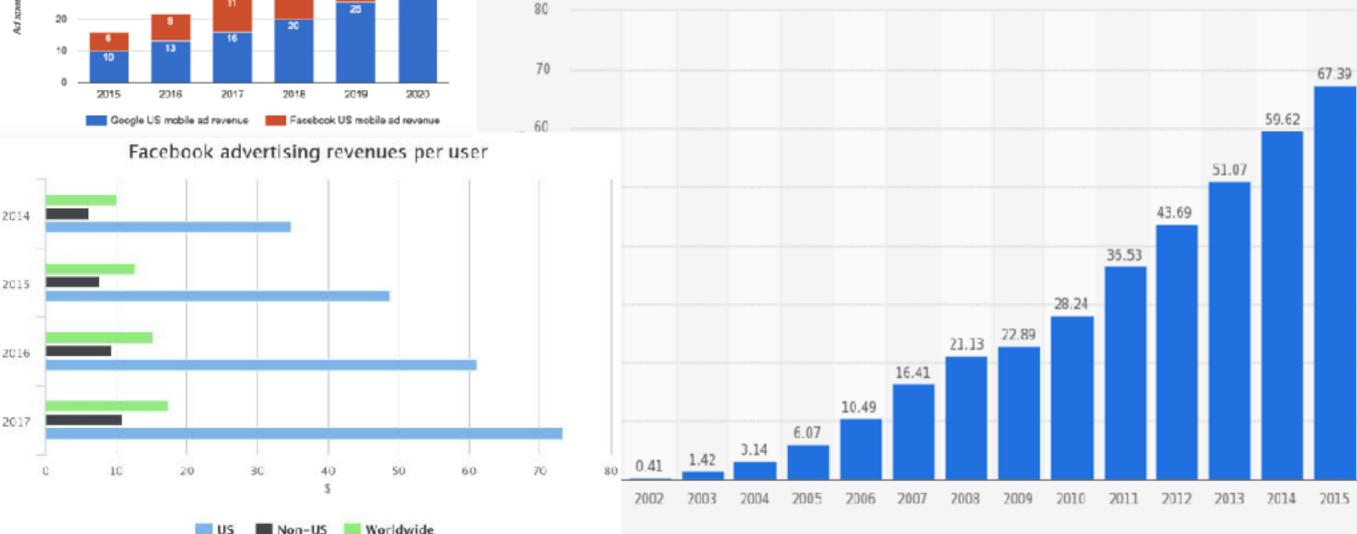


growth curves ...

Advertising revenue of Google from 2001 to 2015 (in billion U.S. dollars)



... and "black arts"





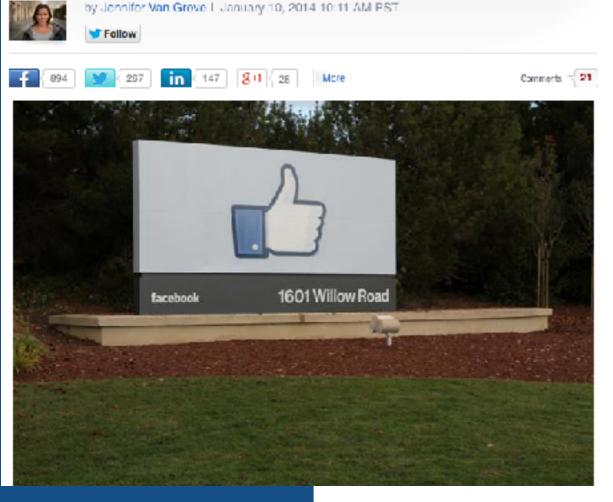


more black arts?

CNET > News > Internet & Media > Facebook accused of faking member endorsements

Facebook accused of faking member endorsements

A new lawsuit alleges that the social network falsifies members' likes for its sponsored ads.



YELP WANTED

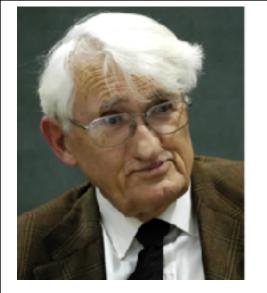
FTC Complaints About Yelp Allege Extortion,

Wednesday, January 23, 2013, by Paula Forbes



[Photo: Michael Dorausch]

A Freedom of Information act request filed with the FTC has resulted in the release of nearly 700 complaints against Yelp over the past four years.



