Peer production, commons and the future of capitalism

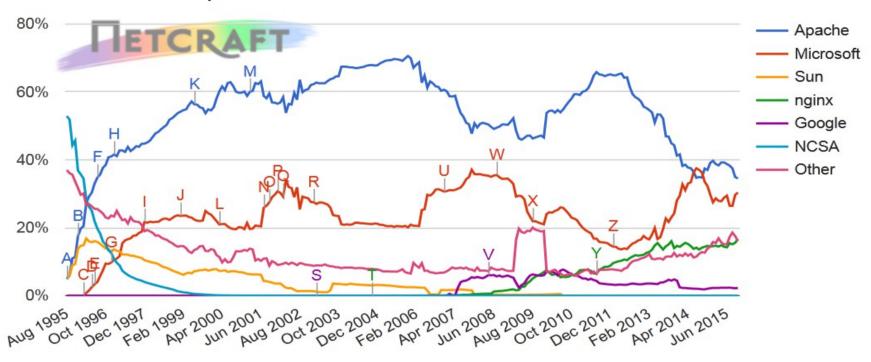
ANN-SONIC-NICO Workshop 2015: Peer Production Networks

Northwestern University Oct. 29-31, 2015

Yochai Benkler
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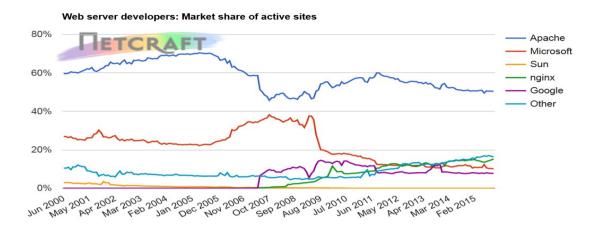
Free/Open Source Software

Web server developers: Market share of all sites

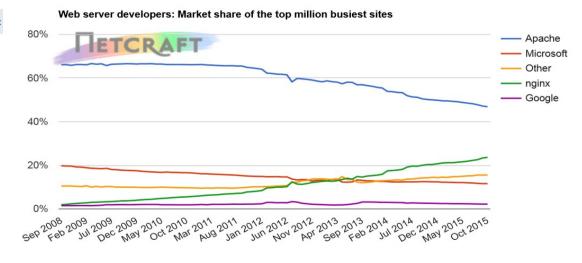


	Developer	September 2015	Percent	October 2015	Percent	Change
FOSS	Apache	312,106,638	34.96%	303,234,897	34.53%	-0.43
Cuatam	Microsoft	265,010,746	29.68%	267,012,322	30.40%	0.72
	nginx	139,297,804	15.60%	146,229,307	16.65%	1.05
	Google ed	19,683,087	2.20%	19,931,862	2.27%	0.06

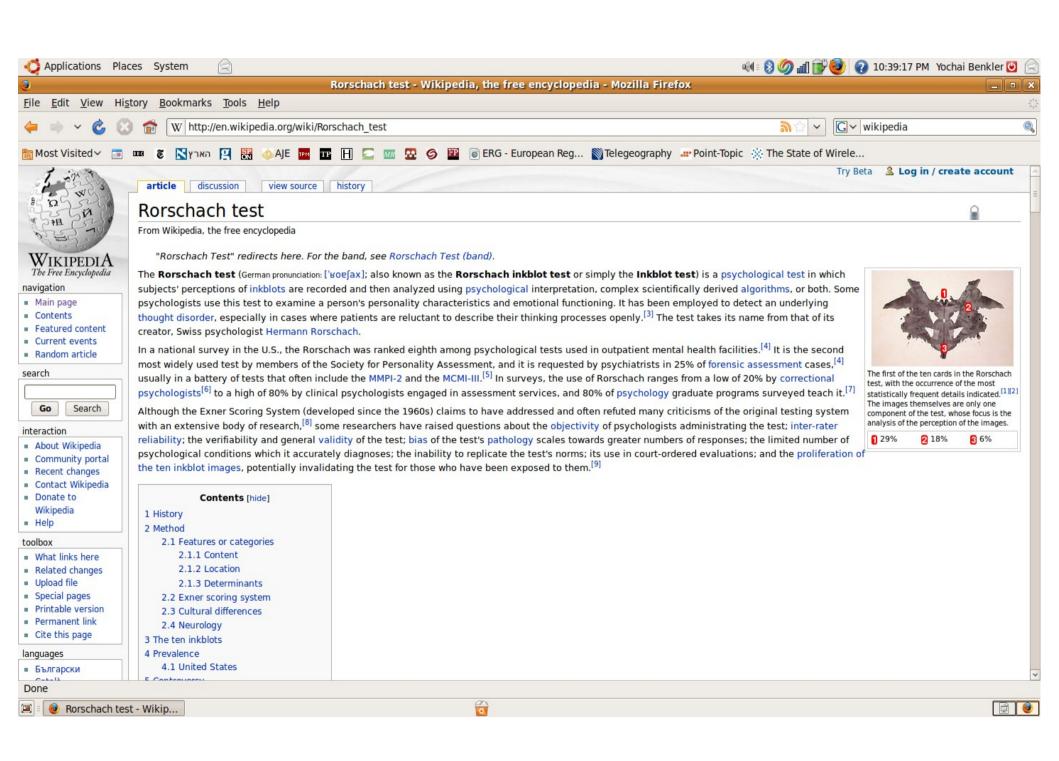
Free/Open Source Software



Developer	September 2015	Percent	October 2015	Percent
Apache	86,964,188	50.50%	86,275,859	50.45%
nginx	25,355,832	14.72%	26,221,862	15.33%
Microsoft	17,762,813	10.31%	17,211,839	10.06%
Google	13,440,570	7.80%	13,254,429	7.75%



Developer	September 2015	Percent	October 2015	Percent	Change
Apache	471,839	47.18%	469,050	46.91%	-0.28
nginx	233,610	23.36%	236,650	23.66%	0.30
Microsoft	116,380	11.64%	116,321	11.63%	-0.01
Google	22,507	2.25%	22,304	2.23%	-0.02



- A transactions costs theory
 - Core inputs are widely distributed in the population
 - Physical capital (computation, communications, storage)
 - Diverse talent, insight, availability
 - Core input a public good information, knowledge
 - Low transactions costs to connect people to identify projects, potential collaborations, and share incremental contributions to solutions
 - People can do what comes naturally social interaction

 and convert it into information goods

- A transactions costs theory
- An innovation theory
 - Knowledge, wisdom, insight, creativity are embodied in people, tacit, and sticky
 - Markets and hierarchies are lossy media to identify and assign creativity, focus, motivation, insight
 - Firms encase people in boundaries that limit flows of problem-solution sets, and collaborative opportunities, undermining exploration
 - Freedom to operate, self-selection through intrinsic and social motivation, and networked social action are better at permitting people to self-identify projects, resource-project-person combinations, and collaboration opportunities
 - Related to: Powell on networks; open innovation; Von Hippel Innovation

