

# 1729

## Lecture 1: The Network State

A country you can start from your computer.

[1729.com/the-network-state](http://1729.com/the-network-state)

# A Country You Can Start From Your Computer

A founding influencer begins by **building the community online** and holding meetups offline. Cloud first, land last - but not land never.



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t what's happening in Ethereum Meetup groups around the world and start meeting up with the ones near you.

1,182,910 members

2,537 group

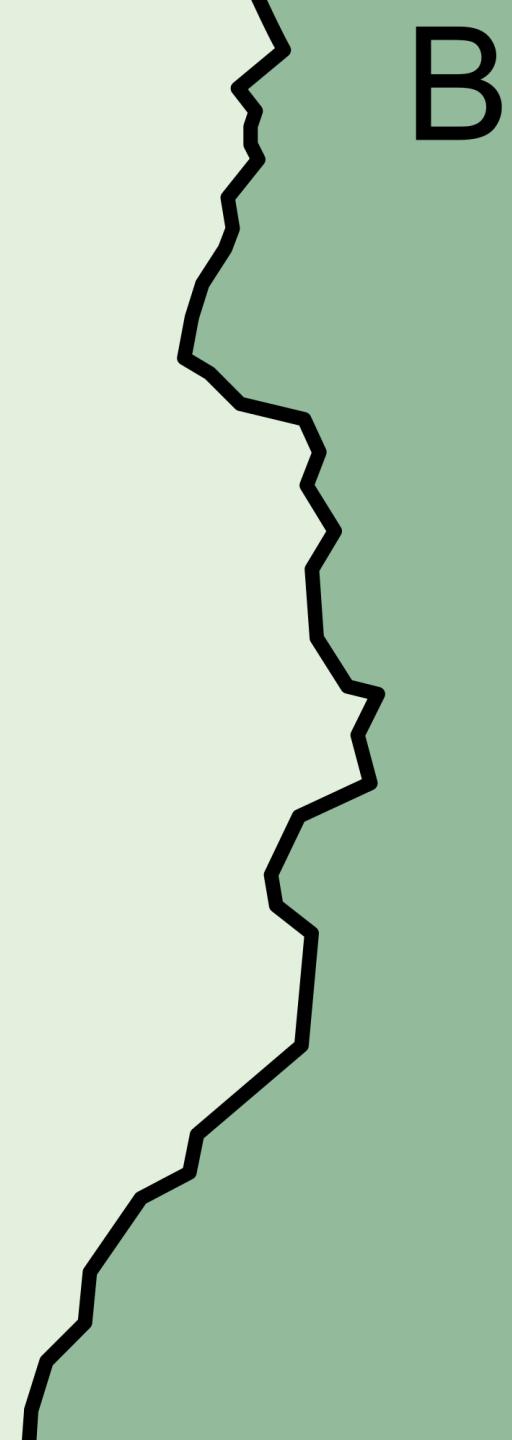
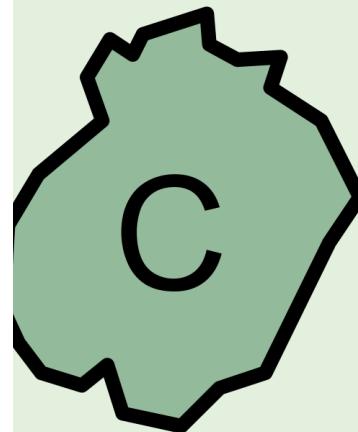
Ethereum groups

topics: Cryptocurrency · Bitcoin · Digital Currency · Blockchain · Smart Contracts · Cryptocurrency · Cryptography · Decentralization · Decentralized Systems · Smart Property



# An Archipelago of Digitally-Linked Enclaves

The internet increases the value of **enclaves**. Like Indonesia, or the Google Offices, knit individuals, groups, buildings, offices, even towns into a single network.



