Construire un Facebook décentralisé

Qui suis-je ?

@AntoineCailly

acailly

@Antoine Cailly

zenika

<animés par la passion>

Great Place To Work.

Best Workplaces™

50 à 500 salariés

FRANCE 2018

Pourquoi ?

The Guardian

The Cambridge Analytica Files Cambridge Analytica

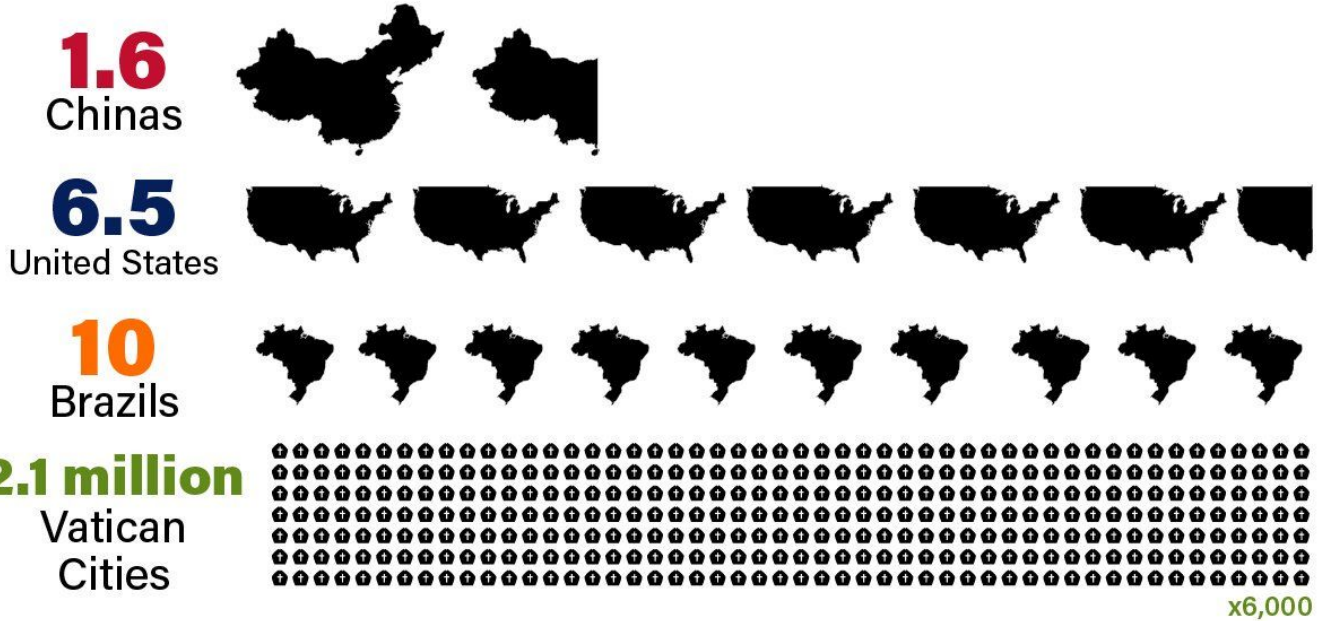
Revealed: 50 million Facebook profiles harvested for Cambridge Analytica in major data breach

Whistleblower describes how firm linked to former Trump adviser Steve Bannon compiled user data to target American voters

https://www.theguardian.com/news/2018/mar/17/cambridge-analytica-facebook-influence-us-election

IF FACEBOOK WERE A COUNTRY

The population of Facebook-istan (2.1 billion monthly active users) would be equal to...



SIGNAL
Gzeromedia.com

Note: Active global Facebook users as of end of 2017

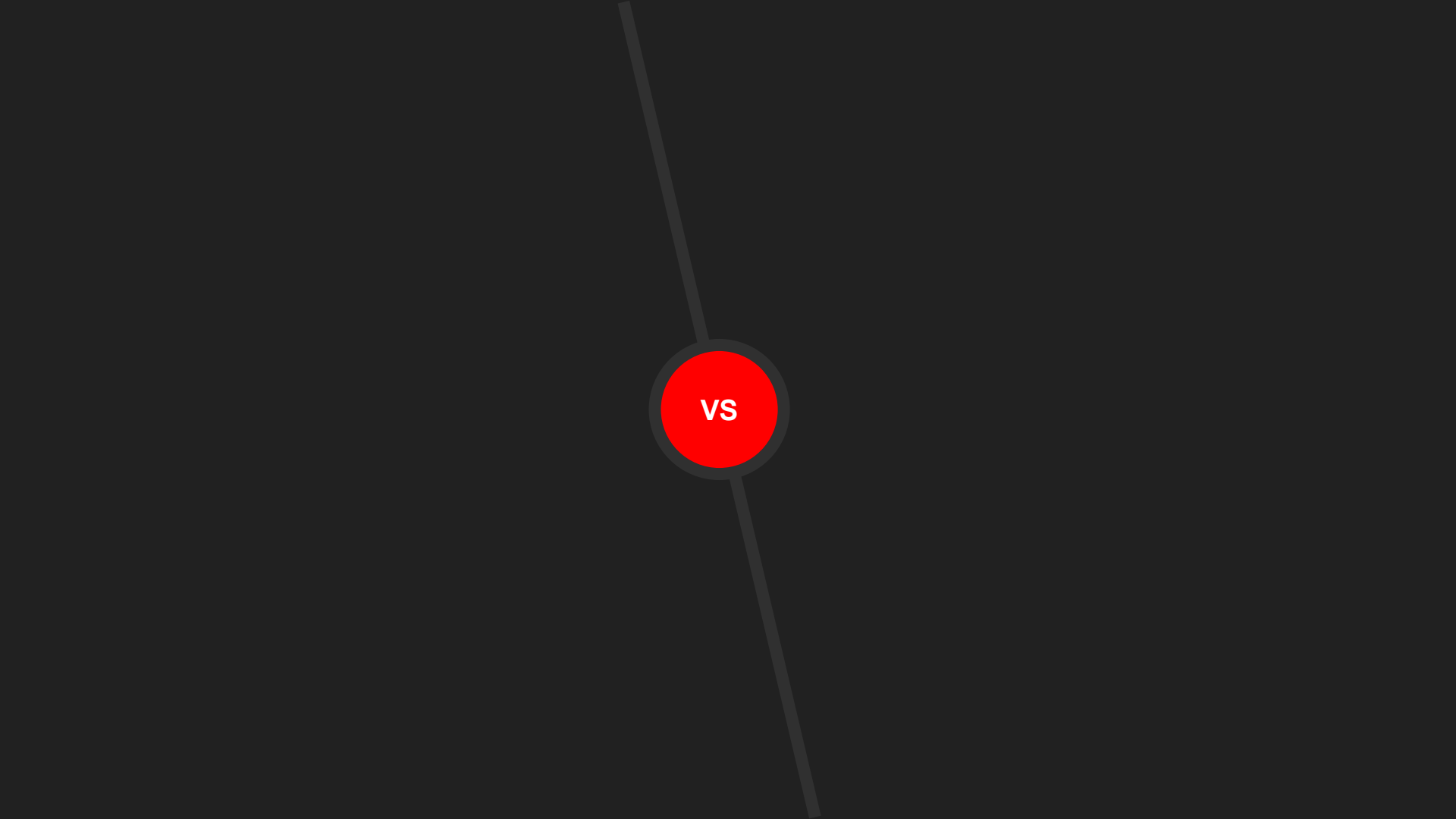
Sources: Statista, World Bank

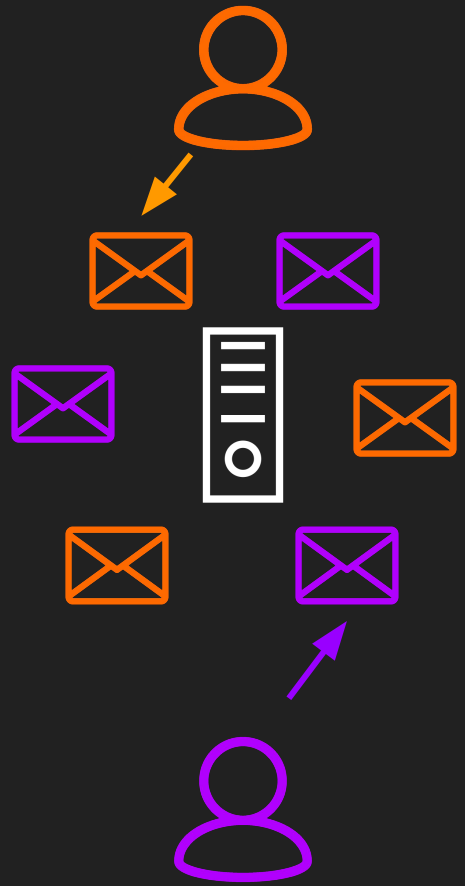
https://twitter.com/gzeromedia/status/986336209583603713

Construire un Facebook décentralisé

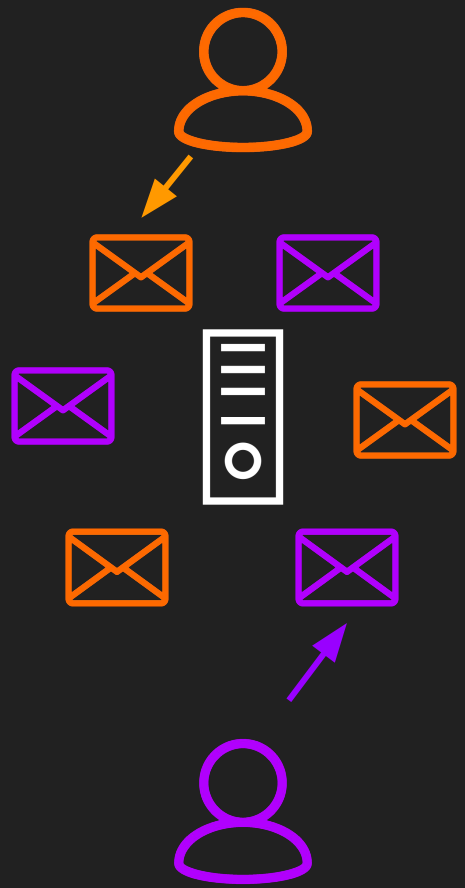
Scuttlebutt

L’essentiel


VS



VS



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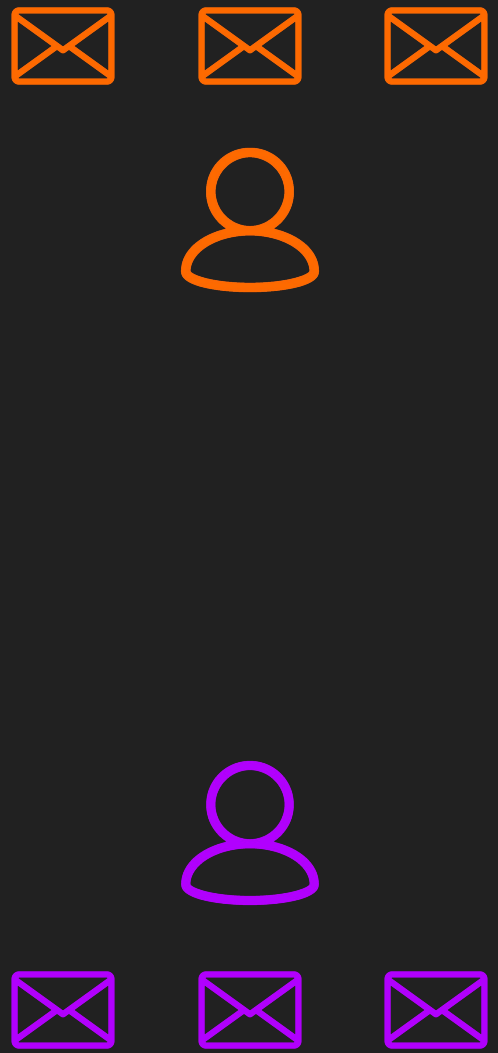

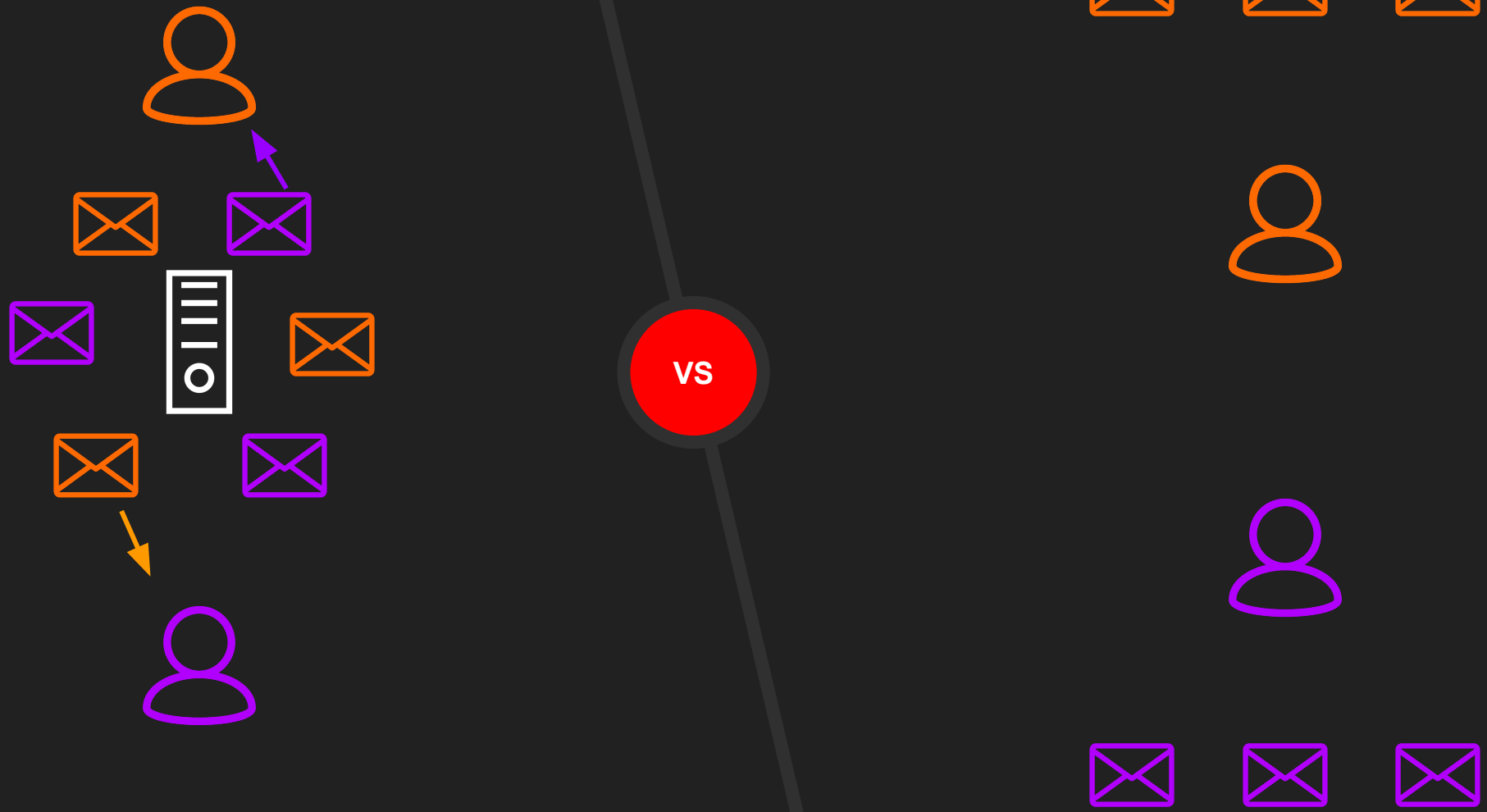
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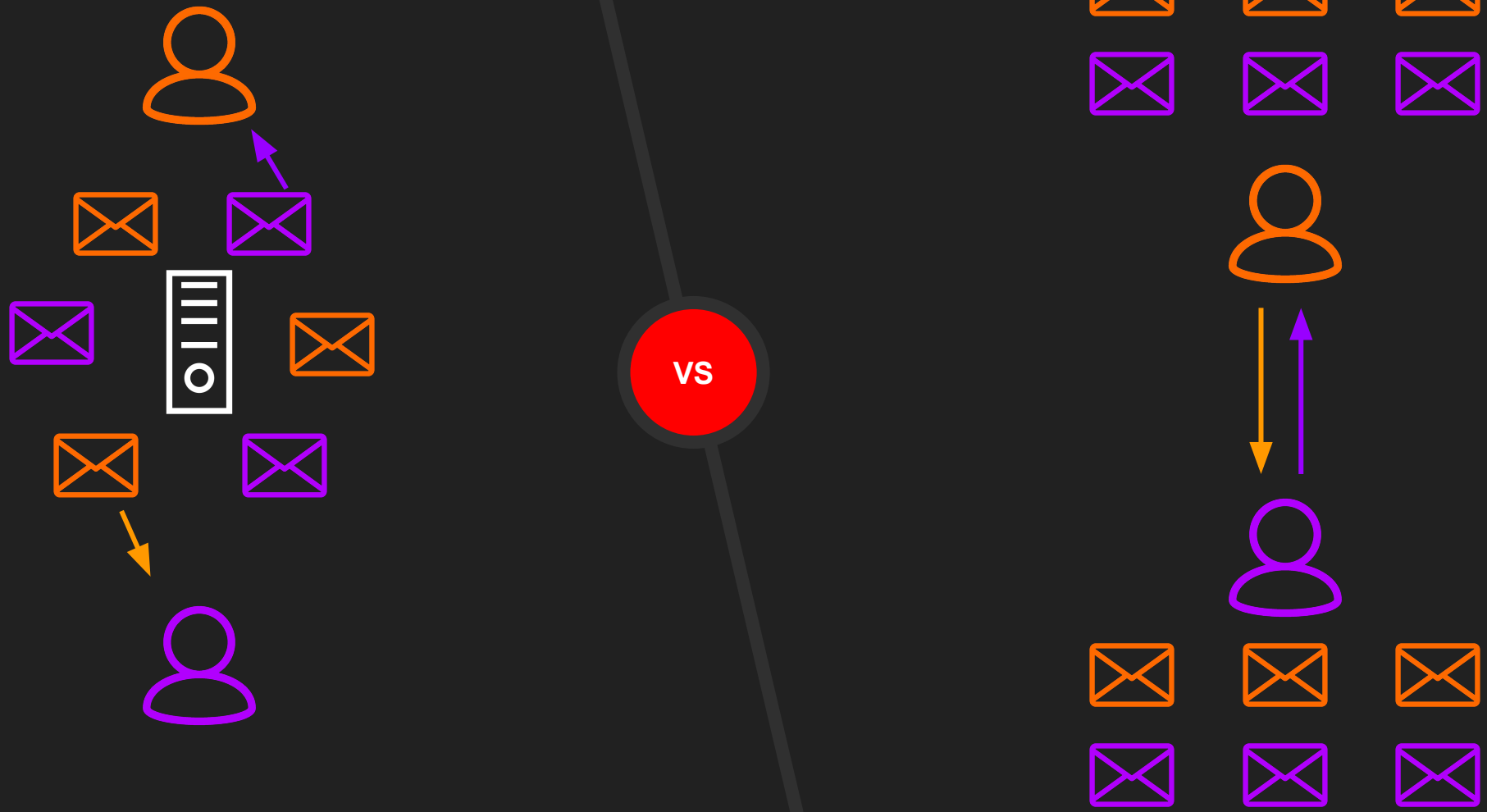
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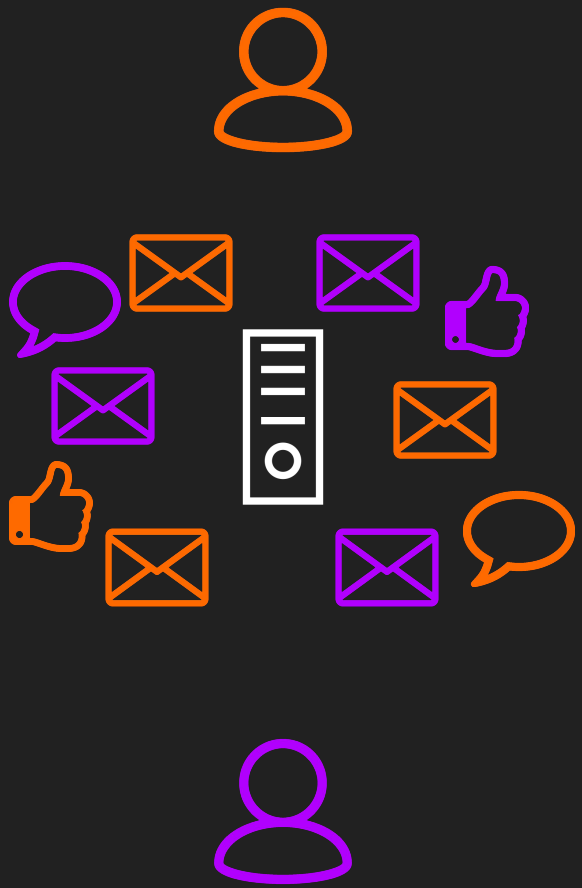

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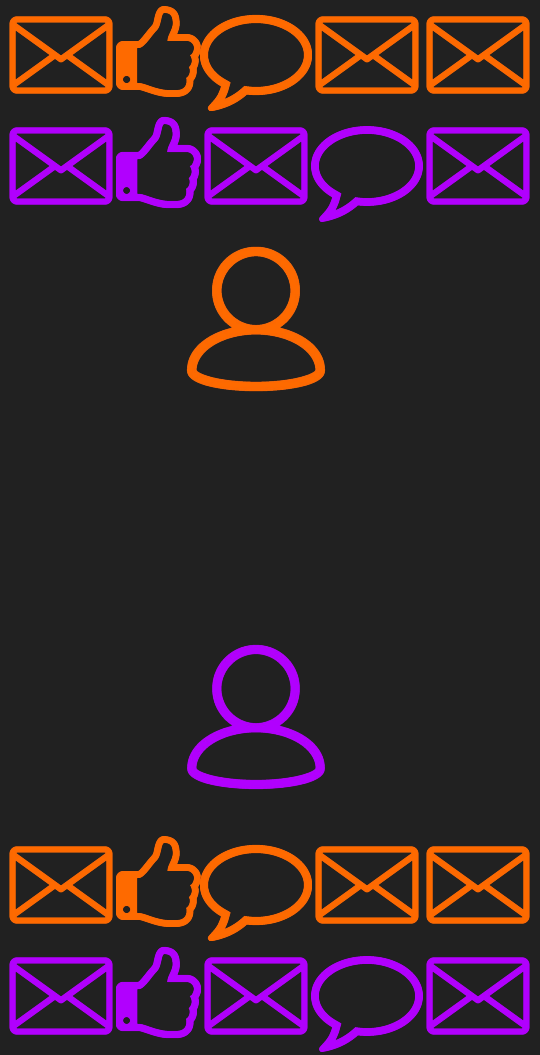
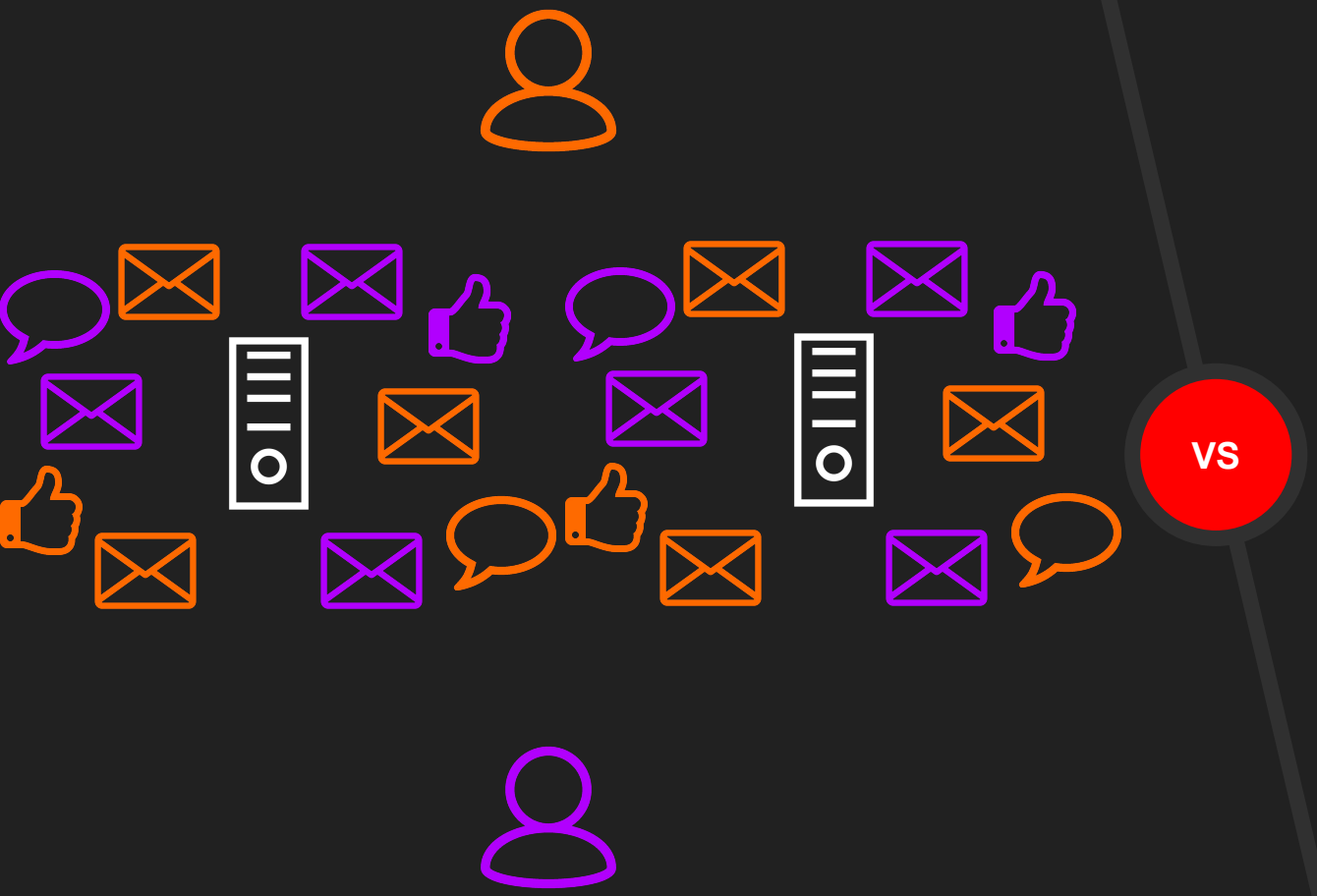
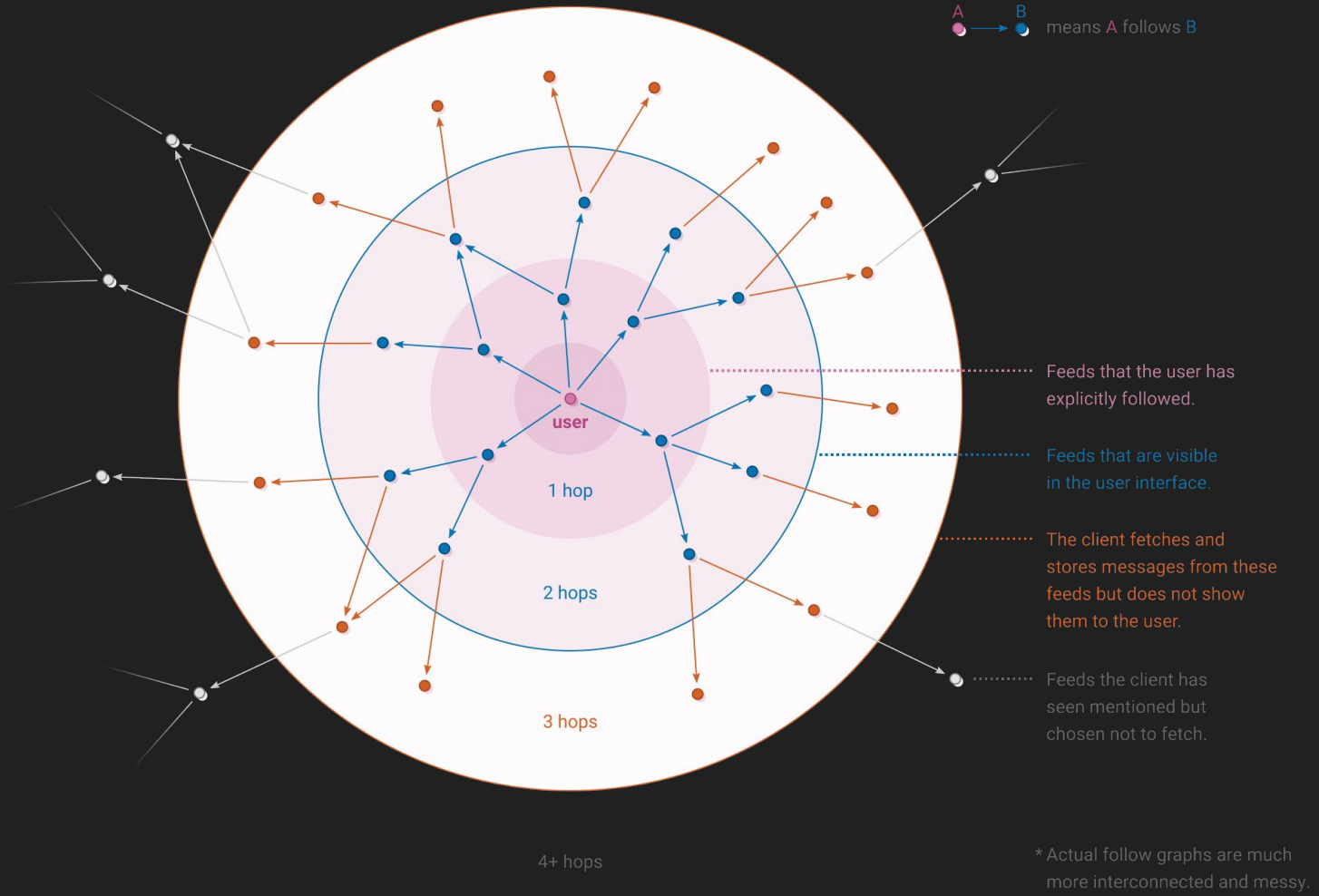
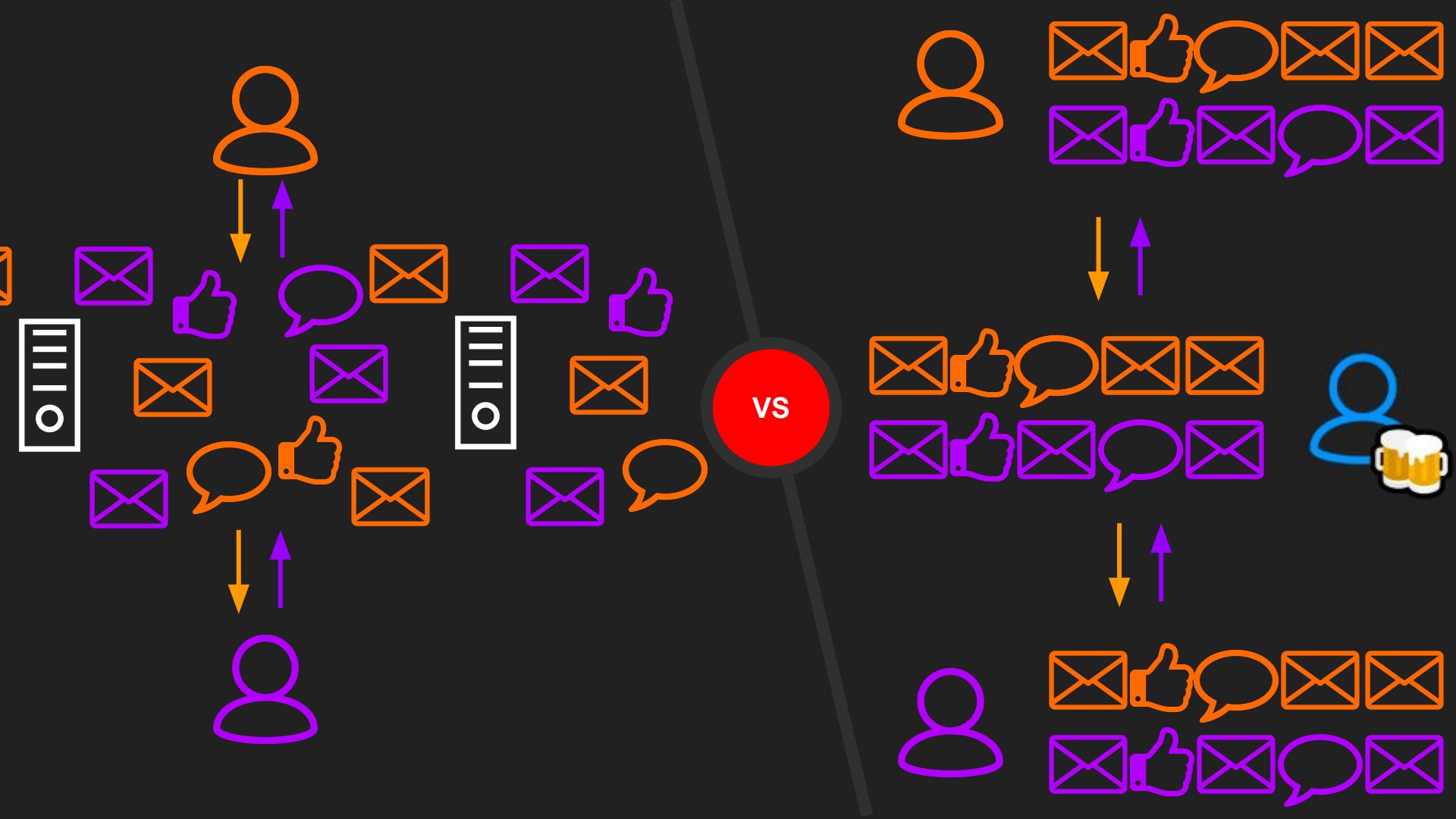