- A transactions costs theory
- An innovation theory
- A political theory
 - FOSS from the start about freedom through building an alternative set of capabilities, not beholden to state or incumbent market "owners"
 - Building workarounds that offer a degree of freedom to bob and weave around points of control—media, practical capabilities—without relying on the state for provisioning or for regulation of market actors

- Decentralization of conception and execution of problems and solutions
 - To harness the insight benefits of networked innovation
- Harnessing diverse motivations
 - To overcome the lossiness of prices and managerial decisionmaking associated with demanding standardized measures on which to ground explicit material rewards
- Separation of governance and management from property and contract
 - To provide the freedom to operate and experiment at low cost over a range of resources
 - To overcome the lossiness of prices and managerial decisionmaking

		Task conception decentralized	Task execution decentralized	Social motivations significant	Governance/ Management separated from ownership	Task structure
тс	Crowdsourcing	0	1	~	0	Coordination
тс	Online labor markets	~	1	0	0	Individual; Parallel
TC/ OI	Prize systems	1	1	~	0	Parallel competitive
[01]	Open collaborative innovation	~	~	0/~	0	Collaboration
TC + OI -	Firm-hosted peer-production	1/~	1	1	0/~	Collaboration; coordination; parallel complementary
TC + OI + F	Commons- based peer- production	1	1	1	1	Collaboration; coordination; parallel complementary

- A diverse range of social practices available for diverse disciplines to study
- The interaction is the transcript; the transcript is the interaction; unprecedented documentation of a social interaction, susceptible to computational research and experimentation
- Enables evidence-based intervention in core areas of research
 - Human motivation and cooperative human systems design
 - Governance and organization; collective action
 - Innovation & growth theory
 - Property & commons as foundations of modern economy

Targets for Network Analysis

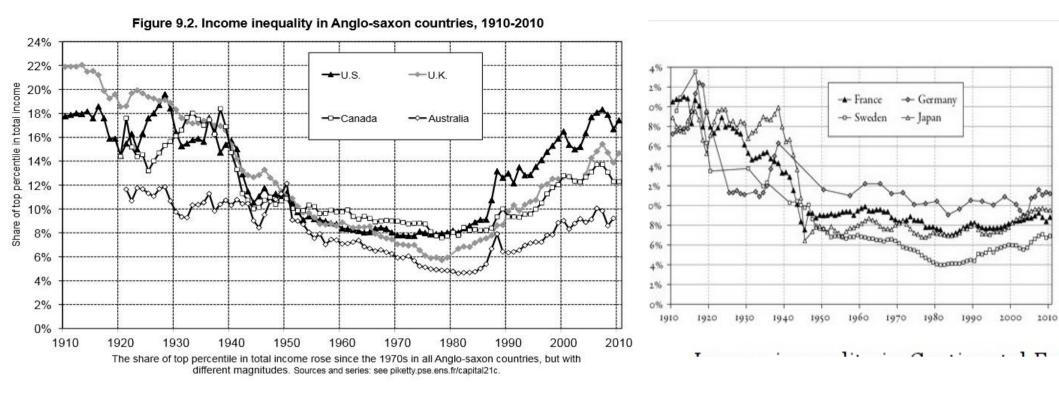
- Human motivation and cooperative human systems design
 - Evidence-based, intervention-based, study of human motivation without money
 - Studies at the intersection of money & crowding out
- Governance and organization; collective action
 - e.g., how does governance and collaboration work in firms vs. peer production enterprises
- Innovation & growth theory
 - Quality; knowledge development, learning, leveraging the transcript
- Networks describe systems in ways that preserve the agent
 - Exploit the information about the individual agent to explore how much is individual, and how much is system

50% Share of top decile in total income (incl. capital gains) Share of top decile in national income 45% Excl. capital gains 35% 30% 25% 2000 1910 1920 1930 1940 1950 1960 1970 1980 1990 2010 The top decile income share rose from less than 35% of total income in the 1970s to almost 50% in the 2000s-2010s. Sources and series: see piketty.pse.ens.fr/capital21c.

Figure 8.5. Income inequality in the United States, 1910-2010

Pikkety, 2014

1980s an inflection point Stress on the social environment



Pikkety, 2014

Mostly in the US, UK, and Anglo world; but Emerging countries seem to be following a similar pattern Europe struggling with internal North / South divide, youth unemployment and increased contingency and with migration to and within the EU

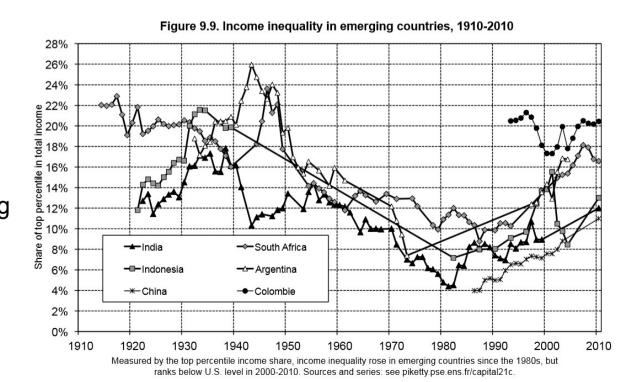
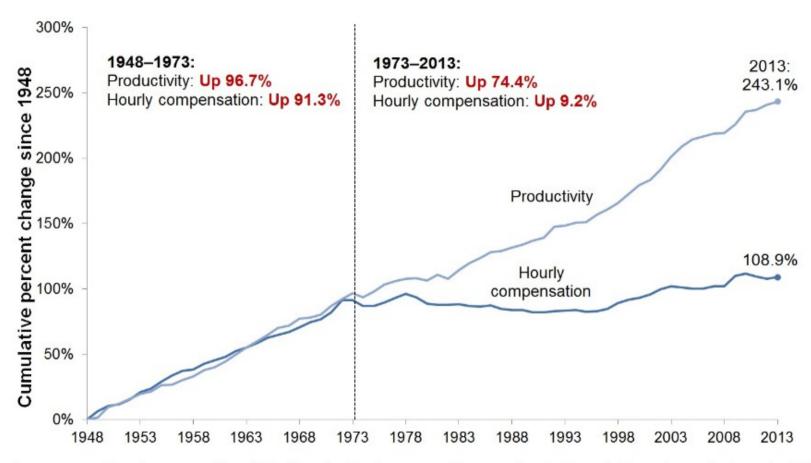