"The basis of our governments being the opinion of the people ..."

—Thomas Jefferson, 1787

transforming opinions

internet as public sphere

"'Public Opinion' takes on a different meaning depending on whether it is brought into play as a critical authority ...or as the object to be molded in connection with a staged display of ... publicity in the service of persons and institutions, consumer goods, and programs ... Both forms ... compete in the public sphere ..."

—Jurgen Habermas,

Structural Transformation of the Public Sphere, 1989

Advertising

overview

new media

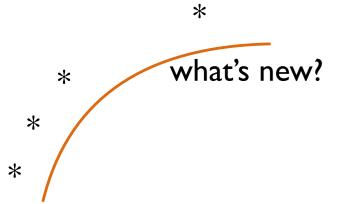
what's new?

news & advertising

informing

why advertising?

_Hofl-1.17.17-Intro-PD 39



"The Vender of the Beautifying Fluid ... confesses that it will not restore the bloom of fifteen to a Lady of fifty." — Johnson

annihilation of face or time?



Roman face cream, c. 50AD New Scientist, July 2003

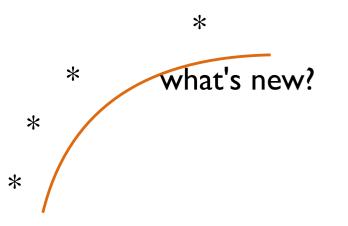
forever young, forever anxious

For eyes that are shining For cheeks like the dawn,

For beauty that lasts
After girlhood has gone,

For prices in reason
The woman who knows
Will buy her cosmetics from Aesclyptöe

16-Hofl-3.9.17-Ads-PD 40



If it plese any man spirituel or temporel to bye ony pyes of two and thre comemoracions of Salisburi vse enpryntid after the forme of this present lettre whiche ben wel and truly correct, late hym come to wetmonester in to the almonesrye at the reed pale and he shal have them good chepe.

an old acquaintance



William Caxton 1417?-1492

1475[?] print to England

1477: the pyes of salisbury

If it plece only man spirituel or temprel to bye only zies of two and thre comemoracios of salisburi vie enpryntid after the forme of this preset lettre whiche ben wel and truly correct late him come to wellmornester in to the almonesty's at the reed pale and he shall have them good there...

Suplim let adula



* what's new?

*

300 years on and near perfection

224 The IDLER. Nº 40

Nº 40. Saturday, January 20.

THE practice of appending to the narratives of public transactions, more minute and domestic intelligence, and filling the News-papers with advertisements, has grown up by slow degrees to its present state.

GENIUS is shewn only by Invention. The man who first took advantage of the general curicfity that was excited by a fiege or battle, to betray the Readers of News into the knowledge of the flop where the best Puffs and Powder were to be fold, was undoubtedly a man of great fagacity, and profound skill in the nature of Man. But when he had once fnewn the way, it was easy to follow him; and every man now knows a ready method of informing the Publick of all that he defires to buy or fell, whether his wares be material or intellectual; whether he makes Cloaths, or teaches the Mathematics; whether he be a Tutor that wants a Pupil, or a Pupil that wants a Tutor.

"The trade of advertising is now so near perfection that it is not easy to propose any improvement. But as every art ought to be exercised in due subordination to the public good, I cannot but propose it as a moral question ... Whether they do not sometimes play too wantonly with our passions."

"Having once achieved perfection in production, [Wedgwood] must achieve perfection in sales and distribution" — McKendrick

--Samuel Johnson, 1759

WHAT-

* what's new?

*

"It is difficult ... to understand the excitement that was generated by pottery and porcelain in the eighteenth century" —McKendrick

wedgwood







* what's new?

*

"It is difficult ... to understand the excitement that was generated by pottery and porcelain in the eighteenth century" —McKendrick

wedgwood







what's new?