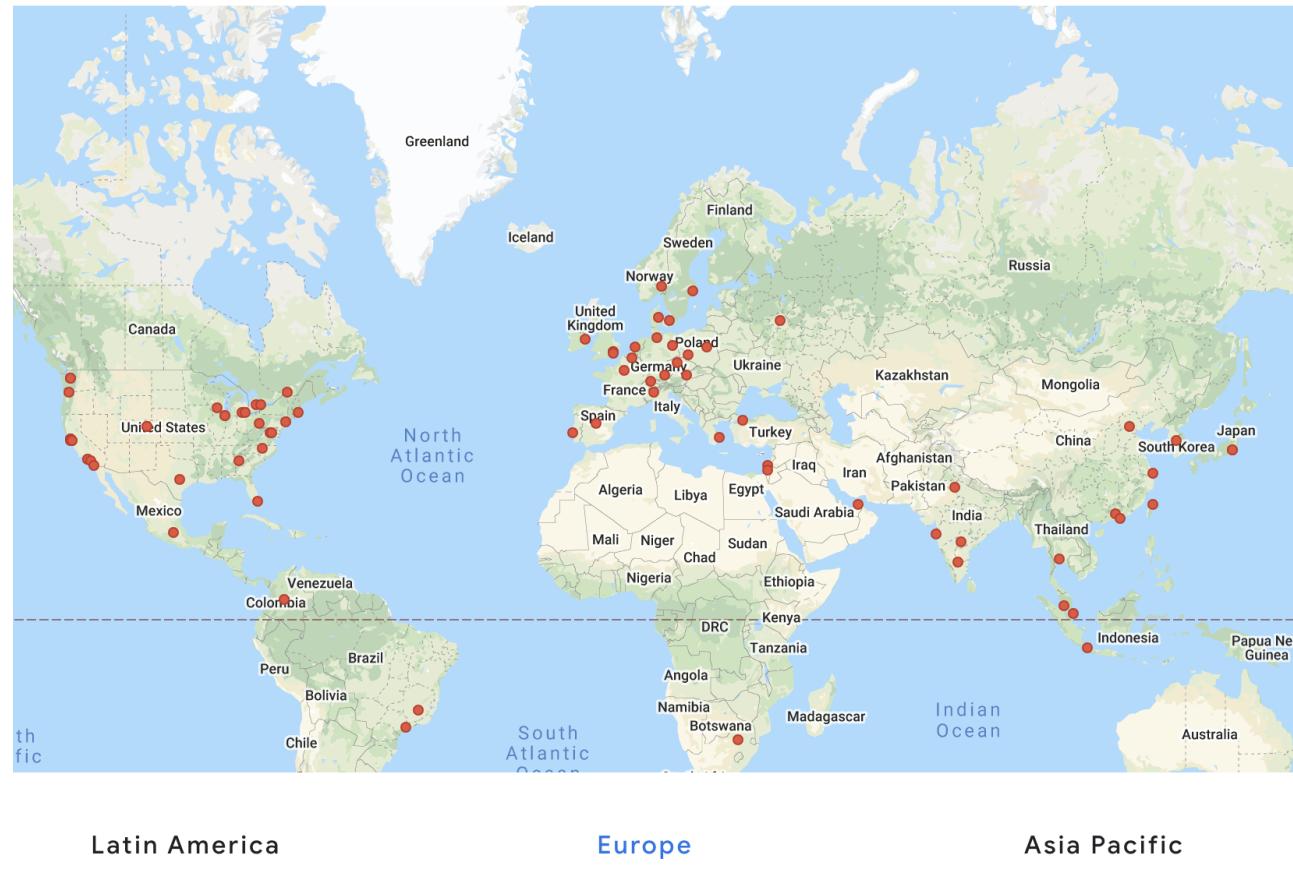
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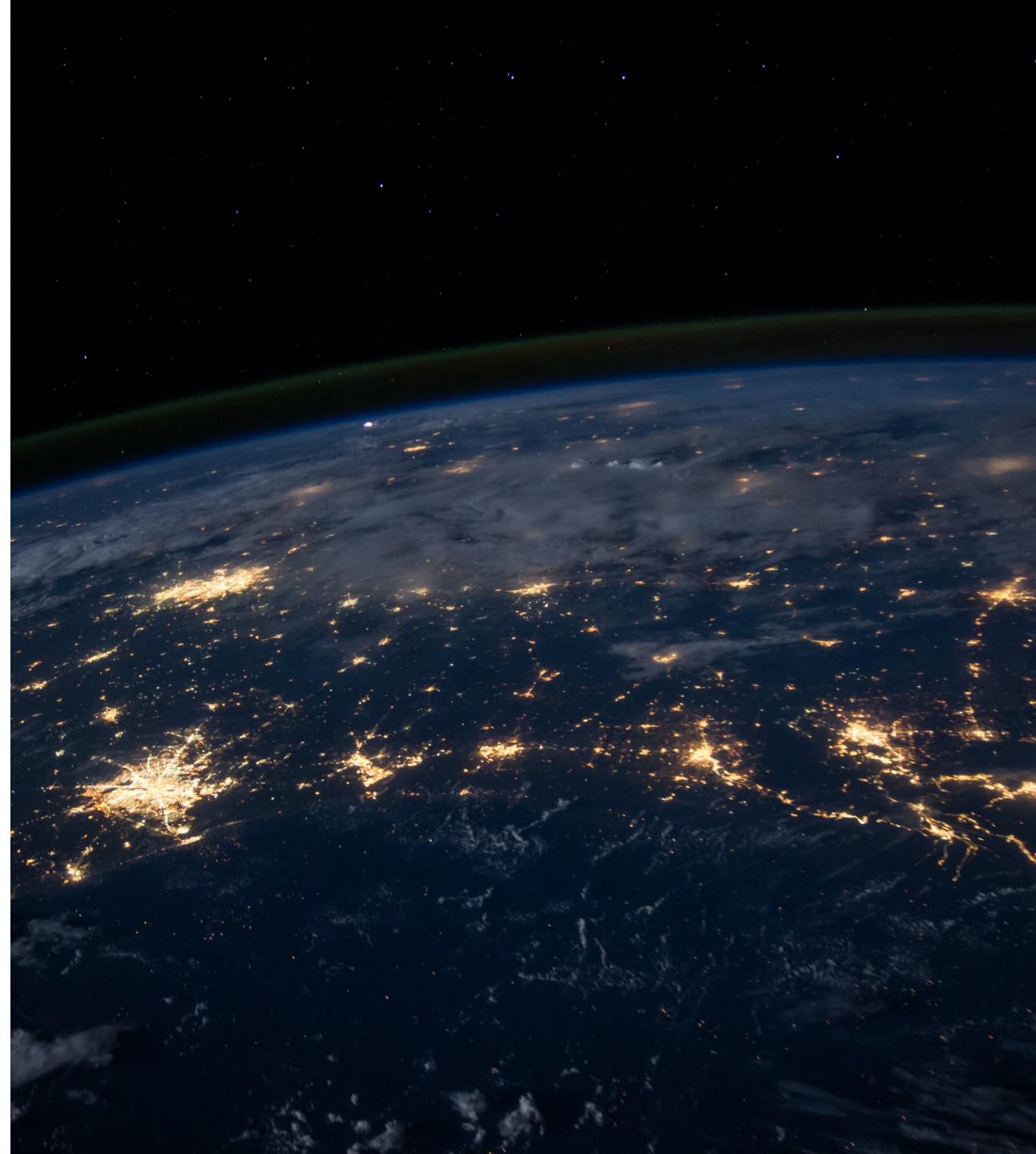
Aarhus  
Aabogade 15  
8200 Aarhus  
Denmark  
[Directions](#)



Amsterdam  
Claude Debussyalaan 34  
1082 MD, Amsterdam  
Netherlands  
[Directions](#)

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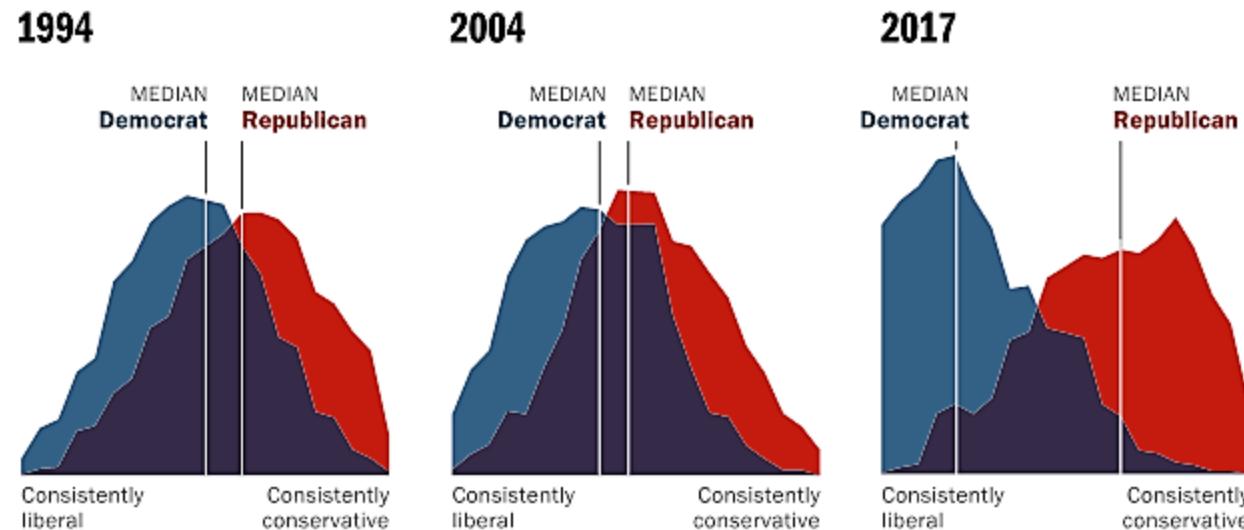
# A Community Aligned Around Cryptographic Consensus