FIGURE 3

Workers produced much more, but typical workers' pay lagged far behind

Disconnect between productivity and typical worker's compensation, 1948–2013

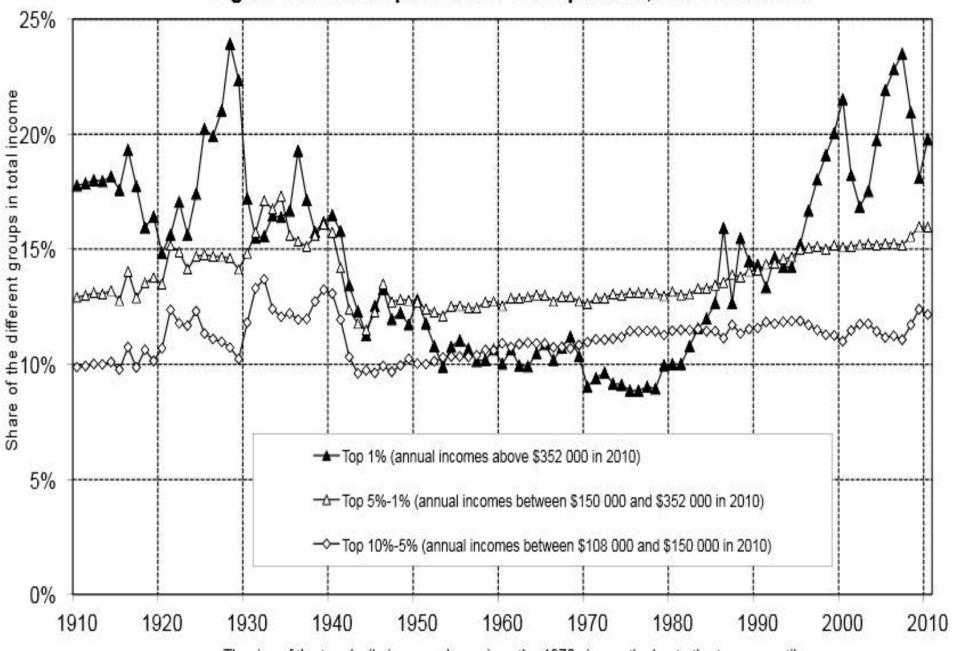


Note: Data are for compensation (wages and benefits) of production/nonsupervisory workers in the private sector and net productivity of the total economy. "Net productivity" is the growth of output of goods and services less depreciation per hour worked.

Source: EPI analysis of Bureau of Labor Statistics and Bureau of Economic Analysis data

Updated from Figure A in Raising America's Pay: Why It's Our Central Economic Policy Challenge

Figure 8.6. Decomposition of the top decile, U.S. 1910-2010

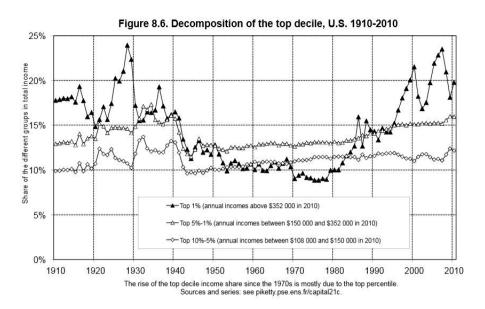


The rise of the top decile income share since the 1970s is mostly due to the top percentile. Sources and series: see piketty.pse.ens.fr/capital21c.

Outcomes

99/90 99.9/99 99.99/99.9

50/10



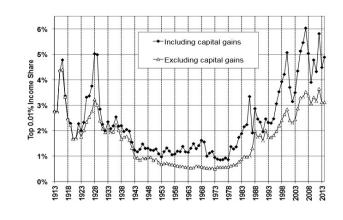
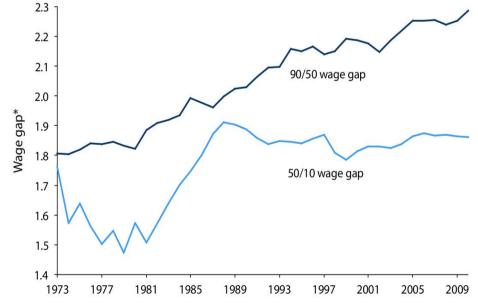


FIGURE 3The Top 0.01% Income Share, 1913-2014

90/50 Figure 4K Wage gaps among men, 1973–2011

2.5 2.4 90/50 wage gap 2.3 2.2 2.1 Wage gap* 2.0 50/10 wage gap 1.9 1.8 1.7 1.6 1.5 1973 1977 2005 2009 1981 1985 1989 1993 1997 2001

Figure 4L Wage gaps among women, 1973–2011



^{*} Ratio of workers' wages at the higher earnings percentile to workers' wages at the lower percentile Source: Authors' analysis of Current Population Survey Outgoing Rotation Group microdata

^{*} Ratio of workers' wages at the higher earnings percentile to workers' wages at the lower percentile Source: Authors' analysis of Current Population Survey Outgoing Rotation Group microdata

Outcomes Practices

99/90 99.9/99 99.99/99.9 CEO pay

Superstar pay

Reference group pay

90/50

Contingency; alt. work arrangements

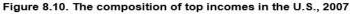
Diminished bargaining power

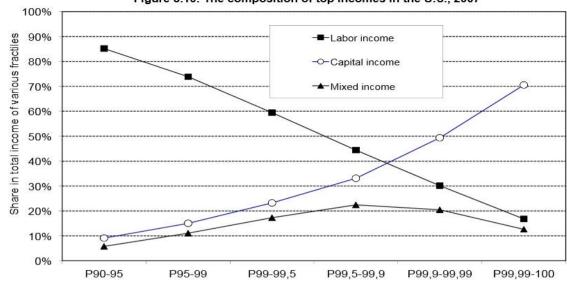
Globalization & offshoring

Unemployment and underemployment

50/10

Low wages



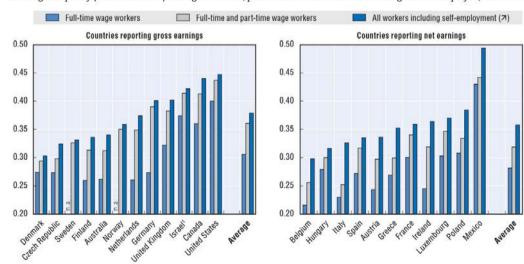


Capital income becomes dominant at the level of top 0.1% in 2007, as opposed to the top 1% in 1929. Sources and series: see piketty.pse.ens.fr/capital21c.

AN OVERVIEW OF GROWING INCOME INEQUALITIES IN OECD COUNTRIES: MAIN FINDINGS

Figure 5. Levels of earnings inequality are much higher when part-timers and self-employed are accounted for

Earnings inequality (Gini coefficients) among full-timers, part-timers and all workers including the self-employed, mid-2000s

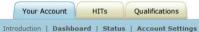


OECD Report: Divided We Stand, Why Inequality Keeps Rising (2011)









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We give businesses and developers access to an on-demand, scalable workforce. Workers select from thousands of tasks and work whenever it's convenient.