VS

Friends are
our data center


A
B
means A follows B
user
1 hop
2 hops
3 hops
4+ hops
Feeds that the user has explicitly followed.
Feeds that are visible in the user interface.
The client fetches and stores messages from these feeds but does not show them to the user.
Feeds the client has seen mentioned but chosen not to fetch.
* Actual follow graphs are much more interconnected and messy.

Rencontrer des amis au pub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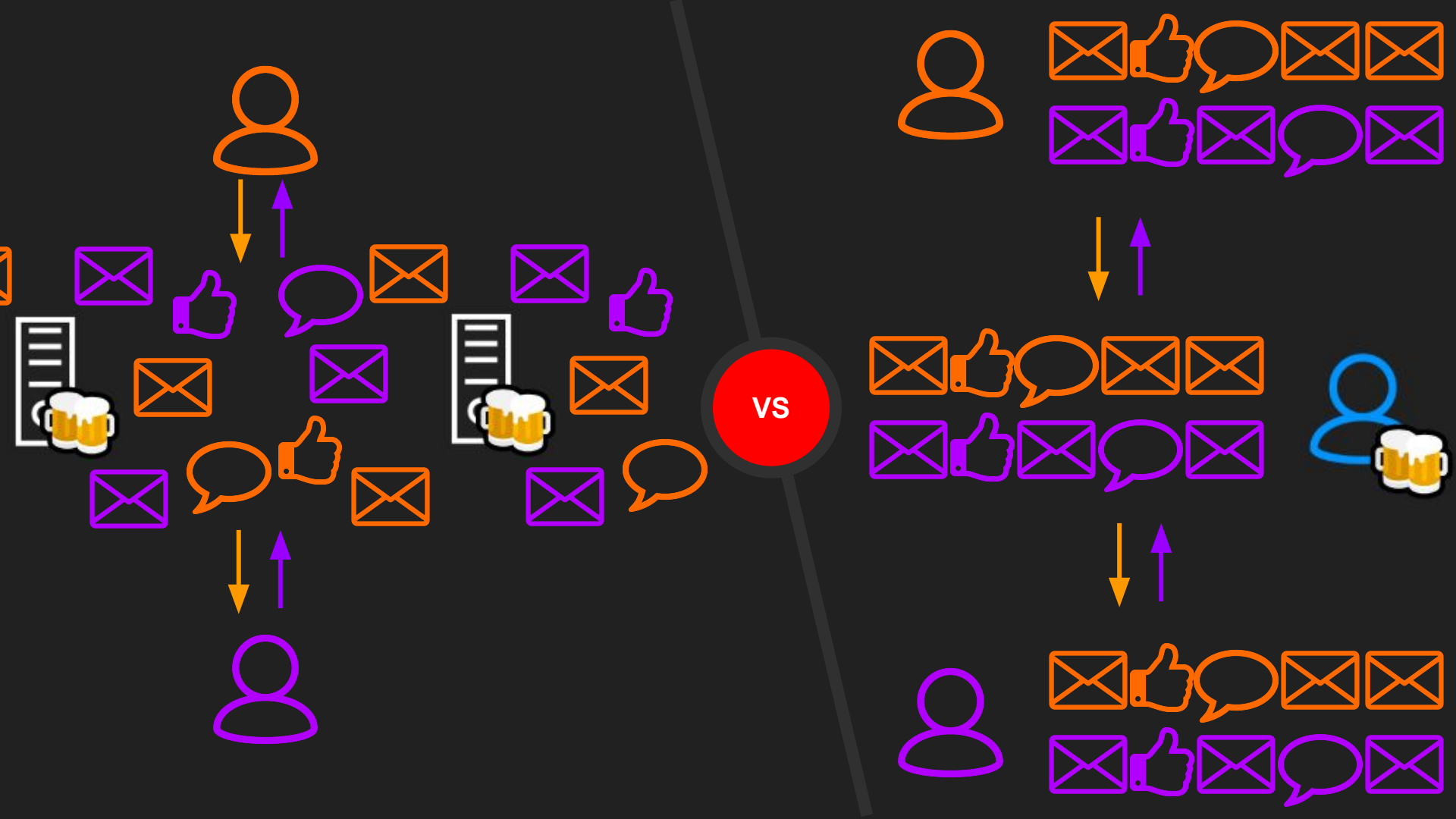
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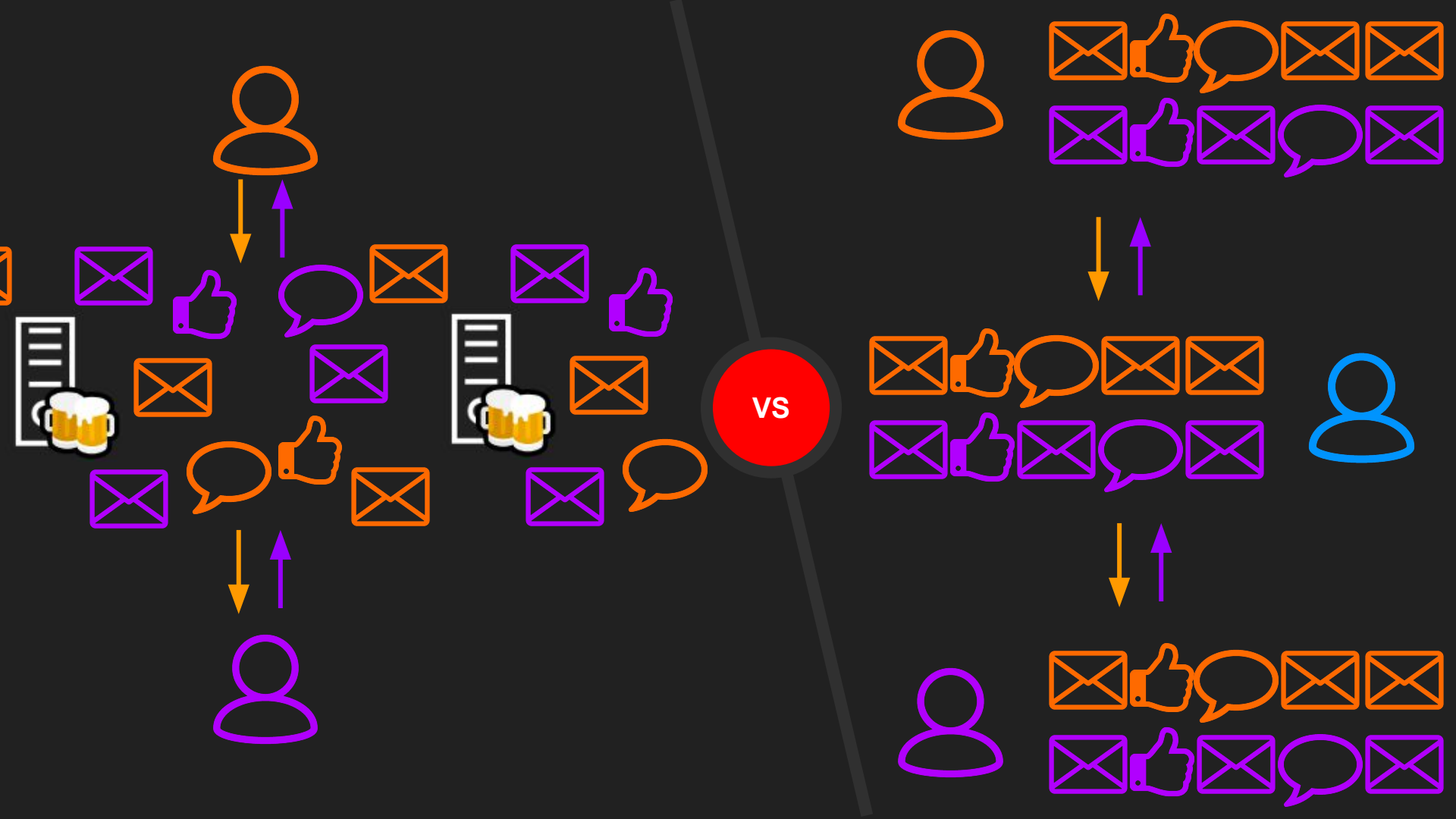
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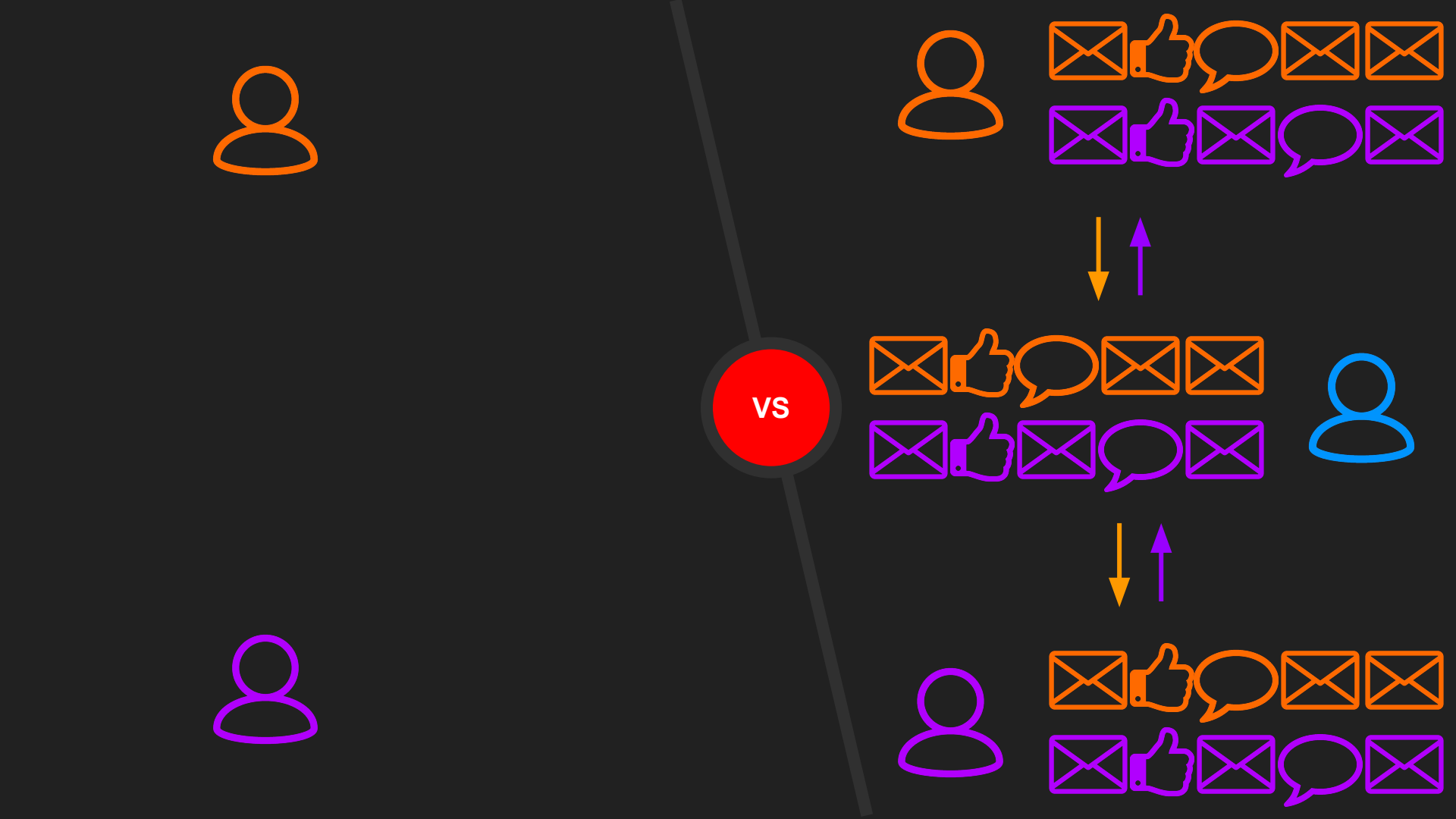
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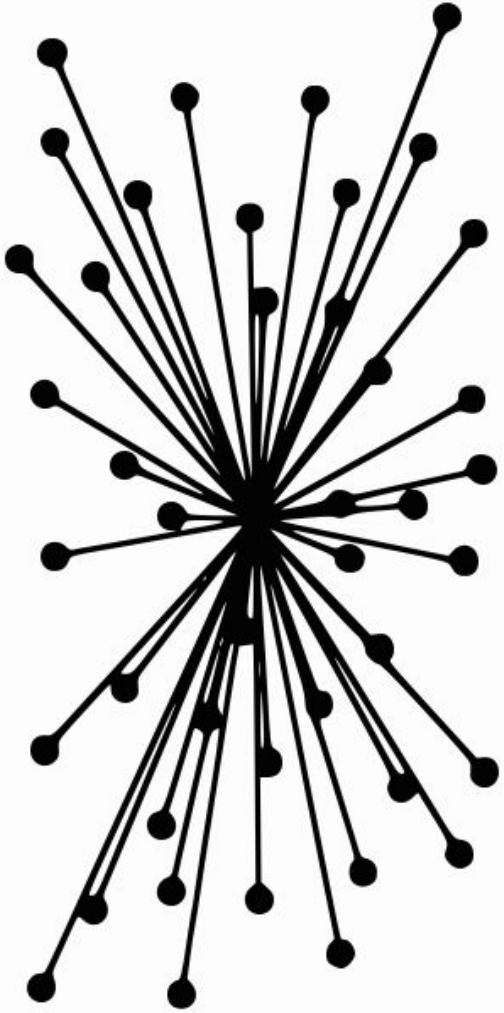
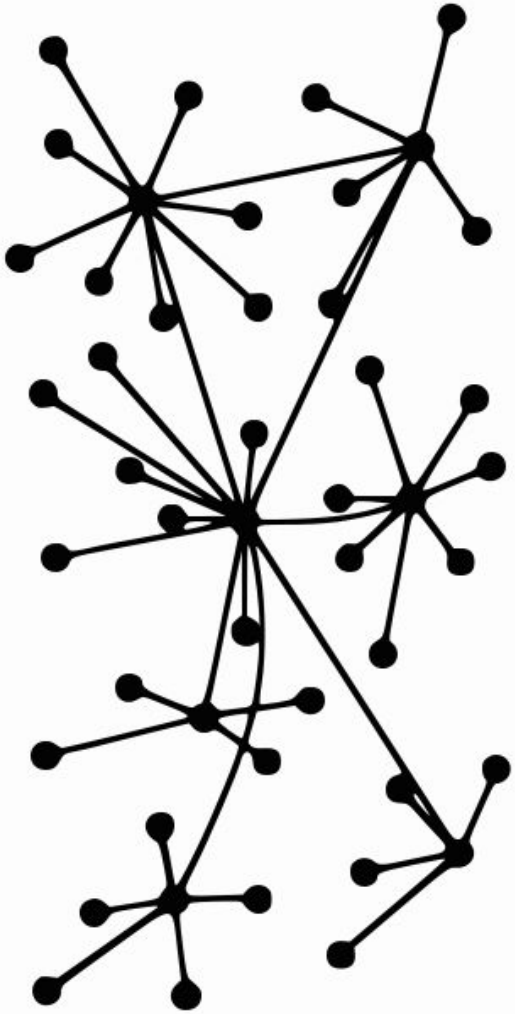
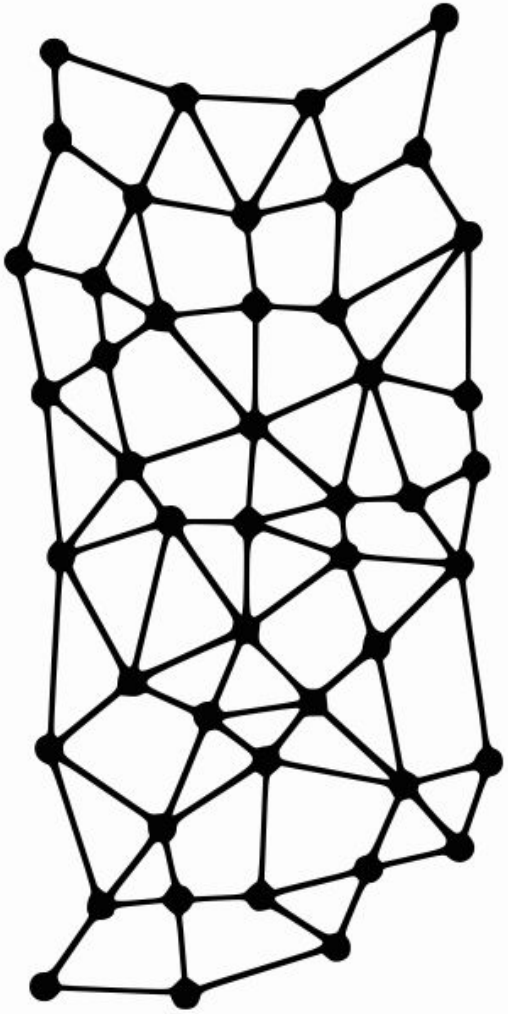




André Staltz
@andrestaltz

Suivre

Scuttlebutt is *not* federated (like Diaspora or Mastodon). That's a common misunderstanding.

The so-called Pub servers are nothing else than mirror servers. If they fall, nothing is lost in the network. And without any Pubs, you could still communicate via gossip and LANs.

https://twitter.com/andrestaltz/status/971143972499460096?lang=fr

Parlons sécurité

Personne ne déforme mes propos

VS

HASHAGE

=

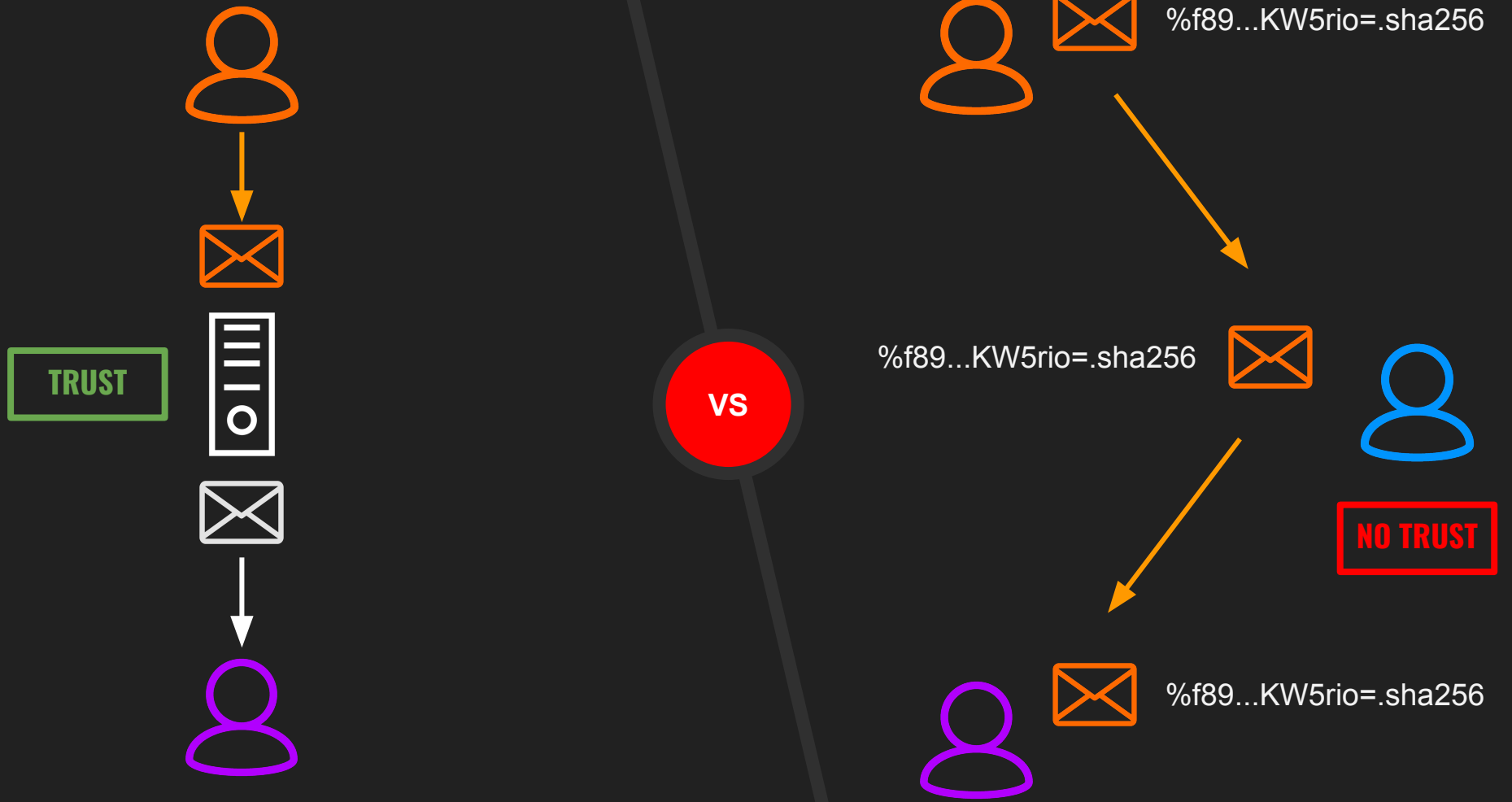
%f89...KW5rio=.sha256

≠

≠

=

%ad3...yHt6uw=.sha256


TRUST
VS
%f89...KW5rio=.sha256
%f89...KW5rio=.sha256
NO TRUST
%f89...KW5rio=.sha256

Personne ne peut usurper mon identité

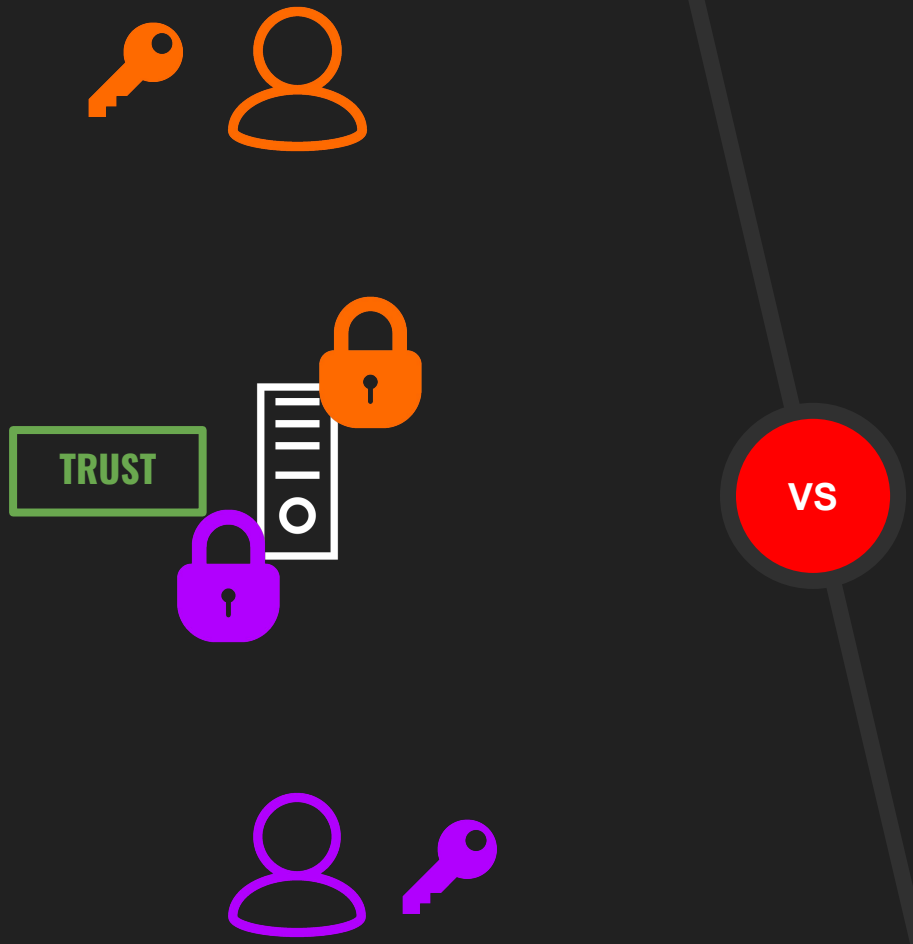
';--have i been pwned?