51% democracy < ~100% democracy.

At-will citizenship plus founder-run jurisdictions solves for consensus and competition, competence and legitimacy.

Sign social smart contract before entering, and re-up periodically.

**Democrats and Republicans more ideologically divided than in the past**  
*Distribution of Democrats and Republicans on a 10-item scale of political values*



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Found 6,629 of over 8,961  
reviews

Sort

Popular

4.3 ★★★★☆



Recommend  
to a Friend



Approve of  
CEO



Mark  
Zuckerberg  
4,269 Ratings



Your trust is our top concern, so companies  
can't alter or remove reviews.



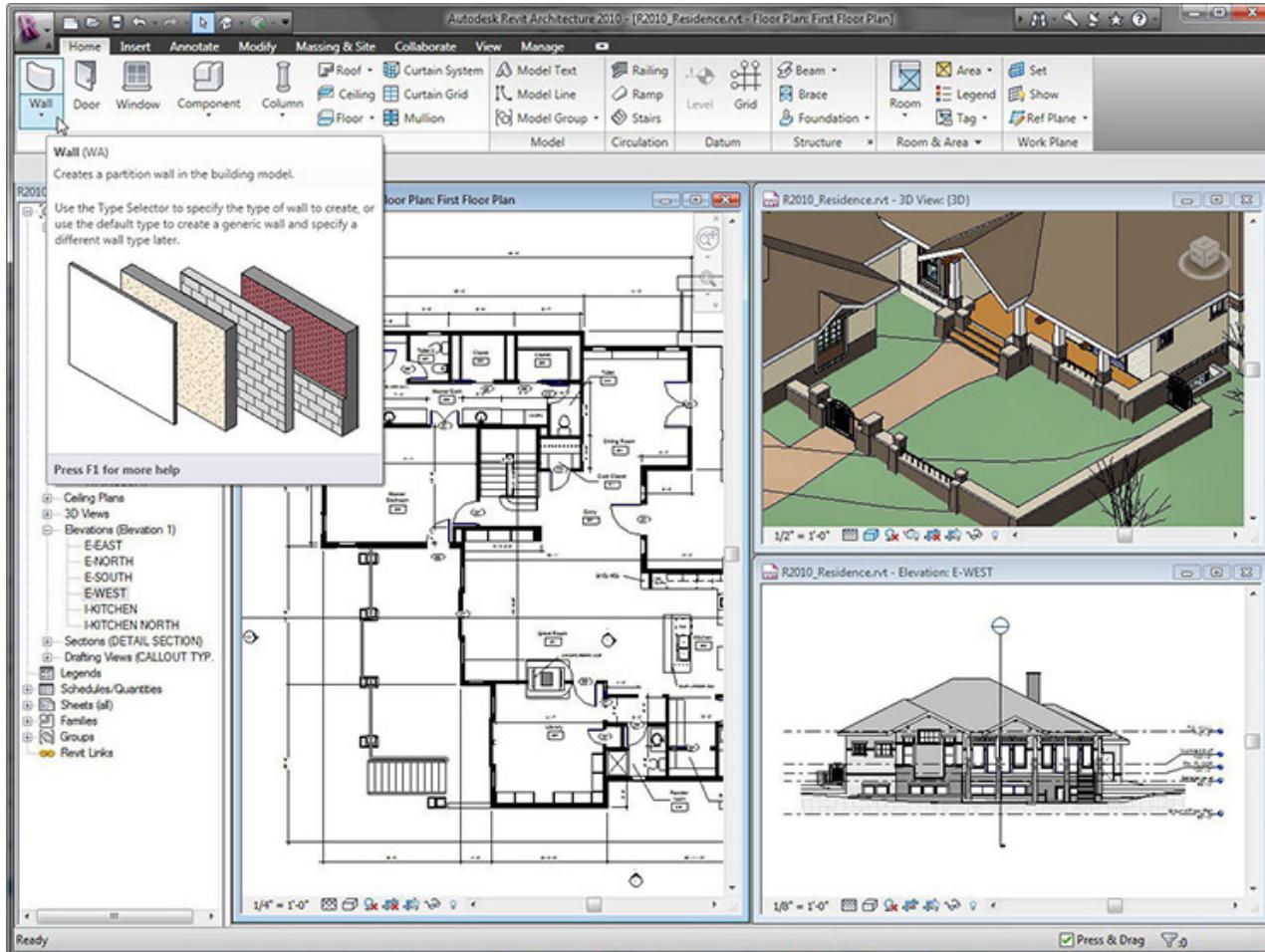
# A City-State in the Cloud

Architect buildings in VR, estimate prices, then crowdfund it in the physical world.



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Balaji Srinivasan   
@balajis

How to start a new city

- Build a community in the cloud
- Organize economy around remote work
- Enforce laws with smart contracts
- Practice in-person norms of civility
- Simulate architecture in VR
- Eventually, crowdfund territory
- And materialize city into the real world

4:05 PM · Jun 6, 2020 · Twitter for iPhone

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1,154 Retweets 422 Quote Tweets 5,782 Likes

# A Body Built on Math Over Science

Replace prestigious citation with independent replication, by embracing on-chain data/code, truly reproducible research, and citizen-verifiable news.