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by working on HITs

HITs - Human Intelligence Tasks - are individual tasks that you work on. Find HITs now.

As a Mechanical Turk Worker you:

- · Can work from home
- · Choose your own work hours
- · Get paid for doing good work

Earn interesting task Find HITs Now

or learn more about being a Worker

Get Results

from Mechanical Turk Workers

Ask workers to complete HITs - Human Intelligence Tasks - and get results using Mechanical Turk. Register Now

As a Mechanical Turk Requester you:

- Have access to a global, on-demand, 24 x 7 workforce
 Get thousands of HITs completed in minutes
- Pay only when you're satisfied with the results



The Never-Never Girl.
(Invented by Kelly Girl.) Naver token is viscotion or boliday. Naver pole for a role. Naver such you a diese for stock time, (When the workload drops one drop has I Nove has a sold, dispert disc or Plat in your line paywayd. Private costs you for anamylogened because and social anciety proposeds (News of the properties), within 1) Heres such you by hinge benefit (They sold up to 20% of every payroll dollar.) Never folk to please. If our Kally Girl amployee doesn't work out, you don't pay. Wa're that were of all our girls.) Kelly Girl #19 of last year's PORTUNE 500 use Kerly Services. Dismiser 500, we work you'll KUM

OutcomesPractices Tech. Mechanisms

99/90 99.9/99 99.99/99.9 CEO pay

Superstar pay

Reference group pay

SBTC

Internet, satellite => Superstar reach

Computers/ exotic trading & financial modeling

90/50

Contingency; alt. work

Diminished bargaining power

Globalization & offshoring

Unemployment and underemployment

50/10

Low wages

SBTC => automation

Robots

Communications to manage remote locations & shipping

Workforce management software

Data-driven inventory & supply chain

OutcomesPractices Tech. Mechanisms

99/90 99.9/99 99.99/99.9 CEO pay

Superstar pay

Reference group pay

Internet, satellite => Superstar reach

Computers/ exotic trading & financial modeling

SBTC

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Contingency; alt. work

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SBTC

Robots ????

Communications to manage remote locations & shipping

Workforce management software

Data-driven inventory & supply chain

OutcomesPractices

Inst. Mechanisms

99/90 99.9/99 99.99/99.9 CEO pay

Superstar pay

Reference group pay

Stock options

Norms/

Experts/ compensation committees

Financialization

Tax rates: top personal; corporate Capital; international trade

90/50

Contingency; alt. work

Diminished bargaining power

Globalization & offshoring

Unemployment and underemployment

50/10

Low wages

Weak labor standards & lax enforcement

Deunionization; "right to work"

Reduced welfare payments reduces staying power in negotiations

Expansions of free trade rules

Immigration policy

Fed policy aimed at inflation; Austerity

Minimum wage laws

Figure 8.6. Decomposition of the top decile, U.S. 1910-2010 25% Clinton-Blair Reagan-Thatcher ■ Top 1% (annual incomes above \$352 000 in 2010) 5% ── Top 5%-1% (annual incomes between \$150 000 and \$352 000 in 2010) Nixon, Carter → Top 10%-5% (annual incomes between \$108 000 and \$150 000 in 2010)

1970

The rise of the top decile income share since the 1970s is mostly due to the top percentile. Sources and series: see piketty.pse.ens.fr/capital21c.

1960

"Ideology" in the colloquial sense is displaced by "ideology" in the Gramscian sense: deregulation, free markets, "Washington Consensus" shifts from being a right wing ideology to being an accepted "expert" position

1980

1990

Ike, JFK, LBJ

2010

2000

One dimension of the future of capitalism: The neoliberal trajectory: greater concentration of wealth; Oligarchic / crony capitalism born of rational investment in maintaining rents

1950

0%

1910

1920

1930

1940

OutcomesPracticesInstitutionsTech

Ideas

99/90 99.9/99 99.99/99.9 CEO pay

Superstar pay

Reference group pay

Stock options

Norms/ Experts/ Comp. Comms.

Financialization

Tax rates

Internet, satellite

Computers/ modeling

Communications

Software &

data driven

management

Rational actor model:

- 1. Incentives
- 2. Shareholder value
- 3. Agency theory
- 4. Collective action;agency capture =>Deregulation
- 5. Efficient markets

