

for the 21st century schizoid man

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no.

ONLY  
2100  
SATS

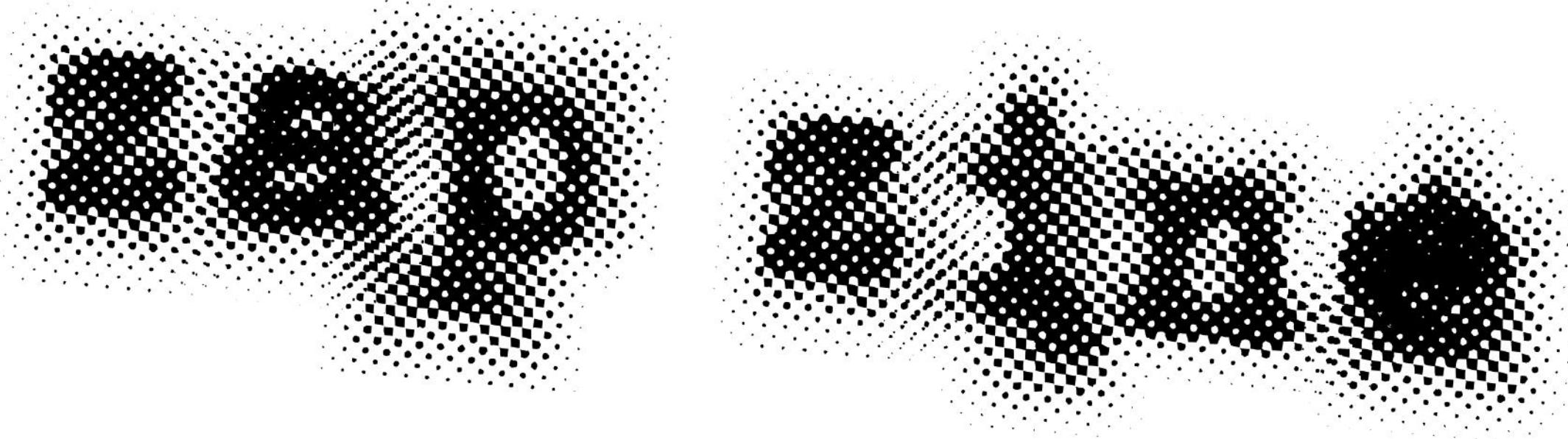
disappear  
from AF

what's a UTXO?

cool things  
&  
cool books

SoftWAR

Why Satoshi coded XX on Windows XP?



## Hello Stackers!

This is an experimental zine that I'll try to publish monthly (or bi-monthly if I'm too flooded with boring work). Experimental in the sense that every page has a different design and every issue has a different vibe.

All designs were made by me, and in this edition, all the articles as well. But the idea is that future articles will be provided by you, part of the community! If your post becomes an article in the zine, zaps will be forwarded to you.

If you like this project, zap anything on the original post.  
You can also donate using the addresses below.

Feel free to suggest improvements, whether in terms of organization or content.

Hope you like it!

Lucas - hybridbits

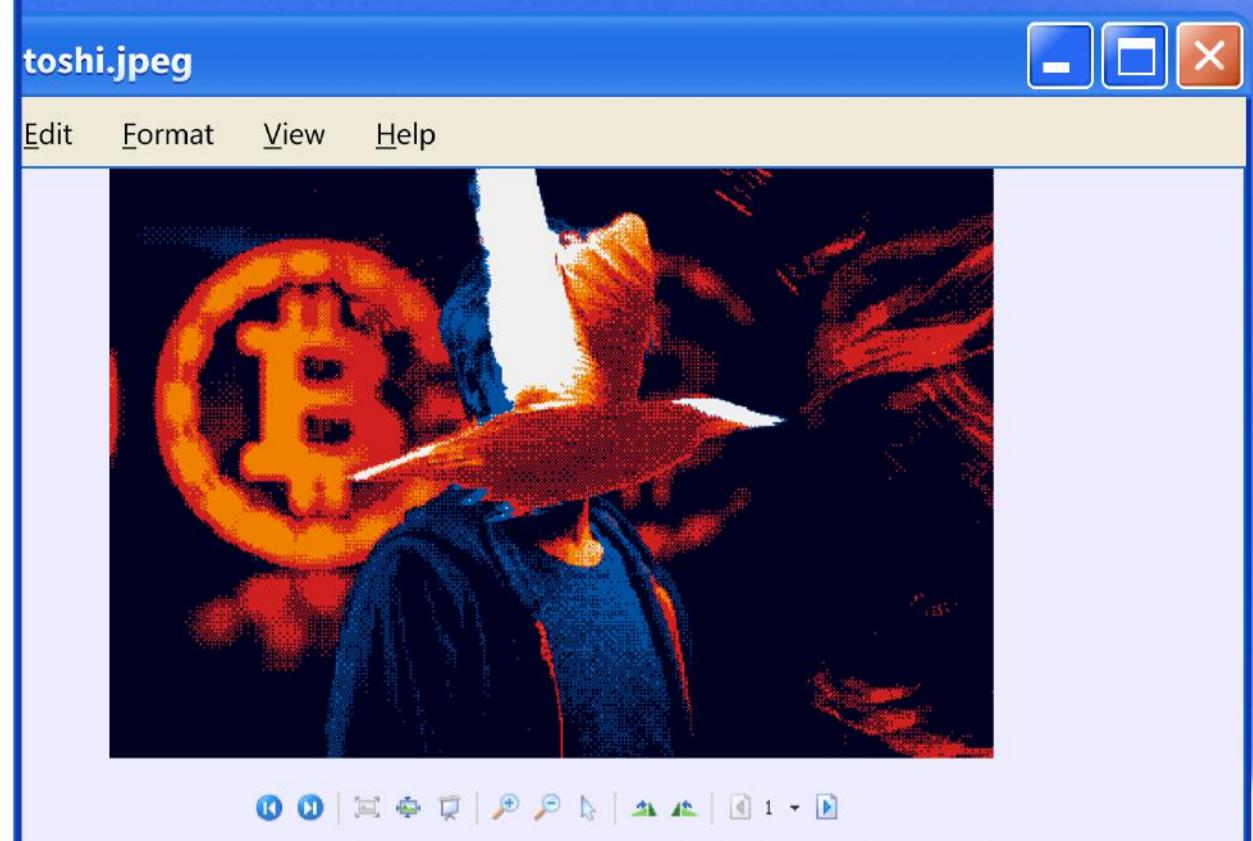
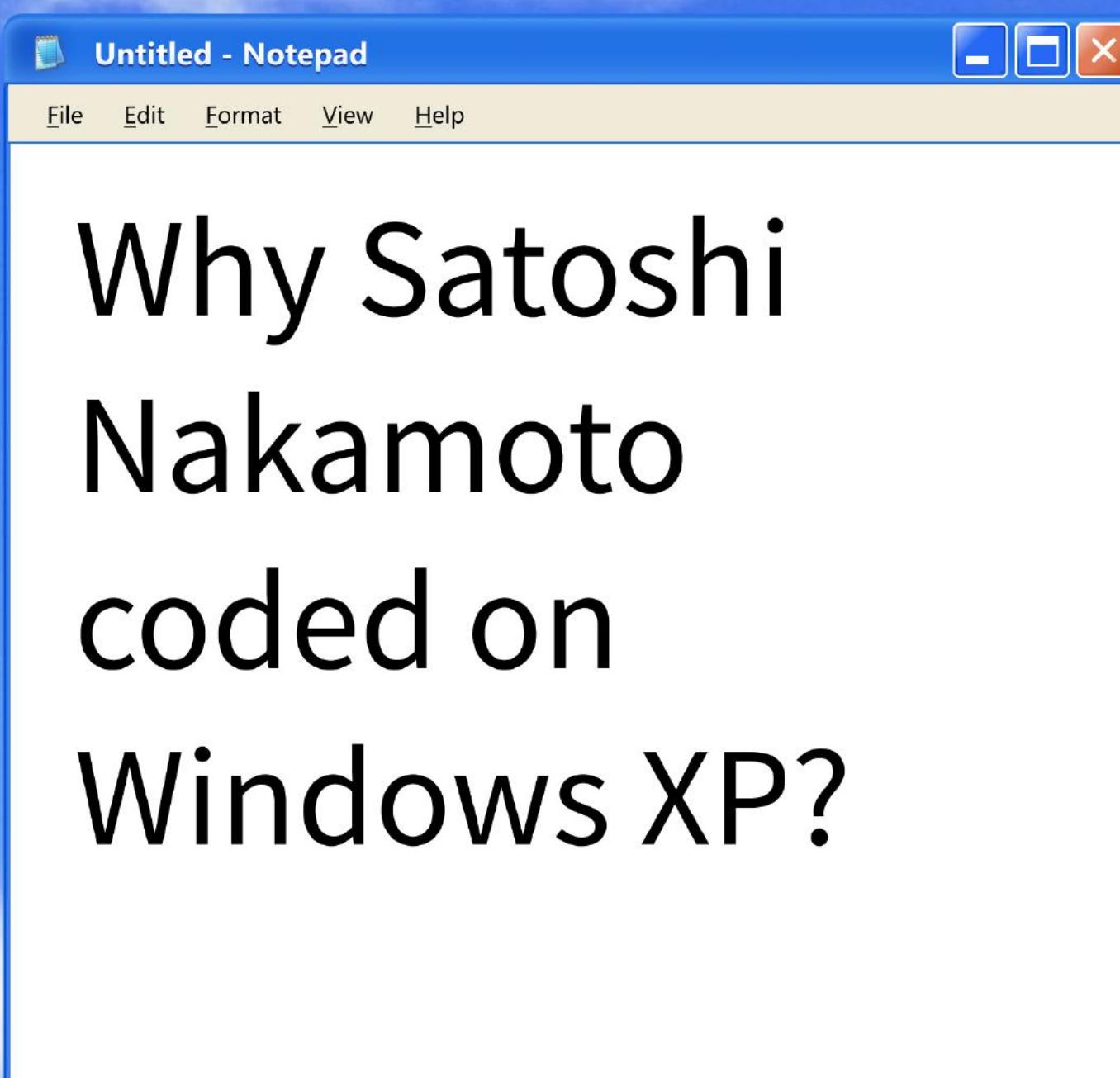
21/MAY/2025