*

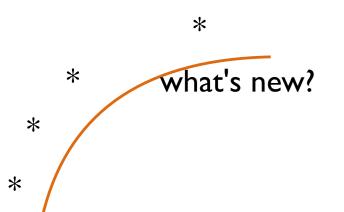
"It is difficult ... to understand the excitement that was generated by pottery and porcelain in the eighteenth century" —McKendrick

wedgwood









marketing innovations?

product placement
wedgwood stores
courting royalty
going global
self-service
free postage
puffing



marketing innovations?

"Warehouses, showrooms, exhibitions, trademarks, new standards of display, puffing articles ... free carriage, traveling salesmen ..." 16-Hofl-3.9.17-Ads-PD 44

product placement
wedgwood stores
courting royalty
going global
self-service
free postage
puffing



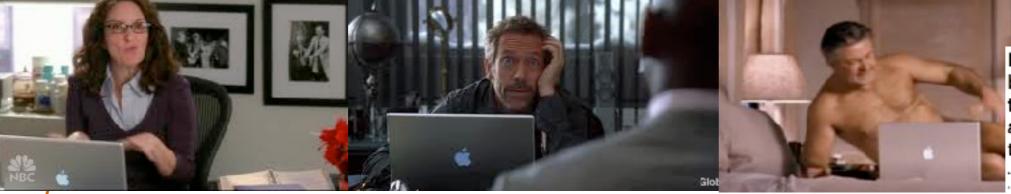
marketing innovations?

"Warehouses, showrooms, exhibitions, trademarks, new standards of display, puffing articles ... free carriage, traveling salesmen ..." 16-Hofl-3.9.17-Ads-PD 44

product placement
wedgwood stores
courting royalty
going global
self-service
free postage
puffing

"aristocracy ...
blocking the streets
outside Wedgewood's
London showrooms"





marketing innov

Ivanka stuns in a \$4,300 strapless black gown as she and Jared attend the White House Governor's Ball after a big family day out at the monster trucks

- Ivanta sturned in black alongside husband Jared for Governor's Ball Sunday
- She was soon wearing sleeveloss black gown as she posed for photo at her home
 A dapper Jared complemented his wife's glamareus leak with a black suit and tio
- Earlier on Gunday, Ivanks shared images of her and son, Joseph, at Monster Jam
- They were an apped in a cab of one of the trucks as well as posing with a driver

Ry CALYMAIL COMREPORTER and VALERIE SIERERT FOR DAILYMAIL COM











Ivanka Trump sturned in black slongeide her husband Jared Ruzhner at the White House Governor's Ball, just hours after they enjoyed a day out watching monster



"Warehouses, showrooms, exhibitions, trademarks, new standards of display, puffing articles ... free carriage,

traveling

salesmen ..."

16-Hofl-3.9.17-Ads-PD 44

product placement
wedgwood stores
courting royalty
going global
self-service
free postage
puffing

"aristocracy

The first daughter was seen wearing a sleevaless black/blue gown, possibly a \$4,755 I Neodel dress, as her husband wore a black suit and lie.

blocking the streets

outside Wedgewood's

London showrooms"



Asia & Pacific

From diet pills to underwear: Chinese firms scramble to grab Ivanka Trump trademark



the branded world



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_Hofl-1.17.17-Intro-PD 46



May 1842



Coming up: Technologies of the Image March 16

new technology an old route



Illustrated London News (1842-1971)



May 1842



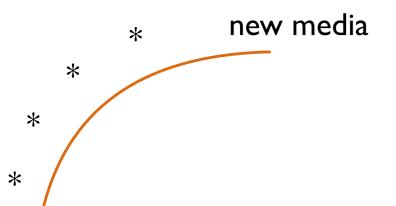
Coming up: Technologies of the Image March 16

new technology an old route



Illustrated London News





new opportunity



BELT DRAWERS,

GENTLEMEN'S UNDERCLOTHING.

The Article is formed on a principle that affords to the wearer a nice, gentle, and uniform support to the loins, abdomen, &c., imparting therewith a sense of remarkable comfort, as also a pronounced healthful influence.

Moderate price and excessive durability, rendering the article an economical garment withal.

Makers and Originators of the Article,

SANDLAND & CRANE, Øentlemen's Mosiets, 55 REGENT STREET, LONDON.

(The Quadrant section of the Street, and next to Swon & Edgar's.)