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0xb65bcbb85c1633b0ab4e4886c3cd8eeaeb63edbb39cacdb9223fdcf4454fd

Success

12421182

20 Block Confirmations

⌚ 4 mins ago (May-12-2021 06:36:09 PM +UTC) | ⌚ Confirmed within 30 s

0xab5801a7d398351b8be11c439e05c5b3259aec9b (Vb) 

Contract 0x95ad61b0a150d79219dcf64e1e6cc01f0b64c4ce (Shiba Inu: SHIB)

» From Vb To India Covid-Crypto... For 50,693,552,078,053.77780407104

0 Ether (\$0.00)

0.051903045 Ether (\$208.57)

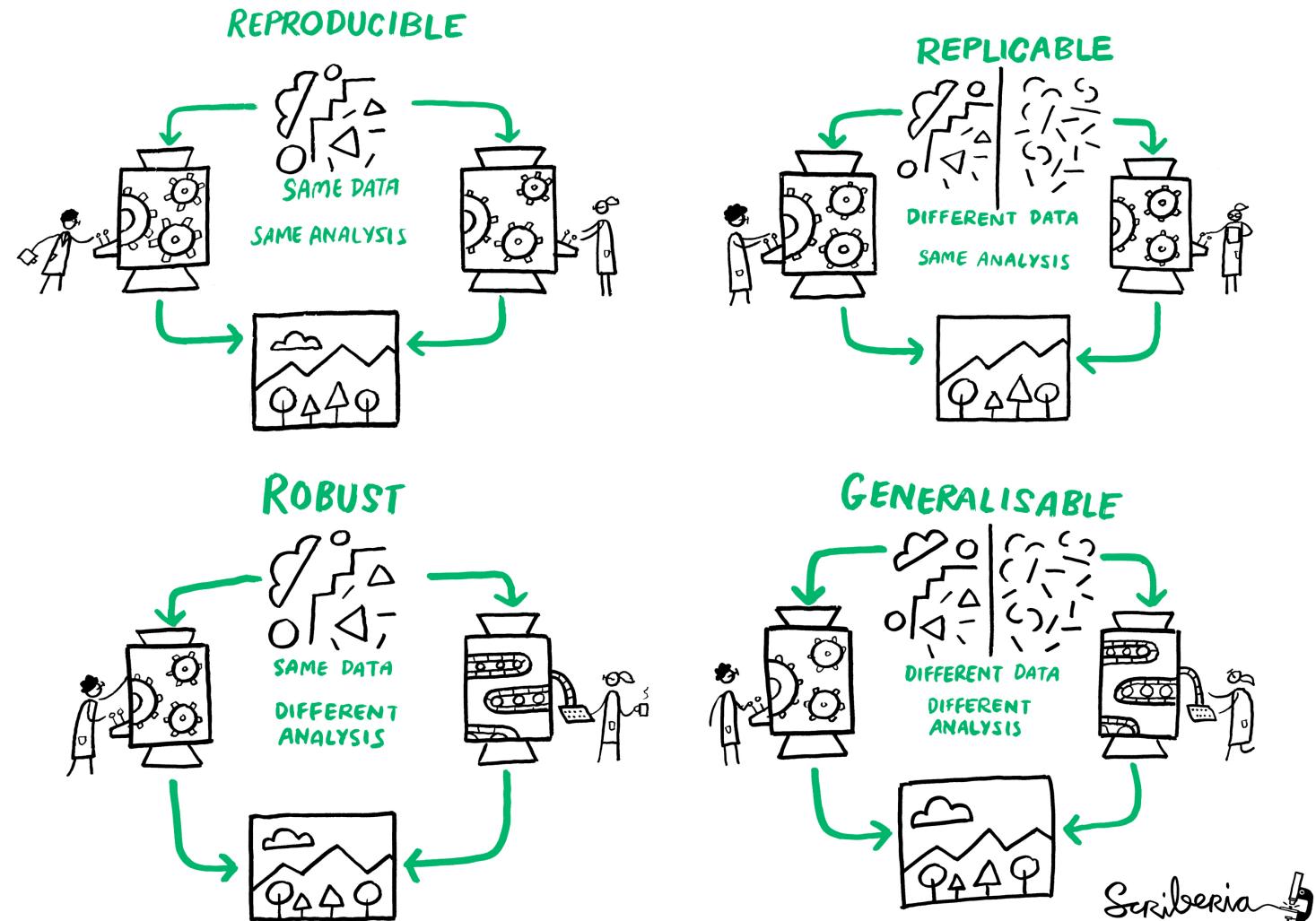
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Chainlink - Official Channel  
@chainlink

...

Balaji Srinivasan is now an advisor helping build Chainlink.

@AP's recent #Chainlink node launch was a key milestone in realizing @balajis' vision of cryptoinformation. His work on the ledger of record will help further Chainlink as the global standard for cryptographic truth.



"The ledger of record is the set of all cryptographically signed feeds of on-chain data. It subsumes social media feeds, data APIs, event streams, newsletters, RSS. It'll take years to build, but will ultimately become the decentralized layer of facts that underpins all narrative."