bclqphvlz3x9cscxgth7g84q4gtz6vpstna33652qa



burninguncle80@walletofsatoshi.com



Bitcoin.org - Research Paper on Peer-to-Peer Electronic Cash

File Edit View Favorites Tools Help

Address <http://www.bitcoin.org/> Go Links

It's currently Windows only for now. Open source C++ code is included.

Download link: [bitcoin-0.1.3.rar](#)

- Unpack the files into a directory
- Run BITCOIN.EXE
- It automatically connects to other nodes

If you can keep a node running that accepts incoming connections, you'll really be helping the network a lot. Port 8333 on your firewall needs to be open to receive incoming connections.

The software is still alpha and experimental. There's no guarantee the system's state won't have to be restarted at some point if it becomes necessary, although I've done everything I can to build in extensibility and versioning.

You can get coins by getting someone to send you some, or turn on Options->Generate Coins to run a node and generate blocks. I made the proof-of-work difficulty ridiculously easy to start with, so for a little while in the beginning a typical PC will be able to generate coins in just a few hours. It'll get a lot harder when competition makes the automatic adjustment drive up the difficulty. Generated coins must wait 120 blocks to mature before they can be spent.

There are two ways to send money. If the recipient is online, you can enter their IP address and it will connect, get a new public key and send the transaction with comments. If the recipient is not online, it is possible to send to their Bitcoin address, which is a hash of their public key that they give you. They'll receive the transaction the next time they connect and get the block it's in. This method has the disadvantage that no comment information is sent, and a bit of privacy may be lost if the address is used multiple times, but it is a useful alternative if both users can't be online at the same time or the recipient can't receive incoming connections.

Total circulation will be 21,000,000 coins. It'll be distributed to network nodes when they make blocks, with the amount cut in half every 4 years.

Untitled - Notepad

File Edit Format View Help

A deep dive



# Why satoshi Nakamoto coded on Windows XP?

@hybridbits

11/05/2025



Satoshi Nakamoto, the pseudonymous creator of Bitcoin, didn't use a Unix server or a bleeding-edge dev stack. He built and compiled Bitcoin on Windows XP - an operating system already past its prime when Bitcoin launched in 2009.

Sound strange? Maybe. But it's true. And it tells us a lot about the mind behind the protocol.

## Evidences

**Bitcoin's early source files use CRLF line endings, standard on Windows, especially XP and earlier. Linux uses LF. That's our first big clue.**

When you press "Enter" in a text file, the computer inserts a line ending - a special character (or characters) that marks the end of the line.

Different operating systems use different styles. Windows uses CRLF (Carriage Return + Line Feed). Unix/Linux/macOS use LF (Line Feed only) and Old Macs (pre-OS X) used CR (Carriage Return).

In Satoshi's case, the Bitcoin source code used CRLF, strongly suggesting it was written on Windows - likely XP. It's a subtle but solid fingerprint of the development environment.

**Some of the timestamps and file attributes in the compiled binaries and project files are consistent with Visual Studio 2008 running on Windows XP.**

When a program (binary) is compiled, the operating system and compiler often embed timestamps and file attributes into the file. These can include:

- Build date and time
- Compiler version
- File system metadata (eg. creation and modification dates)
- Executable format details (like PE headers in Windows)

In Satoshi's early Bitcoin releases, these attributes matched what you'd expect from Windows XP using Visual Studio 2008.

**Code conventions, paths, and compile settings are unmistakably Windows-native. No bash, no shebangs: pure C++ on a Windows backbone.**

Satoshi's Bitcoin code followed Windows-style conventions:

- File paths used backslashes `C:\Bitcoin\src` not Unix slashes `/home/user/bitcoin`
- No shebangs `#!/bin/bash`, which are used in Unix scripts
- Build tools were Windows-based (like Visual Studio), not Makefiles or Bash scripts

All of this points to a dev environment deeply rooted in Windows - not Linux or macOS.

