The Inevitability of Web3: Macro Cycles in Tech and Media



Seth Shapiro May 2023





























































































THE FORCES OF THE BUSINESS CYCLE

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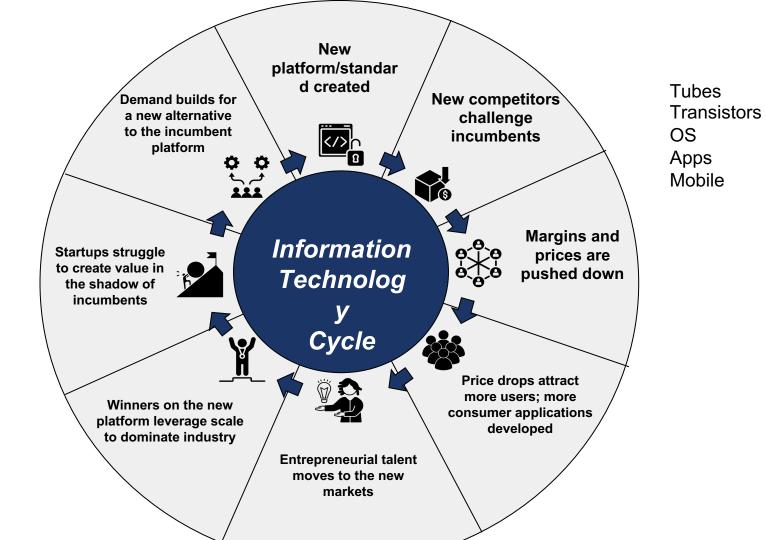
PROSPERITY

REVIVAL

LIQUIDATION

DEPRESSION

Normal

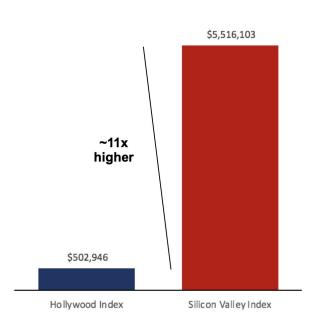






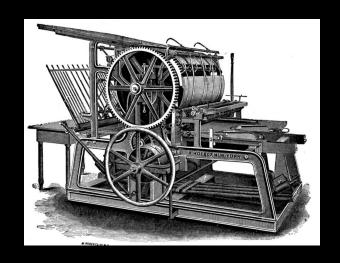


Current Combined Market Cap



A Brief History of 20th Century Media I. New Tech → Product Innovation





- 1 Fires publishers
- 2 Buys magazines
- 3 Publishes himself
- **4 Creates the Cliffhanger**

A Brief History of 20th Century Media I. New Tech Product Innovation











Stable Products Business Unit Definition

Publishing

Content:

Distribution:

Film

Content:

Distribution:

Television

Content:

Distribution:

Music

Content:

Distribution:

Stable Products Business Unit Definition

Publishing

Content: Books, Newspapers, Magazines

Distribution: Presses, delivery

Film

Content: Motion Picture Production

Distribution: Exhibition, regional and platform rights

Television

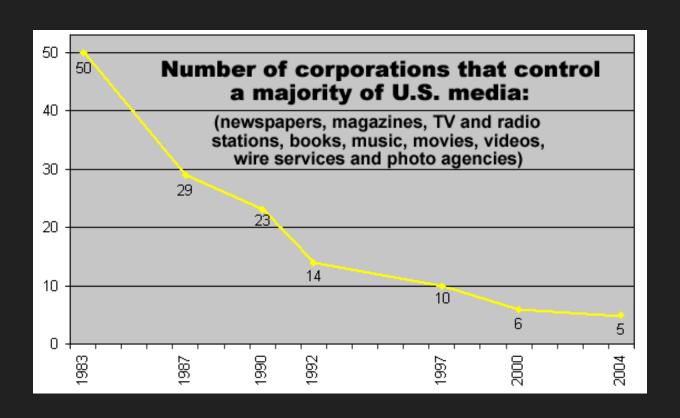
Content: Programming and Advertising Distribution: Broadcast, Cable, Satellite

Music

Content: Recordings and Performances

Distribution: Replication, Delivery

3. Business Unit Definition M&A





4. M&A Oligopoly

Walt Disney Company Disney Pictures Buena Vista Pictures Touchstone ESPN ABC WDIG Disneyland Parks

Time Warner HBO Warner Bros Turner Networks Warner Music New Line (formerly) AOL

Viacom CBS Paramount MTV Networks Showtime Nickelodeon BET CMT Comedy Central

News Corp FOX FX Networks FOX News Foxtel Wall Street Journal NY Post London Times DIRECTV

Comcast/NBC Universal Comcast Cable NBC MSNBC CNBC Universal Parks Telemundo USA Bravo