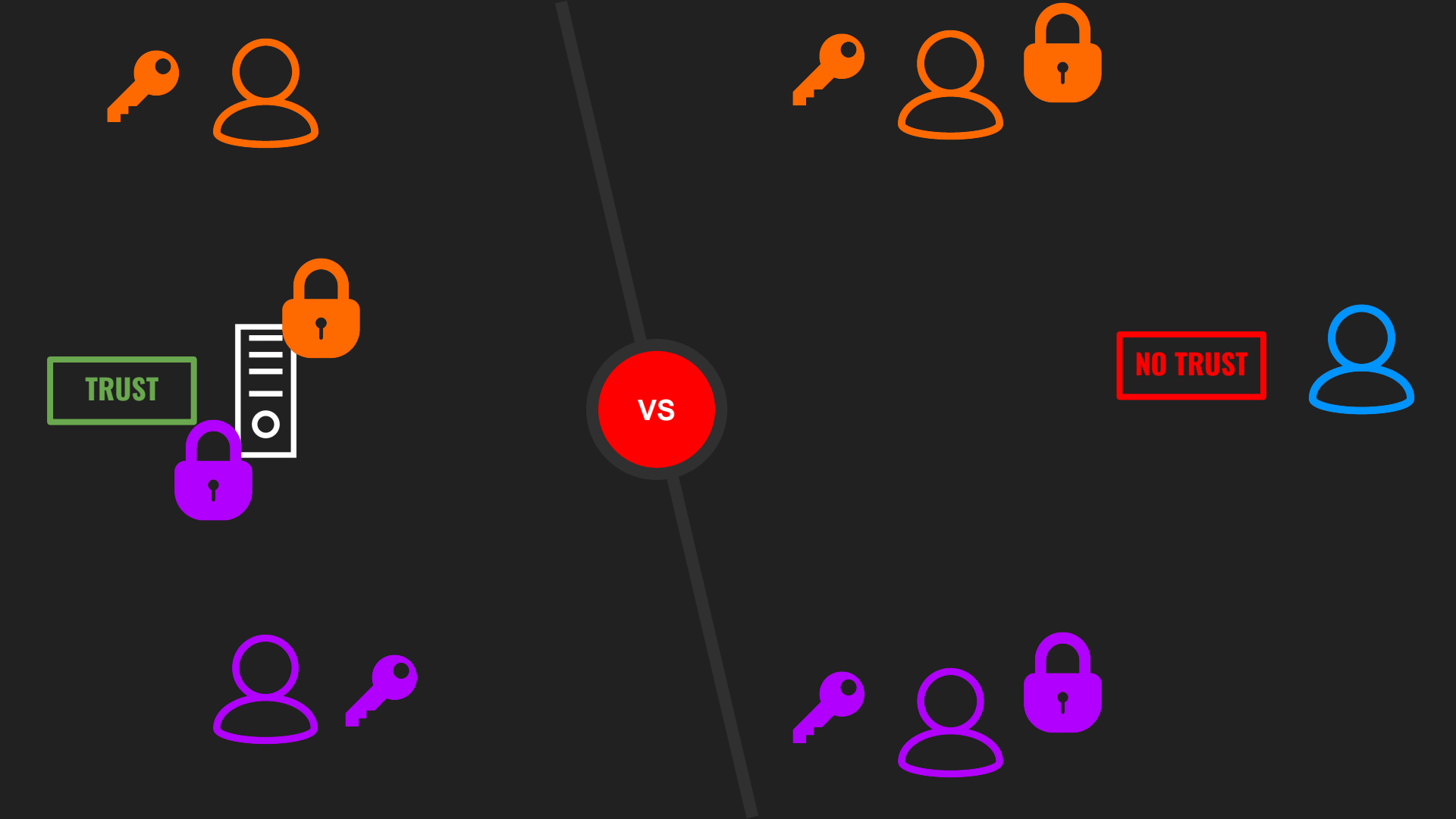
Check if you have an account that has been compromised in a data breach

Oh no — pwned!

Pwned on 6 breached sites and found no pastes (subscribe to search sensitive breaches)

https://haveibeenpwned.com/

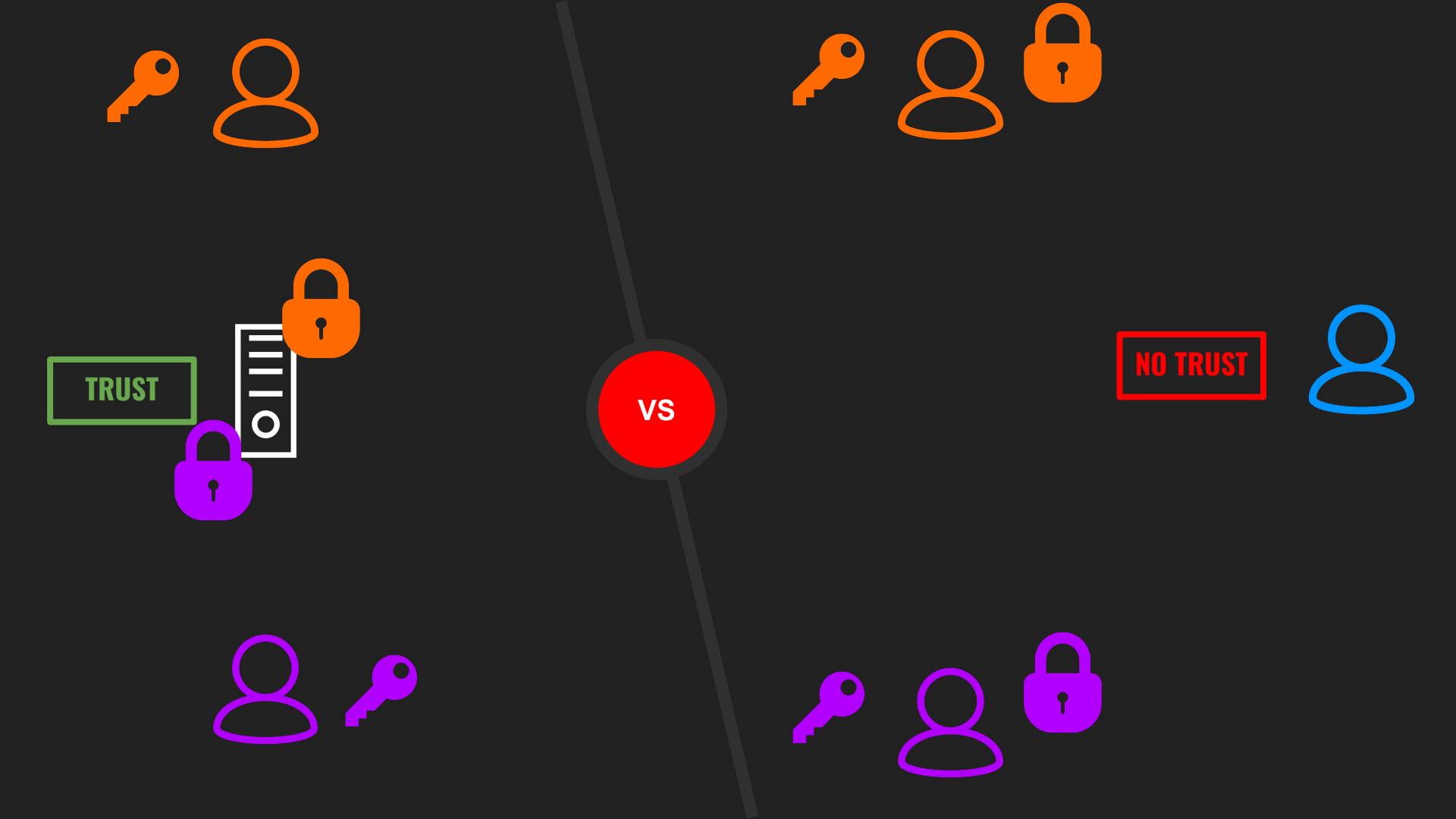

TRUST
VS

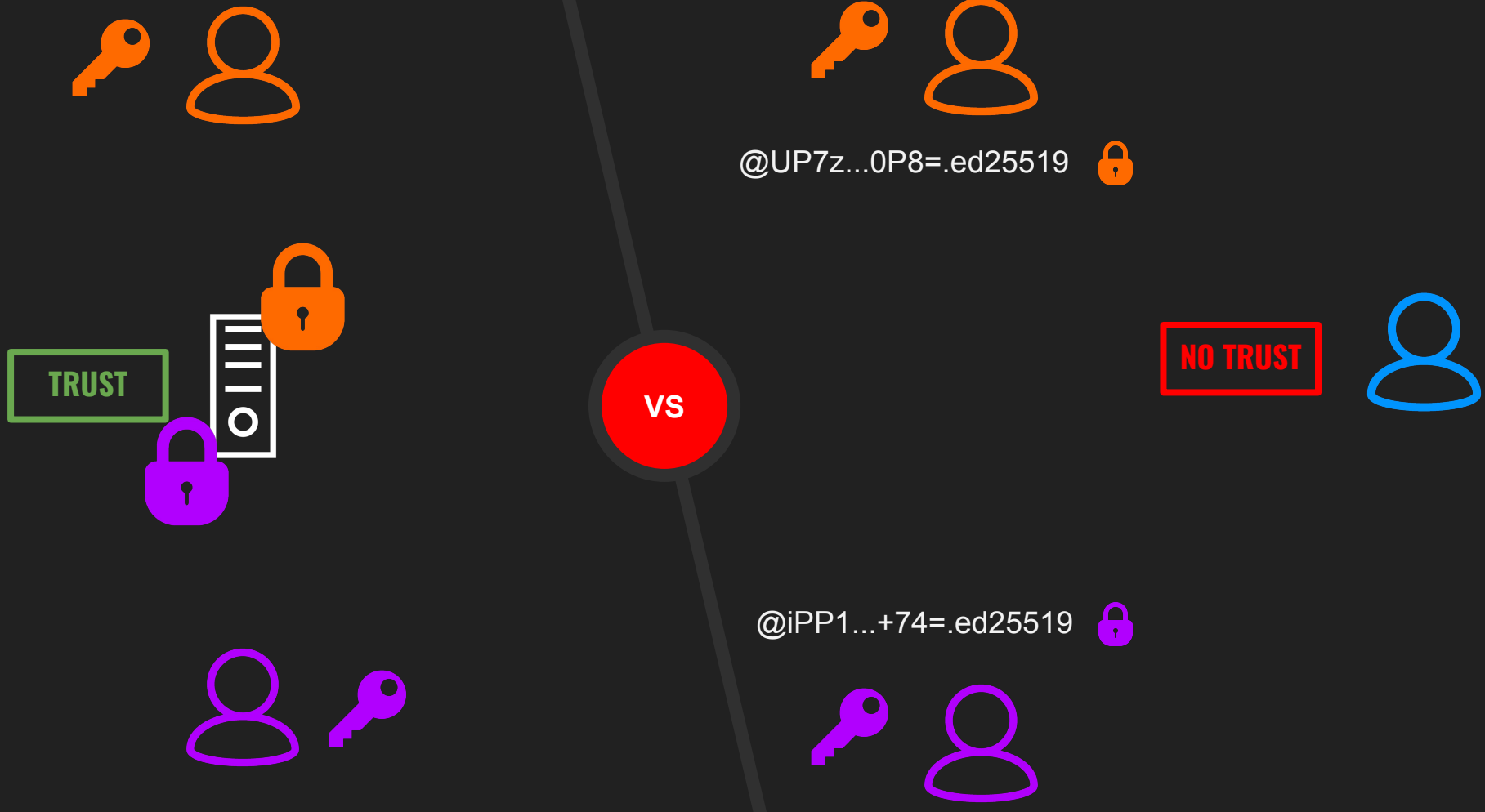

TRUST
VS
NO TRUST

CRYPTOGRAPHIE ASYMÉTRIQUE

CHIFFREMENT

Personne d’autre ne lit le message


TRUST
VS
NO TRUST


@UP7z...0P8=.ed25519
TRUST
VS
NO TRUST
@iPP1...+74=.ed25519

Mes
messages privés
restent privés

Bloomberg

Technology

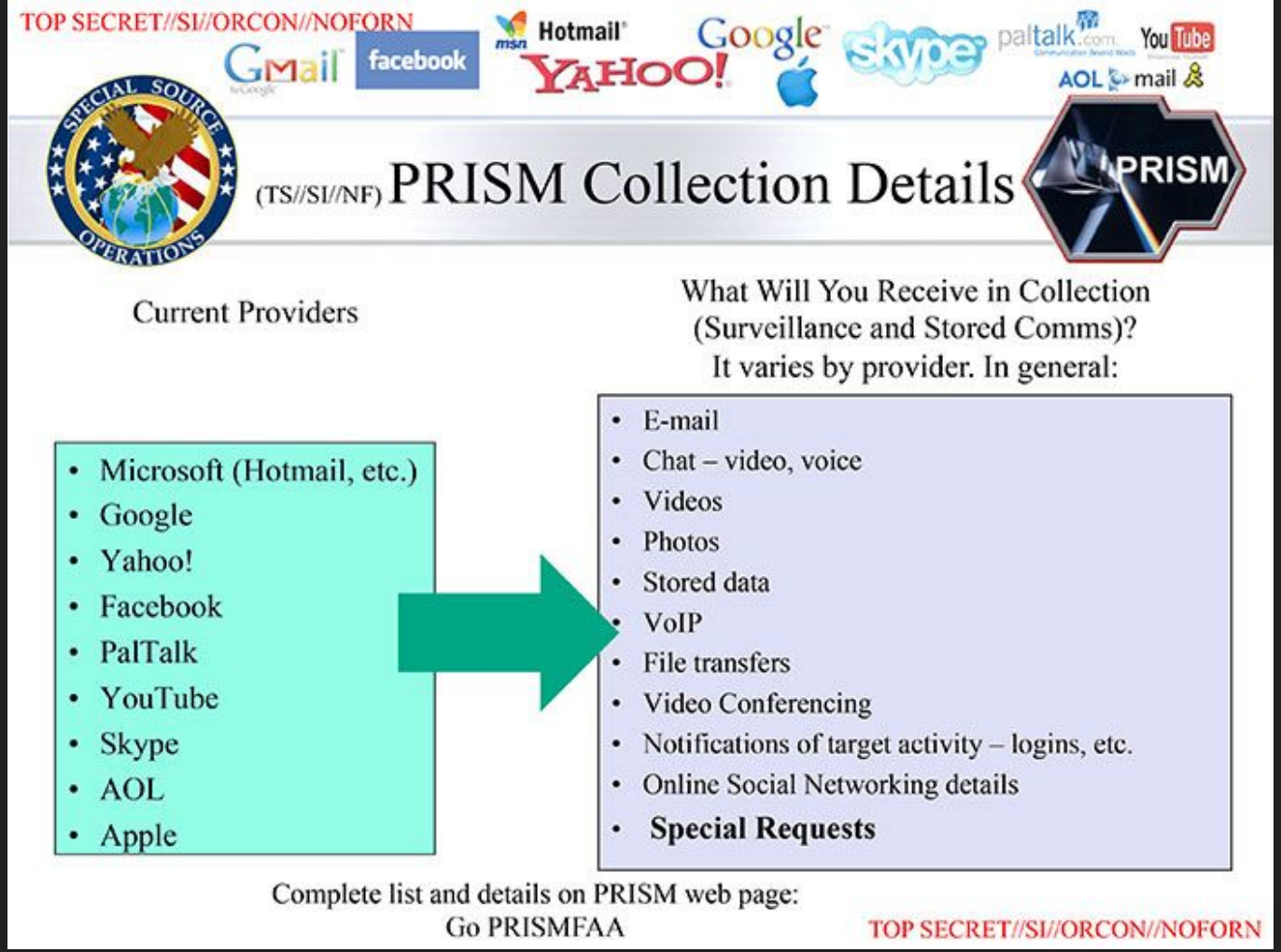
Facebook Scans the Photos and Links You Send on Messenger

By Sarah Frier

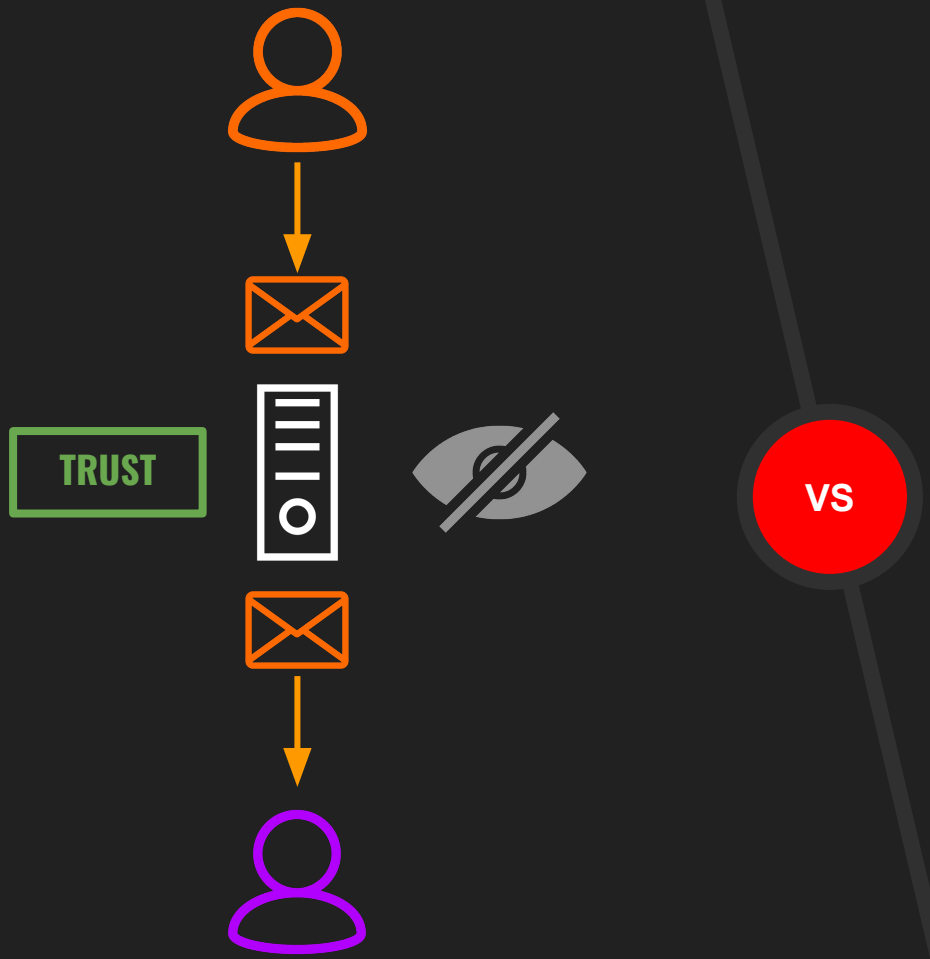
4 avril 2018 à 16:59 UTC+2 *Updated on 4 avril 2018 à 20:06 UTC+2*

- System aims to detect content that violates standards
- Company on the defensive about how it handles private data

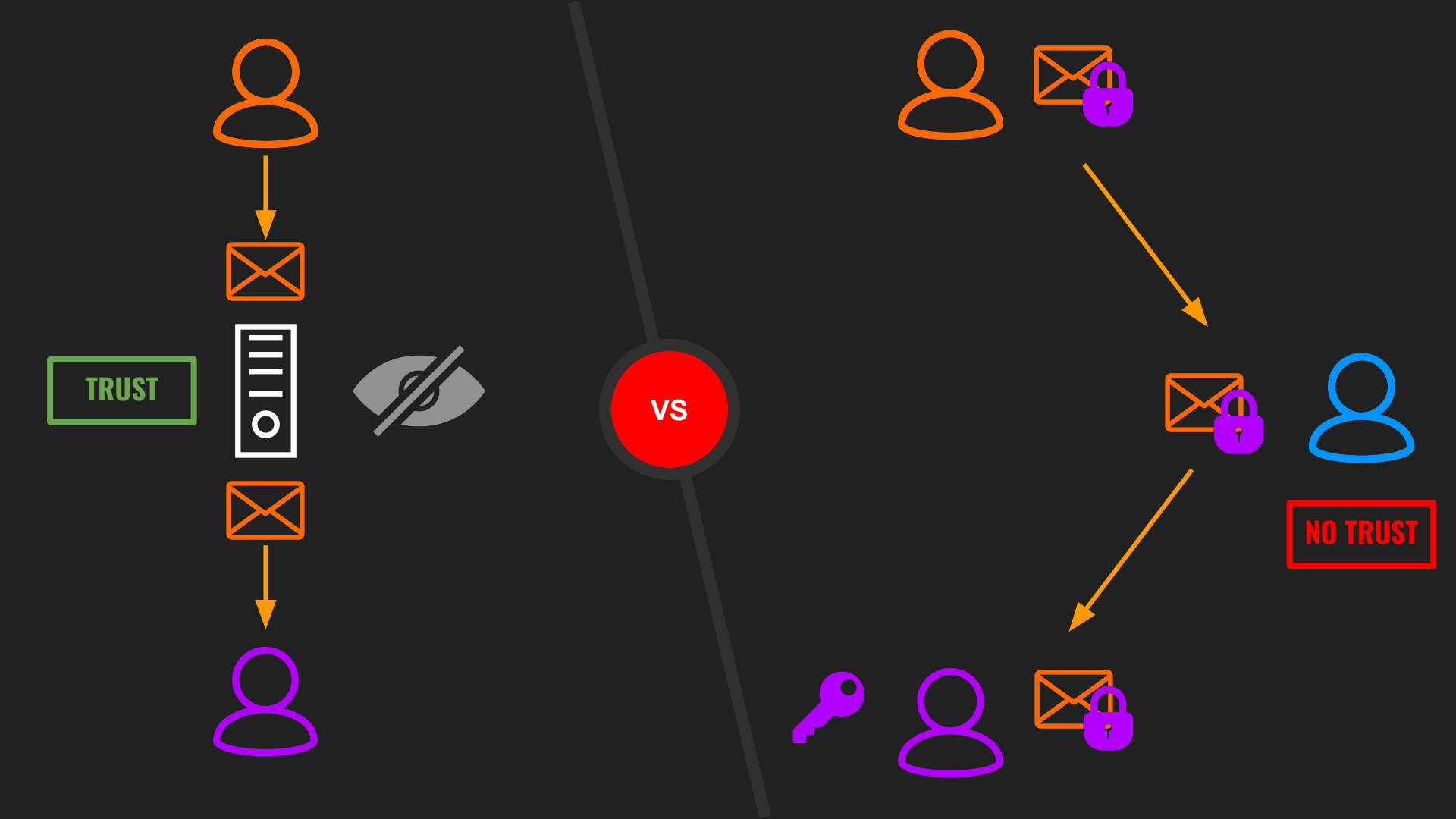
https://www.bloomberg.com/news/articles/2018-04-04/facebook-scans-what-you-send-to-other-people-on-messenger-app



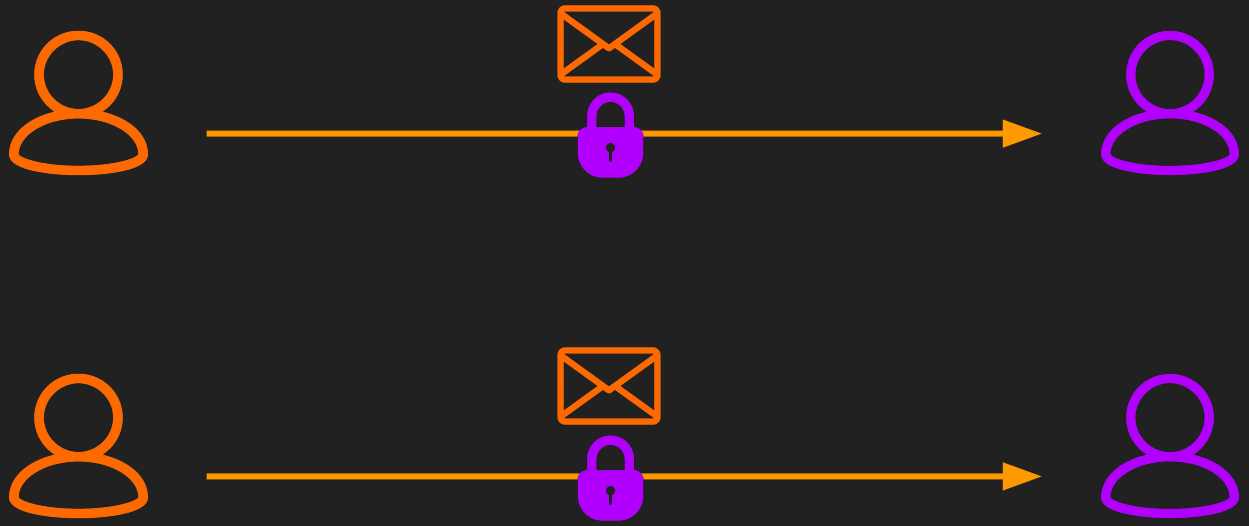
https://commons.wikimedia.org/wiki/File:PRISM_Collection_Details.jpg