## Why XP? Why Not Linux?

For someone building a peer-to-peer money system XP had strategic advantages. No random package updates. No kernel quirks. XP was stable, boring, and consistent.

Also, XP could be easily air-gapped. It didn't autoupdate. You could unplug it from the world and still compile C++ and run networking code like a champ. Networking? File I/O? Threading? XP gave you access to the metal, without abstractions.

This was the setup of a lone, ideological hacker. Someone who didn't care much about shiny tools or "best practices". Someone who wanted control, privacy, and minimalism. Probably even deliberately avoiding modern systems, for OPSEC or ideological reasons.

### XP - The Hacker's OS?

**Released:** October 2001  
**Still Dominant in:** 2008 (70%+ market share)  
**Tools:** Visual Studio 2008, OpenSSL, Berkeley DB  
**OPSEC Perks:** Easy to air-gap, no auto-cloud sync, user control

# What's a UTXO?

@hybridbits

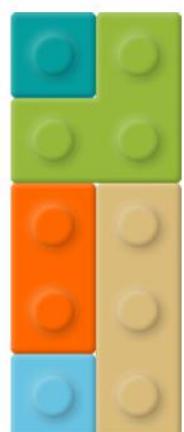
Using Legos!!

Credits to:

- youtube.com/@thebtccourse
- figma.com/@dariush
  - creativecommons.org/licenses/by/4.0/
  - With changes.
- leather.io/learn/bitcoin-transactions



A UTXO (Unspent Transaction Output) is like a Lego brick of bitcoin.



Your wallet isn't a single big piece.

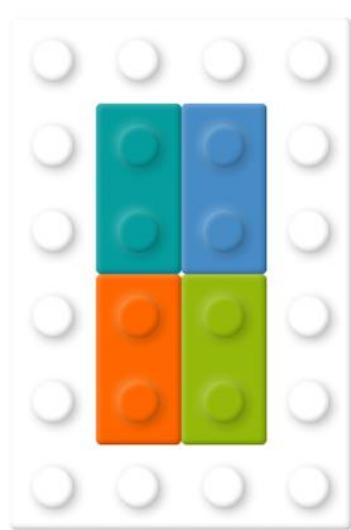
Instead, it holds many separate pieces. Each time you receive Bitcoin, it arrives as a new UTXO, a different colored Lego brick.



Alice

Imagine that **Alice** buys \$20 worth of Bitcoin everyday, in a peer-to-peer app.

Day 1	Day 2	Day 3	Day 4
\$20	\$20	\$20	\$20

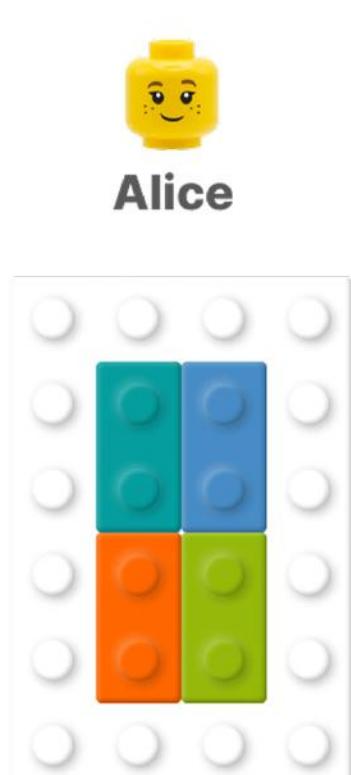


Her wallet now holds five UTXOs, one for each time she received Bitcoin.

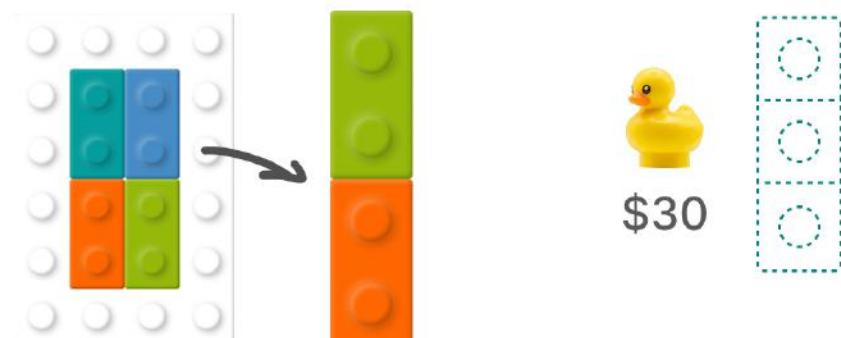
Even though her total balance is \$80, it's made of five separate pieces.

Each time Alice gets more Bitcoin, a new UTXO is added, like snapping on another Lego.

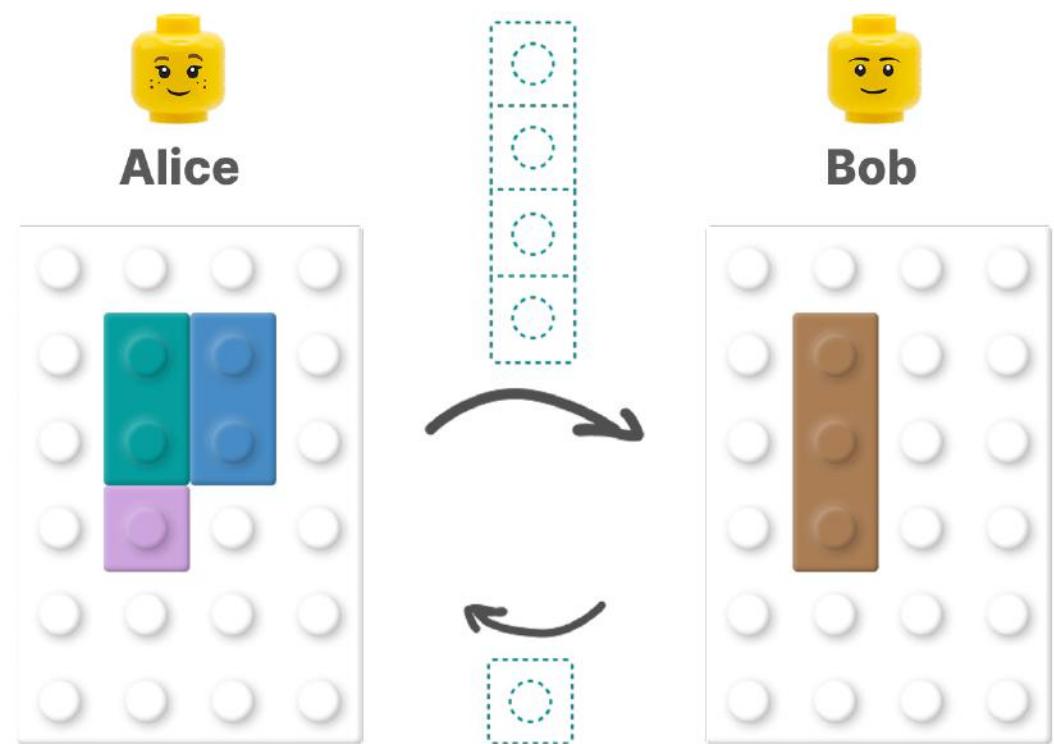
Now Alice wants to buy something from Bob's store.