– Balaji Srinivasan

chain.link

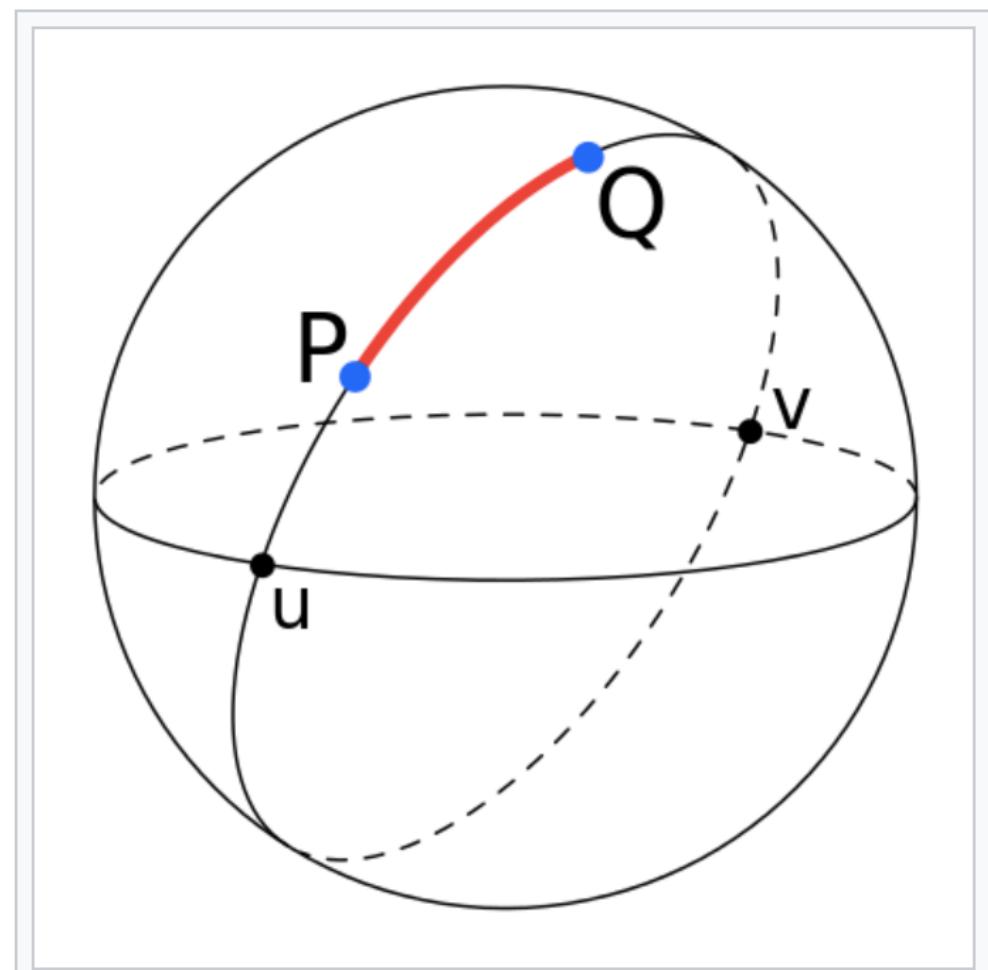
Balaji Srinivasan Is Now an Advisor Helping Build Chainlink

8:07 AM · Nov 12, 2021 · Twitter for Advertisers.

242 Retweets 44 Quote Tweets 1,512 Likes

# A Group Organized By Geodesic Over Geographic Distance

Recognize that **physical distance** is now less important than the number of degrees of separation in a social network for future polities.



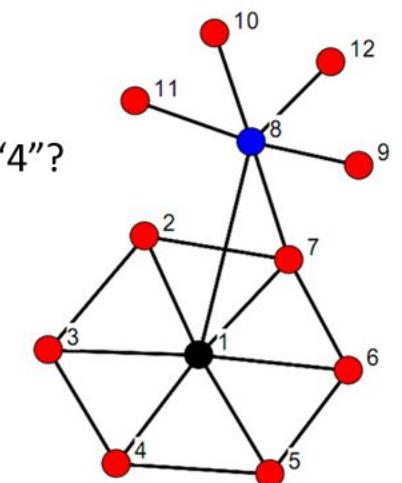
A diagram illustrating great-circle distance (drawn in red) between two points on a sphere, P and Q. Two **antipodal points**, u and v are also shown.

# A Group Organized By Geodesic Over Geographic Distance

Recognize that physical distance is now less important than the **number of degrees of separation** in a social network for future polities.

- ## Geodesic
- Several paths may exist between two nodes, but the shortest path between them is the geodesic

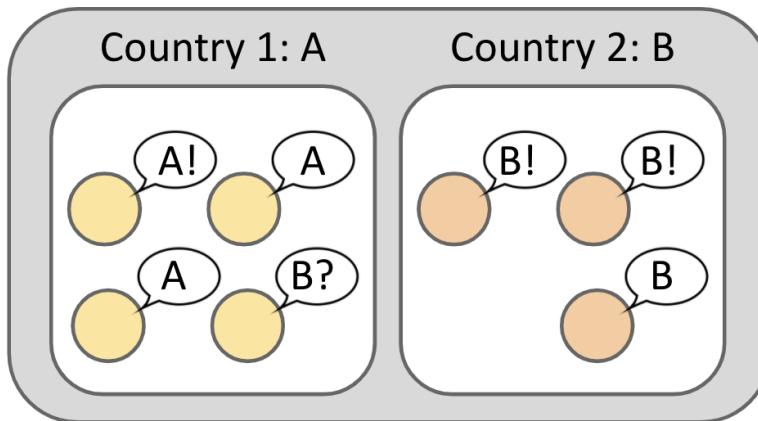
The geodesic distance between “10” and “4”?



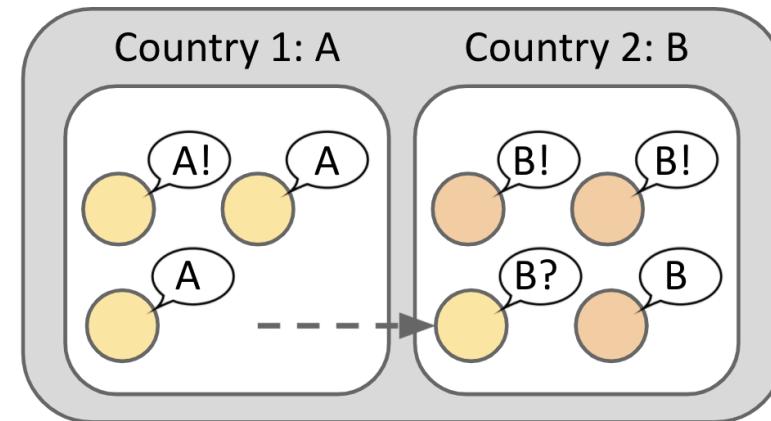
# A Polity that Prizes Exit Above Voice

Note that **exit** is the **vote that cannot be diluted**, and that exit gives others their voice. Build tools to reduce the barriers to exit.