Illustrated Prospectus & Price List on application.

TRAIN YOUR MOUSTACHE IN THE WAY IT SHOULD GO.

CARTER'S

THRIXALINE

is a unique transparent fluid for training, fixing, and beautifying the Moustache of all sorts and conditions of men. Has never been equalled for holding the Moustache in any position. Prepared only by

JOHN CARTER, HAIRDRESSER,

17, FLEET STREET, E.C.

Price, post free, 2/9, 5/9, and 10/9.

CLAXTON'S DOUBLE CHIN CURER.

Patent 19381/04

Forirestoring contour of face in advancing years. Gives an even support under

chin; will fit any size or shape head. No measurements required.

Price One Guinea, Post Free.
Please cross Cheques and Orders
"Courts & Co."

P. CLAXTON

(Patentee of Ear Cap). 108, STRAND, LONDON, W.C.



Corset Attachment WHITE

The "TITAN" (Regd.).

Indispensable with the present tight-fitting skirt.

Produces straight front without increasing size of
waist or impeding action in walking, as it does not
require stocking-suspenders to keep it in position.

Guaranteed not to ride up or wrinkle.

Idealises the symmetry of the figure and gives indescribable elegance to the simplest gown.

Beduces High Figures and Large Hips.

Reduces High Figures and Large Hips. Restores the Figure after Confinement. Affords great support with perfect case, and gives permanent satisfaction to the wearer.

Can be attached without sewing to any corset. Under sirts can also be attached without sowing to the lower edge, thus further reducing size. Wern by Royalty, Recommended by the Medical Profession. Thousands of unsolicited testimonials.

N.B.—When ordering, the size round largest part of nips should be given. Every Attachment is stamped "TITAN."

In Black, White, and Ecru, price 5/9.

Of all the best Oropers and Ladies' Outlitters,

Ozoft 68 Primes and Sole Manufacturer,

A. WHITE, 1, 2, & 3, Langley Court.



TO US WORN THREE TIMES IN THE WEEK.

TOILET MASK

(OR FACE GLOVES)

Is a natural beautifier for bleaching and preserving the skin and removing complexional imperfections. It is soft and flexible in form, and can be WORN without discomfort or inconvenience.

It is recommended by eminent physicians and scientists as a substitut for injurious competies.

COMPLEXION BLEMISHES may be hidden imperfectly by on metics and powders, but can only be removed permanently by the Tolk Mask. By its use every kind of spots, impurities, roughness, etc., vanis from the skin, leaving it soft, clear, brilliant, and beautiful. It is harm less, costs little, and saves pounds uselessly expended for cosmetic powders, lotions, etc. It prevents and removes wrinkles, and is both complexion preserver and a beautifur.

Illustrated Treatise, with full particulars, post free, 3 stamps.

THE TOILET MASK CO. 139, OXFORD STREET



WHITE'S

FEMAIL TODAY

Hallie Biden steps out for afternoon shopping trip with her sister wearing her wedding band and late husband Beau's dog tags Outing in Delaware

French Montana lets it all hang out after six pack Instagram snap while holidaying with Rob Kardashian's 'ex' The 32-year-old rapper kicked back in Hawaii



Ava, 17, could be twin sisters as they grab lunch in Santa Monica Age-defying looks Nicola Pettz puts on revealing display in

Mother-daughter doppolgangers! Reese Witherspoon, 40, and

- VERY high cut swimsuit as she jets to Hawaii after romantic dinner date with boyfriend Anwar Hadid
- Calvin Klein, 74, strips off to soak up the sun in St. Barts accompanied by mystery younger Reclined on a sun bed in
- the Caribbean Model Lucky Blue
- Smith, 18, emerges with pregnant girlfriend Stormi Bree, 26, for first time since baby news... as she flashes hint of a bump
- The bare heir: Lovestruck Prince Harry 'mocked by pals after waxing his chest to impress girlfriend Meghan Markle* Notably smoother chest
- Scarlett Johansson 'files for divorce' from French husband Romain Dauriac amid claims split 'may lead to