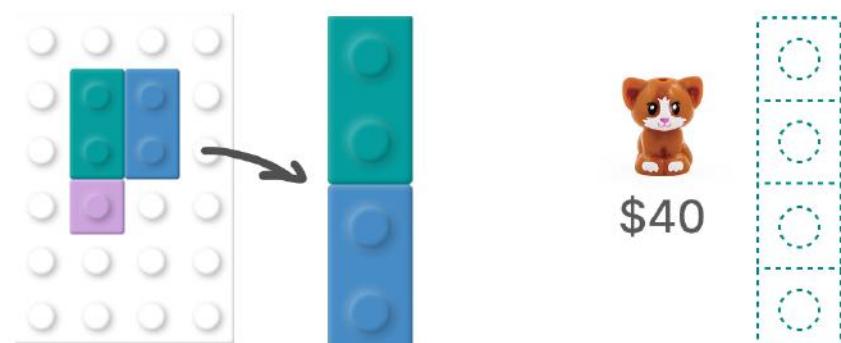
To buy the duck for \$30, Alice's wallet picks two UTXOs, a green and an orange one. Together, they add up to \$40.



\$30 goes to Bob, creating brand new UTXOs for him. The leftover \$10 comes back to Alice as a new UTXO, a new brick.



Now Alice wants to buy the brown cat for \$40. Her wallet picks the teal and blue bricks, worth \$20 each.



Together they total exactly \$40, just enough to buy the cat. This time, no change is needed, and those two UTXOs are fully used, creating a brand new UTXO to Bob.

Each piece of Bitcoin in your wallet is a UTXO, a separate, spendable chunk.

Spending Bitcoin means using old UTXOs and getting back new ones, like giving away bricks and receiving new ones!

Now you know! Pass it on to a friend!

# 3 Cool “Competence Thrill” Books

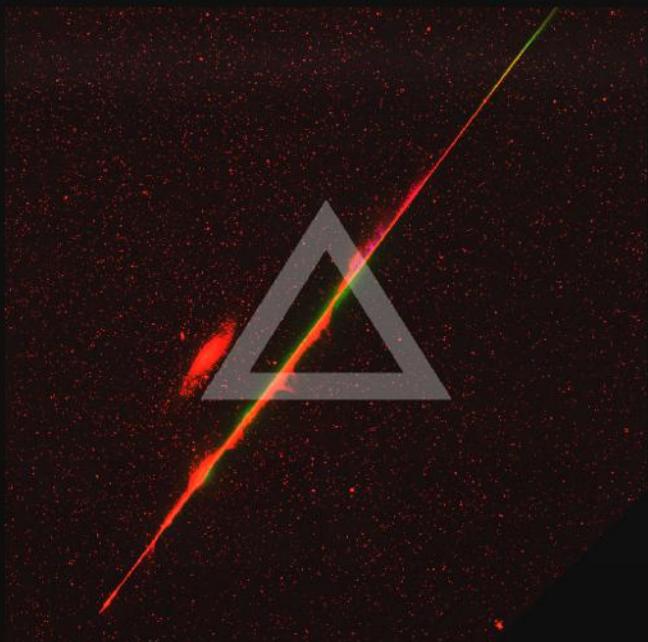
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← hybridbits

## Competence Thrill

noun

1. Entertainment featuring competent characters carrying out difficult tasks with great aptitude, usually under heavy pressure.

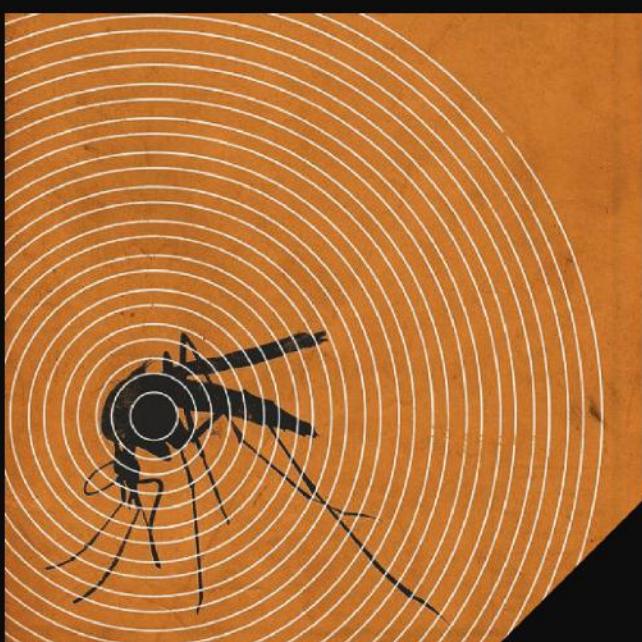


### Project Hail Mary - Andy Weir

Project Hail Mary is a smart, fast-paced sci-fi story about a scientist who wakes up alone in space, with no memory, and has to survive using nothing but brains, grit, and logic. It's clever, funny, and full of satisfying problem-solving. From measuring gravity using a tape measure, to using nuclear bombs in the Antarctic to save the planet.

The audiobook, narrated by Ray Porter, is top notch. It was so good that I finished in 3 days.

book - audio - film (soon)      multiple languages



### Jurassic Park - Michael Crichton

Problem-solving under stress, up to a thousand. It's a raw, high-pressure race against time where every decision could be their last. The movie is a good adaptation, but the book is much more detailed, with more complex problems. It's a fun read. Definitely check it out, even if you've seen the movie.

The best audiobook narration is by Scott Beck.

book - audio - film      multiple languages



## The Folding Knife - KJ Parker

Bassanio is ugly - but he's brilliant. In The Folding Knife by K.J. Parker, he rises to lead the Vesani Republic, mastering politics, finance, and manipulation.

Through sharp strategy and relentless ambition, Bassanio builds a golden age of prosperity - at the cost of his soul. This is the rise and downfall of a man who thought he could outthink the world.

A good read, but not for everyone. If you enjoy politics, economics, and strategy, this one's for you.

book

Ideas in

# 60 seconds.

## BTC Storage: Self-custodial vs Custodial

**Self-custodial (non-custodial)** refers to the individual control and management of bitcoin, where the user holds their private keys directly. This method allows full ownership and control over the funds, with the user responsible for securing their keys.

Examples include hardware wallets (e.g., Coldcard, Keystone) or software wallets where the user manages their own private keys.

**Custodial** refers to a third-party service that holds and manages bitcoin on behalf of the user. In this model, the service provider (e.g., exchanges like Coinbase or Binance, or wallets like Gemini Wallet) controls the private keys, meaning the user does not have full control or ownership of their funds.

While it offers convenience, it introduces counterparty risk, as the service provider could be compromised or inaccessible.

Remember: not your keys, not your coins.

@hybridbits

## Did you know?



IN 2017, the introduction of Bitcoin Cash led to a heated "civil war" within the community, making clear the importance of self-custody.