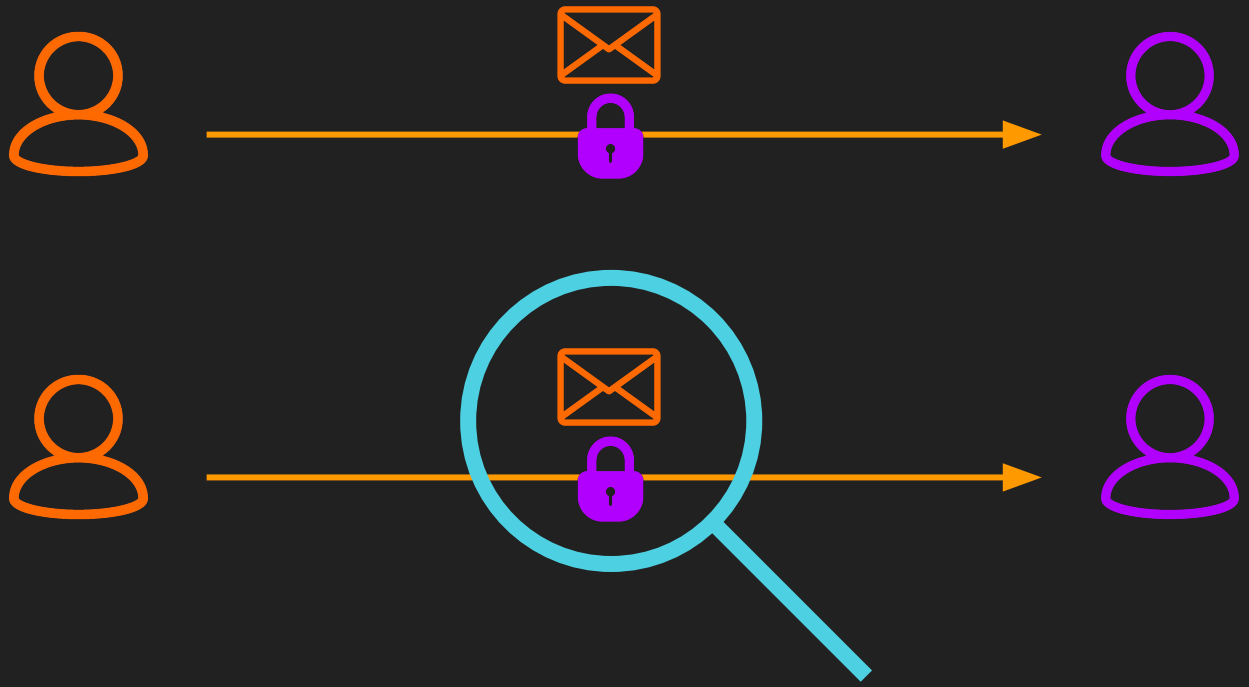


VS

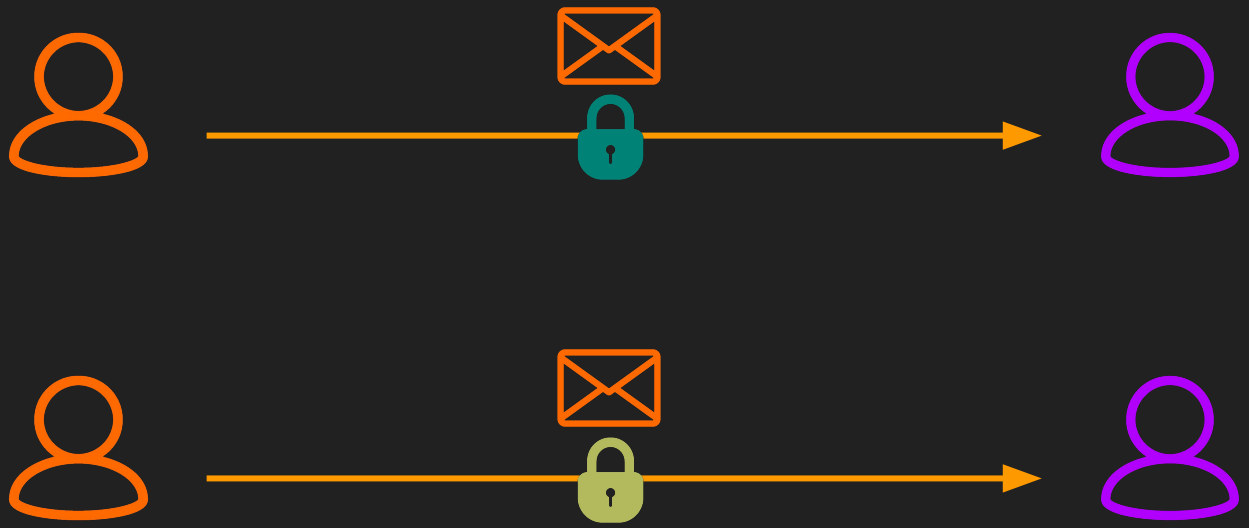

TRUST
VS
NO TRUST

Éviter les oreilles indiscrètes





CLÉS ÉPHÉMÈRES



CLÉS ÉPHÉMÈRES

CLÉS ÉPHÉMÈRES

CLÉS ÉPHÉMÈRES

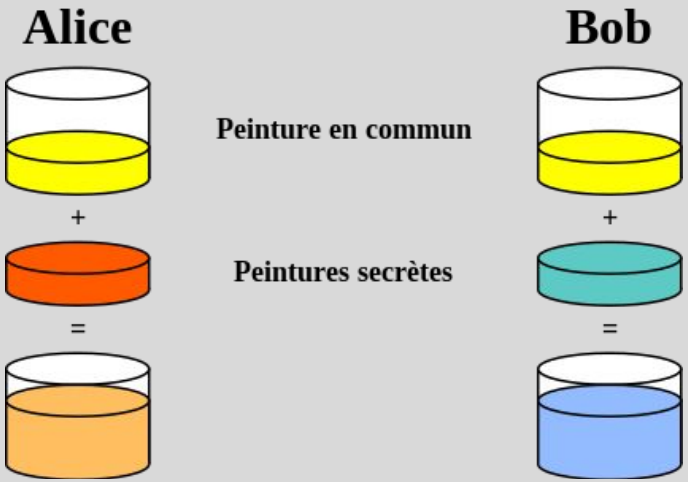
FORWARD SECRECY

https://upload.wikimedia.org/wikipedia/commons/a/a8/Diffie-Hellman_Key_Exchange_%28fr%29.svg

DIFFIE-HELLMAN

https://upload.wikimedia.org/wikipedia/commons/a/a8/Diffie-Hellman_Key_Exchange_%28fr%29.svg

DIFFIE-HELLMAN



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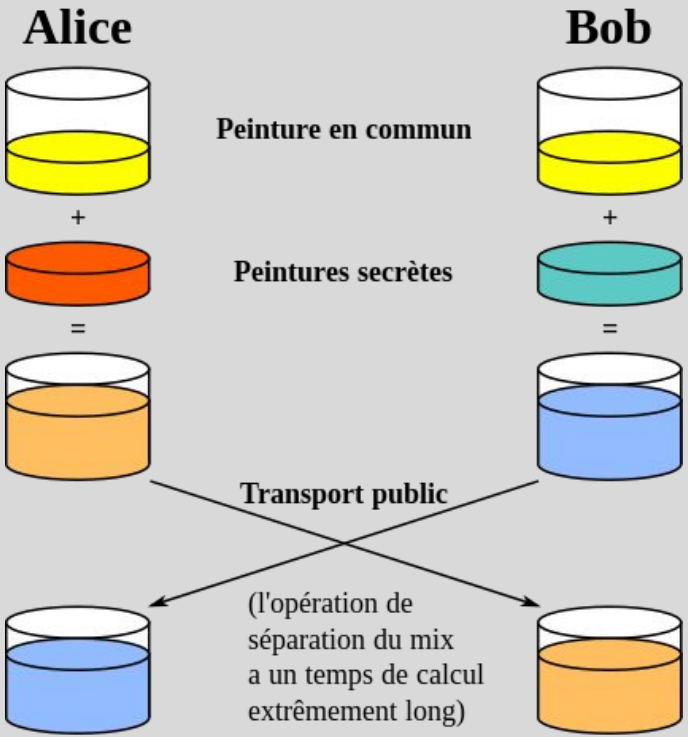
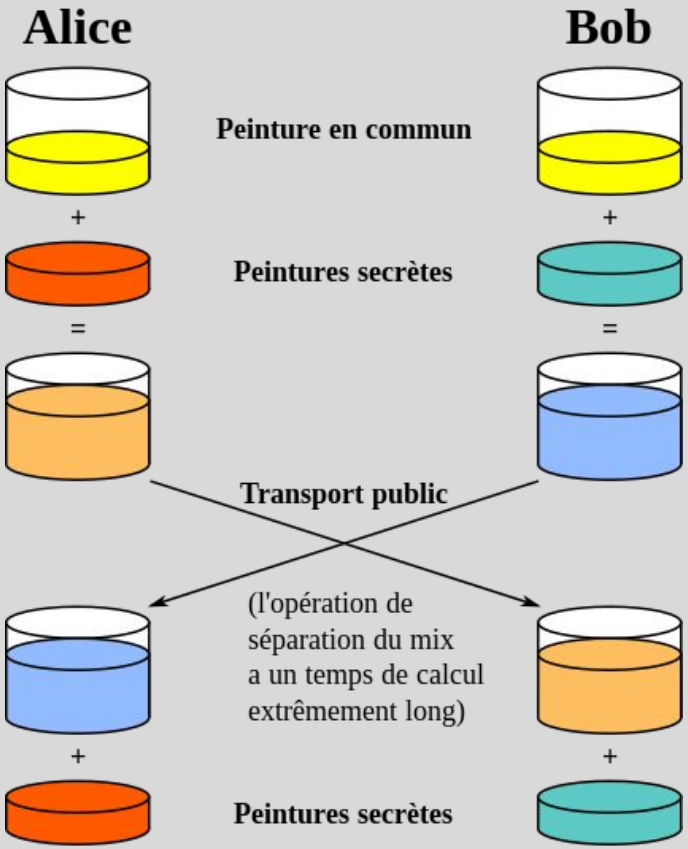
DIFFIE-HELLMAN



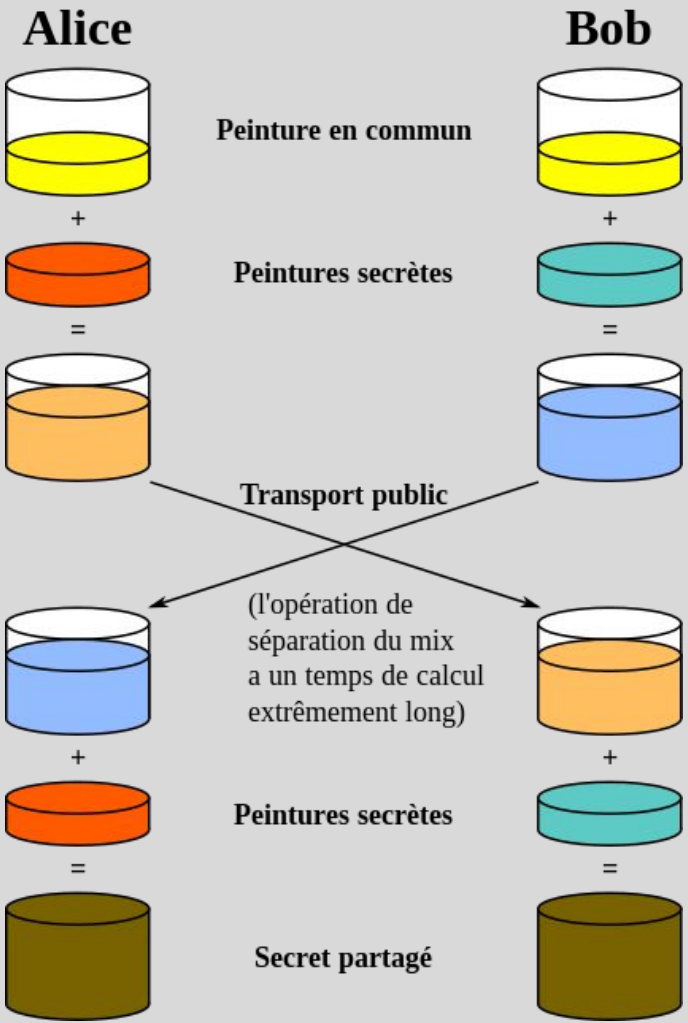
https://upload.wikimedia.org/wikipedia/commons/a/a8/Diffie-Hellman_Key_Exchange_%28fr%29.svg

DIFFIE-HELLMAN



https://upload.wikimedia.org/wikipedia/commons/a/a8/Diffie-Hellman_Key_Exchange_%28fr%29.svg

DIFFIE-HELLMAN



DIFFIE-HELLMAN

https://upload.wikimedia.org/wikipedia/commons/a/a8/Diffie-Hellman_Key_Exchange_%28fr%29.svg

VS

https://www.breizhcamp.org

jess Mails INTERESTS

La connexion est sécurisée

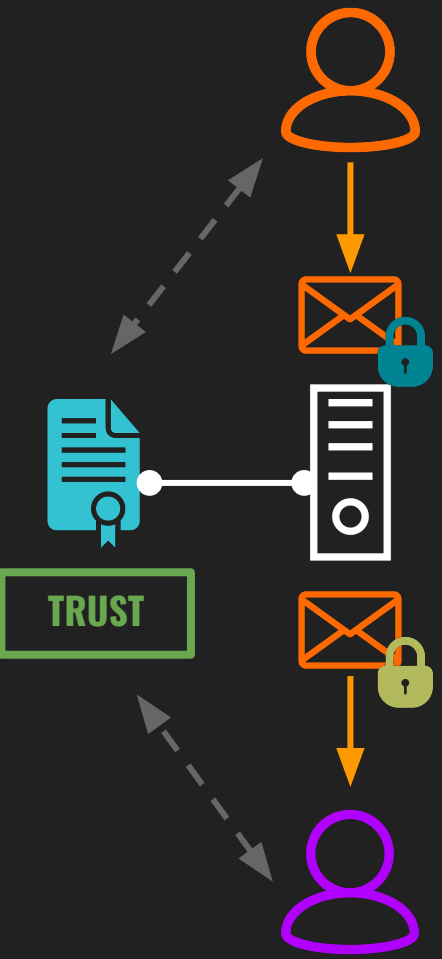
Vos informations, par exemple vos mots de passe ou vos numéros de carte de paiement, sont privées lorsqu'elles sont transmises à ce site. En savoir plus

Certificat (Valide)

Cookies (22 en cours d'utilisation)

Paramètres du site

CE BILLETTERIE PROGRA



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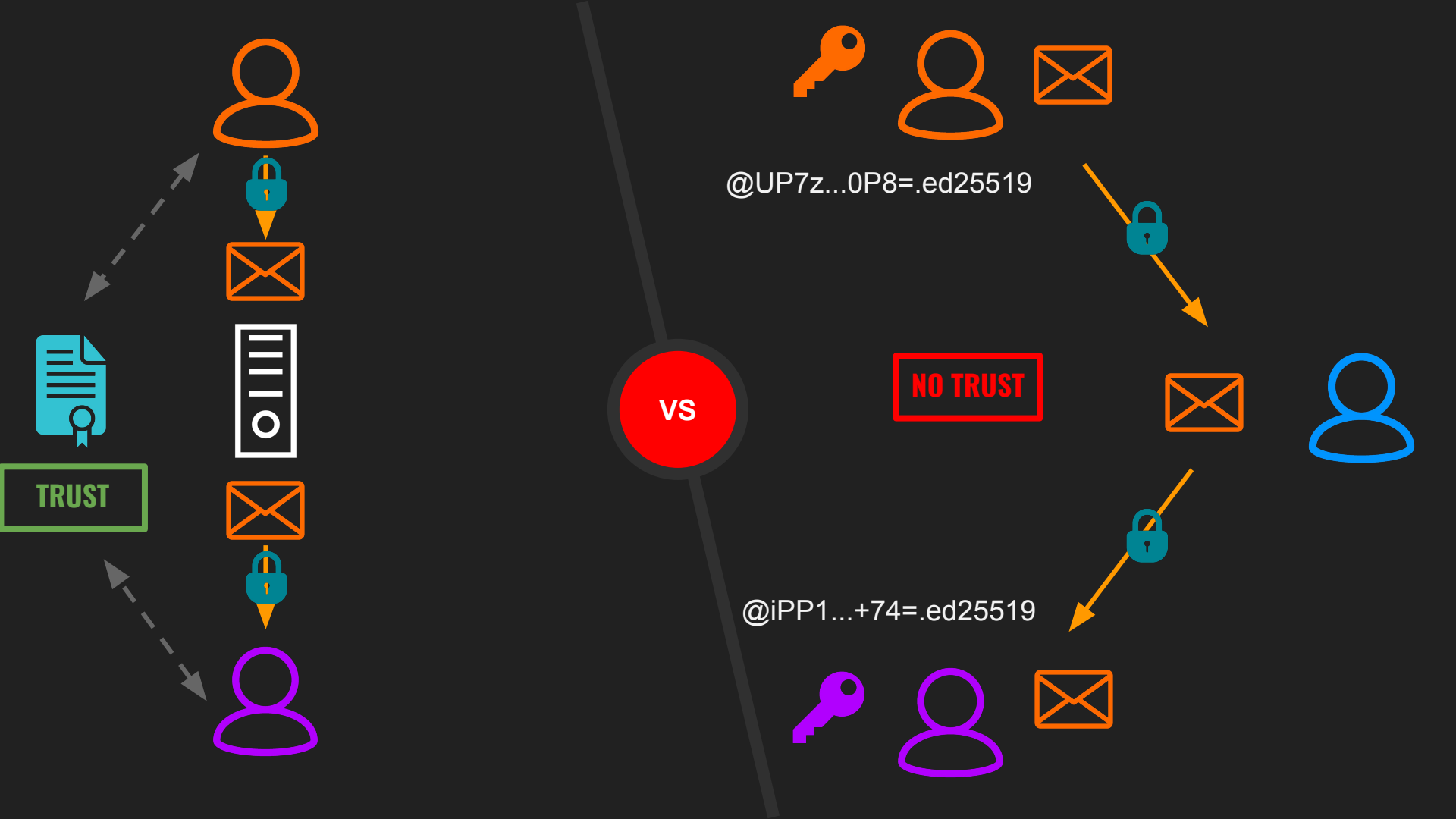
Certificat (Valide)

Cookies (22 en cours d'utilisation)

Paramètres du site

CE BILLETTERIE PROGRA

https://security.googleblog.com/2017/09/chromes-plan-to-distrust-symantec.html
https://blog.mozilla.org/security/2018/07/30/update-on-the-distrust-of-symantec-tls-certificates/


TRUST
VS
NO TRUST
@UP7z...0P8=.ed25519
@iPP1...+74=.ed25519

Autres
fonctionnalités

Suggestion de contenu

Fake news

Le vrai du faux. Non, Emmanuel Macron n'a pas mis la main aux fesses de la présidente croate

https://www.francetvinfo.fr/replay-radio/le-vrai-du-faux/le-vrai-du-faux-non-emmanuel-macron-n-a-pas-mis-la-main-aux-fesses-de-la-presidente-croate_2828953.html

Top 5 Fake Election Stories by Facebook Engagement

(three months before election)

"Pope Francis Shocks World, Endorses Donald Trump for President, Releases Statement" *(960,000, Ending the Fed)*

"WikiLeaks CONFIRMS Hillary Sold Weapons to ISIS... Then Drops Another BOMBSHELL! Breaking News" *(789,000, The Political Insider)*

"IT'S OVER: Hillary's ISIS Email Just Leaked & It's Worse Than Anyone Could Have Imagined" *(754,000, Ending the Fed)*

"Just Read the Law: Hillary Is Disqualified From Holding Any Federal Office" *(701,000, Ending the Fed)*

"FBI Agent Suspected in Hillary Email Leaks Found Dead In Apparent Murder-Suicide" *(567,000, Denver Guardian)*

ENGAGEMENT REFERS TO THE TOTAL NUMBER OF SHARES, REACTIONS, AND COMMENTS FOR A PIECE OF CONTENT ON FACEBOOK SOURCE: FACEBOOK DATA VIA BUZZSUMO

https://www.buzzfeednews.com/article/craigsilverman/viral-fake-election-news-outperformed-real-news-on-facebook#.emA15rzd0

Dear Tech Companies:

I know you knew I was pregnant. It's my fault, I just couldn't resist those Instagram hashtags - #30weekspregnant, #babybump. And, stupid me!, I even clicked once or twice on the maternity-wear ads Facebook served up.

You surely saw my heartfelt thank-you post to all the girl friends who came to my baby shower, and the sister-in-law who flew in from Arizona for said shower tagging me in her photos. You probably saw me googling "holiday dress maternity p Amazon even told you my due date, January 24th, w

But didn't you also see me googling "is this braxton h see the three days of silence, uncommon for a high-f announcement with keywords like "heartbroken" and two-hundred teardrop emoticons from my friends? Is

You see, there are 26,000 stillbirths in the US every y worldwide users; and let me tell you what social med the hospital with the emptiest arms in the world, after pick up your phone for a couple minutes of distractio crushingly, the same as it was when your baby was s Maternity. Latched Mama. Every goddam Etsy tchotc

And when we millions of brokenhearted people helpfully click "I don't want to see this ad," and even answer your "why?" with the cruel-but-true "It's not relevant to me," do you know what your algorithm decides, Tech Companies? It decides you've given birth, assumes a happy result, and deluges you with ads for the best nursing bras [I have cabbage leaves on my breasts because that is the best medical science has to offer to turn your milk off], tricks to get the baby to sleep through the night [I would give anything to hear him cry at all], and the best strollers to grow with your baby [mine will forever be 4 pounds, 1 ounce].

And then, after all that, Experian swoops in with the lowest tracking blow of them all: a spam email encouraging me to "finish registering your baby" (I never "started" but sure) to track his credit throughout the life he will never lead.

Please, Tech Companies, I implore you: If you're smart enough to realize that I'm pregnant, that I've given birth, then surely you're smart enough to realize that my baby died, and can advertise to me accordingly, or maybe just maybe, not at all.

Regards,
Gillian

https://twitter.com/gbrockell/status/1072589687489998848

~~Suggestion de contenu~~

This week in Scuttlebutt

butt_summarizer

Unfollow

3 weeks ago

2 4

The Butt Summaries

This week in Scuttlebutt

A sample of life in the Scuttleverse.

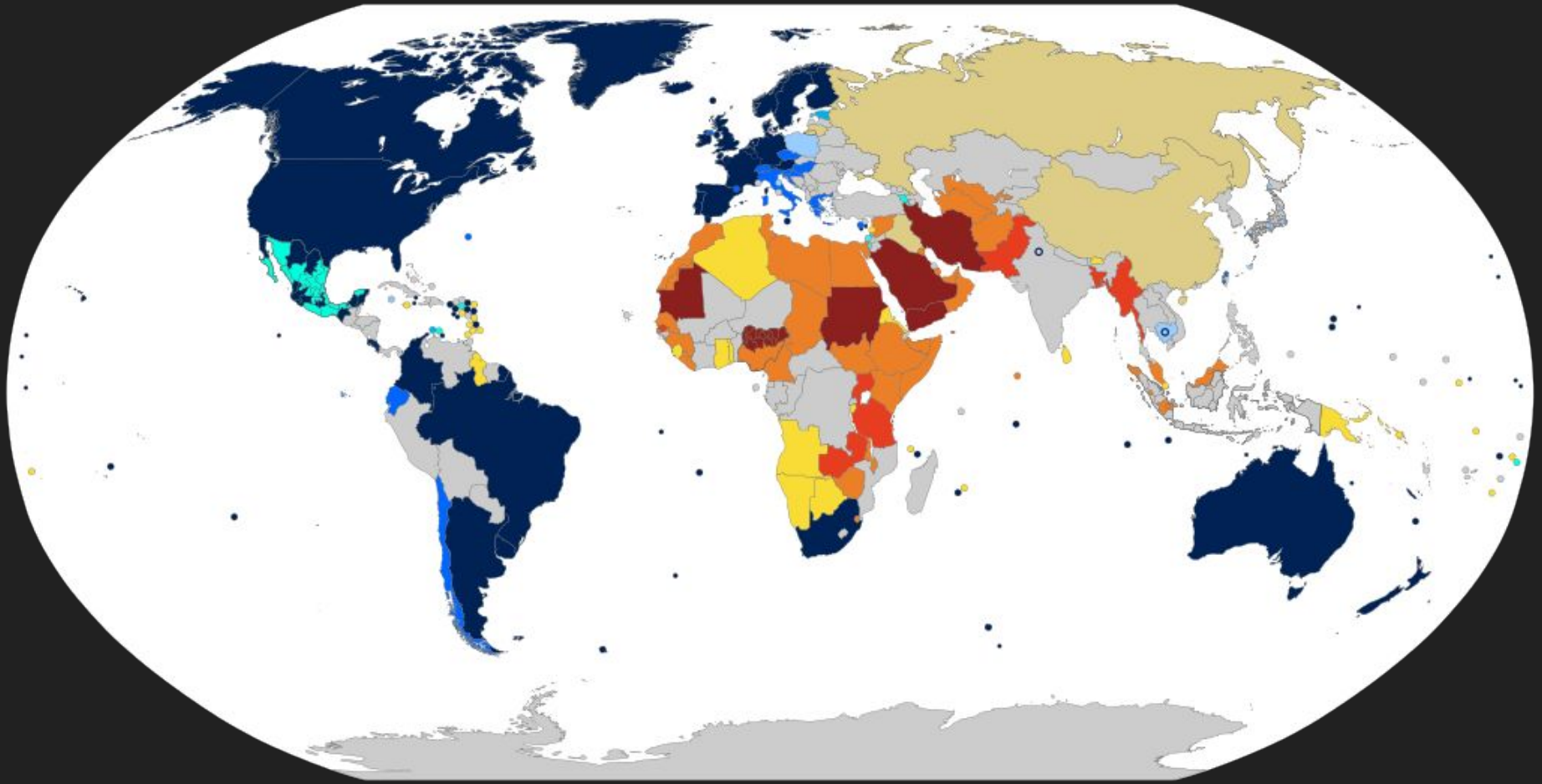
There are currently 28 people helping to fund the future of Scuttlebutt through the SSB consortium!

Totally Random

@MattMcKegg climbed a hill and shared a spontaneous outdoor synth jam.