90/50

50/10

Contingency; alt. work

Diminished bargaining power

Globalization & offshoring

labor standards & lax enforcement

Deunionization

Reduced welfare

free trade

Immigration policy

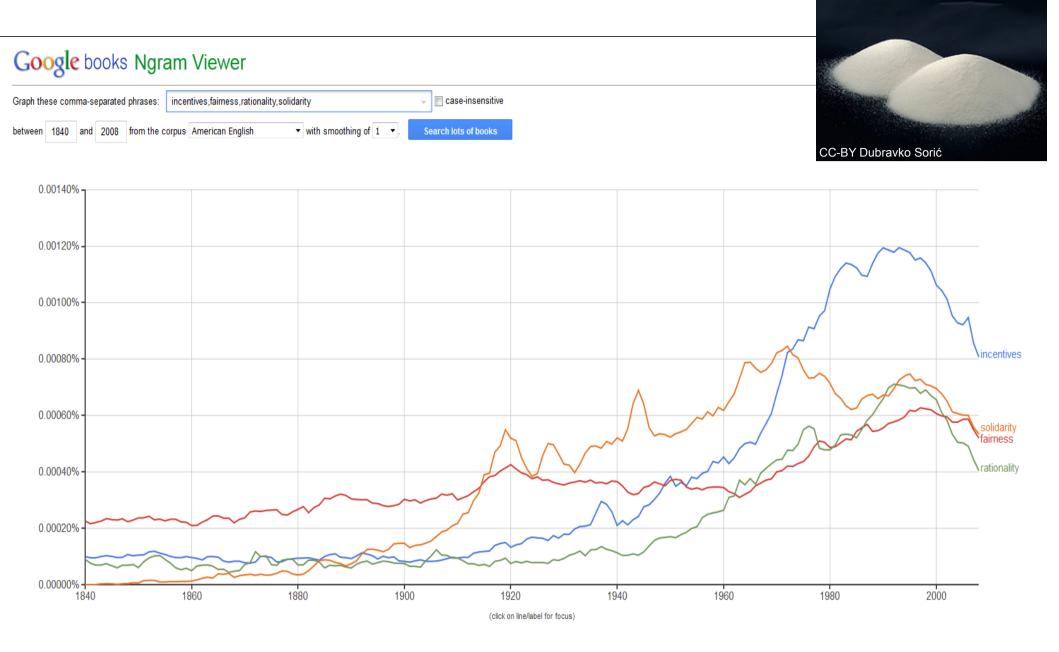
Unemployment and underemployment

Low wages

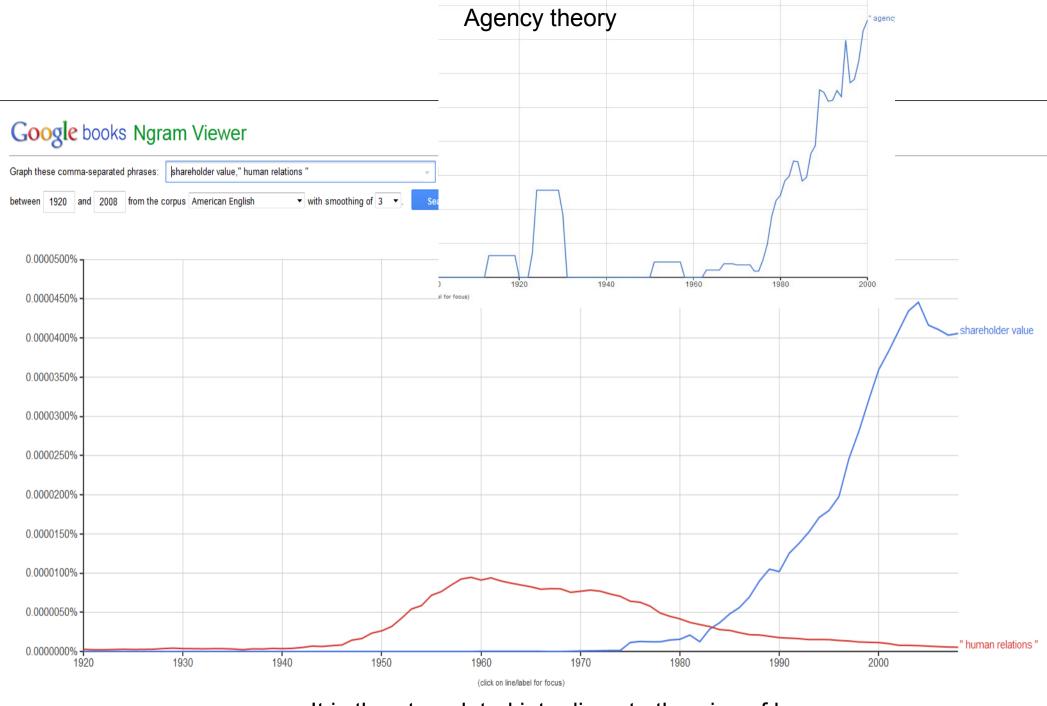
Fed policy

Min. wage

Shareholder value Efficient markets Efficiency & growth primary goals, distribution will follow



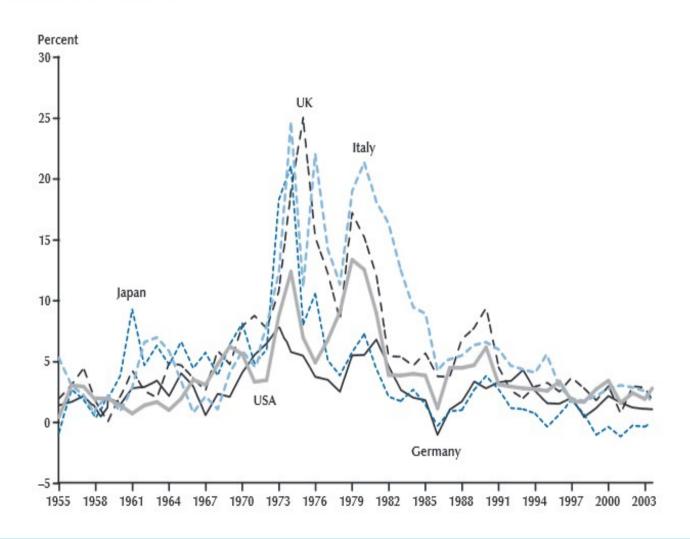
A certain view of humanity and social-economic organization takes hold

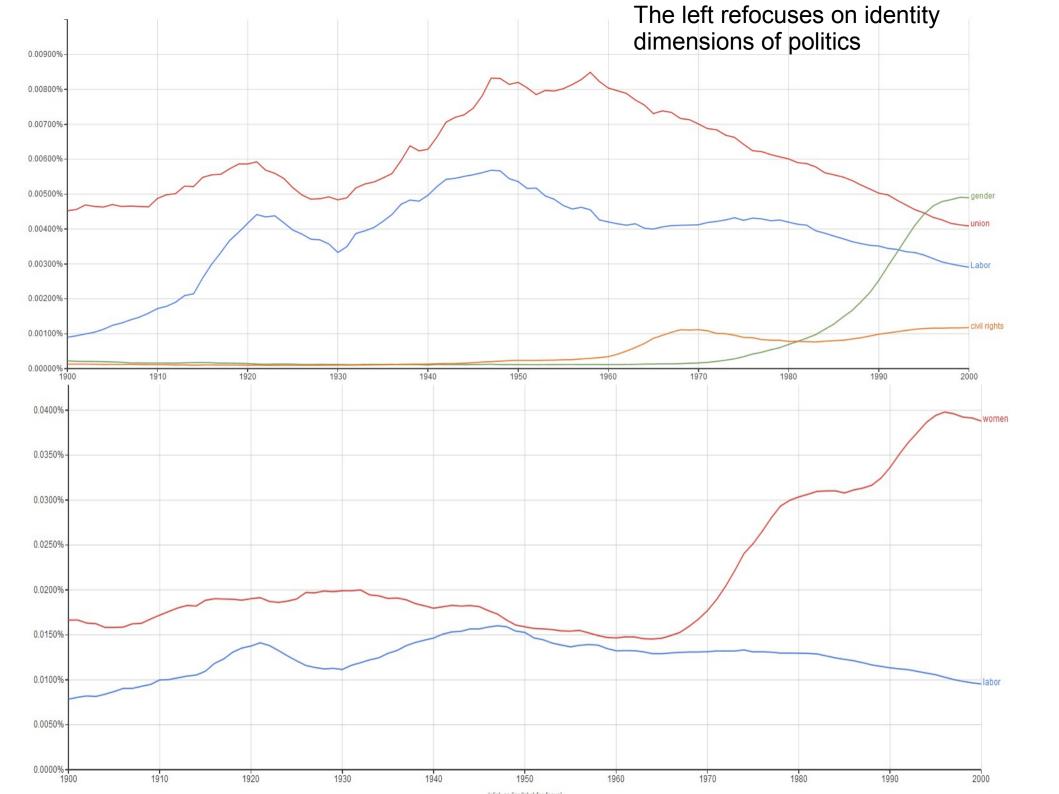


It is then translated into discrete theories of how the world works, and from there, to practical recommendations for how well-adjusted executives and organizations should be managed