Those who held their private keys were able to claim both Bitcoin (BTC) and Bitcoin Cash (BCH) when the hard fork occurred, while exchange users had to wait some days or even weeks for the platforms to distribute the new coins.

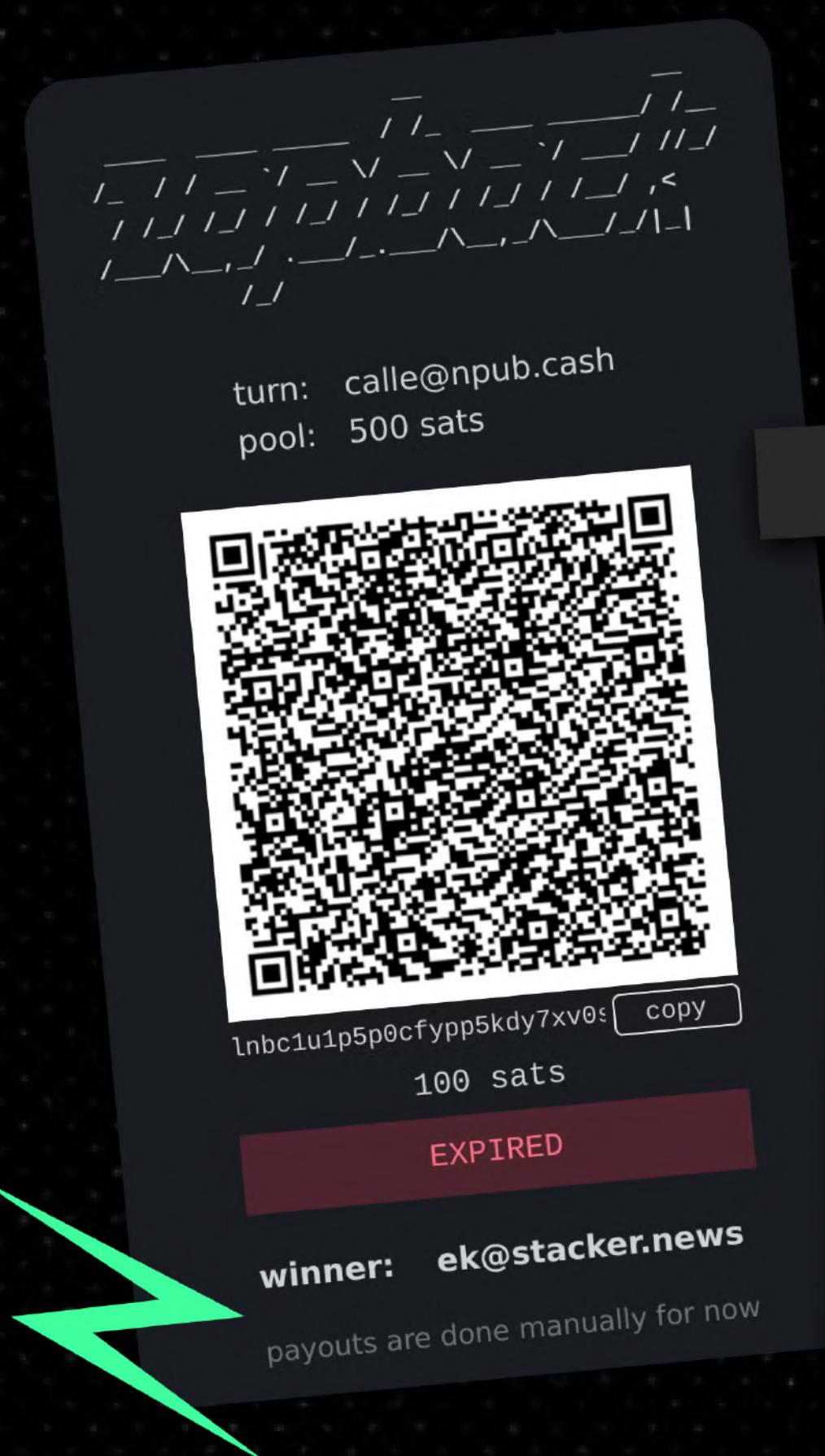


THE FIRST nice Bitcoin Paper Wallet design was created around 2011 as a easy way for people to store BTC offline.

For a while this was a very popular method of self-custody, involved generating a printing a private key on paper, offline, and storing in a safe place (like a vault). Paper wallets are highly vulnerable to physical damage or loss.

# cool af!!

Cool things that make you go “hell yeah”



zapback.ekzy.is/  
**Zapback**

Last Pay Wins - for Friends

You have been invited to join a  
zapback game!

Here's how it works:

- Zap the pool to start the game
- Your friend has 24 hours to take their turn by zapping the pool
- If they don't zap in time, you win the entire pool!
- If they do zap, it becomes your turn again
- The last person to zap within the 24 hour window wins!

lightning address calle@npub.cash

START GAME

Inspired by [lastpaywins.com](http://lastpaywins.com) by [@alex\\_lewin](#). ZAPBACK works similarly, except that you invite a friend to join your game - so you're not playing against strangers. Also, the timer is 24 hours instead of 300 seconds. This game is built with Echo+HTMX+Templ.

[zapback.ekzy.is/](http://zapback.ekzy.is/)

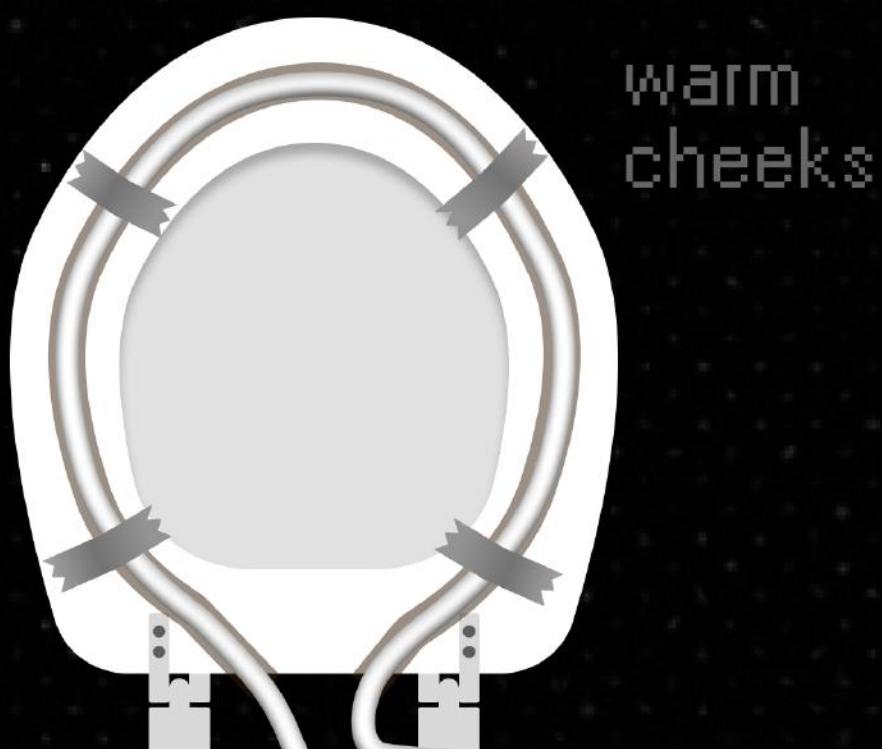
Did you know?