Comportement inacceptable

https://www.japantimes.co.jp/opinion/2016/09/13/commentary/world-commentary/burkini-bans-unwise/#.W8uQhWgzY2w



https://upload.wikimedia.org/wikipedia/commons/d/d1/World_laws_pertaining_to_homosexual_relationships_and_expression.svg

https://unsplash.com/photos/ybHtKz5He9Y

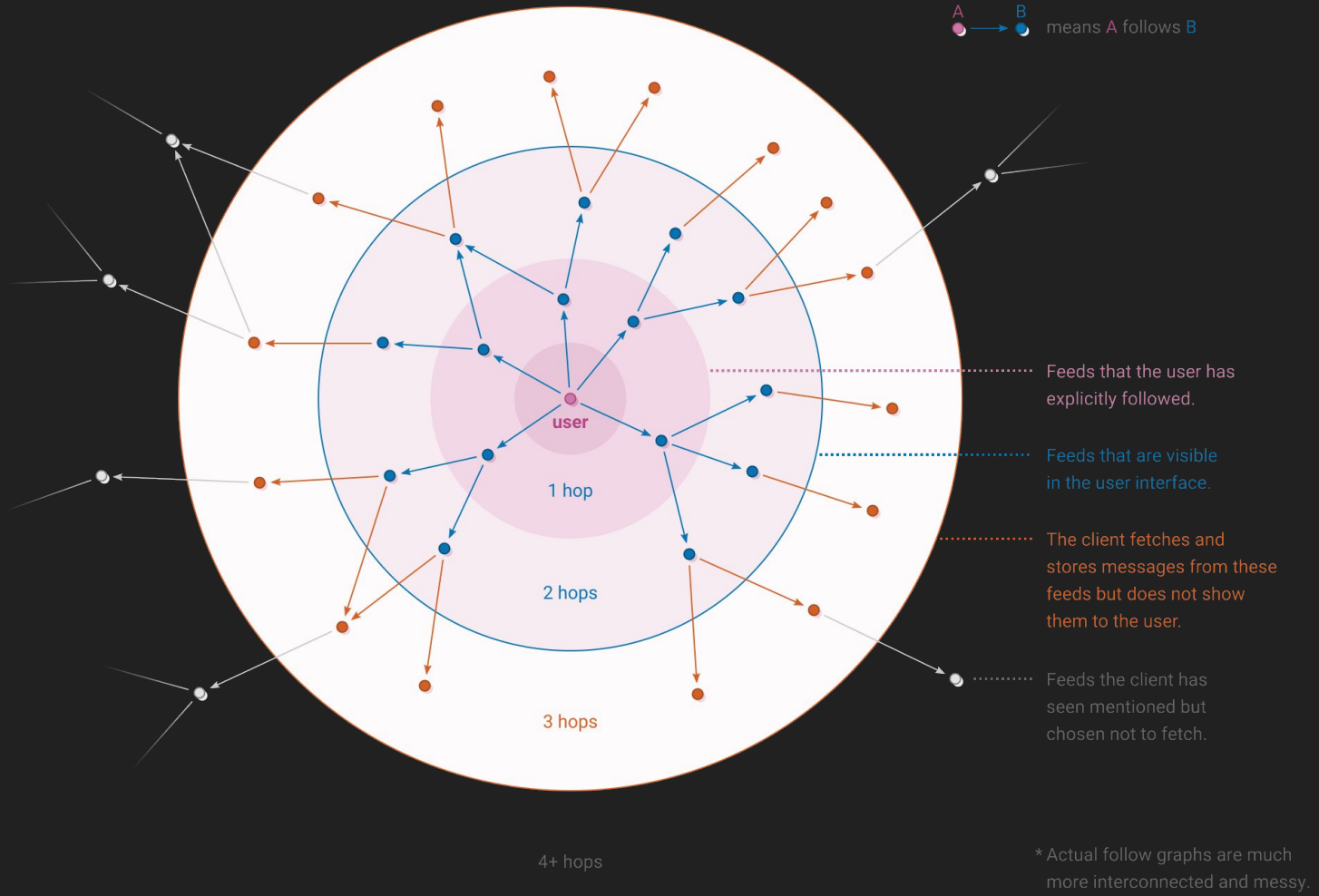
https://www.thedailybeast.com/japans-kiddie-porn-empire-bye-bye

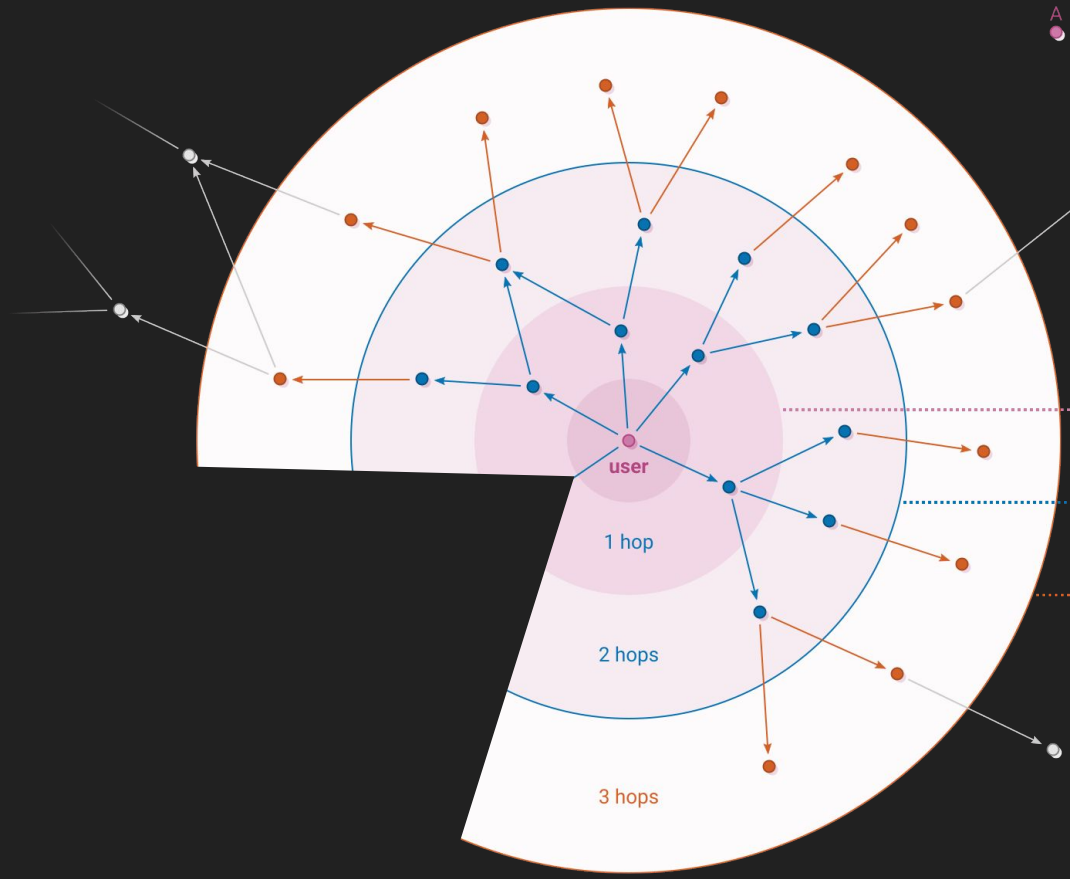
Personne n’a trouvé
la morale universelle

Relativisme culturel : la notion de ‘Bien’ ou ‘Mal’ est propre à la culture

Liberté
d’expression ?

Liberté
d’écouter !


A
B
means A follows B
user
1 hop
2 hops
3 hops
4+ hops
Feeds that the user has explicitly followed.
Feeds that are visible in the user interface.
The client fetches and stores messages from these feeds but does not show them to the user.
Feeds the client has seen mentioned but chosen not to fetch.
* Actual follow graphs are much more interconnected and messy.



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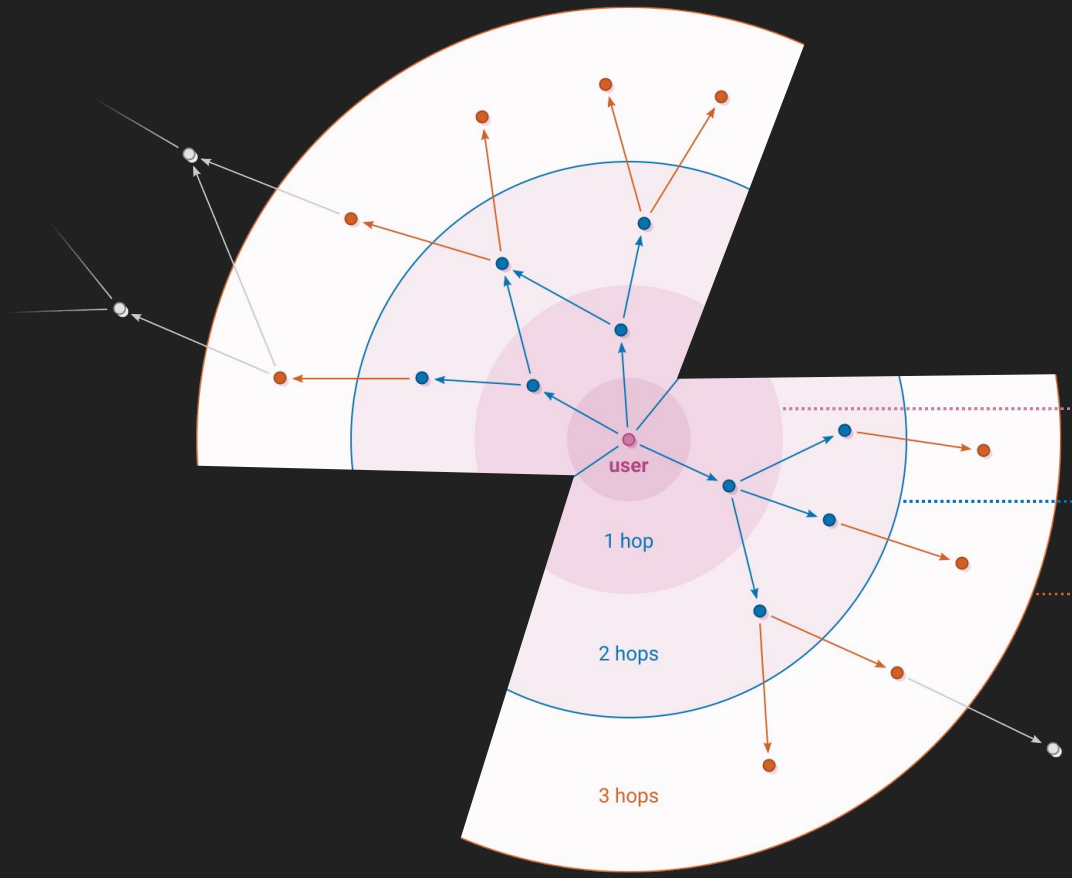

Feeds that the user has explicitly followed.

Feeds that are visible in the user interface.

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Feeds the client has seen mentioned but chosen not to fetch.

* Actual follow graphs are much more interconnected and messy.

Suppression des messages covfefe

Donald J. Trump
@realDonaldTrump

Despite the constant negative press covfefe

2017-05-31, 12:06 AM

31/05/2017

Google trump midnight tweet

Tous Actualités Images Vidéos Shopping Plus Paramètres Outils Éléments enregistrés SafeSearch

Taille Couleur Droits d'usage Type Période Apparence similaire Plus d'outils Effacer

Trump midnight tweet on #covfefe sparks internet fre...
scoopnest.com

Donald Trump sends vague midnight tweet about 'n...
6abc.com

Trump's Nonsense Midnight Tweet Brings Out The B...
scarymommy.com

Social media rushes to define Trump's 'covfefe' twee...
wnypages.com

The Best #covfefe Tweets That Will Make You Laug...
sammichespsychmeds.com

Trump targets 'negative press covfefe' in garbled mid...
washingtonpost.com

Covfefe Internet Shows No Mercy To Trump's Odd T...
1011thebeat.iheart.com

Spicer just said Trump knows what 'covfefe' means ...
thestar.com

Bizarre Trump Midnight Tweet Sparks Twitter Trolling...
zerohedge.com

Donald Trump's highly abnormal presidency: a runni...
news.vice.com

Trump just tweeted nonsense and Twitter is going totally banan...
ar.pinterest.com

Trump's baffling midnight tweet sends internet looki...
haaretz.com

Ahram Online - Social media rushes to define Trum...
english.ahram.org.eg

News
thenewyoungturk.com

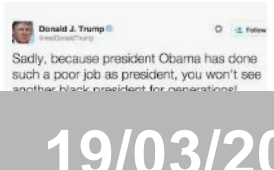
Trump goes after 'negative press covfefe' in botched midni...
yahoo.com

Stor mystik om Trumps nyeste vrøvle-besked: ...Cov...
ekstrabladet.dk

Donald Trumps Bizarre Midnight Tweet – Club Receipts
clubrecepata.info

Covfefe?" Unhinged Trump Tweets Midnight Gibberish (...
rdtdaily.com

Donald Trumps Bizarre Midnight Tweet – Club Receipts
clubrecepata.info



19/03/2019

Whitepaper RIA

Le futur des interfaces web

[Introduction | Objectif | Contenu | Téléchargement]

Introduction

Après une période de règne sans partage, les applications web de première génération montrent aujourd'hui leurs contraintes et leurs limites. Sous la pression des utilisateurs, demandant à retrouver les fonctionnalités et la flexibilité de leurs « anciens » clients lourds, l'heure du Web 2.0 est venue en entraînant avec lui l'apparition d'interfaces de nouvelle génération dites RIA (Rich Internet Application).

Deux familles d'interfaces RIA s'affrontent aujourd'hui : d'un côté HTML et son cortège de technologies permettant la "dynamisation" de son contenu au sein du navigateur web, de l'autre côté les technologies permettant la génération à la volée de flux destinés à alimenter des applications riches de type Flash ou XAML.

Le large choix des solutions proposées et le manque d'émergence [illegible] l'une d'entre elles, rendent aujourd'hui difficile le choix d'une plate forme RIA.

- Présentation
- Qui sommes-nous ?
- Conseil & Réalisation
- Formation
- Nos clients
- Notre Blog
- Contact
- A propos de Zenika
- Whitepaper RIA

WayBackMachine

31/01/2008

http://web.archive.org/web/20080131093335/http://www.zenika.com:80/whitepaper_ria.php#telechargement

Une donnée partagée
est incontrôlable

https://fr.wikipedia.org/wiki/Parlement_europ%C3%A9en#/media/File:European_Parliament_Strasbourg_Hemicycle_-_Diliff.jpg

RGPD
Copyright Law

La plateforme doit...

Mot de passe oublié

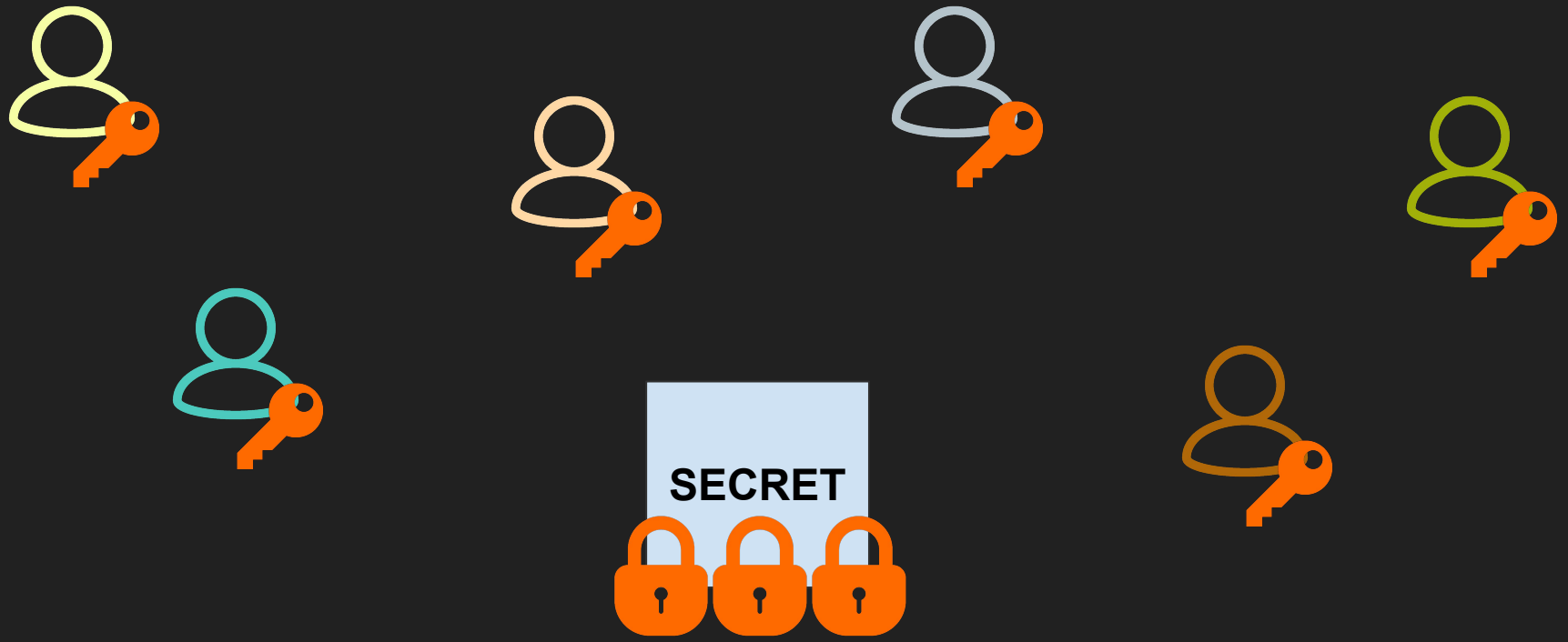
https://www.independent.co.uk/life-style/gadgets-and-tech/news/bitcoin-value-james-howells-newport-landfill-hard-drive-campbell-simpson-laszlo-hanyecz-a8091371.html

Dominic

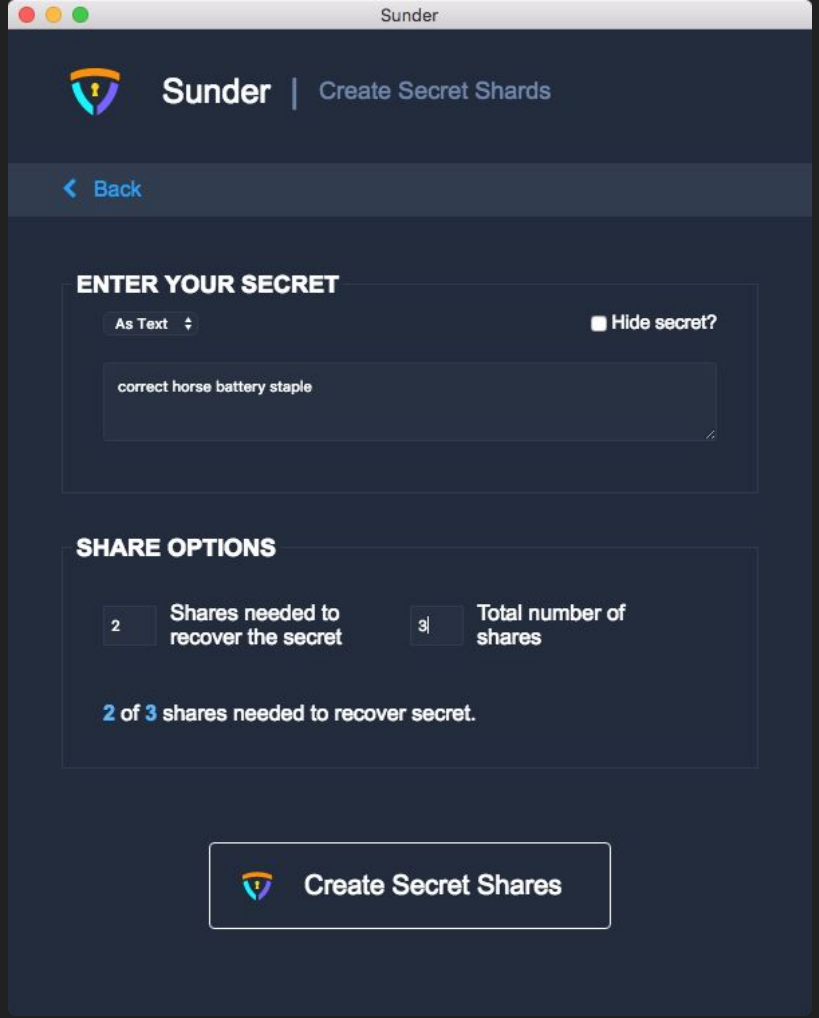
2 années ago en réponse à As to drop whatever I can to help answ...

@bobhaugen thanks! this is the new me. my computer died unexpectedly and I lost my keys a while back because of that.

♥ Like ↩ Répondre Tags



Shamir's Secret Sharing



https://github.com/freedomofpress/sunder

Dark Crystal

Back up your secrets using the trust in your social network

https://darkcrystal.pw/

Mode hors ligne

Edouard Marquis ن

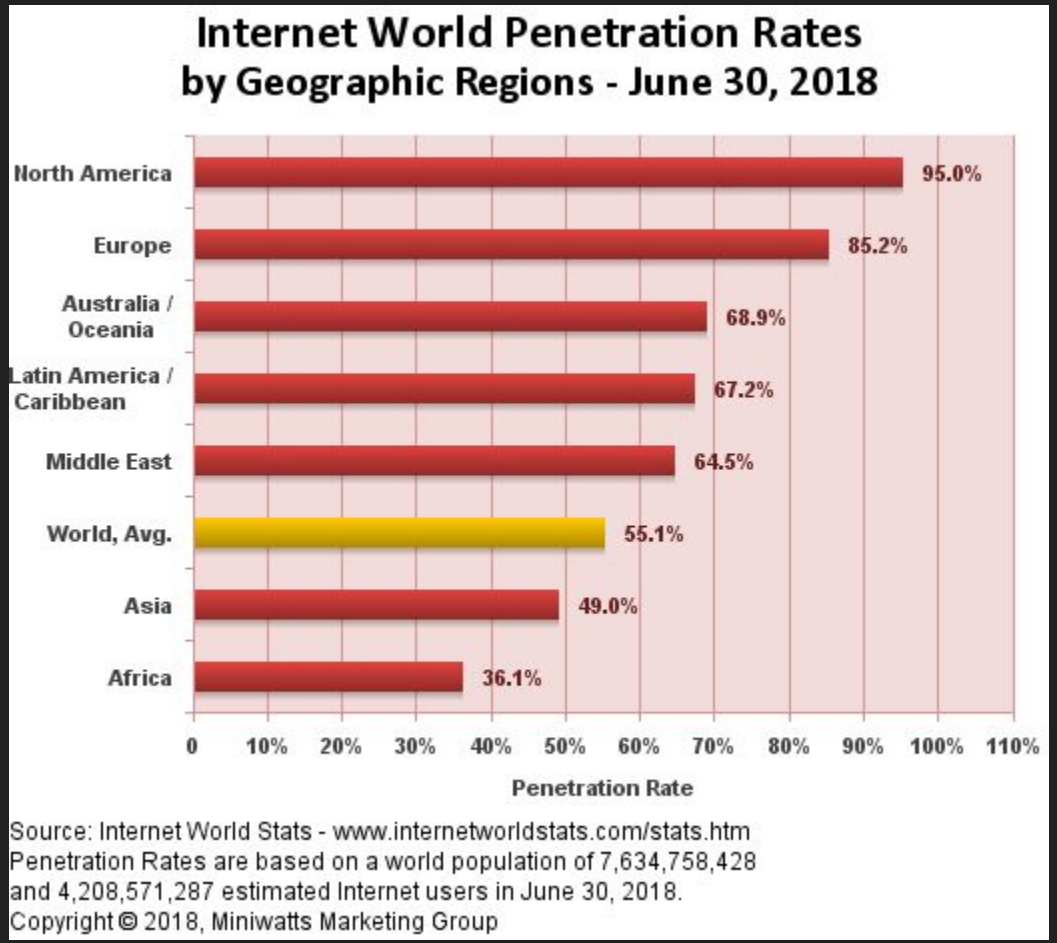
@edonline

Ce matin, impossible d'ouvrir mes volets, mon alarme, ma porte, retour au manuel, toute ma maison est down... Tahoma de @Somfyfr est donc chez @OVH #OVHGATE

11:51 - 9 nov. 2017

509 458 personnes parlent à ce sujet

https://twitter.com/edonline/status/928560622488473600



https://www.internetworldstats.com/stats.htm

https://staltz.com/an-off-grid-social-network.html

%hFnMpqI1w3iKdQ0XxYD/s1FU7t8D+fDxgyPkWssSmKk=.sha256

Tonga: Le royaume coupé du monde à cause d'une gigantesque panne d'Internet

TONGA Cette panne causée par la rupture d'un câble sous-marin est « une catastrophe absolue » pour les habitants…

20 Minutes avec AFP | Publié le 23/01/19 à 06h41 — Mis à jour le 23/01/19 à 14h14

https://www.20minutes.fr/monde/2433783-20190123-tonga-royaume-coupe-monde-cause-gigantesque-panne-internet