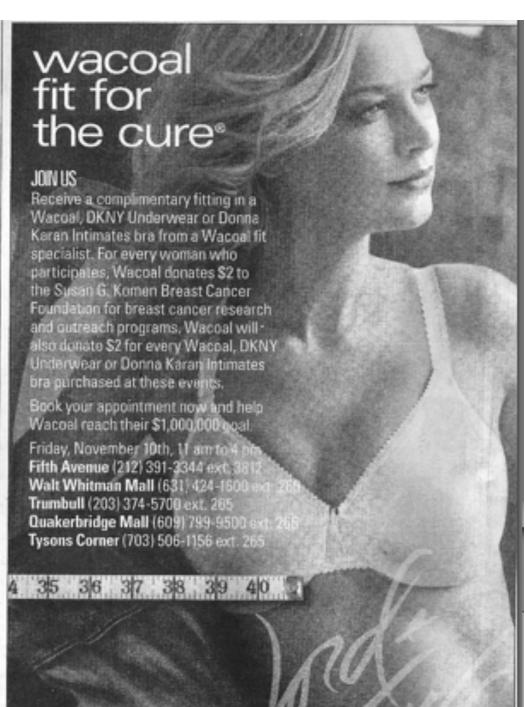






continuity or change?







1897, Sears, 318,000 subscribers

1904, I million

1905, 2 million

1907, 3 million

1927, 10 mill letter, 15 mill general catalogues, 23 mill sales cat; 75 mil in all

magazine to catalogue ... to web?



1862: Homestead Act

1887: Montgomery Ward, 540pp, 24,000 items

1888: Sears Watch Co. catalog

1896: Rural delivery

[USPO: catalog: "aids in the dissemination of knowledge"]

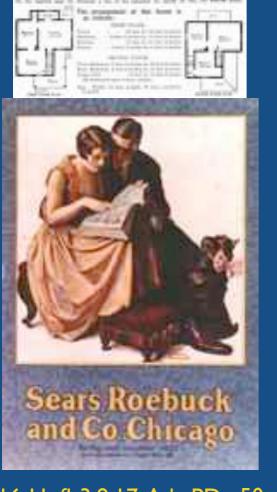
1893: Sears, Roebuck & Co, catalog [318,000 subscribers]

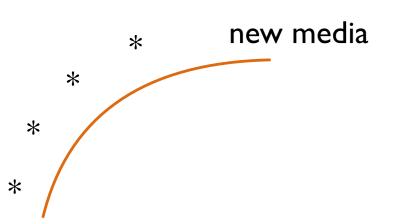
1897: first color catalog

1908: catalog homes: Book of Modern Homes and Building Plans (25 tons, 30,000 parts)

1908-1940: 100,000 homes sold

1968-1974: the whole earth catalog





new media new opportunity

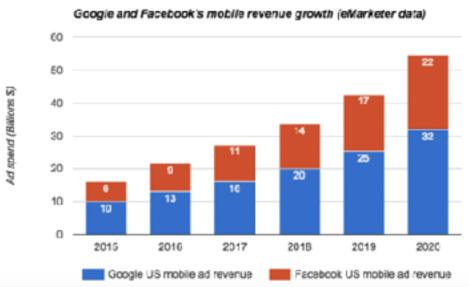


1903: telephone advertising

1909: telephone newspaper

"pretty soon we'll be able to flop over in bed mornings, turn on a telephone-like arrangement and listen to a summary of news from all over the world without getting up out of bed"





* new media * *

predictable uses?

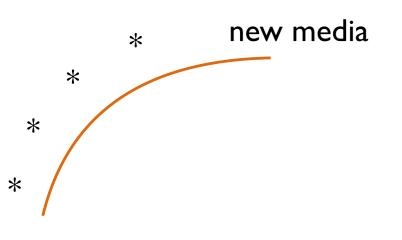
"Rural telephones are now playing an important part in the campaign of all parties in this state. The latest idea is to put a huge phonograph into the operating room of a rural telephone exchange and have records of campaign speeches turned on. Then the wires leading to the different grangers' houses are opened and the farmer can hear all, while shelling corn in the kitchen."

-- Telephony, 1908

"My telephone is far more of a nuisance to me than it is a convenience," said a housekeeper yesterday, "and I think I will have it removed, if I am called up as much in the future as I have been during the past week by theater agents, and business firms, who abuse the telephone privilege, using it as a means of advertising."