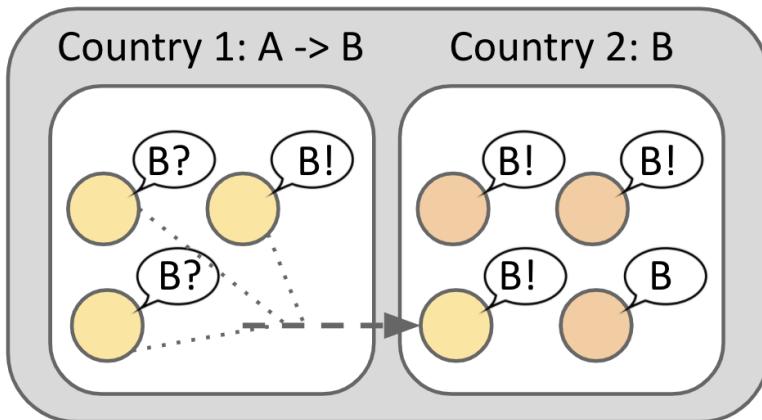
(1) Voice alone



(2) Exit



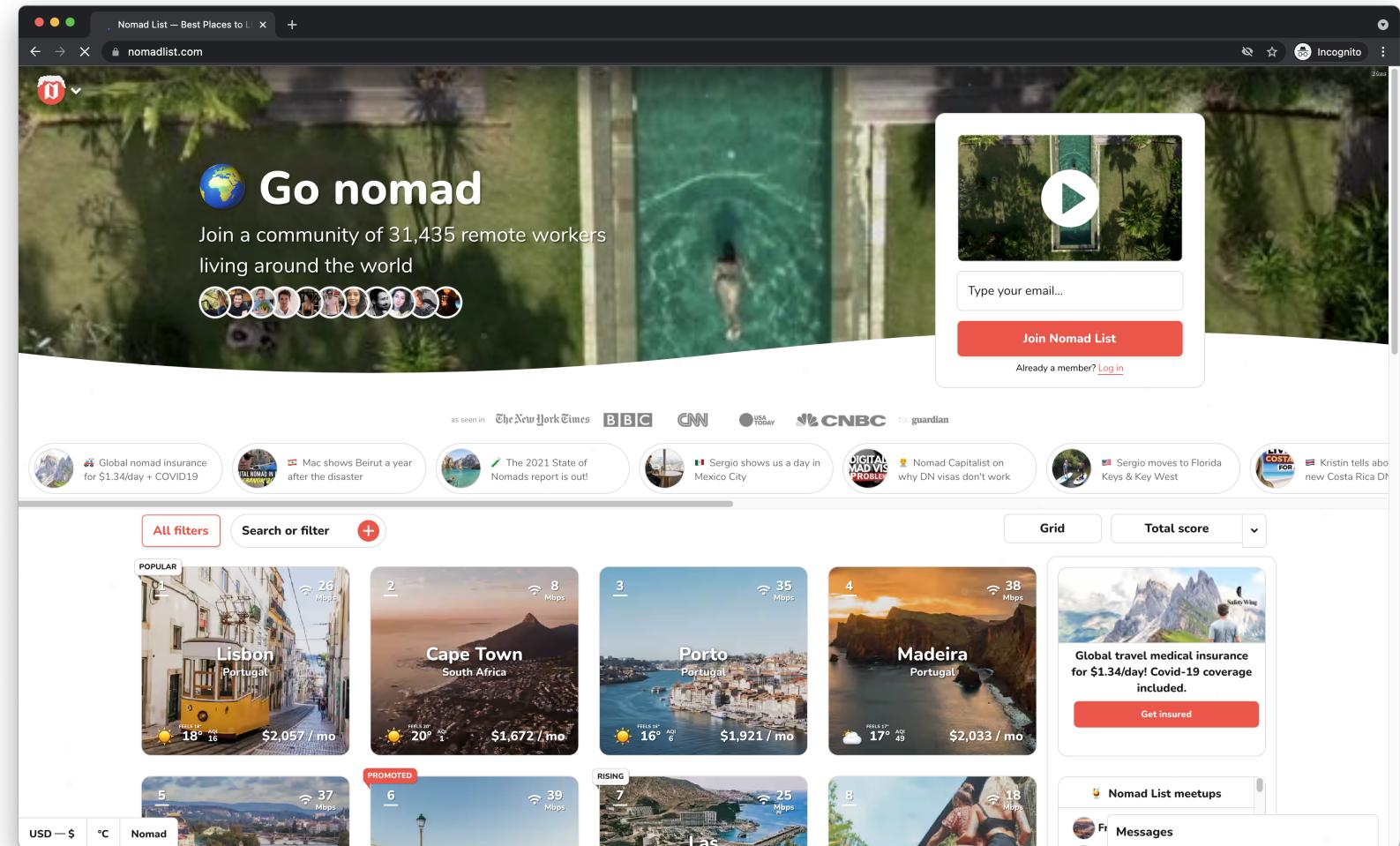
(3) Exit amplifies Voice



- Voices previously ignored gain much more attention when people are exiting in droves
- Exit amplifies voice
- Exit is why half this audience is alive
- Exit is what we need to preserve
- Exit is what this talk is about