NetBlocks.org ✓
@netblocks

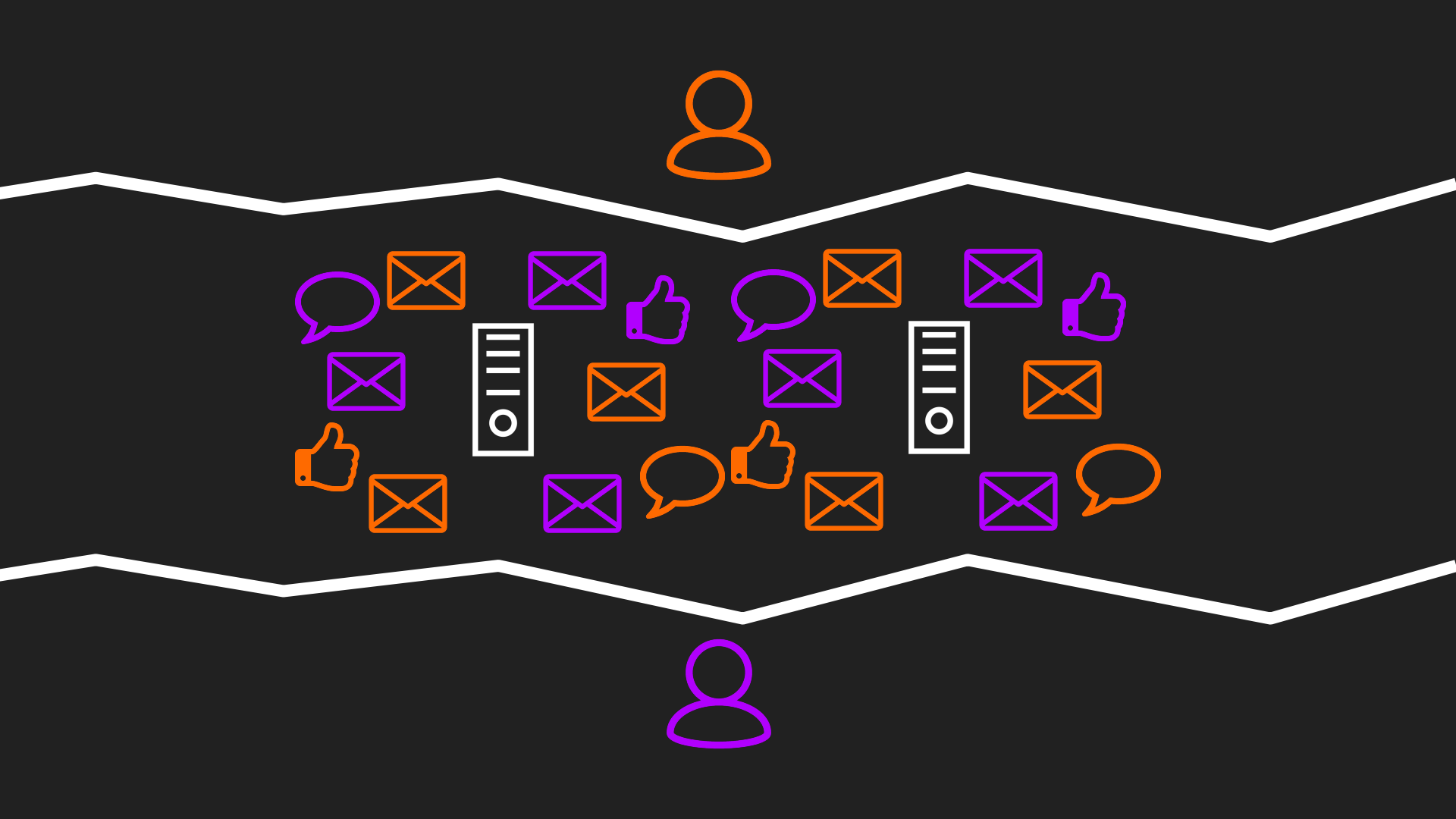
Suivre

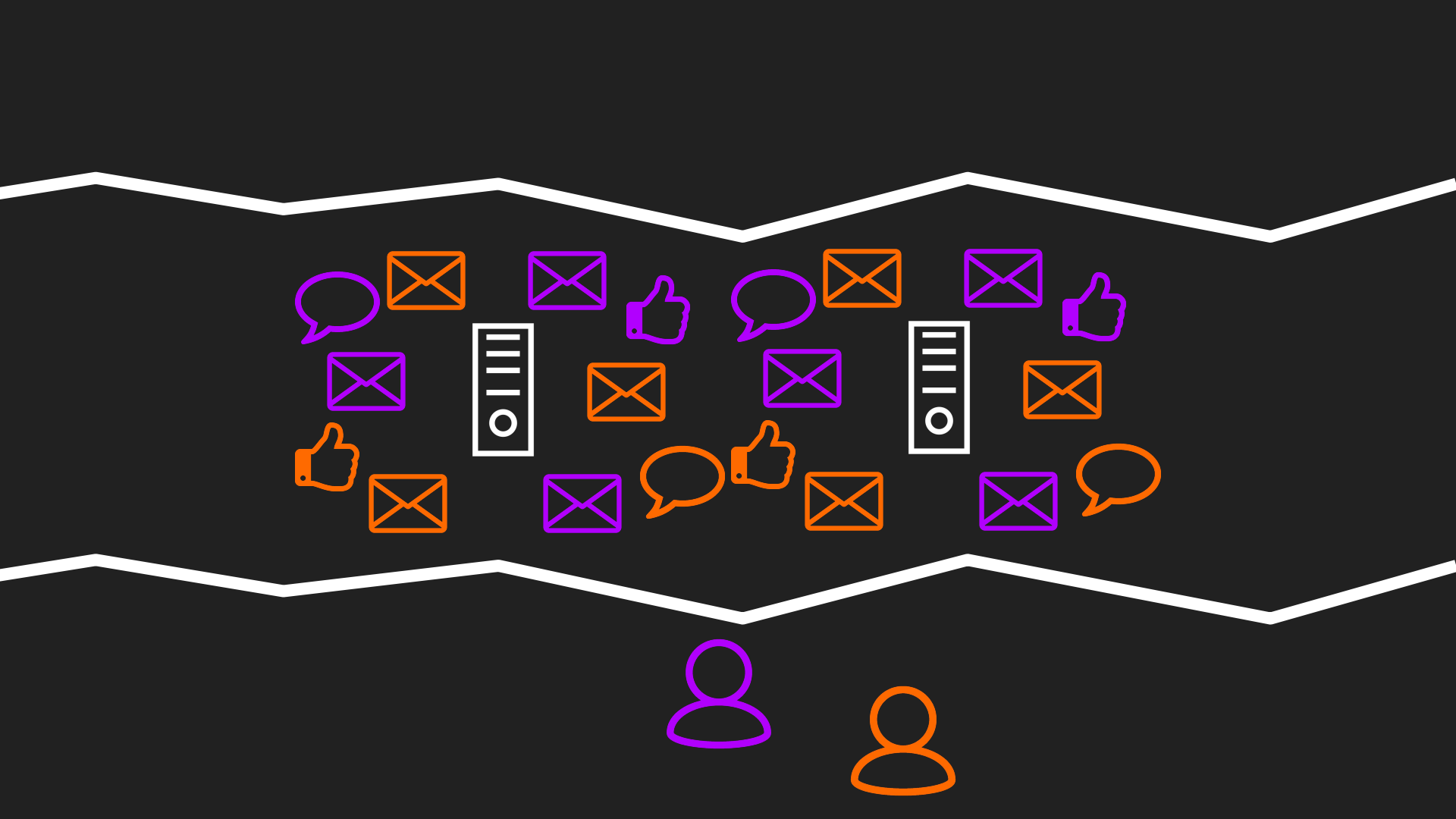
Confirmed: Major Internet disruptions in #Venezuela amid protests; YouTube, Google search and social media knocked largely offline #KeepItOn netblocks.org/reports/major- …

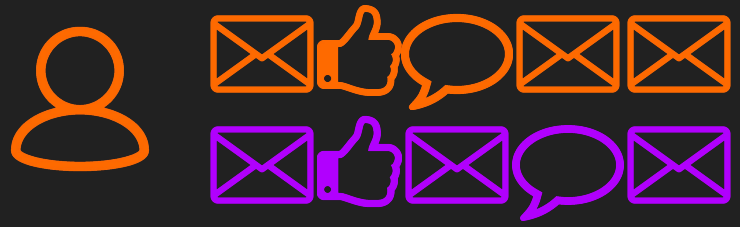
Traduire le Tweet

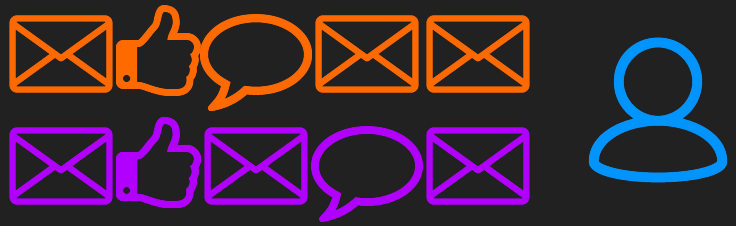
08:54 - 23 janv. 2019

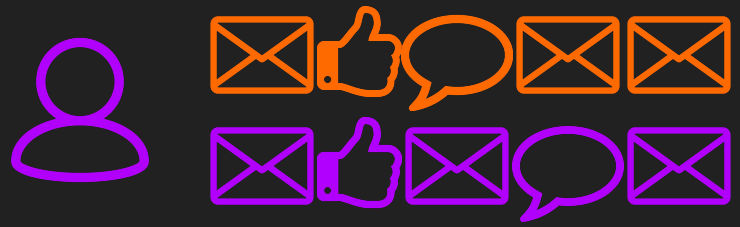
https://twitter.com/netblocks/status/1088117680027168769?s=20

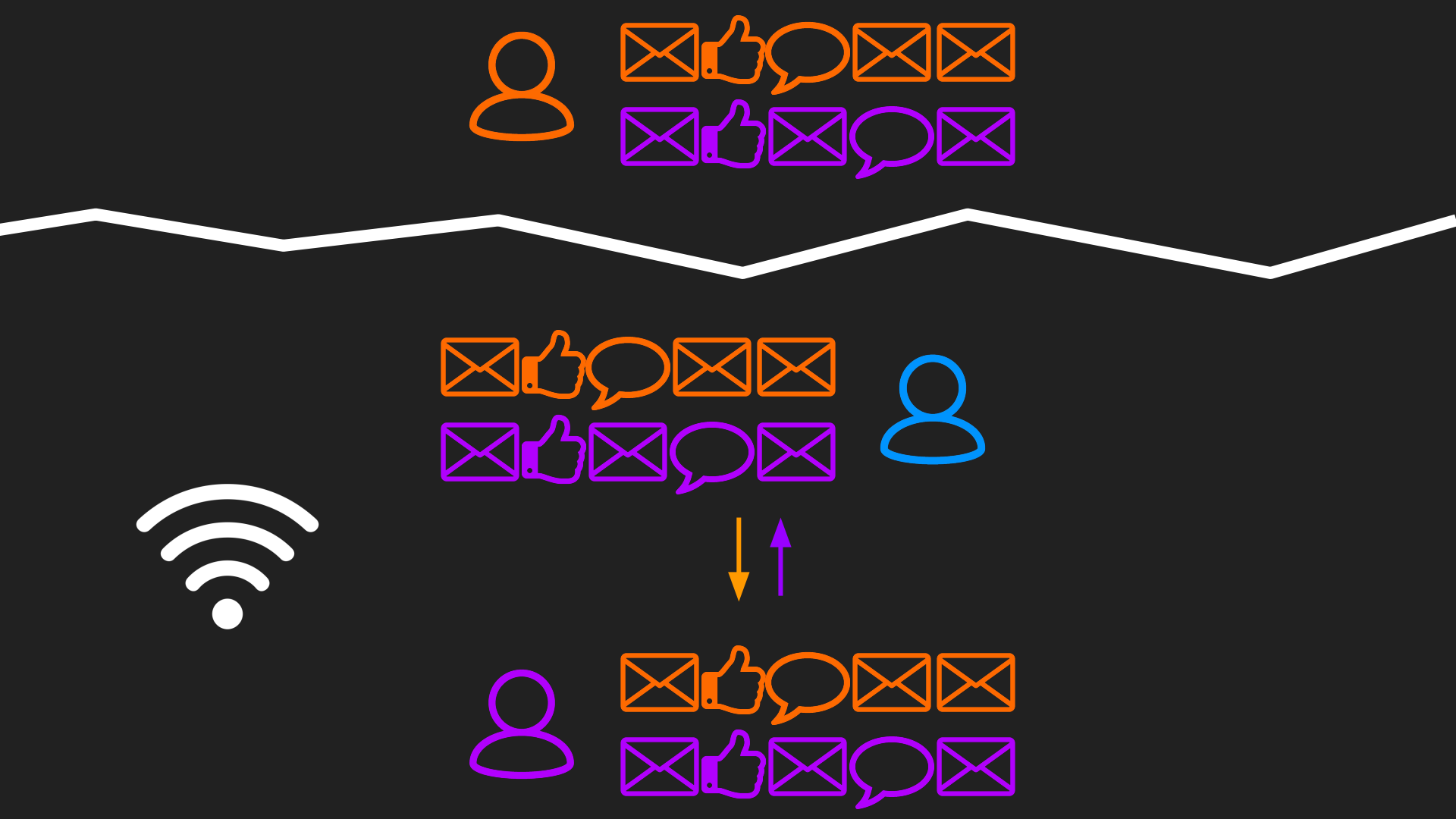


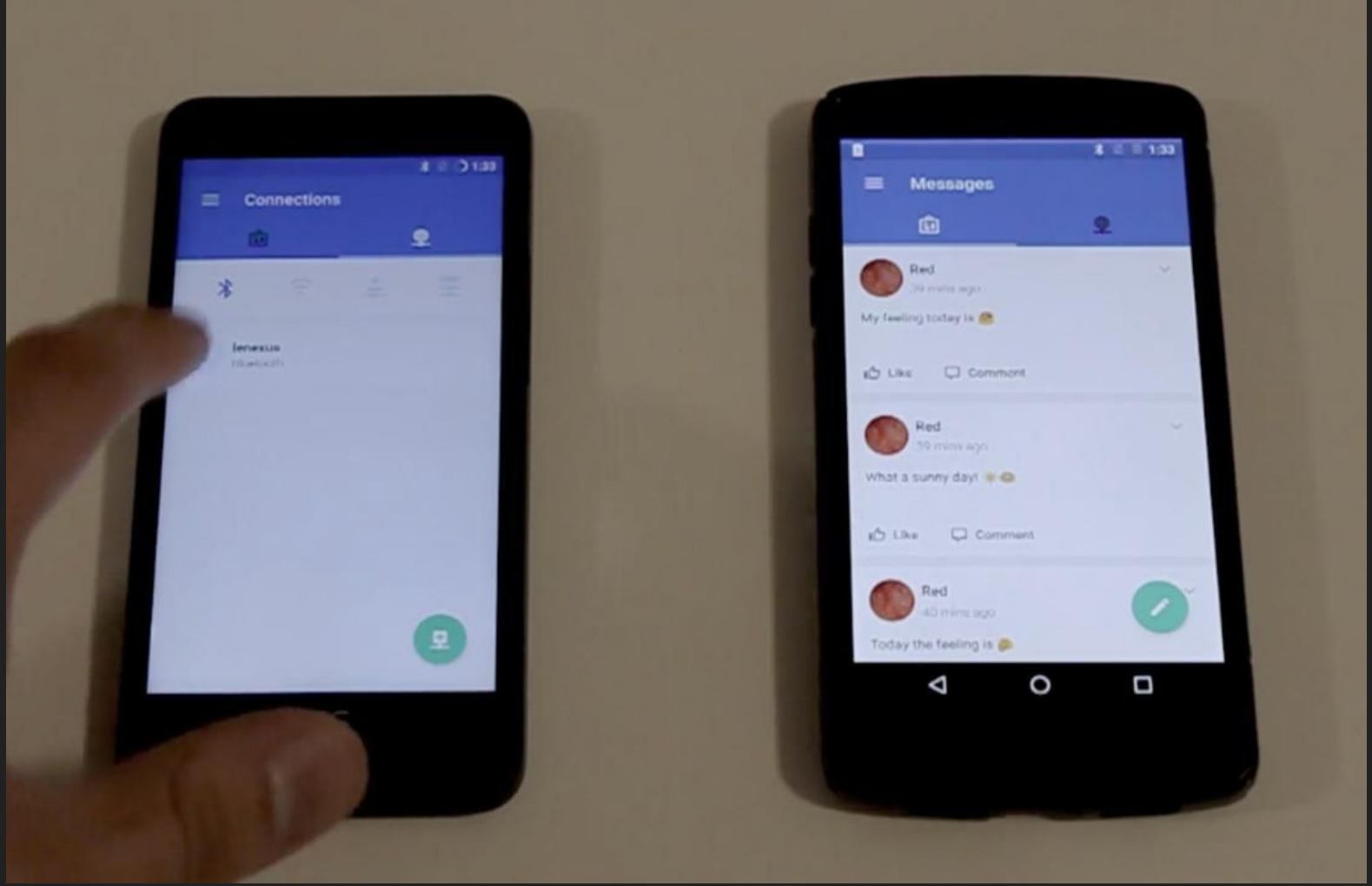




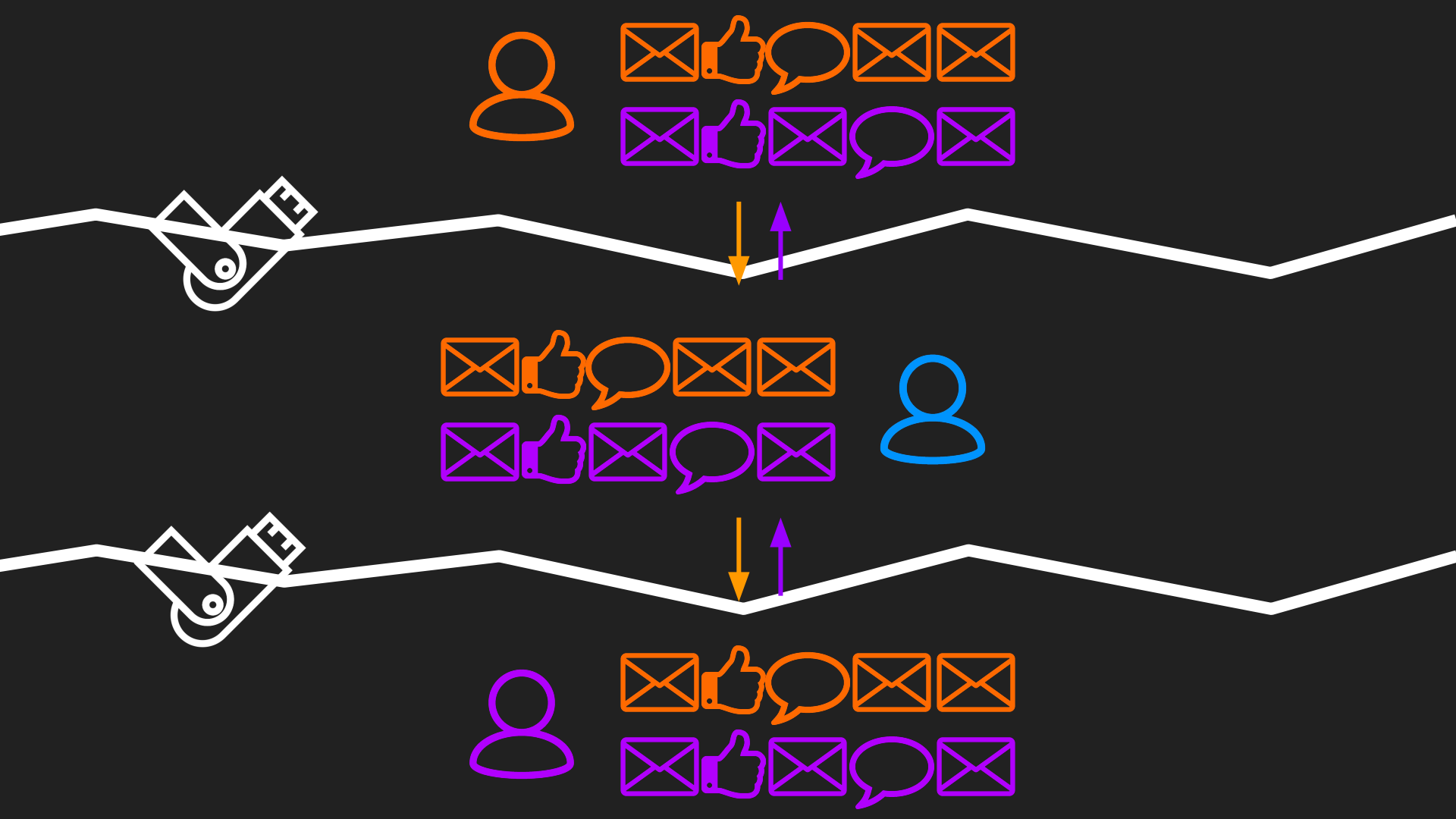


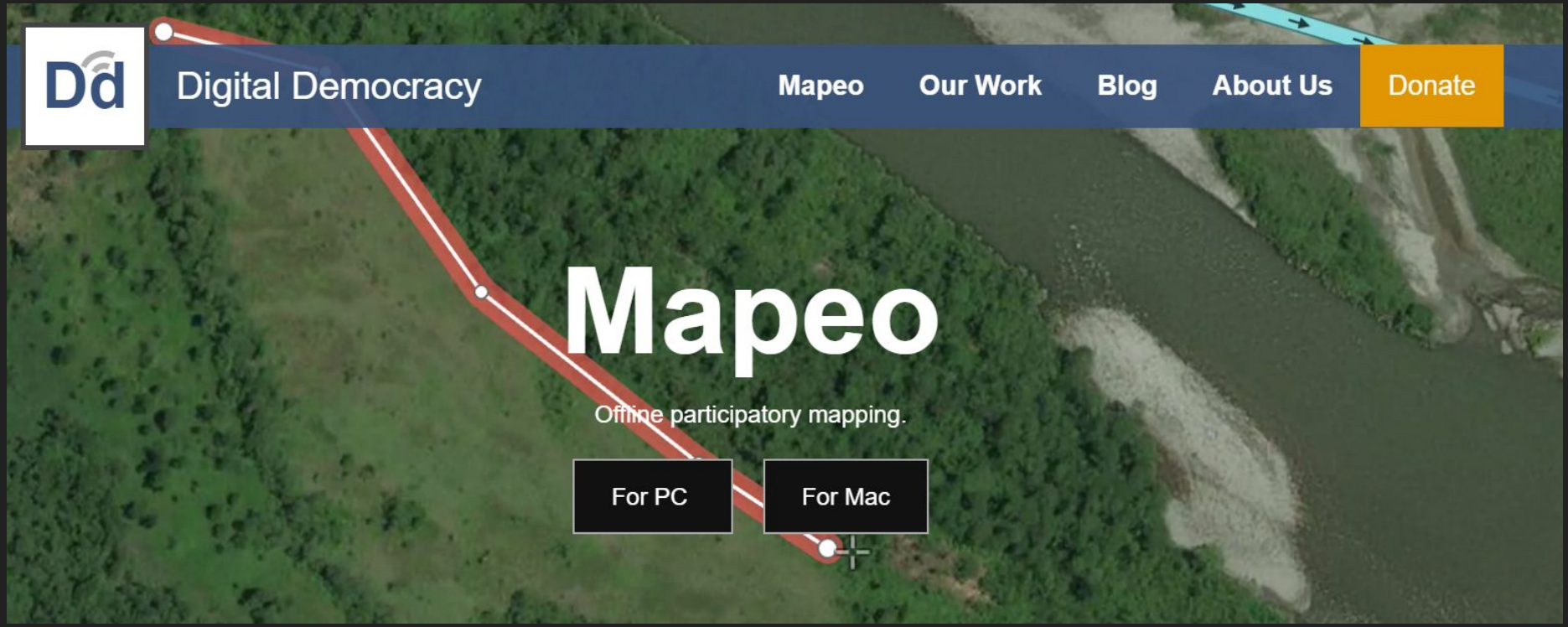






https://www.manyver.se/blog/bluetooth-sync





https://www.digital-democracy.org/mapeo/

https://www.digital-democracy.org/ourwork/guyana/

Une application

~~Une application~~

Des applications

- Patchwork
- Patchbay
- Patchfoo
- Patchless
- mvd
- Manyverse
- Patchfox

Patchwork

Patchbay

Patchfoo

Patchless

mvd

Manyverse

Patchfox

git-ssb

ssb-npm

scat / gester

Ticktack

ssb-chess

patch-book

recipes

SSB drive

Ferment

+ Rejoindre un Pub

Salons actifs

#myco
#data-lake
#mmt
#ssb-learning
#buttcouncil
#sailing
#solar
#food
Plus de salons...

Pubs connectés

hub.devcontrol.org
pub.solarpunk.netw

Qui suivre

Frédéric Guilbault
8 heures ago

The web is uder attack with anti-encryption and anti net-neutrality legislations. This will affect my capabilities to use the web the way I wish. But it's not at the same level then platforms,

I share that is quite fustrating to have such good alternatives but just not the money/exposure to inform people about it. The mass adoption spiral is nearly impossible to start. But agan, it's not like I had something to sell to those people. So why would I but energy. Maybe living with this fustration is a fatality.

♥ Like ↩ Répondre Tags

Dominic et **Luandro** a répondu à ce message

Luandro
2 semaines ago

#solar
♥ 9 j'aimes

Forked from %/uQUVb+...

Road to solar ☀️

Part II - Really going off-grid

It's been two weeks since I've been using my solar setup. Sadly I haven't been able to go fully off-grid yet, and am still relying on my hotwire power supply for things like power machines and the computers. At night my cheap 400W hasn't

Aljoscha

1 week ago

Merkle Trees for SSB Feeds

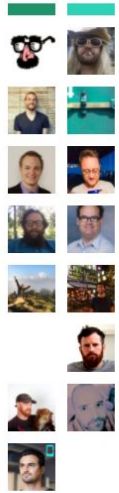
Or: Enabling partially subscribable feeds, but with a lot of words before I get to that point.

Like offchain content, this is another idea that has been floating through the scuttleverse at various points in time. A compact summary that is only useful if you already know what this is about: By changing the metadata of ssb messages, we could create merkle trees rather than linked lists. This allows verifying the `k`-th message of a feed by traversing only `log(k)` many messages, rather than the full `k` messages of the linked list in the current model.

This is an issue that

- touches the very core of the protocol
- seems to be both rather abstract and hammering on pointless detail at first
- but turns out to have far-reaching consequences

This post will at times be very technical and somewhat computer-sciency, but I'll try to explain enough that anybody interested can follow the gist of it. It's also a pretty long read, but I hope a few of you can still take the time to read it. Some of it my look complicated at first, but once you gain some intuition, it all becomes manageable. It's definitely not too complicated for real-world use - dat uses a data structure like this



48 16

2

Tim Makarios (on Manyverse): m6 creates a backlink to m5, or in your scenario, a bogus backlink. A "careful verifier" can just traverse all backlink...

Tim Makarios (on Manyverse): I'm not convinced that this is unsalvageable. I hope to reply more fully, but probably won't do so for another couple o...

Tim Makarios (on Manyverse): It took me a bit longer than I expected to have enough energy for this. But here I am now. For all k such that 2^k <= ...

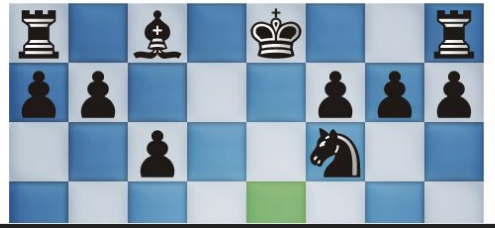
/posts x /inbox /notifications /chess x /chess

GAMES MY MOVE INVITATIONS OBSERVE RECENT ACTIVITY SETTINGS

keks 12 mins ago happy0

dan hassan 19 mins ago kieran

keks 1 hour ago glyph



/posts /inbox /notifications /chess /gatherings /calendar x /calendar

2018 - +

Ja Fe Ma Ap Ma Ju Ju Au Se Oc No De

Full Stack Fest 2018

In Barcelona, this conference will have some decentralization themes, such as Tara Vancil speaking about Beaker Browser in the frontend track and André Staltz speaking about Scuttlebutt in the backend track.

3 Sept

backlinks:

CREATE

Oryx and Crake

MaddAddam

Margaret Atwood

The novel focuses on a post-apocalyptic character with the name of Snowman, living near a group of primitive human-like creatures whom he calls Crakers. Flashbacks reveal that Snowman was once a boy named Jimmy who grew up in a world dominated by mul...

3 weeks ago

Station Eleven

Emily St. John Mandel

An audacious, darkly glittering novel set in the eerie days of civilization's collapse, Station Eleven tells the spellbinding story of a Hollywood star, his would-be savior, and a nomadic group of actors roaming the scattered outposts of the Great La...