-- Union & Advertiser (Rochester),1909

forever young



For eyes that are shining For cheeks like the dawn,

For beauty that lasts After girlhood has gone,

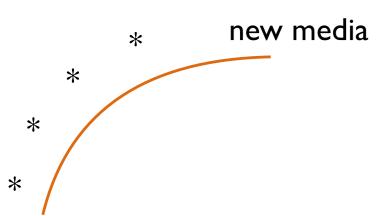
For prices in reason The woman who knows

new media Will buy her cosmetics from Aesclyptöe -old anxieties

Woodbury







new media

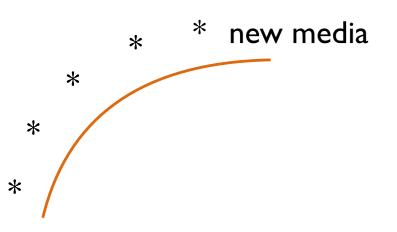


PROCTER & GAMBLE

Ivory







new media (again)





From: Laurence Canter - view profile Not yet rated

Date: Tues, Apr 12 1994 12:40 am show options

Green Card Lottery 1994 May Be The Last One! THE DEADLINE HAS BEEN ANNOUNCED.

The Green Card Lottery is a completely legal program giving away a certain annual allotment of Green Cards to persons born in certain countries. The lottery program was scheduled to continue on a permanent basis. However, recently, Senator Alan J Simpson introduced a bill into the U. S. Congress which could end any future lotteries. THE 1994 LOTTERY IS SCHEDULED TO TAKE PLACE SOON, BUT IT MAY BE THE VERY LAST ONE.

PERSONS BORN IN MOST COUNTRIES QUALIFY, MANY FOR FIRST TIME.

The only countries NOT qualifying are: Mexico; India; P.R. China; Taiwan, Philippines, North Korea, Canada, United Kingdom (except Northern Ireland), Jamaica, Domican Republic, El Salvador and Vietnam.

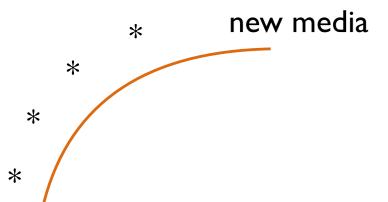
Lottery registration will take place soon. 55,000 Green Cards will be given to those who register correctly. NO JOB IS REQUIRED.

THERE IS A STRICT JUNE DEADLINE. THE TIME TO START IS NOW!!

For FREE information via Email, send request to c...@indirect.com

.....

Canter & Siegel, Immigration Attorneys
3333 E Camelback Road, Ste 250, Phoenix AZ 85018 USA



revolution?

The London Gazette.

publifted by Authoutp.

From Chitgebay fune it. to @Bonbuy June 15. 1674.

Durrich, line ;.

Ur Loren from We foref de ; inforce ! at, The fore of the Deposits of Lyther-pla halle's the Deer, which is dill affen-bed them, and need departed on their new hour, having a Procedure behind them appeal for recordings of the Dres, the occasion of which is faid to be. Then the Carlo new obselve forme points to printerect in the Path Caseste, which they deline colorating the regularing the livings Hombald. Hastron what, the Diver stitizant inches any regard mobile Procedurious constituted site Partie Camputag and that the Kinghad Joseph to them gint therefore formation in the Aber Church at Manface, The Biege Corontains is opposited to be the so of the new month, except the publish angungture of offers dominate, in which and it will be delented will are souther, as when one is all the extreme to the Commerce; the King has not anythe difficient of the parameter and of many in the Kingdon, and ourse by his commerce of the Queen Done, agent has a yearly liference of the One Collection light has, with liberty on notificing any other when it has been applied by , with liberty on notificing any other when it has been applied by the collection of the collection Eth Tertino jes, compe Greater or forme other form-fied places on the senders of \$1500.