On the Nostr network, “zaps” are tiny, instant payments users can send to show appreciation for posts, similar to “likes,” but with real value, powered by Bitcoin’s Lightning Network. Unlike traditional social media likes, zaps let you support creators directly with actual sats (satoshis, the smallest fraction of Bitcoin). It’s a fun and meaningful way to say “I like this” and back it up with Bitcoin!

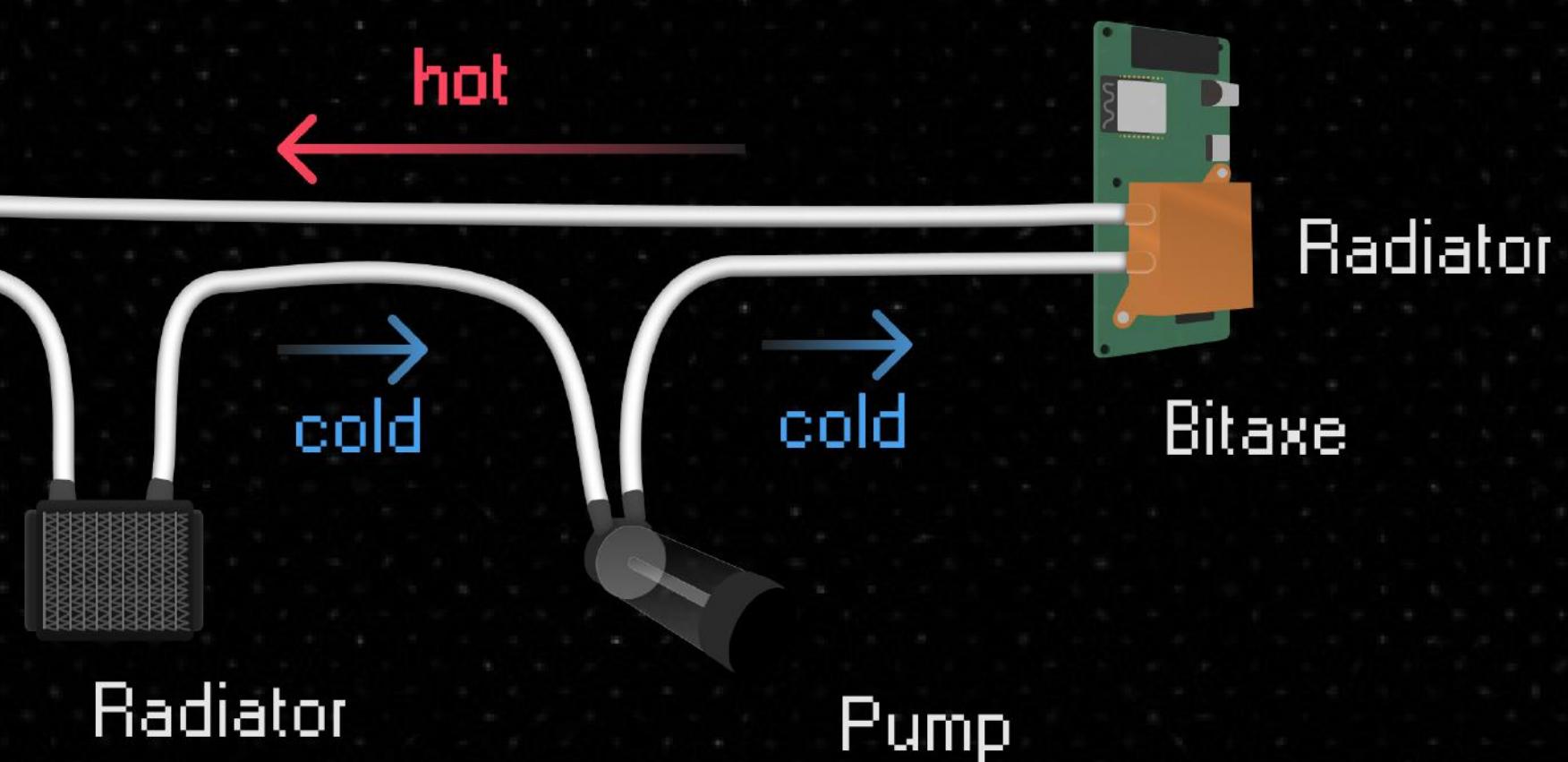


# Shitaxe

The first even Bitcoin/bitaxe heated toilet seat 🔥



@100AcresRanch is truly a visionary, his innovation consists of a Bitaxe, a toilet seat, a tube... actually, lemme show ya a detailed diagram:



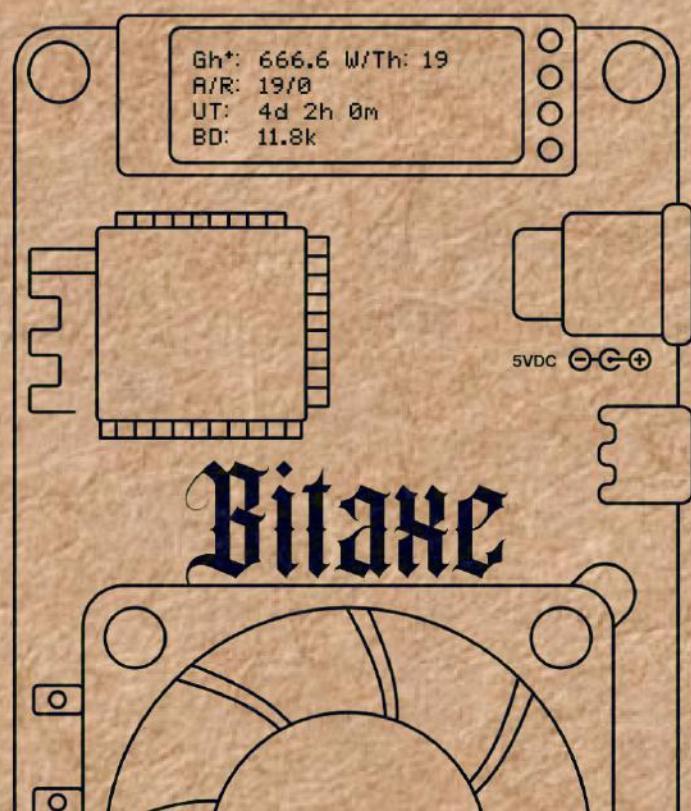
BtcPins @BtcPins · Mar 16 ...  
Might as well also make it a bidet  
1 1 1 73 ↗

100Acres... @100Acr... · Mar 16 ...  
That's the add on for the rich plebs.  
😂 dang thing essentially costs  
400\$ with the axe.  
0 2 49 ↗

## Upgrade suggestions:

- Bideaxe - The People Want the Squirt
- Shitaxe Solar - Off the Grid Dump

In the same scatological topic, read: Which is better: a bidet or toilet paper?