Figure 2
Inflation in Five Countries

Romer, Commentary, Fed. Res. Bank of St. Louis Rev. 2005



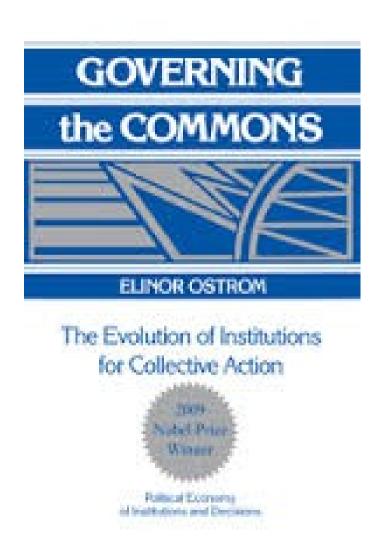


Pillars of neoliberalism

- Uncertainty and complexity => economic planning impossible => Only prices in markets produce good information
 - Deregulation; financialization; tax cuts; lower inflation trumps lower unemployment
- Rationality = self-interest
 - Stock options; shareholder value vs. stakeholders
 disinvestment in workers; contingent work
- Collective action fails => corrupts into illegitimate power => deregulation
- Liberty depends on choice in markets
- Property rights + market incentives necessary and adequate to achieve human welfare

Commons studies

Facts, facts, and damn facts... (and better models)















A set of challenges to laissez-faire that does not assume a benevolent and effective government, and does not depend on collectivist solutions, consistent with both a decline in trust in the benevolence of state agencies and with the rise of individual autonomy and self-fulfillment as fore "left"

1990

1995

2000

2005

Google books Ngram Viewer concerns

0.000000050%

0.0000000000% -

1945

1950

1955

1960

1965

1970

1975

(click on line/label for focus)

1980

1985

Graph these comma-separated phrases: | "the commons", "the public good" case-insensitive between 1945 and 2008 from the corpus American English ▼ with smoothing of 3 ▼ Search lots of books Replaced "the commons" with "the commons" to match how we processed the books Replaced "the public good" with " the public good " to match how we processed the books 0.000000450% 0.000000400% the commons 0.000000350% 0.000000300% 0.000000250% " the public good ' 0.000000200% 0.000000150% 0.000000100%

Competing paradigms

- Uncertainty & complexity => planning impossible => only prices in markets produce good information=> clear property rights and free markets are necessary and sufficient for welfare
- Uncertainty & complexity => prices & property are lossy too => (IAD) local knowledge and diverse practices outperform rationalized models, both bureacratic and abstract markets // (Open Commons/CBPP) experimentation under freedom to operate, redundancy reveals better practices, property limits exploration

Competing paradigms

- Uncertainty & complexity
- Rationality = selfinterest with guile (separable motivations + selfinterest dominates)
- Uncertainty & complexity
- Rationality = diverse motivations; intrinsic, pro-social, and self-interest (nonseparable, interactions determine action)

The Nature of Rationality

Homo Economicus, ______
Self-interest
with guile

Homo Socialis: Diverse pro-social motivations;

Competition — (atomistic)

Cooperation (socially embedded)

Tightly coupledsystems with welldesigned
mechanisms

Self-direction, experimentation, ethical engagement in loosely-coupled systems

Non-separable motivational vectors

Competing paradigms

- Uncertainty & complexity
- Homo economicus
- Collective action fails => regulation corrupts into exploitation => Incentives must be aligned => deregulation to make pricing efficient => Object of scholarship to design incentives mechanisms

- Uncertainty & complexity
- Homo Socialis
- Collective action works in practice; governance is possible & widely practiced; socially embedded relationships => scholarship to identify regularities, aid in design of institutions & intentional practices

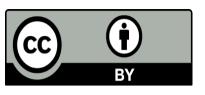
Diffused Power, Degrees of Freedom

- Commons-based licensing
- Rough consensus/debate & discourse
- Shared normative framings
- Meritocracy
- Redundant spheres of nested and overlapping power
- Formal and semi-formal institutions
- Irreverence and resistance
- Leadership, but limited by the other pathways of self-governance and resistance

Competing paradigms

- Uncertainty & complexity
- Homo economicus
- Collective action fails in theory
- Property & contract are the sine qua non of efficiency and growth

- Uncertainty & complexity
- Homo Socialis
- Collective action works in practice
- Property & contract are one tool-set in an institutional toolkit; commonsbased governance potentially superior, particularly for innovation & creativity critical to growth



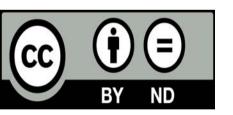
"Mine" does not mean "for sale"; Sharing does not mean erasing the self



A robust system of social exchange independent of market exchange; Building our own commons



An ethic of reciprocity



NOT collectivism; insistence on choice and self-authorship



Creativity, freedom of speech and thought, depend on a robust public domain

Competing paradigms

- Uncertainty & complexity
- Homo economicus
- Collective action fails in theory
- Property & contract
- Freedom to own and contract, to pursue your own goals in a market is core; regulation is the first step on the Road to Serfdom

- Uncertainty & complexity
- Homo Socialis
- Collective action works in practice
- Institutional diversity;
 commons
- Positive autonomy, self-direction, free expression, freedom to tinker; power in markets as endemic as power in the state

The Commons as Idea

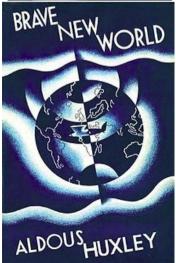
- People can effectively act collectively to govern their utilization of resources
- We respond to diverse motivations, economic utility and a range of social, emotional, and rational ethical commitments
- Property and markets vs. state planning do not exhaust the means of achieving growth and material well-being
- Cooperative social action in commons drives innovation and growth, can be more efficient, and is sustainable

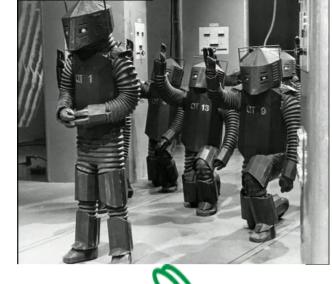
The Commons as Idea

- Production and resource management are socially embedded activities
- Social embeddedness is not something from which we need to free markets
- Freedom as effective self-governance, individual and collective
- Where markets socially disembed production, they do more harm than good to both productivity and freedom











What is to be done?