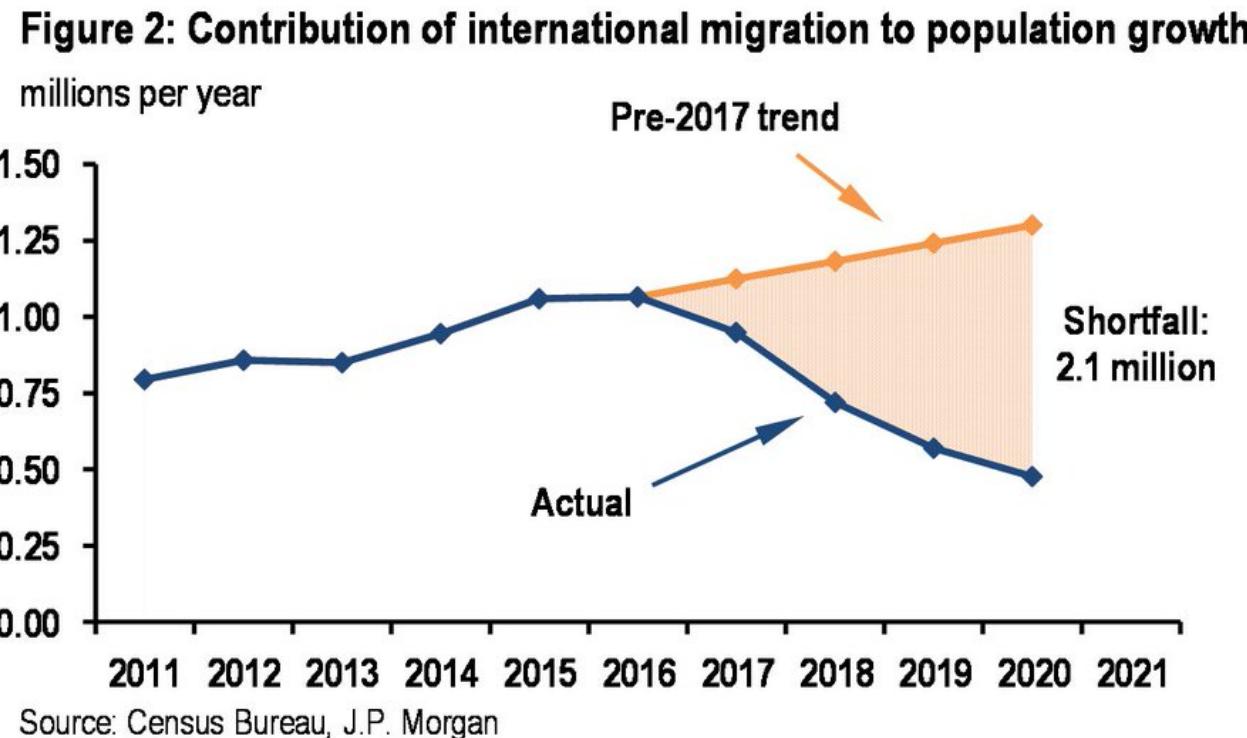
# A Polity that Prizes Exit Above Voice

Note that exit is the vote that cannot be annulled, and that exit gives others their voice. Build tools to reduce the barriers to exit.



# A State That Recruits Like a Startup

Understand that rising nationalism/socialism and the remote economy has created a global competition for talent.



# A State That Recruits Like a Startup

Understand that rising nationalism/socialism and the remote economy has created a **global competition** for talent.



Balaji Srinivasan ✅

@balajis

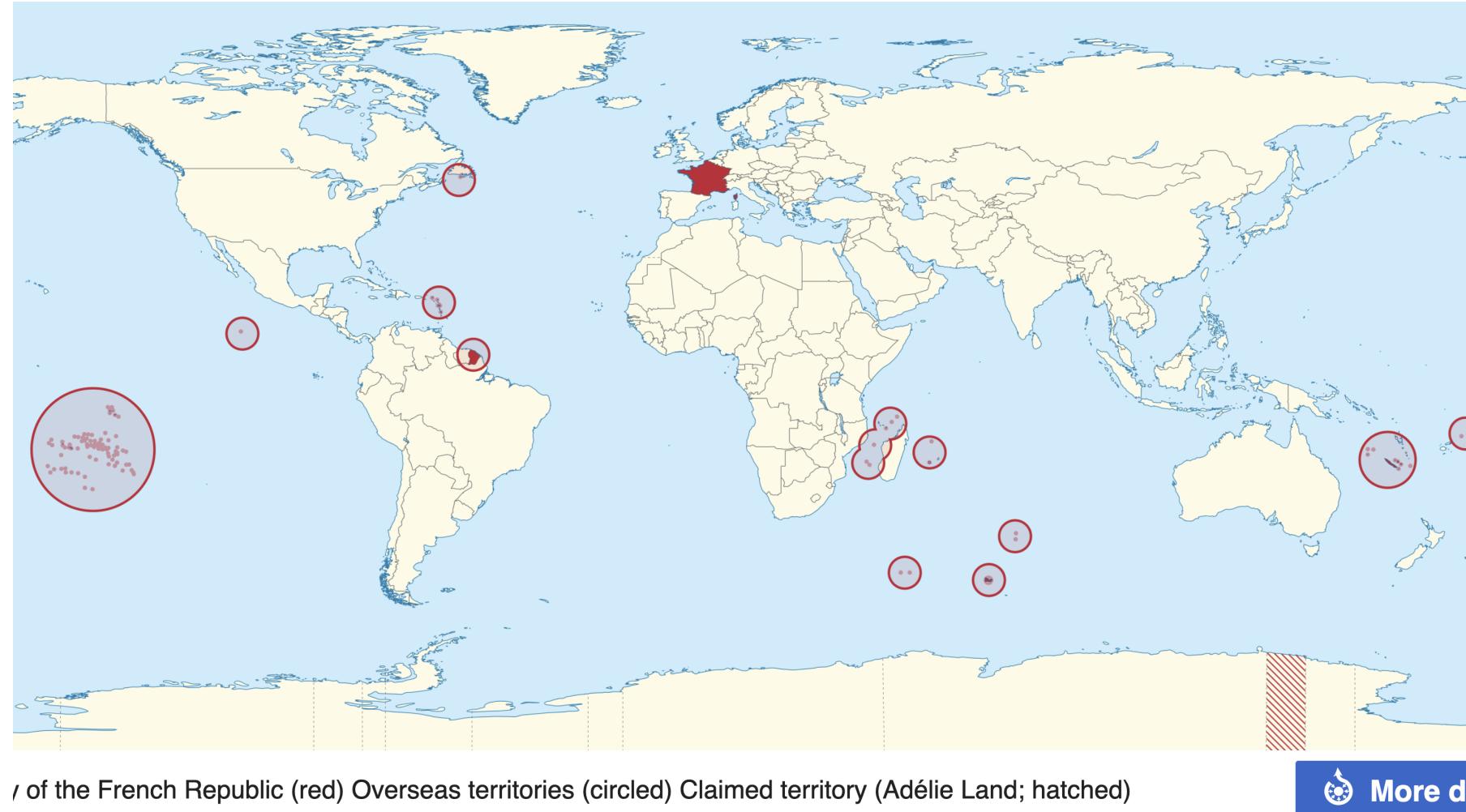
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Austin and Miami are fine alternatives to SF. But here are some others:

- Wyoming (best US crypto laws)
- Taiwan (Gold Visa)
- Finland (90 day trial)
- Singapore (Techpass)
- Portugal (Tech Visa)
- New Zealand (EHF)
- Chile (Startup Chile)

# A Territory One Can Acquire, But Not Conquer

France is a somewhat distributed country.