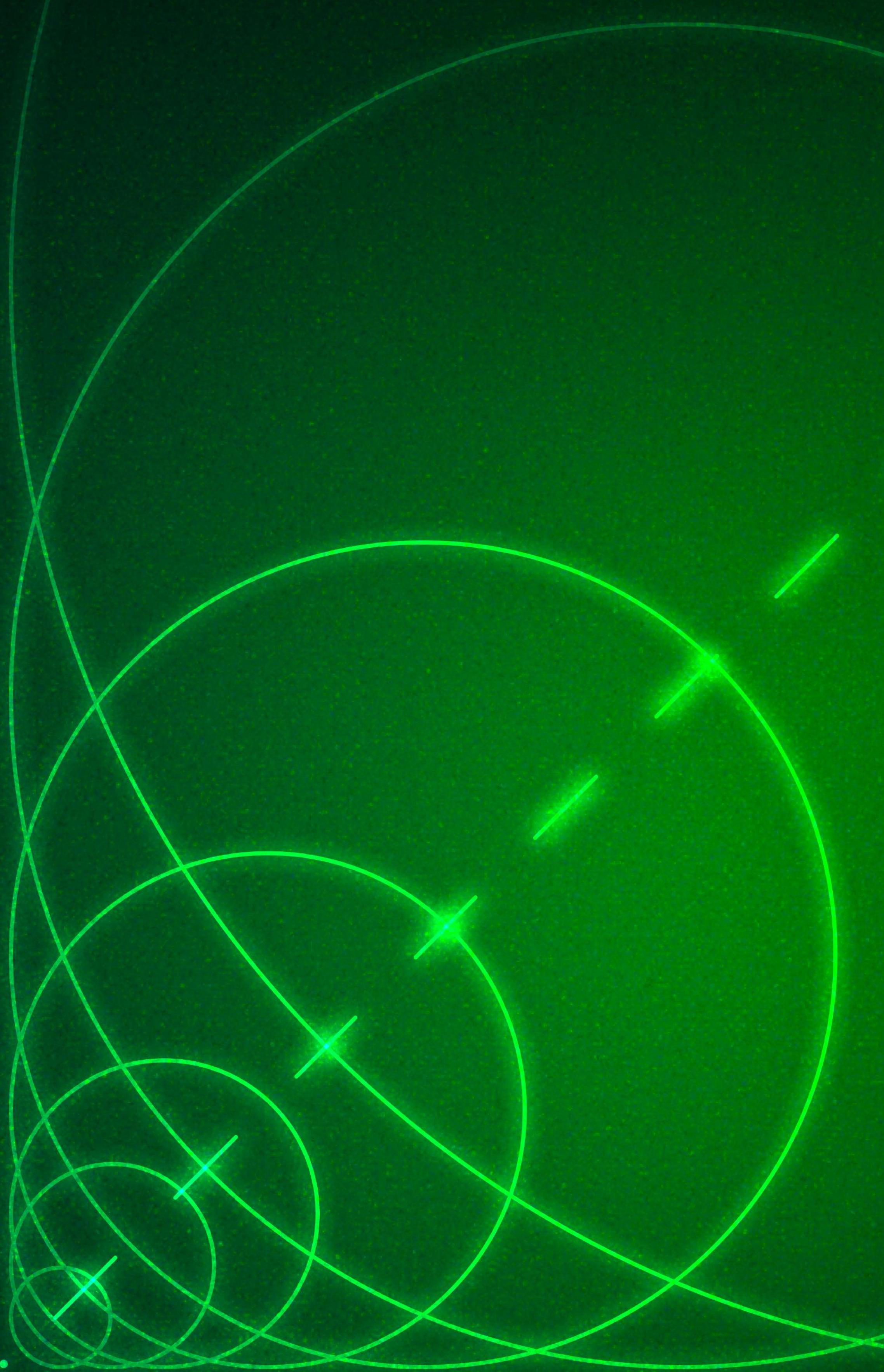


"Bitaxe is a Bitcoin miner built on an open-source design and powered by a modern mining ASIC, combining high efficiency with flexibility. Its open-source nature empowers users to inspect, modify, and customize both hardware and software, making it easy to fine-tune performance for specific needs or mining environments."

Yes, it's fully capable; people have successfully mined entire blocks with it. ,"



BITCOIN



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# SOFTWAR



## ELEGANT WARFARE FOR A MORE CIVILIZED AGE

Major Jason P. Lowery's (U.S. Space Force) thesis is bold;

@hybridbits

Bitcoin is not just a financial tool \ it's a military-grade power projection system. He calls it: Softwar.

It's not metaphor. Just like nuclear weapons created the doctrine of mutually assured destruction, Bitcoin introduces a new form of deterrence force \ non-lethal, decentralized, and permissionless. Power Projection is a military and strategic term that means the ability of a country or entity to exert influence or control beyond its borders, especially using force or the credible threat of it.

Five Ways to Impose Severe Physical Costs on Attackers in Five Different Domains:



Historically, these 5 domains have been secured by traditional kinetic force \ tanks, ships, planes, satellites, and servers \ each projecting power through physical or digital violence. But Bitcoin introduces a sixth vector of resistance: a form of non-kinetic force that operates in the digital domain yet creates direct real-world consequences. Thermodynamic deterrence through proof-of-work, which applies cost to actions in cyberspace just like missiles apply cost in kinetic warzones. Math-as-power.

Bitcoin's innovation is that it physically constrains computation. Proof-of-work means that altering or attacking the Bitcoin network demands real-world energy \ electricity, hardware, capital, time. It turns cyberspace, once defined by near-zero marginal cost, into a place where actions carry thermodynamic consequence.

"Bitcoin can physically constrain computers and impose severe physical costs on belligerent actors in, from, and through cyberspace." - Softwar.

In warfare, the aim is often to deny access \ to roads, seas, airspace, orbit, or networks. Bitcoin operates the same way. It defends digital space not by blocking packets or detecting intrusions, but by making hostile access too expensive to be practical.

A hacker wishing to rewrite Bitcoin's history, alter balances, or seize control would need to outperform a global network of miners constantly projecting power into the system. That requires energy \ lots of it. The result is a security model that scales with cost, not just code. And that means a more peaceful society, in a Bitcoin standard world.

This is a rediscovery of an ancient military principle: deterrence by cost. Fortifications don't need to fight \ they need to make fighting not worth it. That's what Bitcoin does. And it does so without violence, borders, or centralized control. It is defense via consensus, enforced by physics, not by politics.

In a world increasingly dependent on digital infrastructure, Bitcoin may be the first and only tool that allows individuals, institutions, and even nations to resist control without violence.