- 1. Build commons and provide public goods
- 2. Provide opportunities for a stable source of a decent Living and meaningful work

Commons-Based Peer Production

- Building a substantial range of capabilities we require as human beings as commonsbased peer production, to loosen the points of control available to the state and market actors and to provision public goods through participatory social processes
 - Opportunities to engage in effective, voluntary association of meaningful work
 - A degree of freedom in systems occupied by imperfect state- and market-based systems
 - A context for developing cooperative virtues
 - Existence proof of the possibility of a different model of humanity

The "sharing economy"?
Is the market adopting
"embrace and extend"
of the rhetoric of peer
production and sharing
while undermining its core?

couchsurfing





Be a Great Couchsurfer

Whether you're traveling the world, hosting travelers, or making friends locally, being a conscientious and generous Couchsurfer will enrich the connections you make with the people you meet.

Share something

Be it stories, songs, food or your favorite coffee shop, Couchsurfing is about sharing and connection. Be open to giving, receiving, and discovering the unexpected.

Respect differences

Help make the world smaller and friendlier. The diversity of people across the globe is a beautiful thing, so contribute by respecting and appreciating those differences, be they cultural or otherwise.

Participate 4 8 1

Spend time with your host or surfer. Make new friends and help each other discover new things about the world. If you're new to Couchsurfing, tap into your local community first. It helps to know people near you, so meet other Couchsurfers in your area by joining groups and events.

Be neat

Hosts, tidy up your space before Couchsurfers arrive. Surfers, leave it better than you found it. Keep your things in order and always clean up after yourself.

Connect

Neighborhood Guides

Not sure where to stay? We've created neighborhood guides for cities all around the world.













All neighborhood guides

Battle over the idea of self-interested rationality as the core model of human motivation

Subverting the possibility of sociallyembedded exchange as a core model of provisioning in contradistinction to the tyranny of the margin

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We give businesses and developers access to an on-demand, scalable workforce.

Workers select from thousands of tasks and work whenever it's convenient.

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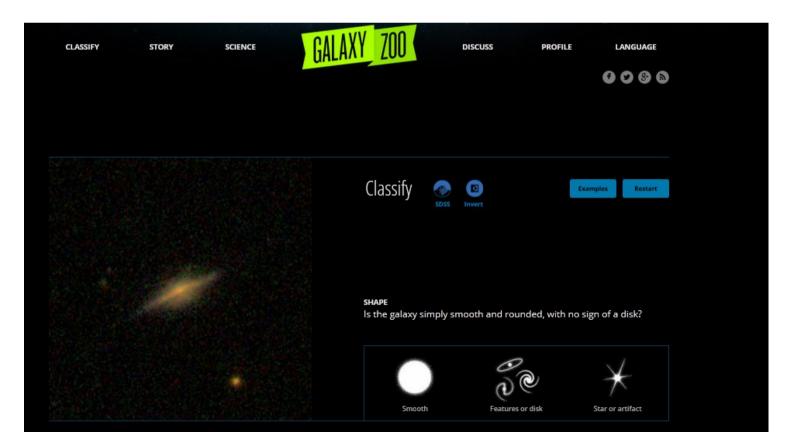
or learn more about being a Worker

Alienated labor?



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Social context and meaning at the core.

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HOME THE PROJECT ABOUT COMMUNITY TEAM TOKEN SALE WHITEPAPER **f** 💆 🗘



Smart transportation is about maximising already-existing infrastructure and resource rather than adding new ones. Better use existing resources creates affordable transportation without the need for more roads or vehicles. Real-time ridesharing is the k enabling people with private cars to share their journey with others traveling in the same direction.



TRAFFIC
To change the way we move we must increase occupance within the existing infrastructure. Ironically, our current road space and transport expenses are mostly used to move empty seats from one place to another. It is a well-hidden fact that thousands of empty car seats haven't experienced any tush for years.



RESOURCES
A genuine zooz mining
protocol brings about a
stable internal economy
based on fair share of
wealth and a just spread of
community responsibility.
Ve believe this initiative cat
generate a sustainable and
wealthy ecosystem.



COLLABORATION
Introducing a new model for
collaboration in which
anyone can freely
contribute. The community
collectively decides about
the reward in zooz for each
contribution via
sophisticated protocols. The
'weight' of each member's
input is dynamically set by
the community itself. Many
people around the world
have already taken an active
part in this operation, and
the community is growing
every dau.

La`Zooz

A Decentralized Transportation Platform owned by the community and utilising vehicles' unused space to create a variety of smart transportation solutions. By using cryptocurrency technology La'Zooz works with a "Fair Share" rewarding mechanism for developers, users and bockers.

RideSharing vision

La`Zooz platform will synchronize empty seats with transportation needs in real-time, matching like-minded people to create a great ride-sharing experience for a "Fair fare".

The Road

is being paved by people like you and me Taking part makes La`Zooz come alive.



La'Zooz is a decentralized organization

Anyone can contribute towards the establishment of its goals in whatever way he or she believes would be best. Tasks are carried out within autonomous, self-defined circles or teams. Each circle can consist of any number of individuals (including a single person) collaborating together towards well-defined goals, and holding their own (perhaps multisig) wallet to promote the circle's tasks. Once a circle delivers their contribution, the La'Zooz community as a whole evaluates this contribution and as an expression of appreciation reimburses the circle's wallet with zooz tokens accordingly.

Our basic beliefs are reflected in the La'Zooz initiative. Using a decentralized digital coin enables us all to enjoy and share our own wealth (and empty seats). All efforts are directed to make this a community project so that all can become part and enjoy the value that is created. We share a deep hope that La'Zooz will become a people's project creating prosperity for all.



Smart transportation is about maximising already-existing infrastructure and resource rather than adding new ones. Better use of existing resources creates affordable transportation without the need for more roads or vehicles. Real-time ridesharing is the key, enabling people with private cars to share their journey with others traveling in the same direction.

- CBPP developed to harness <u>volunteer effort</u> that produced <u>freely-available outputs</u>
- Transition to peer cooperativism must deal with the challenges of worker-owned and producer cooperatives
 - Provide peers with a decent and stable income
 - Intrinsically engaging and/or socially fulfilling in the day to day
 - Meaningfully oriented toward making valued social contributions
- Requires a source of revenue; paying customers; competitiveness in markets

- CBPP developed to harness <u>volunteer effort</u> that produced <u>freely-available outputs</u>
- Worker-owned and producer coops
- Transition to peer cooperativism must deal with the challenges of consumer coops
 - Substantial variance between management and consumers in engagement and dependence can lead to "capture"
 - Tension between the needs of the consumers/users and those of the workers who draw income from the coop
 - Maintaining the flow of goods and investment with attractive prices and quality

The producer, the moment he produces in a society founded on the division of labour and on exchange (and that is M. Proudhon's hypothesis), is forced to sell. M. Proudhon makes the producer master of the means of

production; but he will agree with us that his means of production do not depend on *free will*. Moreover, many of these means of production are products which he gets from the outside, and in modern production he is not even free to produce the amount he wants. The actual degree of development of the productive forces compels him to produce on such or such a scale.