Sony Columbia Tri Star Sony Pictures Sony Music Sony Computer Sony Electronics

Foundation: Constrained Supply

- Walt Disney Company Disney Pictures Buena Vista Pictures Touchstone ESPN ABC WDIG (Internet Group) Disneyland Parks
- Time Warner HBO Warner Bros Turner Networks Warner Music New Line (formerly) AOL
- Viacom CBS Paramount MTV Networks Showtime Nickelodeon BET CMT Comedy Central
- News Corp FOX Companies FX Networks FOX News Foxtel Wall Street Journal NY Post London Times DIRECTV
- Comcast/NBC Universal Comcast Cable, NBC, MSNBC, CNBC, Universal Parks Telemundo, USA Networks, Bravo
- **Sony** Columbia Tri Star Sony Pictures Sony Music Sony Computer Sony Electronics

When Digital Unlocks Supply...



















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Search advanced search

Shop · Auctions · Classifieds · Shopping · Travel · Yellow Pgs · Maps Media · News · Sports · Stock Quotes · TV · Weather Connect · Chat · Clubs · Games · GeoCities · Greetings · Invites · Mail · Messenger · Personals · People Search · For Kids Personal · My Yahoo! · Addr Book · Calendar · Briefcase · Photos · Alerts · Bookmarks · Companion · Bill Pay more...

Yahoo! Shopping - Thousands of stores. Millions of products. Departments Stores

Apparel Luxury Sports Computers Music

Arts & Humanities

Literature, Photography...

Business & Economy

B2B, Finance, Shopping, Jobs ...

Electronics

- · Video/DVD
- · 1-800-Flowers
 - Banana Republic Macy's

· J. K. Rowling Gift Ideas · Special Offers Digital Cameras

News & Media Full Coverage, Newspapers, TV ...

Recreation & Sports Sports, Travel, Autos, Outdoors...

Computers & Internet Reference

Internet, WWW, Software, Games ... Libraries, Dictionaries, Ouotations...

College and University, K-12... Countries, Regions, US States...

Entertainment

Cool Links, Movies, Humor, Music... Animals, Astronomy, Engineering...

Government

Elections, Military, Law, Taxes...

Medicine, Diseases, Drugs, Fitness... People, Environment, Religion...

Social Science Archaeology, Economics, Languages...

Society & Culture Yahoo! Photos - upload, share, and print pictures

· INS official convicted of espionage

- New US dietary guidelines · Upstart Transmeta's chip tapped for AOL devices
- Playoffs NBA, NHL more..

Marketplace

- Free 56K Internet Access
- · Y! Travel buy tickets, check arrival times Looking for a car? job? house?

Broadcast Events

- · 2:20pm ET: Braves vs. Cubs 5pm: Chat with CART Racer
- Christian Fittipaldi 7pm : Chat with X-Men Creator Stan Lee

more..

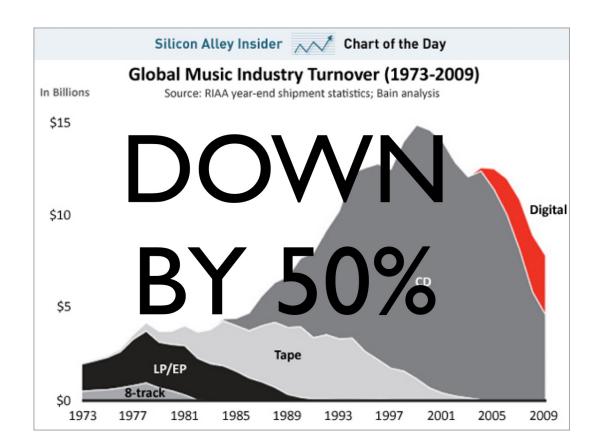
Inside Yahoo! · Y! Movies - M:I-2, Dinosaur,

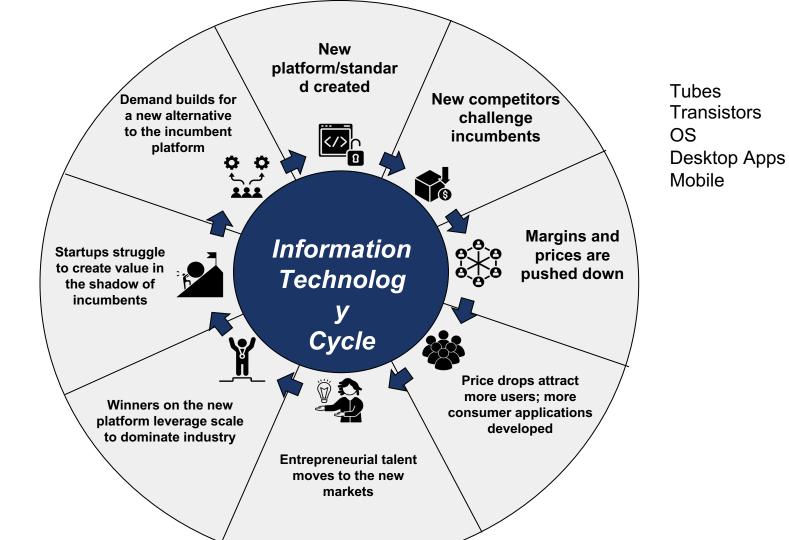
- Gladiator
- Planning a party? Send an invite