Franciars, Law 13. The day emissed for the Duke of Bearster, its, and in more white Trough, publishier inchrer thee had Hank and one establish four will bellem, and sain the state hard over our fielder. The last night development of Kickberg. nes Larger either from this piec, under ten patigit the Hang will confi their mode southed before the Rector, in order to their bosing was the red of the confedence. Though in the Pala-

Cobitant, four la, Out Letters from Meanbearg) falonn die That the publicate I was i der the Consigned at the old Dubriel Levi for had not Council to Clarers, non-harring been able to perfeade the Magillanes at the place is not the date to gate the Representation of the Period of the Commend of Conditions of the Representation Migiffenes of etar place se perfeit ilena to gote abein the first time within Troopi is Highers, which there is a reviewed to first first

Largest Sea Bares, as Tracpool Hork, and pop Date gome, who were therein in the forest of one flictor, and the Transbeing medical between the imperor and his Elektral Eighnein, their Offices the first which is not not proposed in the contract of the first of the hang var milly interned the Officer, are made-ingthe var to the ferrice, at they give out, in the imperied damp which, it we are told, will decomp the days and much most hale Marke, the General France observer assoct worth Districts, having out-ed ferred Officer once youthed with druth, for these

ed fewerd Offices to be puritied atthetrals, for their top had kept parent en feltim ye. Our filator to fement these feet atte had kept parent en feltim ye. Our filator to fement these feet feet filators at the largest Army, one of Houle, Commended by Colonel Multitager, at gradient make Excellent fight and Monther Fragatient are Colonels; the fielt is now in Garrillon of Kayler, sector, and shoulder as Right forg.

An inColonell, which had him force that entering the input of Army, which had him force that entering the input of Army, which had him force that entering the input of Army, which had him force that entering the input of Army, which had him force of the place their entering bodyed atthinstips to filator to filators and shall paint day the Armillery and Bayers atthint, with the films, they be falled at force on factor in fact with the Army, they be the faulter Volcan.

a larger of it, and the lighter of Ratins in See by
the General is reader to receive them. The champ
will constitute in its Quarrege that the contributions,
leiters and received large the the contributions.
Lights were lightly for them here your quarriproof thems were lightly for them here your quarriproof thems to be fally cryaft have Martines
Energous, once in the large cryaft have Martines
Energous, once in the large cryaft have Martines
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March 9, 2016 at

"o: danielhemandx2009@gmail.com, pauldugxid@gmail.com, csthebadone@gmail.com, and 1 more... If you tired of buying expensive useless medications try visiting our online phenmacy nov!

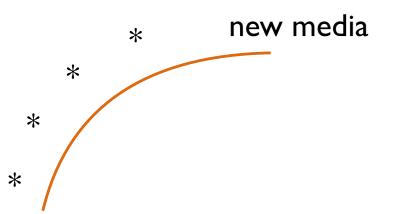
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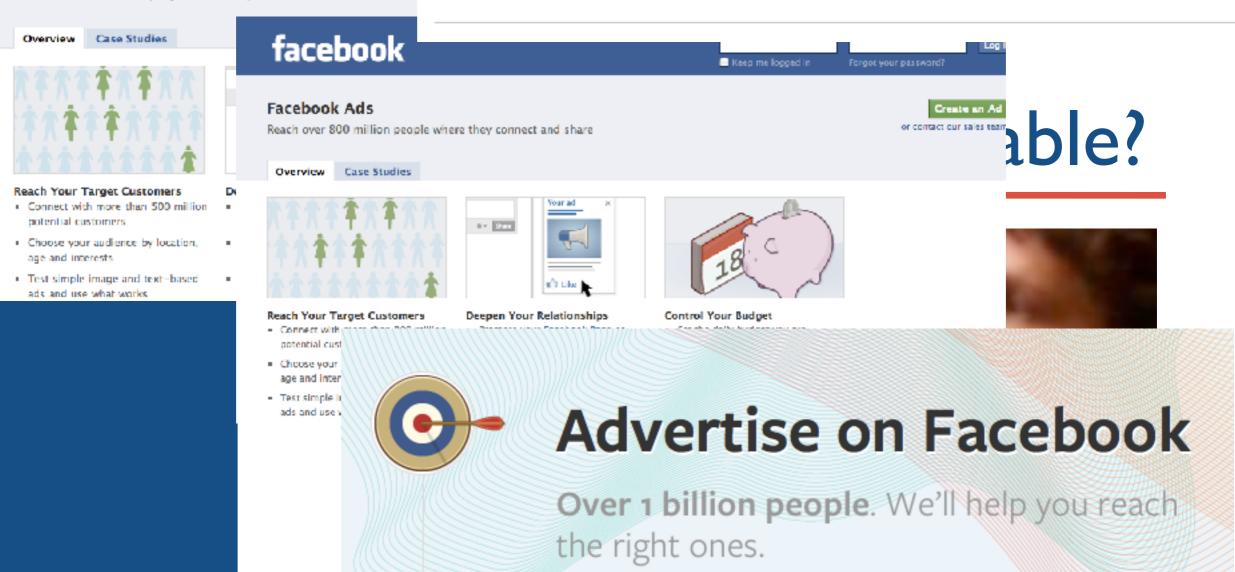
facebook