3 weeks ago

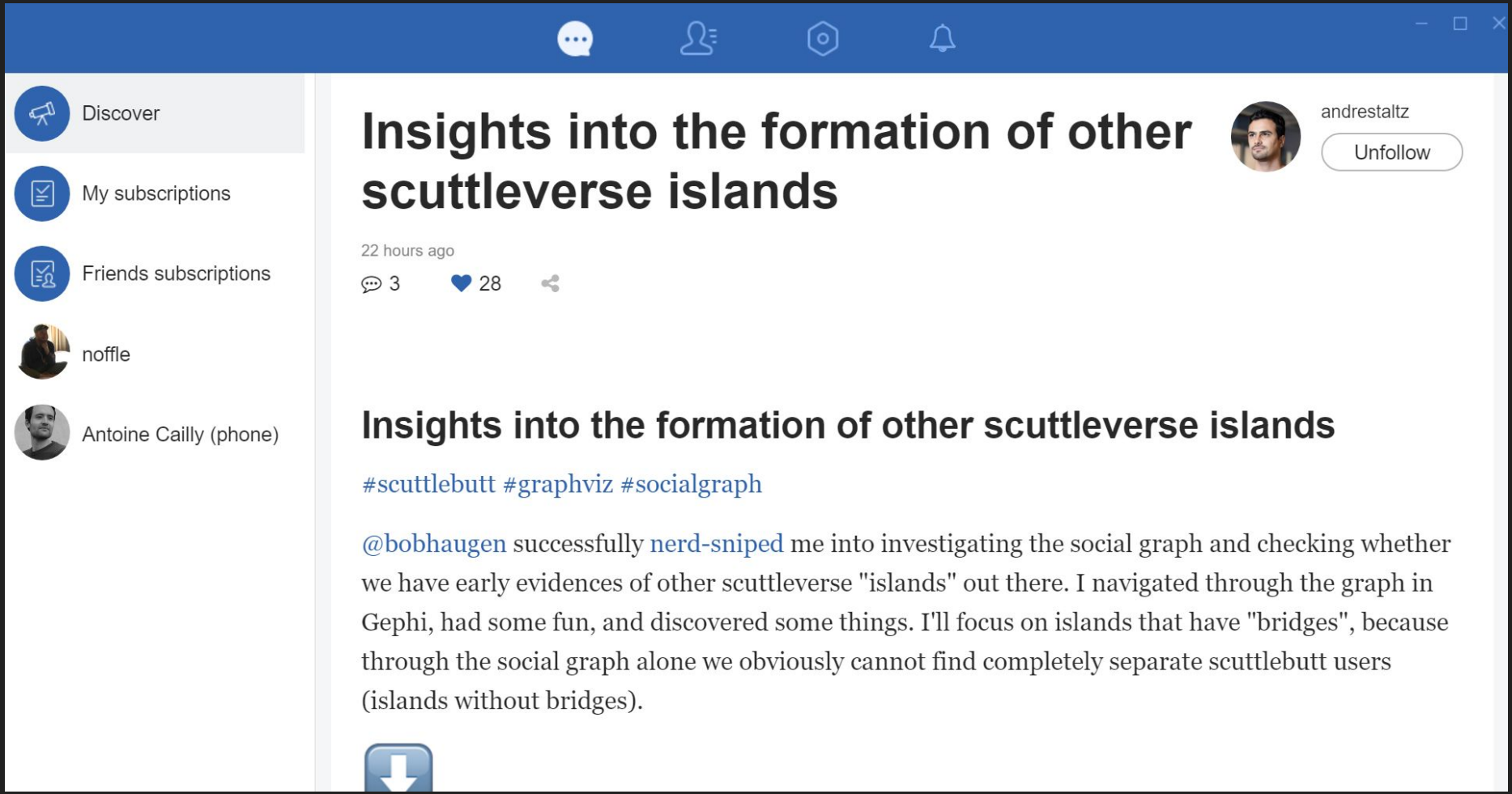
Sweet Tooth

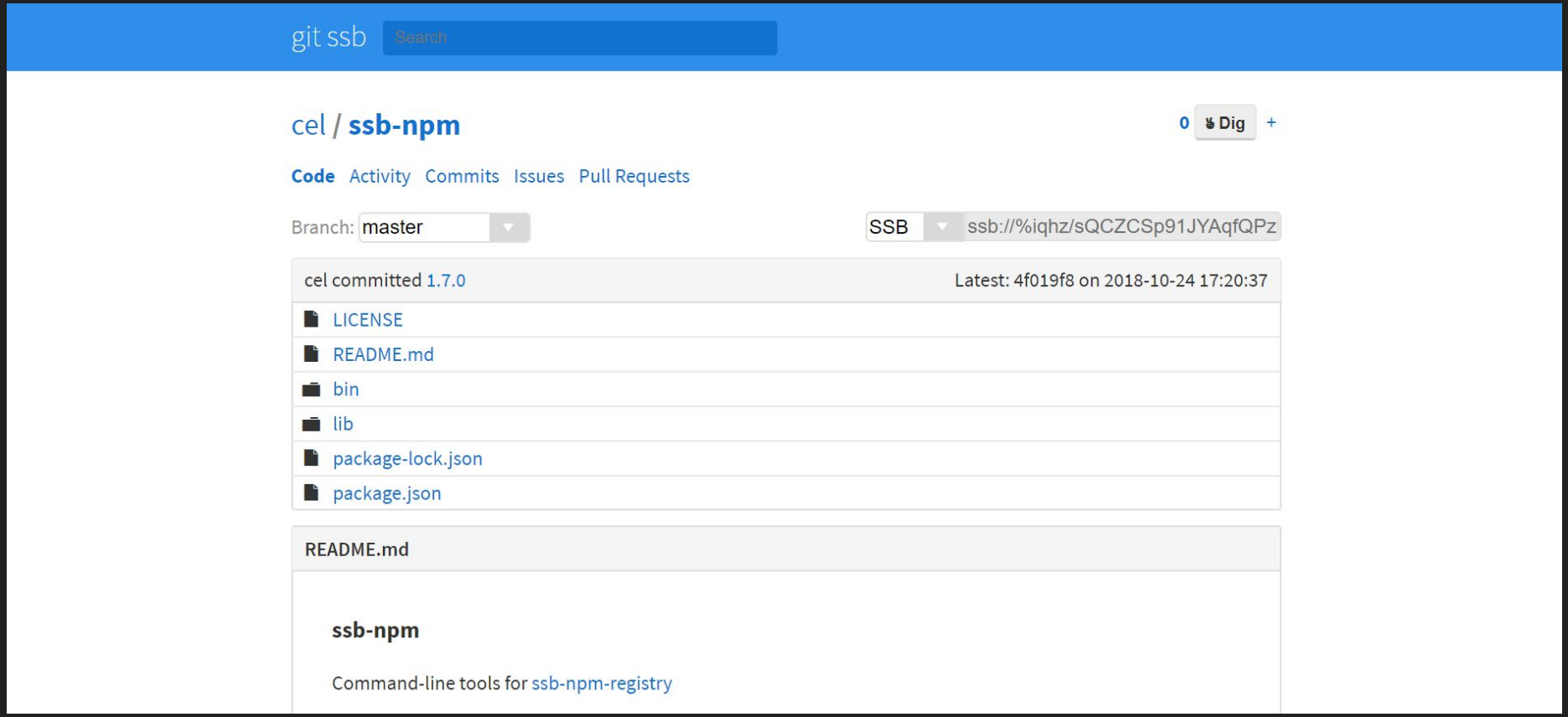
Ian McEwan

Sweet Tooth is an MI5 plot in the 1970s to fund British writers who might write fiction and nonfiction

Authors:

Alasdair Gray
Andrew "bunnie" Huang
Andy Weir
Angela Nagle
Annalee Newitz
Becky Chambers
Brandon Sanderson
Byung-Chul Han
China Miéville
Chris McQueer
Cory Doctorow
David Graeber
Dennis E. Taylor
Donald Knuth
Emily St. John Mandel
Federico Campagna
Frederic Laloux
Gary Shove, Patrick Potter
Greg Egan
Ian McEwan
Ichiro Kishimi and Fumitake Koga
James C. Scott
Jeff VanderMeer
Jess Berentson-


Discover
My subscriptions
Friends subscriptions
noffle
Antoine Cailly (phone)
Insights into the formation of other scuttleverse islands
andrestaltz
Unfollow
22 hours ago
3
28
Insights into the formation of other scuttleverse islands
#scuttlebutt #graphviz #socialgraph
@bobhaugen successfully nerd-sniped me into investigating the social graph and checking whether we have early evidences of other scuttleverse "islands" out there. I navigated through the graph in Gephi, had some fun, and discovered some things. I'll focus on islands that have "bridges", because through the social graph alone we obviously cannot find completely separate scuttlebutt users (islands without bridges).


git ssb
Search
cel / ssb-npm
0
Dig
+
Code
Activity
Commits
Issues
Pull Requests
Branch: master
SSB
ssb://%iqhz/sQCZCSp91JYAqfQPz
cel committed 1.7.0
Latest: 4f019f8 on 2018-10-24 17:20:37
LICENSE
README.md
bin
lib
package-lock.json
package.json
README.md
ssb-npm
Command-line tools for ssb-npm-registry

< > Discovery Following

FERMENT

Edit Profile + Add Audio

Lunar
Nontoxic
3 weeks ago

3:40

♥ 3 Repost Save

Lunar
Method of Man
3 weeks ago

6:15

♥ 2 Repost Save

mixmix
03: Datassette - MusicForProgramming
3 weeks ago

77:07

♥ 10 Repost Edit Save

DESTROY WITH SCIENCE
I Am Not A Robot
4 weeks ago

Who to follow

d-dubz
9 posts // 5 followers

Nergal
1 posts // 3 followers

finn
1 posts // 2 followers

myf
1 posts // 2 followers

kevinatari
1 posts // 2 followers

Midweek Special
1 posts // 2 followers

null_radix - testing
1 posts // 0 followers

substack
0 posts // 5 followers

ungoldman
0 posts // 4 followers

2xAA
0 posts // 4 followers

0:00

new private

Search for user

#public

punkmonk
17:09 woot

squicc
01:28 hi @punkmonk how is the weather up there?

01:29 i am in charlotte, nc and it was a miserable day

nuanima
08:45 Trying out gester. Thanks for it, this is a cute app :3

anneshakes
18:28 Hello from Waterloo Canada :)

Maleficient
07:30 Trying out Scat! Somehow using Patchy's sbot... will this show up in Manyverse? 😉

likku
10:22 the first snow of the winter has just fallen here in Finland, :hooray:

dev-jules
11:05 @Maleficient nop

11:06 @ "somehow using sbot" yeah, it "somehow" finds a running sbot :) You can either start sbot alone, or start patch(bay|work) then scat

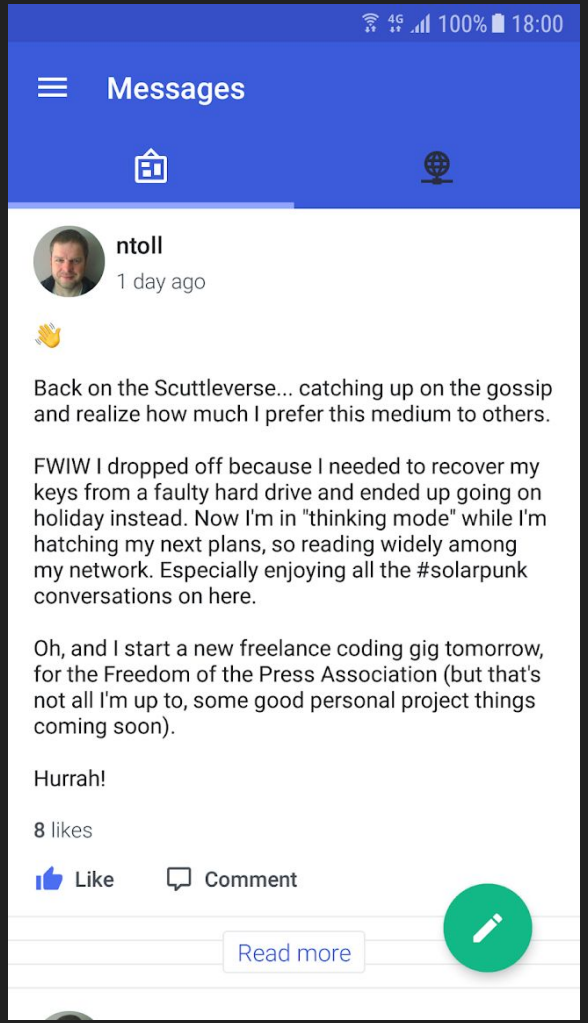
11:07 just saying it's cool, but not magical :)

Maleficient
12:34 eats a pizza

13:08 Works via Patchbay!

punkmonk
15:07 @squicc, finally starting to feel like fall which is nice! get to throw on a hoody. it's my fave time of year. you have any issues with the storms rolling through in

Send public message


100% 18:00
Messages
ntoll
1 day ago
👋
Back on the Scuttleverse... catching up on the gossip and realize how much I prefer this medium to others.
FWIW I dropped off because I needed to recover my keys from a faulty hard drive and ended up going on holiday instead. Now I'm in "thinking mode" while I'm hatching my next plans, so reading widely among my network. Especially enjoying all the #solarpunk conversations on here.
Oh, and I start a new freelance coding gig tomorrow, for the Freedom of the Press Association (but that's not all I'm up to, some good personal project things coming soon).
Hurrah!
8 likes
Like
Comment
Read more

Bilan ?

Coût financier

Coût financier

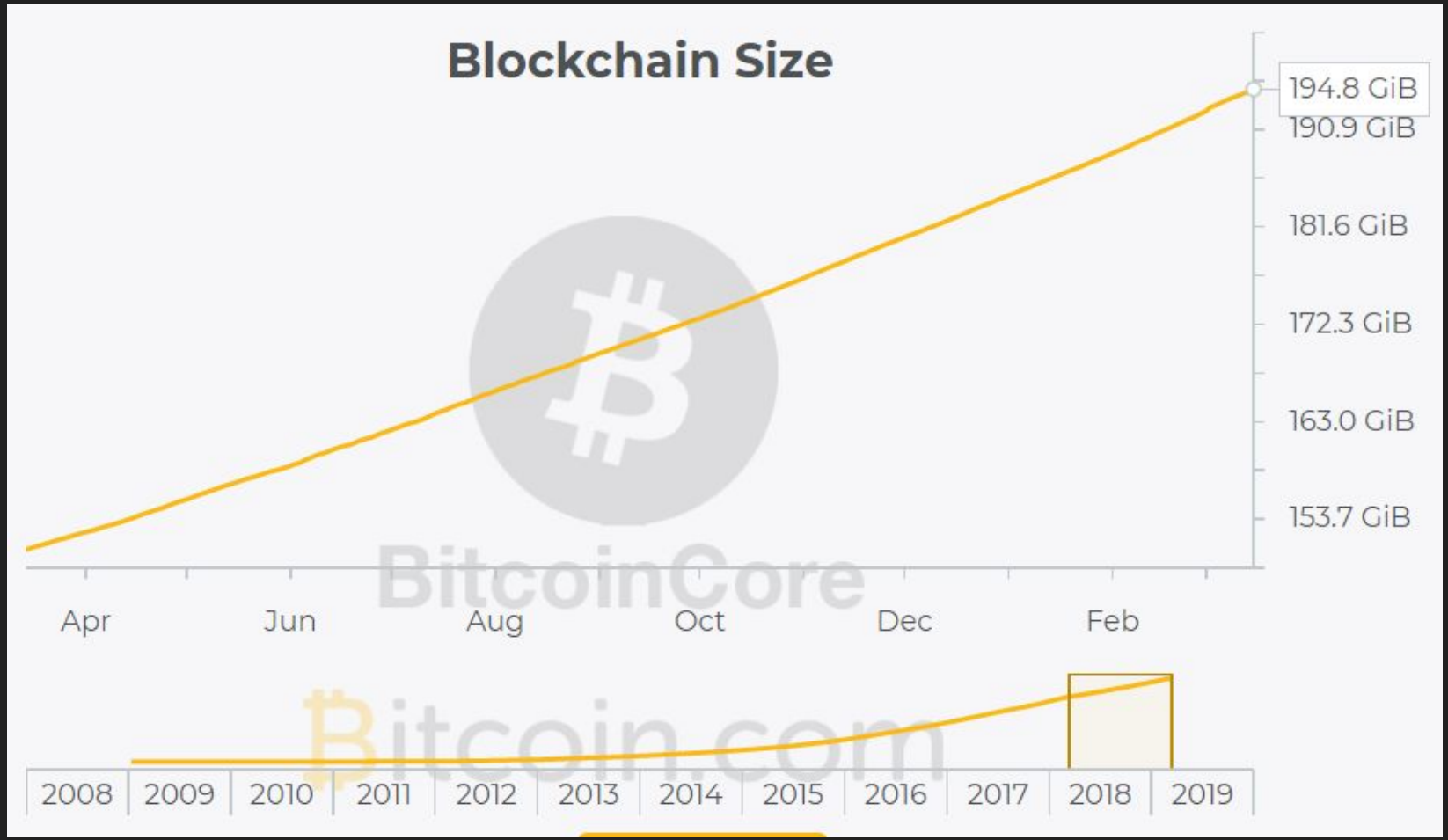
Coût énergétique

Key Network Statistics

Description	Value
Bitcoin's current estimated annual electricity consumption* (TWh)	50.52
Bitcoin's current minimum annual electricity consumption** (TWh)	40.77
Annualized global mining revenues	$2,743,477,606
Annualized estimated global mining costs	$2,526,120,977
Current cost percentage	92.08%
Country closest to Bitcoin in terms of electricity consumption	Portugal
Estimated electricity used over the previous day (KWh)	138,417,588
Implied Watts per GH/s	0.124
Total Network Hashrate in PH/s (1,000,000 GH/s)	46,501
Electricity consumed per transaction (KWh)	464
Number of U.S. households that could be powered by Bitcoin	4,678,002
Number of U.S. households powered for 1 day by the electricity consumed for a single transaction	15.69
Bitcoin's electricity consumption as a percentage of the world's electricity consumption	0.23%
Annual carbon footprint (kt of CO2)	23,998
Carbon footprint per transaction (kg of CO2)	220.52

https://digiconomist.net/bitcoin-energy-consumption

Coût de stockage



https://charts.bitcoin.com/btc/chart/blockchain-size

André Staltz
@andrestaltz

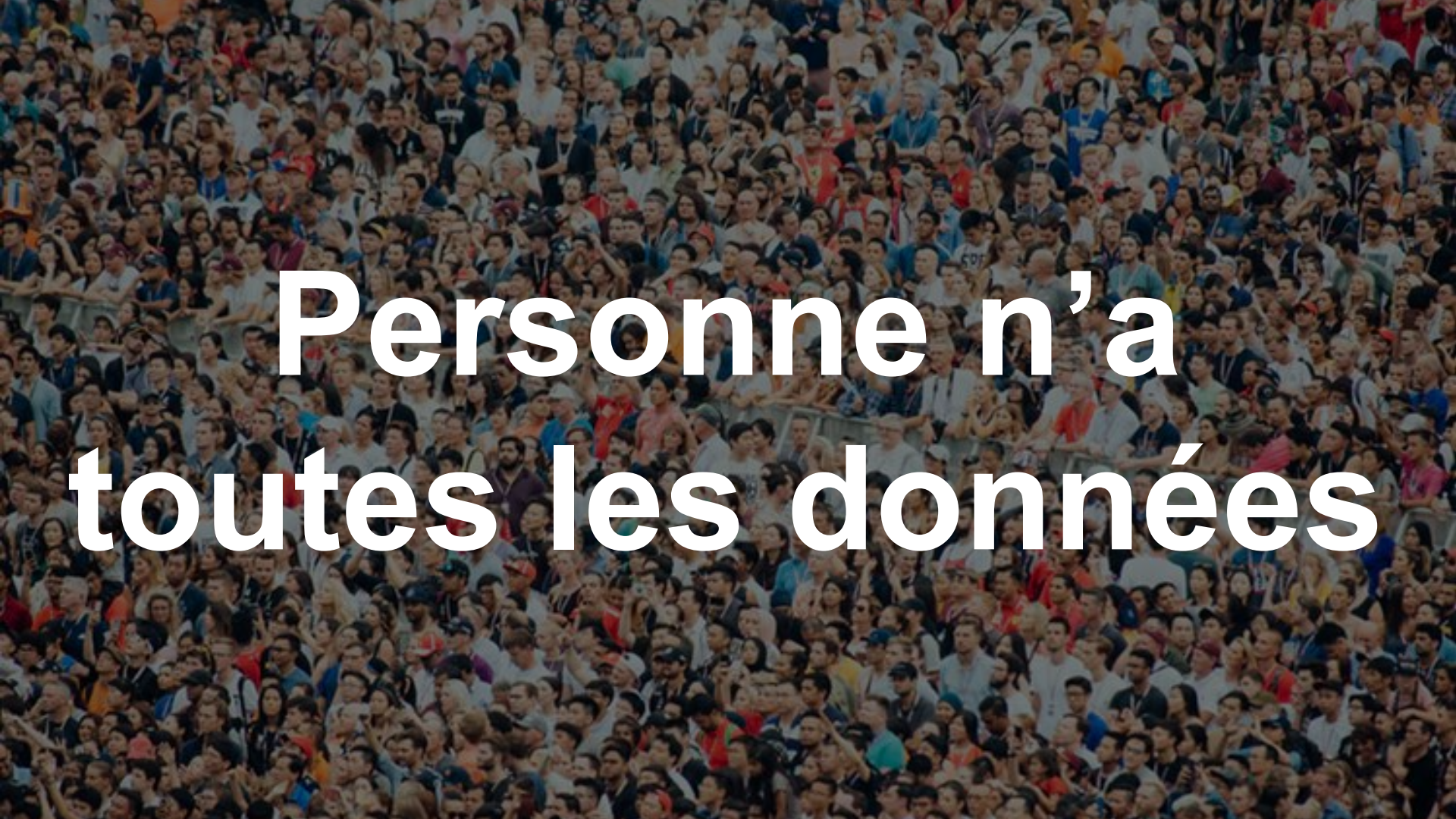
Suivre

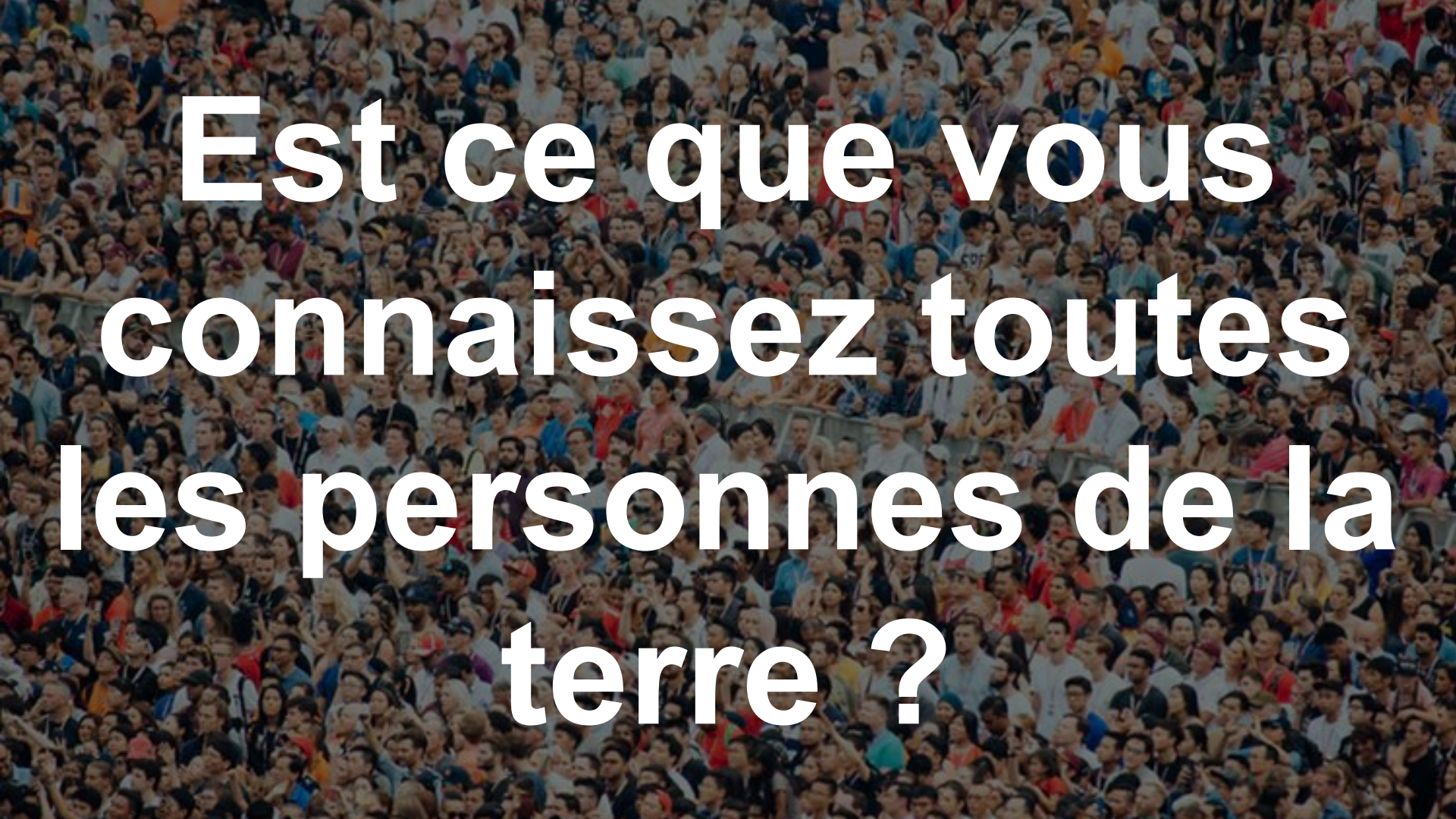
On my computer, just 340MB account for ~7600 users (most of which I am not interested in, but I *chose* to replicate just for the sake of it).

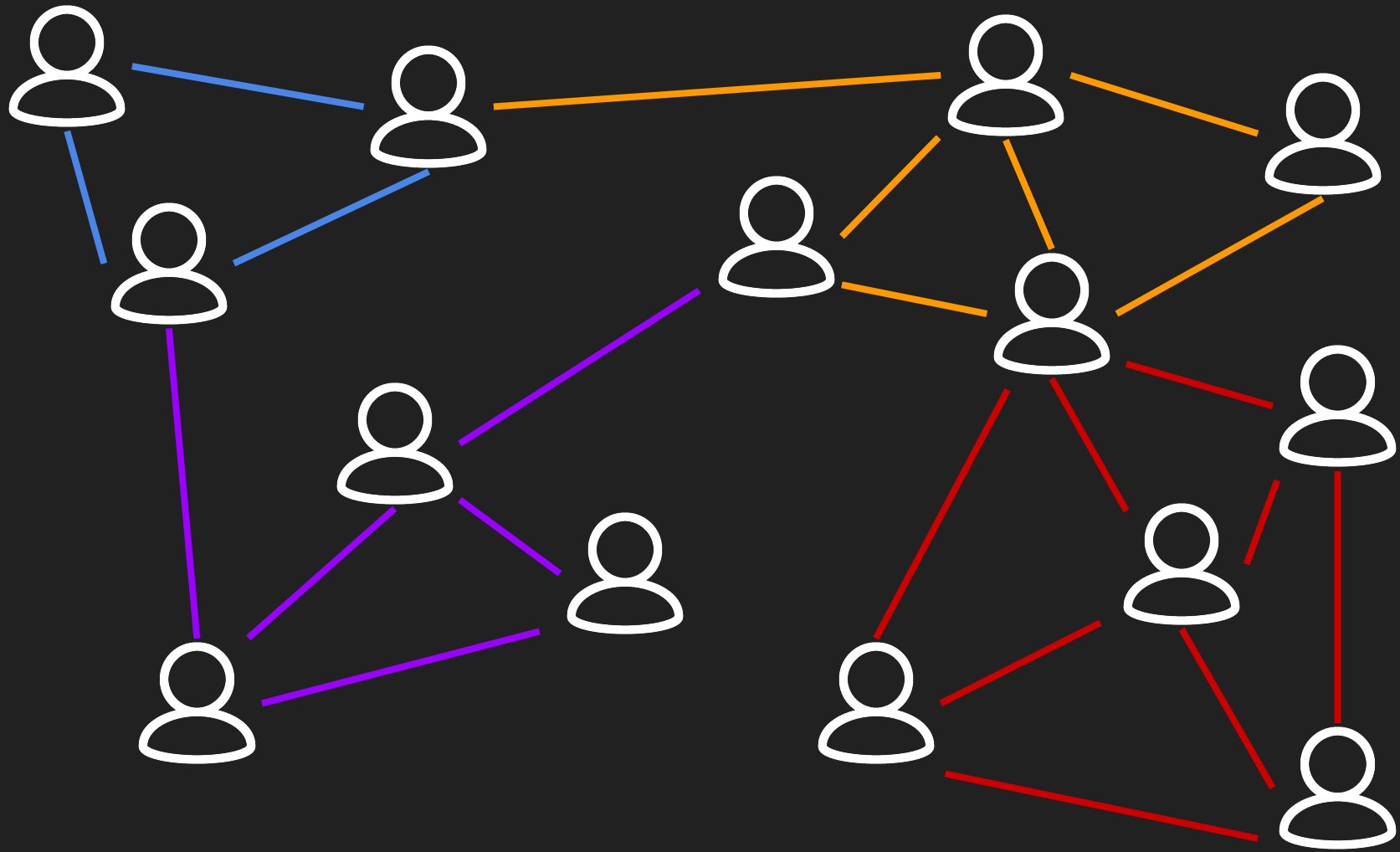
The rest are GC'able images (blobs) and indices of the flumelog.