Local Vahools

Europe: Denmark - France - Germany - Italy - Norway - Spain - Sweden - UK & Ireland Asia Pacific: Asia - Australia & NZ - China - Chinese - HK - Japan - Korea - Singapore - Taiwan Americas: Argentina - Brazil - Canada - Mexico - Spanish U.S. Cities: Atlanta - Boston - Chicago - Dallas/FW - LA - NYC - SF Bay - Wash. DC - more...







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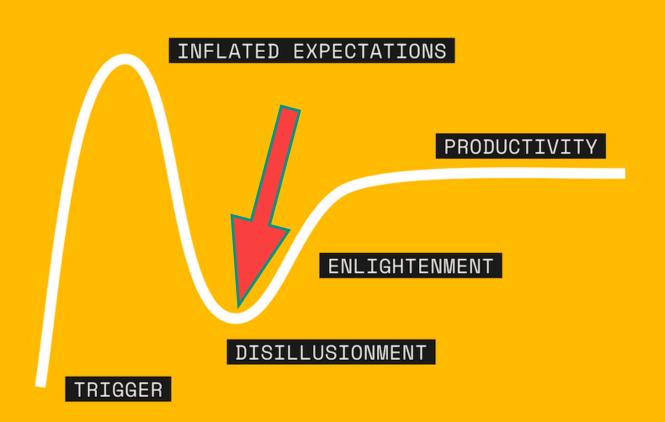


WEB I SKEPTICISM



"By 2005 or so, it will become clear that the Internet's impact on the economy has been no greater than the fax machine's."

- Paul Krugman, 1998 Nobel Prize-winning economist



WEB I KEY TECH

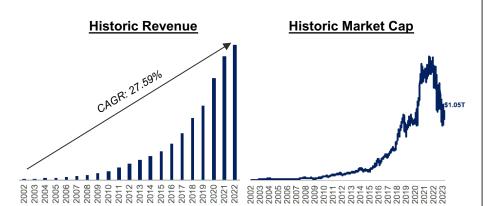






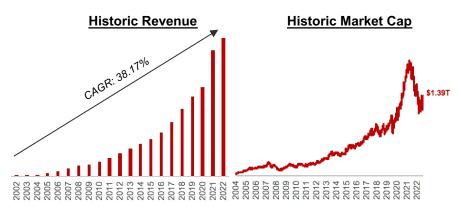
WEB I SUCCESS











Source: Capital IQ as of 4/5/23

WEB 2 PROMISE Democratized <u>Video</u> **Self-organizing Communities Mobile First**

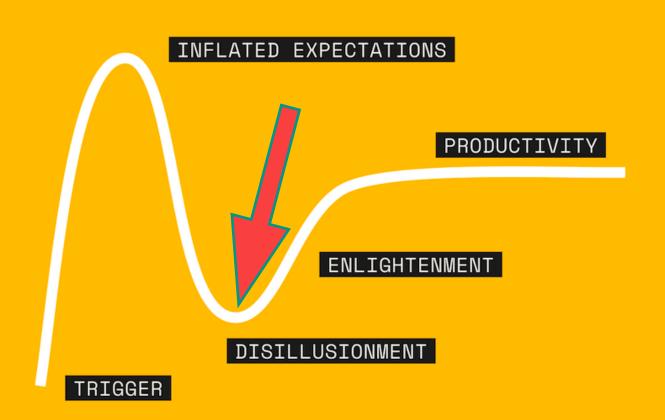
WEB 2 SKEPTICISM



When asked if Netflix was a threat:

It's a little bit like, is the Albanian army going to take over the world? I don't think so.