Facebook tops 3M advertisers (more than 20x as many as Twitter)

Facebook Ads

Reach over 500 million people where they connect and share

Mar 2 2016, 14:01 ET | About: Facebook (FB) | By: Eric Jhonsa, SA News Editor ■



WHAT'S YOUR GOAL?

There's a Facebook business tool for every business goal

Whether you sell in person, online or through an app, you know what you'd like to do next as your business grows. More than 1.8 billion people use Facebook every month to connect with friends and family and to discover things that matter. Marketing on Facebook helps you find new customers and build lasting relationships with them.

All the right people

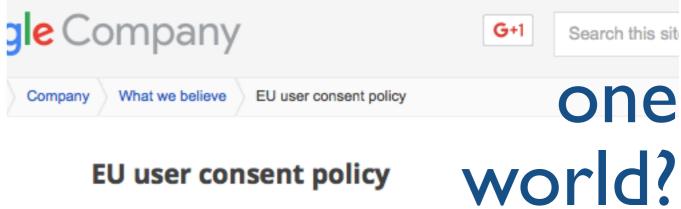
More than 1.4 billion people use Facebook to connect with what matters to them, and more than 900 million visit every day. ¹ When you run a Facebook Ad, you choose the audiences that see it by location, age, interests and more.

TECHNOLOGY NEWS | Fri Oct 28, 2016 | 1:08pm EDT

EU data protection watchdogs warn WhatsApp, Yahoo on privacy



A 3D printed Whatsapp logo is seen in front of a displayed stock graph in this illustration taken April 28, 2016. REUTERS/Dado Ruvic/Illustration



When using Google products that incorporate this policy, certain disclosures must be given to and consents obtained from end users in the European Union where EU data protection law requires such disclosures and consents.

For end users in the European Union:

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THE STACK | APPLICATIONS AND PLATFORMS

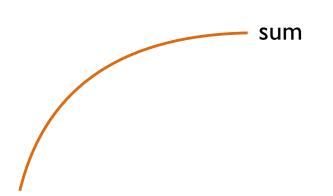
Telecom chief calls for Google/Facebook regulation, while Google changes search algorithm to reflect 'fact accuracy'



NEWS

Google gets privacy policy lesson from EU data protection authorities





in sum

where do advertising and informing differ?
can we imagine a world without advertising?
what are the costs/benefits of that world?
are we prepared to bear them?
once more, whom to trust in a world of ads?



coming up

WEEK 9

14 March: Communications "Revolution"

This week we turn to more widely acknowledged information technologies, the telegraph and the telephone and once again consider the claims that were made for them at the time and how those claims look today. The class also brings us into California with Henry George's essay.

Required Reading

George, Henry. 1869. "The Western Union Telegraph Company and the California Press," New York Herald, April 25. Source: bCourses [hyperlink]

Green, Norvin. 1883. "The Government and the Telegraph, " North American Review 137: 422-434.

Source: Hathi Trust [hyperlink №]

Hubbard, Gardiner G. 1883. "Government Control of the Telegraph," North American Review 137: 521-534.

Source: Hathi Trust [hyperlink №]

[note: the right-hand ends of lines on pp. 528-534 of this article have not been properly scanned, but you should be able to understand the article nonetheless.]



assignment, due 3/12

How do the views of Hubbard, Green, and George towards the management of the telegraph differ? Who do you think has the best argument? Do any of these arguments throw light on the management of the Internet?