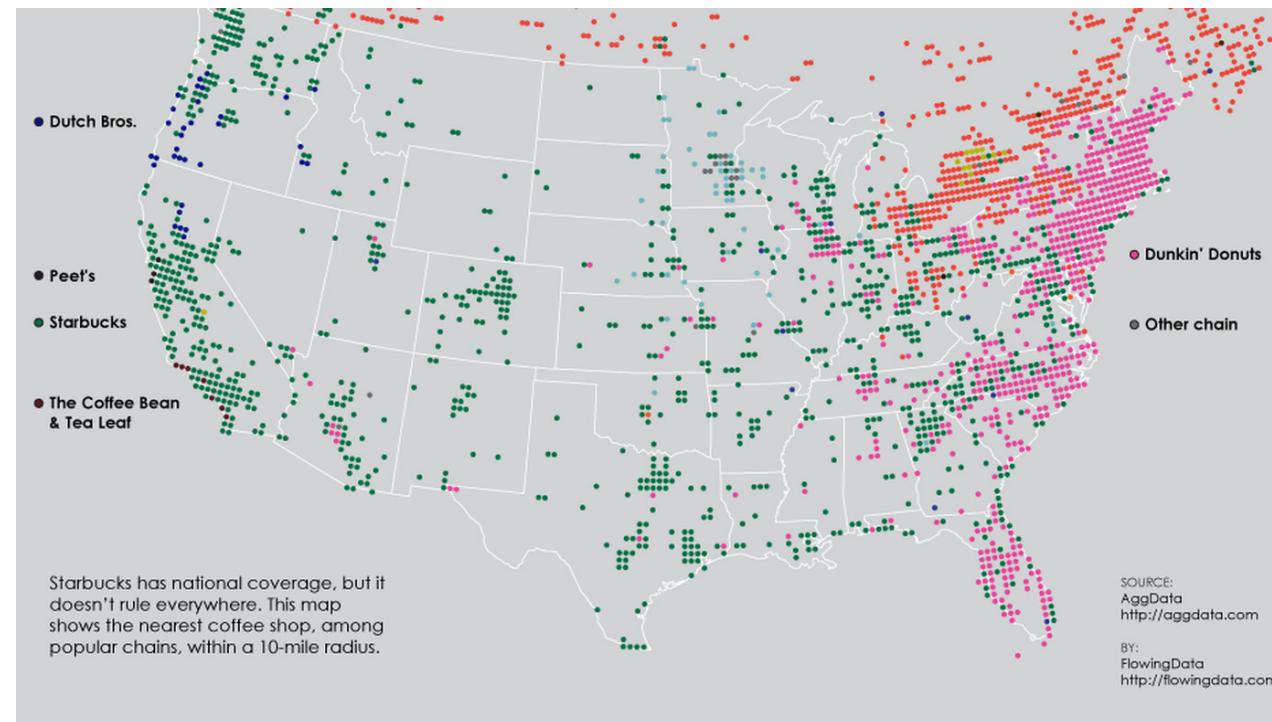


# A Territory One Can Acquire, But Not Conquer

France is a somewhat distributed country.

A restaurant chain is a distributed company.

What if we generalized the latter beyond commercial real estate? Easy to do M&A, hard to invade.



**Go  
Vertical By  
Going  
Horizontal**

Cloud formations have been growing in scale and duration since 2013.

## A Classification of Cloud Formations, Taking Physical Shape, By Scale and Duration. Includes As Yet Unobserved Formations.

	<u>1 Day</u>	<u>1 Month</u>	<u>1 Year</u>	<u>10+ Years</u>
<u>2 People</u>	Coffee w/ LinkedIn contact (2003)	Remote engineer onsite (1990s-present)	Match.com (1995)	Eharmony.com (2000)
<u>10 People</u>	Hackathons (1990s-present)	Insight Data Science (2012)	Hacker Houses (Late 2000s)	Cloud Communities
<u>100 People</u>	Meetup.com (2002)	YCombinator (2005)	Internet Startups (90s-present)	Cloud Communities
<u>1,000 People</u>	YC Startup School (2013)	Occupy Wall Street (2011)	Cloud Communities	Cloud Towns
<u>10,000 People</u>	Stewart/Colbert Rally (2010)	Cloud Gatherings	Cloud Communities	Cloud Cities
<u>100,000+ People</u>	Arab Spring (2011)	Cloud Gatherings	Cloud Communities	Cloud Countries

# Go Vertical By Going Horizontal

Their physical manifestation may be **horizontal**, for the population to go vertical.



# A Nation Built From the Internet Rather than Disrupted By It

The internet is causing American anarchy and Chinese control. Can we instead get to infinity, build a future city?



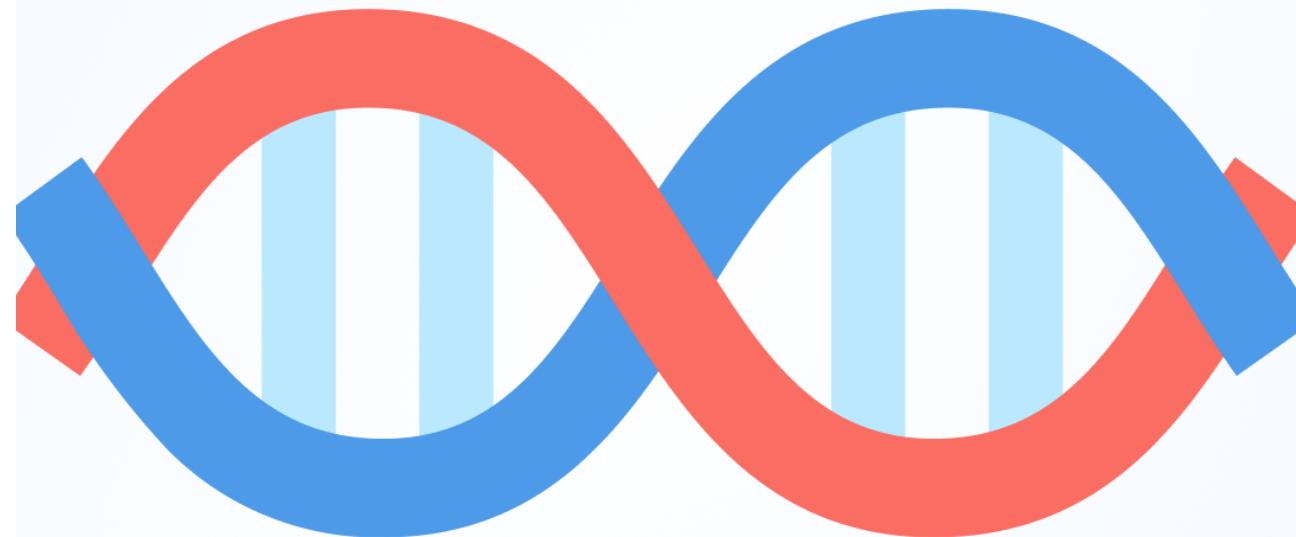
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## Next Steps

For some of this in essay form, go to [1729.com/the-network-state](https://1729.com/the-network-state).

To contribute figures and copy edits, go to [github.com/1729/content/issues](https://github.com/1729/content/issues).