The front page of The Times newspaper from Saturday January 3, 2009. The masthead features the title 'THE TIMES' with the Royal Coat of Arms above it. The price is £1.50. The main headline reads 'Eat Out from £5' with a sub-headline 'More than 900 great restaurants, including four Gordon Ramsay favourites from £15'. Below this is a photograph of a dish. A dark banner at the bottom says 'Start collecting tokens today Pullout Inside'. The main news story is 'Israel prepares to send tanks and troops into Gaza' with a large photograph of a tank driver looking out over a field of tanks. A caption below the photo states 'Israel allowed foreigners to flee the Gaza Strip as it prepared for a ground offensive. At least 430 Palestinians were killed in a week of airstrikes.' The page also includes several sidebar articles: 'Michael Sheen Frost, Nixon and me' (Magazine), 'Working mums So that's how she does it' (Body & Soul), 'Detox in style The best spas on the planet' (Travel), 'Salmon Rushdie I Won't Marry Again' (Pages 22, 23), and 'Giant Killing? Guide to the FA Cup Third Round' (Sport). A small inset shows a pub interior with a sign reading '99p Pub chain cuts the price of a pint from £1.69 to 1989 levels' (Business, page 47). The bottom right corner of the page is red.

Maybe Satoshi was making a broader statement in the genesis block.

Look at the cover again.

# THE\_YEAR\_IS\_2045

## SKIES HUM

The sky is a permanent grid of surveillance drones running AI so advanced it doesn't just recognize you; it **anticipates** you.

Sidewalks are pressure-sensitive. Smart dust tracks motion. Neural nets whisper predictions about your next purchase, your next protest, your very next action. They even know when you are taking a dump, reconstructing movement, posture, and location - even through walls, using nothing but Wi-Fi signal phase shifts.

The war for sovereignty isn't coming. It's already been raging for over a decade. If you're still holding your own keys and still off-grid, you're the last of a dying breed - a priced target in the panopticon.

But targets can vanish.

Sometimes.

**Disappear from AI** - @hybridbits



**By 2045**, every citizen of a "stable democracy" is indexed in the Global Behavioral Ledger. The EU, WEF, and ID2020 have all pushed for biometric identity as a "human right". Palantir helps run the back-end systems. Oracle handles the data pipes. BlackRock advises the policies.

The GBL is a living AI-powered identity network built from biometric markers, DNA, and behavior signatures harvested 24/7 from birth. More than a credit score. Minority report type of shot.

In 2045, every human action is monetized through a web of invisible, automated microtransactions. Enter a building? GBL 0.002 is silently deducted. Glance at an ad for more than 400 milliseconds? That's GBL 0.0005, and a record of your interest is added to your behavioral profile. Walk through a high-foot-traffic area during peak hours? That's another GBL 0.007 congestion charge, dynamically adjusted in real time you filthy gentile. Whisper "Behavioral taxation" in a ear of a globalist and he will cum and piss in his pants.

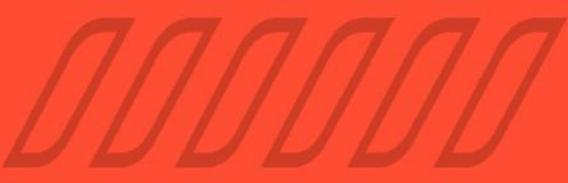
Don't believe this? After Snowden and the NSA? After Facebook? ShotSpotter, Fusus, PredPol, and Palantir's Gotham system already deployed in dozen of U.S cities and now globally licensed. It's Psycho Pass, my dude. These systems use live surveillance + AI to predict and preempt crime based on behavior, location, and association.

Pause for too long in front of an unauthorized protest? Your trust score may take a hit. Move outside "normal hours," or associate with flagged individuals? You're scored, profiled, and sometimes "visited." If you post about freedom? You might be "de-amplified." If you criticize state actors? You might be flagged for "emergent radicalization." If you use privacy tools? You might be scored for "**pre-criminal suspicion**." Shout out to my UK stackers, they know this very well by now. The UK's PREVENT program, US DHS memos, and EU anti-disinfo coalitions are already in execution.

Keywords for the next decade: (((behavioral engineering, behavioral taxation, pre-crime, biometric identity, non-invasive surveillance)))



## BE\_OFF\_GRID



hi  
feds!!

**The best way to disappear is to never have existed in the system.**

You start by severing ties with the CBDC ecosystem. Not only refusing to use digital dollars or the euro token; it means avoiding any transaction that touches a CBDC rail. Because you can't just "opt out"; the moment your biometric or device ID touches a compliant terminal, it's over, the system knows you exist. You probably won't be able to escape, but try as hard as you can.

Avoid smart cities entirely. Every transaction in them feeds CBDC telemetry models. You've seen the propaganda: safe cities, efficient services, fast travel, free basic income, bla bla bla. It all sounds great, normie paradise, but it's the ultimate cage.

### Autonomy of: food, energy and communication

Being off-grid isn't one decision. It's a way of living. Constantly aware that the machine is watching for edges, anomalies. If you secure the 3 off-grid pillars, you will be very hard to track.

**Food:** Grow, raise, forage. Heirloom seeds. Perennials. Animals that don't require regulated feed. Indoor microgardens are also an option. Avoid state-licensed agricultural supply chains. If you can feed yourself of your own land, you cut most of the need to transact. Even if you transact with someone using Bitcoin, if they have contact with CBDCs, your existence can be deduced.

**Energy:** Solar, wind, hydro; but stealth-built, analog if possible, to avoid thermal or RF signatures. Today there is no excuse not to have a solar panel, even a small one. Backup: wood gasification, pedal generators. Control your energy profile, energy will be way more important than it is today.

**Communication:** Any form of communication that doesn't rely on traditional public infrastructure like cell towers or the internet is good. No cloud. No ID-linked devices. Use mesh radios (LoRa, packet radio), coded language. Communicate without being recorded.

If you must use the internet in 2045, cryptography is non-negotiable. Never trust convenience apps - **encrypt before transmission**, and always offline, using tools like PGP, Age, or Veracrypt on an airgapped device, and transfer via secure media (eg. USB with write switch). Route uploads through Tor over Tails, ideally using spoofed MAC addresses on public networks. Use forward secrecy. Keep private keys offline and rotate identities often.

tagging sites). Deploy cheap RF jammers (they really cheap, get a lot of them), ultrasonic disruptors, or pulsed LEDs to blind sensors. Run signal spoofer beacons to emit false GPS or Bluetooth signals from trash hardware.

**3 - Wear face distorters: LED masks, adversarial makeup and masks, polarized fabrics.** Travel in groups wearing near-identical outfits, basic black block stuff. Spam QR codes on walls, screens, and signs, that link to dead links, AI traps, or encrypted payloads. Point laser pens or strobe lights at drones and cameras. The machine needs clarity, continuity, and patterns.

Deny it all three.

## fire\_against\_fire

**For the ones that want to actively fight, protest and disrupt.**

**1 - Go dark, kill your digital avatar.** Never post about your real self online. If you post, do it as someone else, from somewhere else, for a completely different purpose. Create multiple disinfo shadows.

**2 - Digital vernalism. Poison your local AI model! Scramble sensors.** Auto-generate fake data and use bots to spam biometric, location, and identity DBs, with noise. Fill surveillance platforms with junk faces, fake IDs, decoy heatmaps. Inject wrong labels into open datasets (crowdsourced training data, CAPTCHA farms, image

Deny it all three.