The consumer is no freer than the producer. His judgment depends on his means and his needs. Both of these are determined by his social position, which itself depends on the whole social organization. True, the worker who buys potatoes and the kept woman who buys lace both follow their respective judgments. But the difference in their judgments is explained by the difference in the positions which they occupy in the world, and which themselves are the product of social organization.

Te the entire evetem of needs founded on estimation or

Marx, Poverty of Philosophy (1847)

- CBPP developed to harness <u>volunteer effort</u> that produced <u>freely-available outputs</u>
- Worker-owned and producer coops
- Consumer coops
- Federations and networks of coops
 - Translating the integrated systems of the most successful coops to CBPP online?
 - Producers, consumers, finance, and insurance coops mutually supporting operations have been the most successful. How to transition to the networked environment?

- Research challenges
- Governance
 - From experience of cooperatives and peer production, how does governance change when making, managing, and distributing and investing money enter the picture?
 - What effect on governance and motivations when customers need to be served in time and fashion competitive with market providers
 - Other challenges of operating to produce revenue and distribute it, manage a competitive environment with a cooperative network of peers

- Research challenges
- Governance
- Motivation
 - Non-separability: what models of integrating intrinsic and pro-social with material motivations work to avoid crowding out

- Research challenges
- Governance
- Motivation
- Innovation
 - What impact on the innovation effects of peer production where a decent and stable income are involved?
 - Does circulation of knowledge slow down?
 Does cooperation across networks change?
 Parallel to the work of patents effects on academia

Socially-embedded markets

- Managerial and owner norms are important; there is enough slack in markets for moral commitments to make a difference
- Market outcomes will likely continue to be the dominant driver of economic security for a majority of people in the coming decades
- Will require battle of ideas; social pressure; and legal reform
- Peer production research as a source of persuasion for managers about what can work, and how it can work better while maintaining decent work relations

Socially-embedded markets

- Core lesson of cooperatives: normative commitments and identity are core
- Participation; identity; values-orientation; flexibility (autonomy) combined with security, rather than contingency (shared pay cuts or deferred payouts v. layoffs)
- No good evidence of systematically better (or worse) income; better mix of meaning, decent wages, stability
- Cooperativism need not be the core strategy; social-embeddedness is the core



Keywords

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Who We Are

A uniquely inventive, technology-driven enterprise focused on discovery and product innovation

Products



more than 10,000 associates



Gore's unique "lattice" structure is free from traditional bosses and managers.



Is Gore a Good Fit for You?
Learn more >>>

CAREERS -

WHO WE ARE

A Company Built on Innovation, Integrity and Teamwork

Through our product leadership, we've been changing lives and changing industries including fabrics, medical devices, electronics, and manufacturing for more than 50 years.

Founder Bill Gore built the company on a set of beliefs and principles that guide us in the decisions we make, in the work we do, and in our behavior toward others. What we believe is the basis for our strong culture, which connects Gore associates worldwide in a common bond.

Gore's unique "lattice" management structure, which illustrates a nonhierarchical system based on interconnection among associates, is free from traditional bosses and managers. There is no assigned authority, and we become leaders based on our ability to gain the respect of our peers and to attract followers.

What We Believe

Our company is built on a set of beliefs and principles that guide us in the decisions we make, in the work we do, and in our behavior toward others.

Diversity at Gore

By harnessing diversity and focusing on the quality of relationships within our teams, we can better drive innovation.

Our Reputation

Gore consistently ranks as a great workplace and has established a solid reputation as a product, industry, and technology leader worldwide.

Is Gore a Good Fit for You?

Before you apply for an opportunity, review these questions to evaluate if the qualities we're looking for apply to you.

Working in Our Unique Culture

Our founder Bill Gore once said, "The objective of the Enterprise is to make money and have fun doing so." We still believe that, more than 50 years later.

Equal Opportunity Workplace

We strive to make Gore a rewarding place to work where individuals can reach their full potential in an inclusive environment.



One year after walkout, Market Basket is thriving

Bitter family dispute didn't stifle growth



One company at a time...

2014 Bostonians of the Year: Market Basket employees

The grocery chain's 25,000 workers risked their jobs to support a benevolent leader and highlighted that a company formula of low prices and good wages can succeed.



Peer Pragmatism

- Citizenship modeled on peer selfgovernance
 - Rejecting pure delegation conceptions of a republic. Building platforms for active engagement
 - Skeptical, irreverent participation, committed to debate, reason, and willingness to state and defend normative commitments
 - Nested, redundant, overlapping spheres of power; subsidiarity to spheres of contribution and knowledge
 - Redundant pathways to invoke and avoid governance

Peer Pragmatism

- Citizenship modeled on peer governance
- Progressivism aware of state fallibility
 - Destabilizing power concentrations
 - Caution about steering / paternalism
 - Redistribution aimed at preserving autonomy, rather than finely tuned to secure incentives and supply predefined needs (UBI)
 - Investment in capabilities education; infrastructure; health
 - Research-driven regulatory design to foster cooperativism (the Partner State) and contain extractive market dynamics



Commons Slide 21

Open Cooperativism

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Definition

'The basic idea is a democratic system in which most issues are decided (or strongly suggest are transitive and can be revoked at any time. Liquid Democracy is sometimes referred to as

2. Luis Daniel:

Page Discussion

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Liquid Democracy

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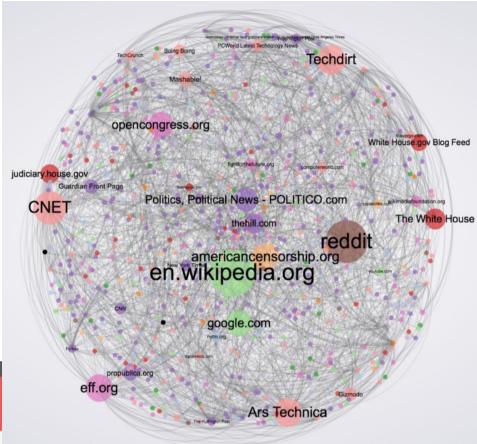
1.2.1 Liquid Feedback Adopters

4.1 Liquid Democracy is not a voting system

1.2.2 Adhocracy adopters

See also: Liquid Feedback

PARTICIPA MEDIATECA CALENDARI SALA DE PREMSA CONTACTE Barcelona **En Comú** PRINCIPIS QUI SOM **PROGRAMA NOVETATS**





Peer Pragmatism

- Citizenship modeled on peer governance
- A progressivism aware of the fallibility of the state
- A liberterianism aware of the fallibility of markets and the limits of mutualism
 - Global public goods, like climate and the environment, global poverty and migration, war, all require government- and intergovernmental level collective action
 - Effective institutions at all levels require continuous engagement, because they all unravel over time