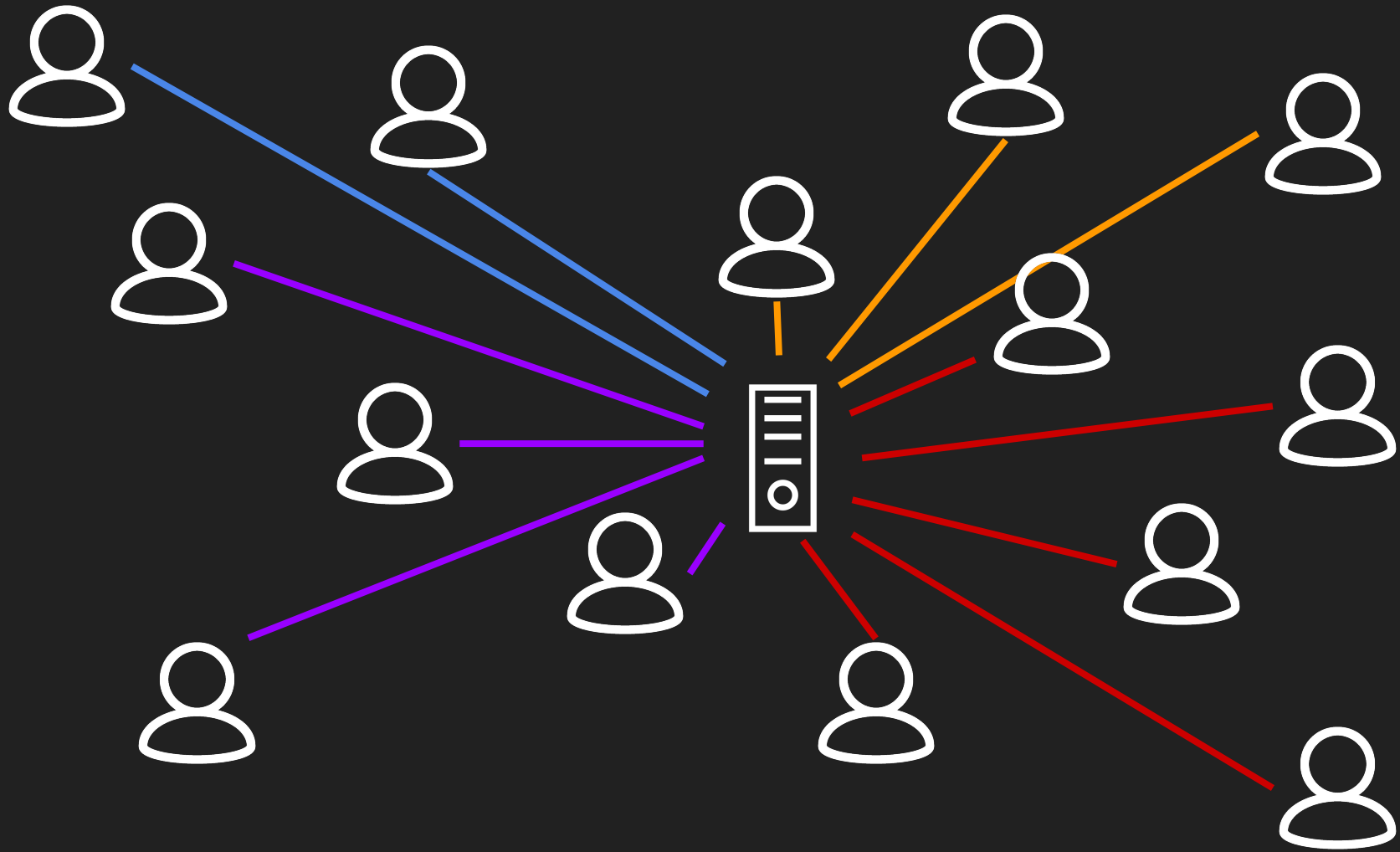
https://twitter.com/andrestaltz/status/1022455866493206528

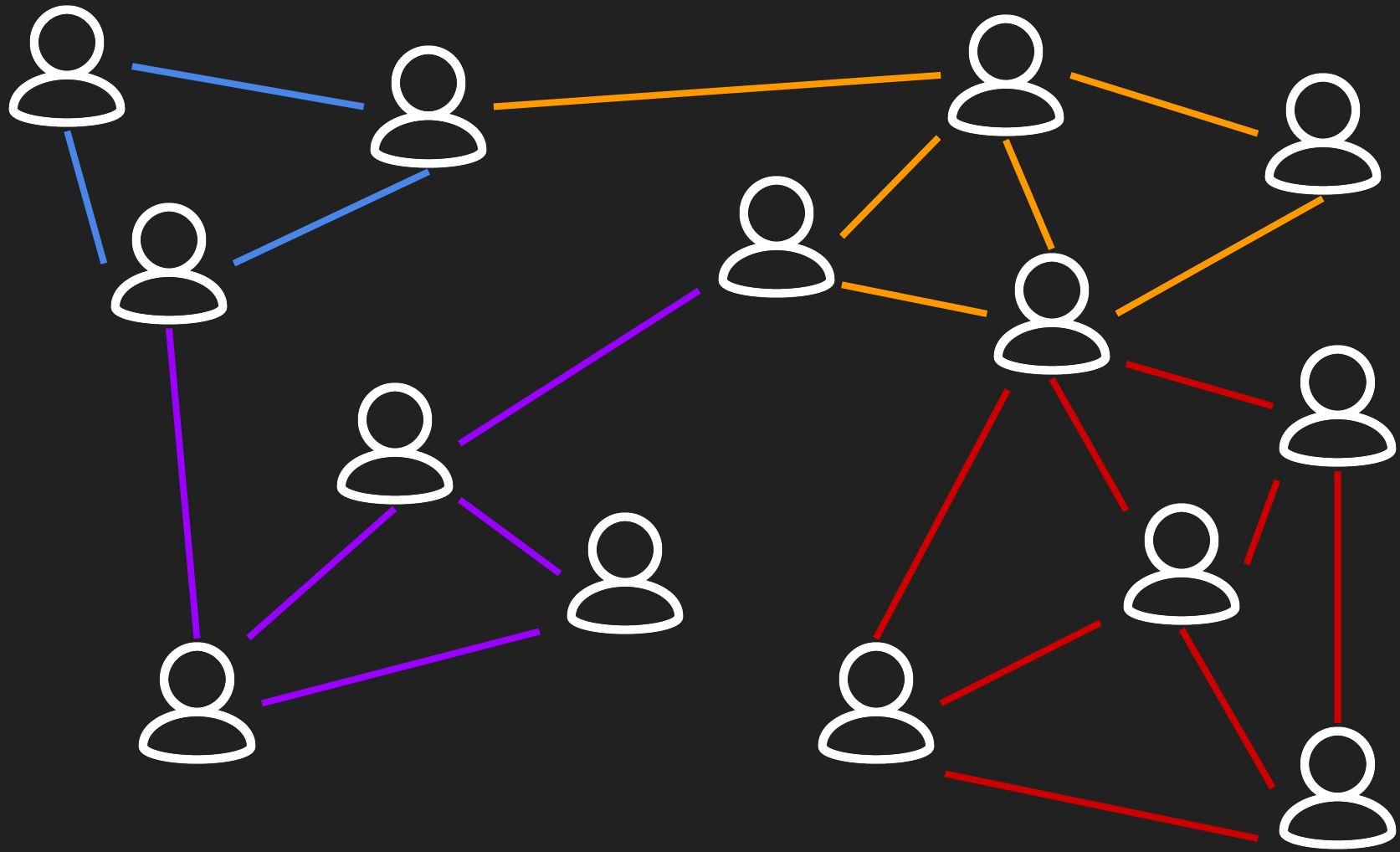
La différence ?

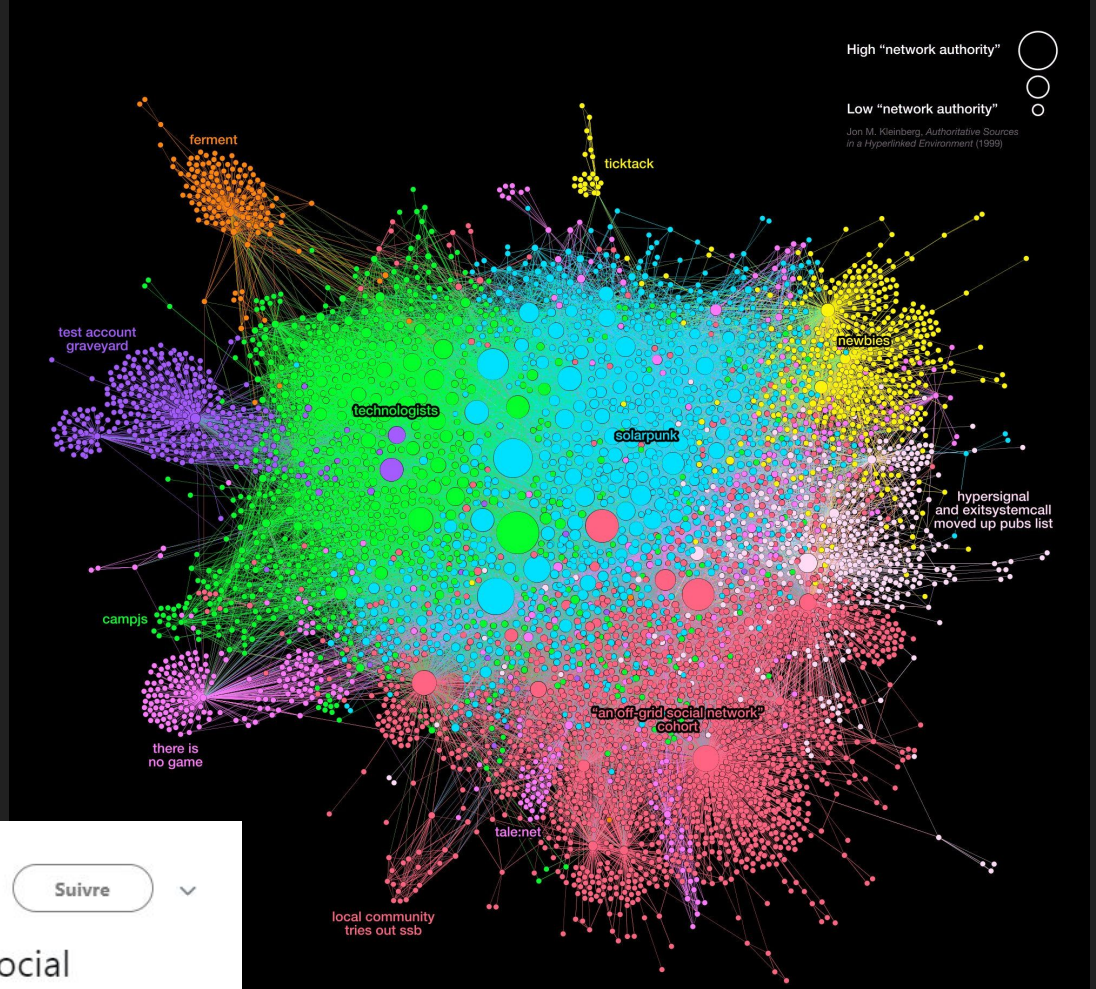

Personne n’a
toutes les données


Est ce que vous
connaissez toutes
les personnes de la
terre ?









André Staltz
@andrestaltz

Suivre

Partial graph of the #scuttlebutt social network, so far. A visualization by vtduncan
viewer.scuttlebot.io/%25utUlBefFYqH ...

https://twitter.com/andrestaltz/status/960801327495475200

You've been invited to Scuttlebutt!

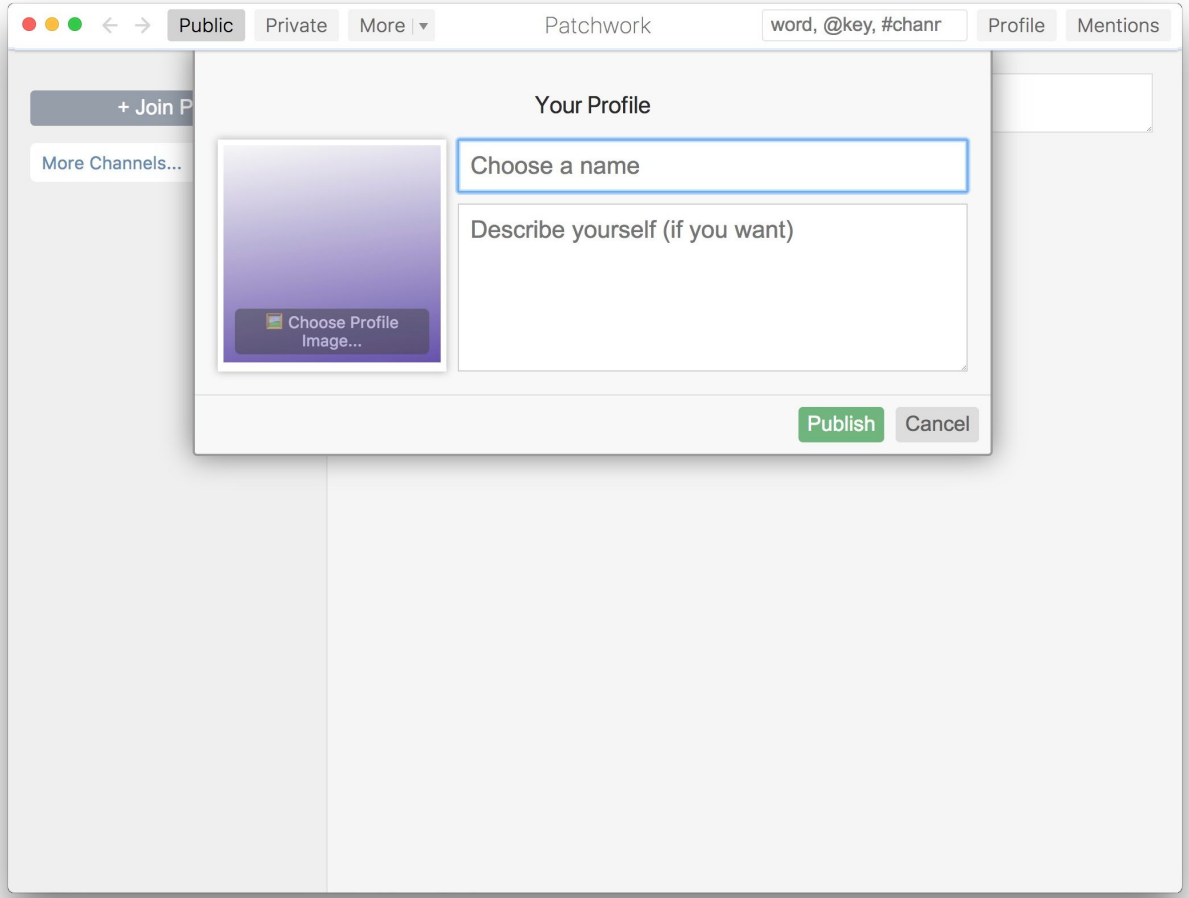
DOWNLOAD PATCHWORK

This will download the latest version from Patchwork's github page.

Download for Windows

Latest version is v3.11.0

https://ahdinosaur.github.io/patchwork-downloader/



https://www.scuttlebutt.nz/getting-started

ssbc / scuttlebot

Watch 76 | Star 946 | Fork 110

Code | Issues 134 | Pull requests 15 | Wiki | Insights

Pub Servers

Edit | New Page

jon r edited this page 17 hours ago · 176 revisions

This is an informal registry of pub servers. Please add your own pub if you start one!

If the pub is marked by these labels, then it is also a website which gives out invite codes!

- 🦋 = uses ssb-pub
- ✨ = uses easy-ssb-pub
- 🌐 = pub has a page where anyone can get freely request a fresh invitation
- 🔢 = pub has a public invite listed on this page

Otherwise you'll need to message the pub-owners for an invite, if one is not listed here.

Public pubs

For 🌐 pubs, you will need to visit the pub's page to get an invite code. (The codes here are the pub's address within SSB, not invite codes.)

For 🔢 pubs, you can copy and paste the invite code right from here.

Please don't just choose the first pub in the list!

In order to spread out the load of new users and not overwhelm any volunteer's pub server, select one further down the list or at random.

- 🌐 pub.everlife.ai, run by EverLife.AI (@q68IdbW1X3mTYGyIp/Zt1NJtJLe61W5o6NFfmgvVMMc=.ed25519)
- learningsocieties.org, run by Ivar (@wOpeyKYrGOKtOmeyG1AONicgo3sIhoghMPi1QMcfBDM=.ed25519)

Pages 3

Find a Page...

Home

Pub Servers

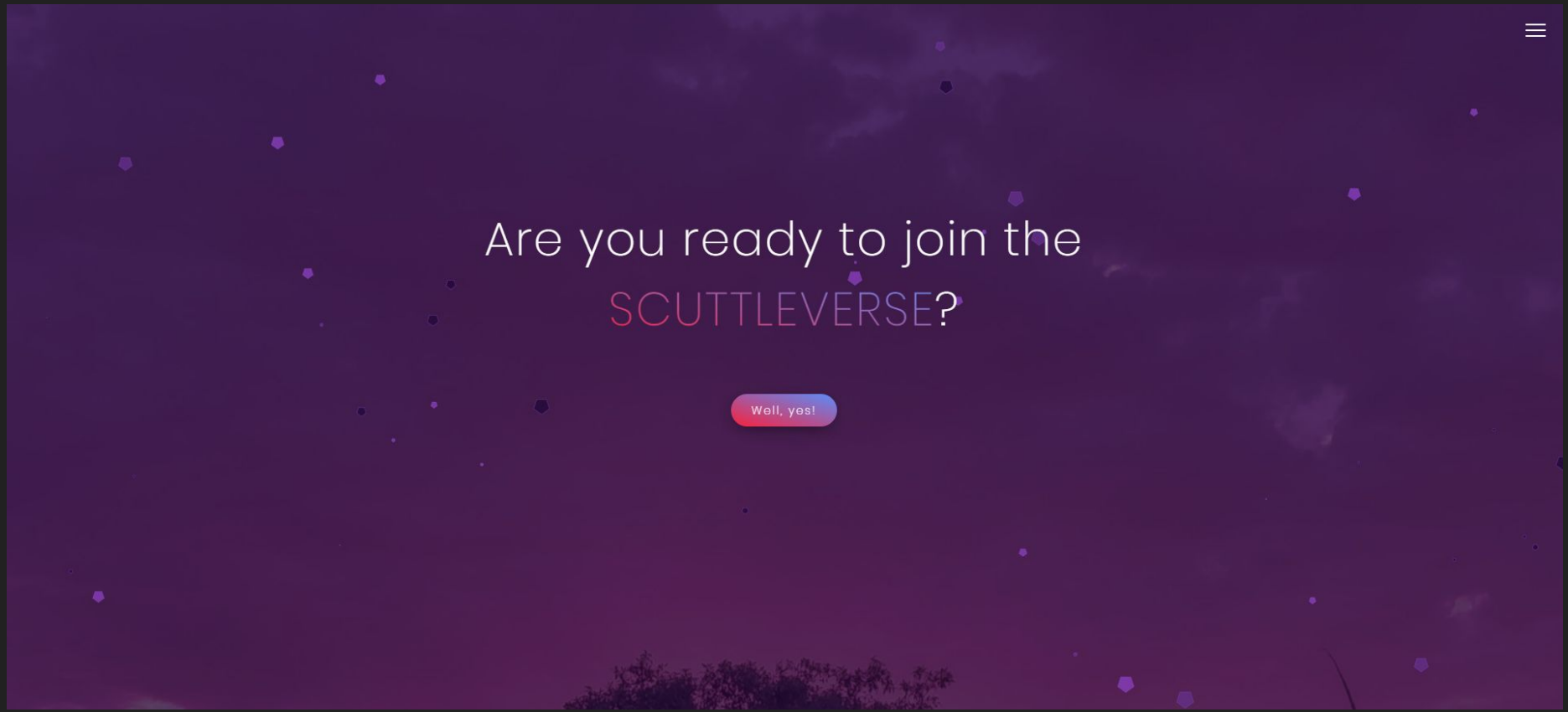
secure private channels: the good, the bad, and the ugly

+ Add a custom sidebar

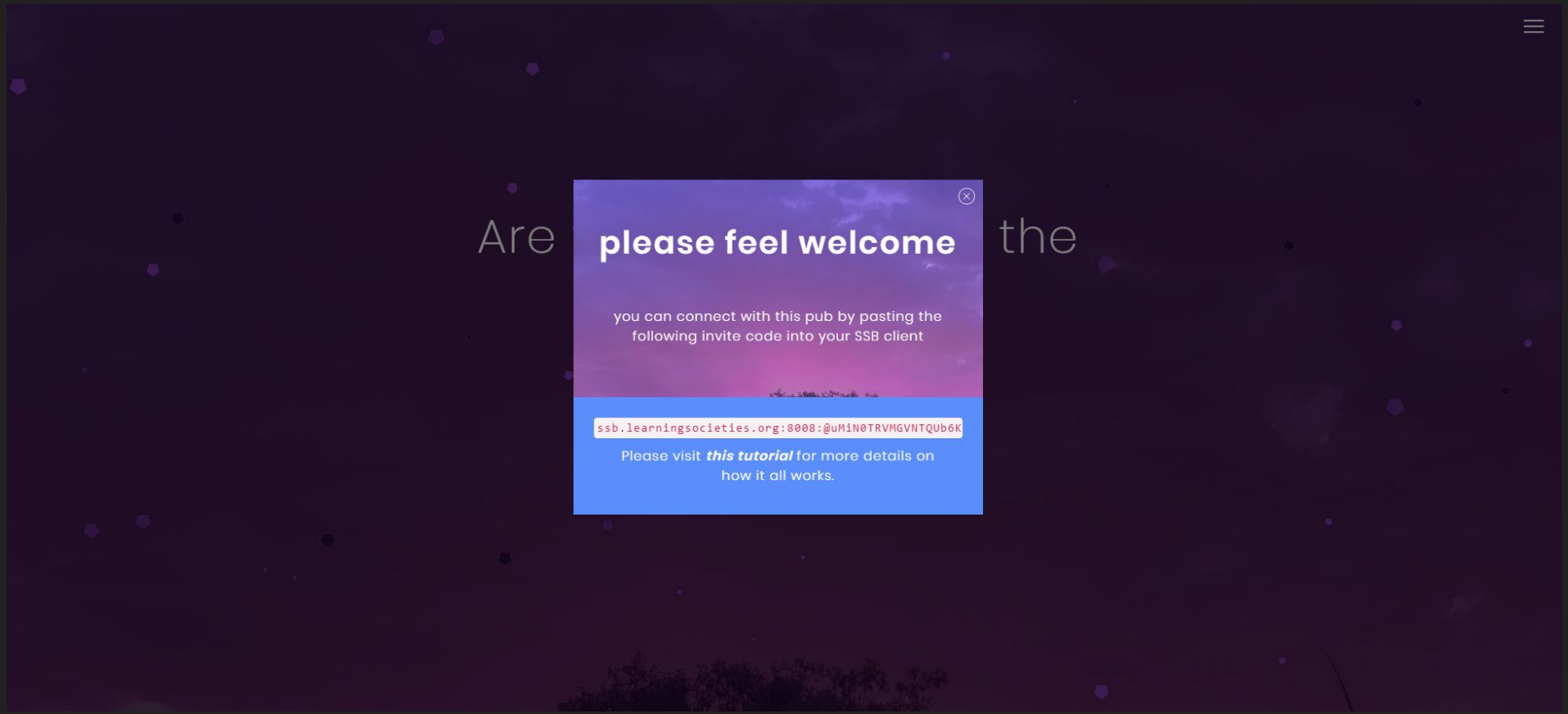
Clone this wiki locally

https://github.com/ssbc/scu

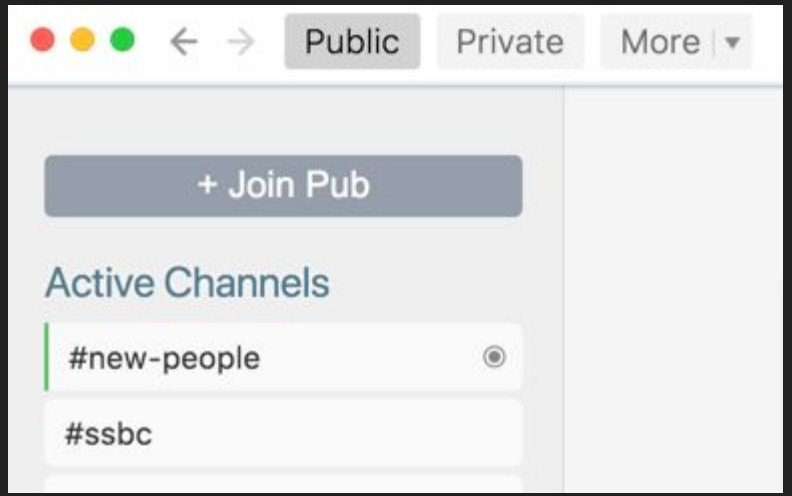
https://github.com/ssbc/scuttlebot/wiki/Pub-Servers



http://ssb.learningsocieties.org/



http://ssb.learningsocieties.org/


Public
Private
More
+ Join Pub
Active Channels
#new-people
#ssbc

+ Rejoindre un Pub

Salons actifs

#myco
#data-lake
#mmt
#ssb-learning
#buttcouncil
#sailing
#solar
#food
Plus de salons...

Pubs connectés

hub.devcontrol.org
pub.solarpunk.netw

Qui suivre

Frédéric Guilbault
8 heures ago

The web is uder attack with anti-encryption and anti net-neutrality legislations. This will affect my capabilities to use the web the way I wish. But it's not at the same level then platforms,

I share that is quite fustrating to have such good alternatives but just not the money/exposure to inform people about it. The mass adoption spiral is nearly impossible to start. But agan, it's not like I had something to sell to those people. So why would I but energy. Maybe living with this fustration is a fatality.

♥ Like ↩ Répondre Tags

Dominic et **Luandro** a répondu à ce message

Luandro
2 semaines ago

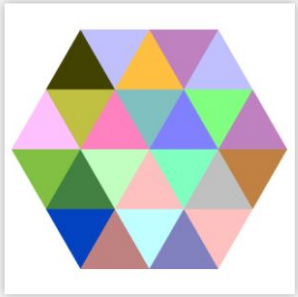
#solar
♥ 9 j'aimes

Forked from %/uQUVb+...

Road to solar ☀️

Part II - Really going off-grid

It's been two weeks since I've been using my solar setup. Sadly I haven't been able to go fully off-grid yet, and am still relying on my hotwire power supply for things like power machines and the computers. At night my cheap 400W hasn't



cryptix

★ Suivre Bloquer

@p13zSAiOpguI9nsawkGijsnMfWmFd5rlUNpzekEE+vI=.ed25519

Vous partagez 1 ami mutuel avec cette personne.

If you want to contact me on a different channel, see my pub key ledger.

If you like techno music, I sometimes share releases I like here and you can find set recordings here. If you want to surprise me, I regularly update my bandcamp wishlist.

I also hack on a lot of stuff. #golang if I can but try to be more pragmatic these days.

Also working on tale:net (on github).

- Here is it's initial mission statement: %q6Im24T...
- find some history on #talenet and our blog

cryptix +

+

cryptix a aimé ce message

Dominic
2 heures ago

3 j'aimes

out of order messages

Envoyer un message privé

Amis

keks

alanz

SoapDog

Nico Pace

ansuz

dan hassan

andrestaltz

Eb4890

Luandro

kieran

DEMO

AntoineCailly

acailly

Merci

@Antoine Cailly
@UP7zpmox0RbLL1wMZO0xtYbpwmc/AQtmiX5zbDLh0P8=.ed25519