- Jeff Bewkes, 2010 CEO, TimeWarner



WEB 2 KEY TECH JavaScript, CSS3, HTML 5



Mobile

- Apple's 2007 iPhone release: touch-screen mobile at scale
- App Store = "App Economy"
- 6.84 billion smartphones: ~85% of global population



Social Media

- New coding frameworks enable User Generated Content
- Social media creates new forms of advertising and content
- Facebook and Instagram = 4.95 billion monthly active users



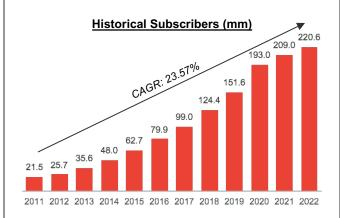
Streaming

- New tech enables users to post long form and live stream videos, enabling the rise of YouTube and Twitch
- New codecs allow cable-quality, long-form IP video streaming at scale
- "Random Access" TV enables binge watching and the "Platinum Age" of television

Historical Market Share by Smartphone Platform 44.6% 30% Blackberry Apple 0% 2010 2011 2012 2013 2014 2015 2016 2017



NETFLIX

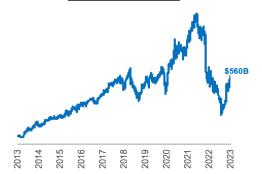


Historic Market Cap



Meta





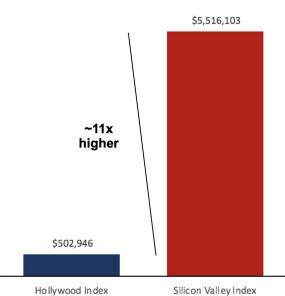


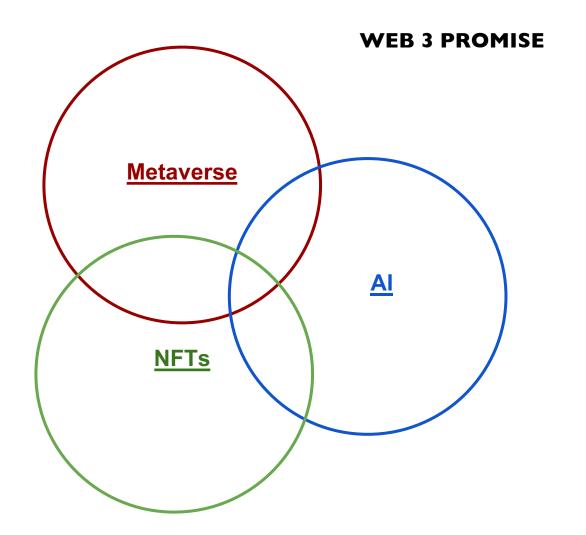


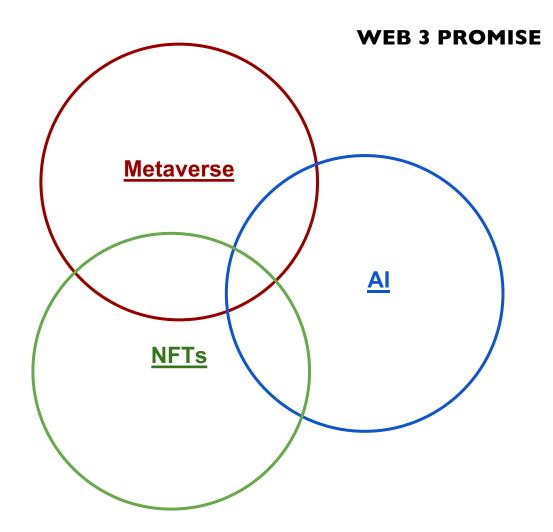
Hollowood Indox — Silicon Valloy Indox



Current Combined Market Cap

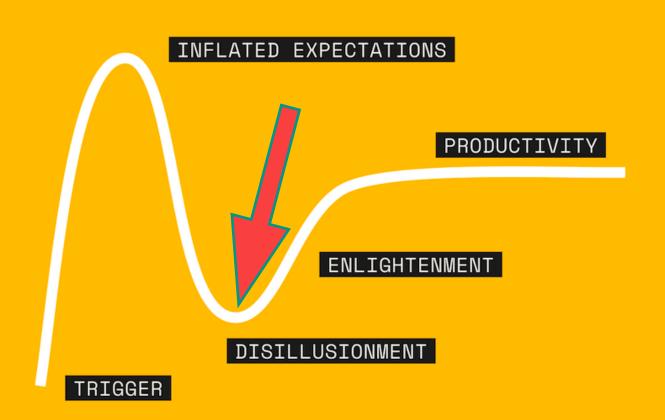








WEB 3: BETTER GOALS <u>Deeper</u> **Simulations** Data First **DTC Economies**



Conclusions

- 1. Web2: FAANG planned; Hollywood reacted.
- 2. Web2: Content licensing v. market cap.
- 3. Strategy: Whoever owns the customer wins.
- 4. Tech: Outsource the risk = outsource the reward

Let's discuss!



SShapiro@Alphasigma.fund



ALPHA TRANSFORM HOLDINGS