The first 13 years of

Blockchain Name Systems

By **Neiman**

Peer to peer websites

Peer to peer websites

ESTEROIDS

Citadef

Almonit

ENS DAO

DWeb Services Beta

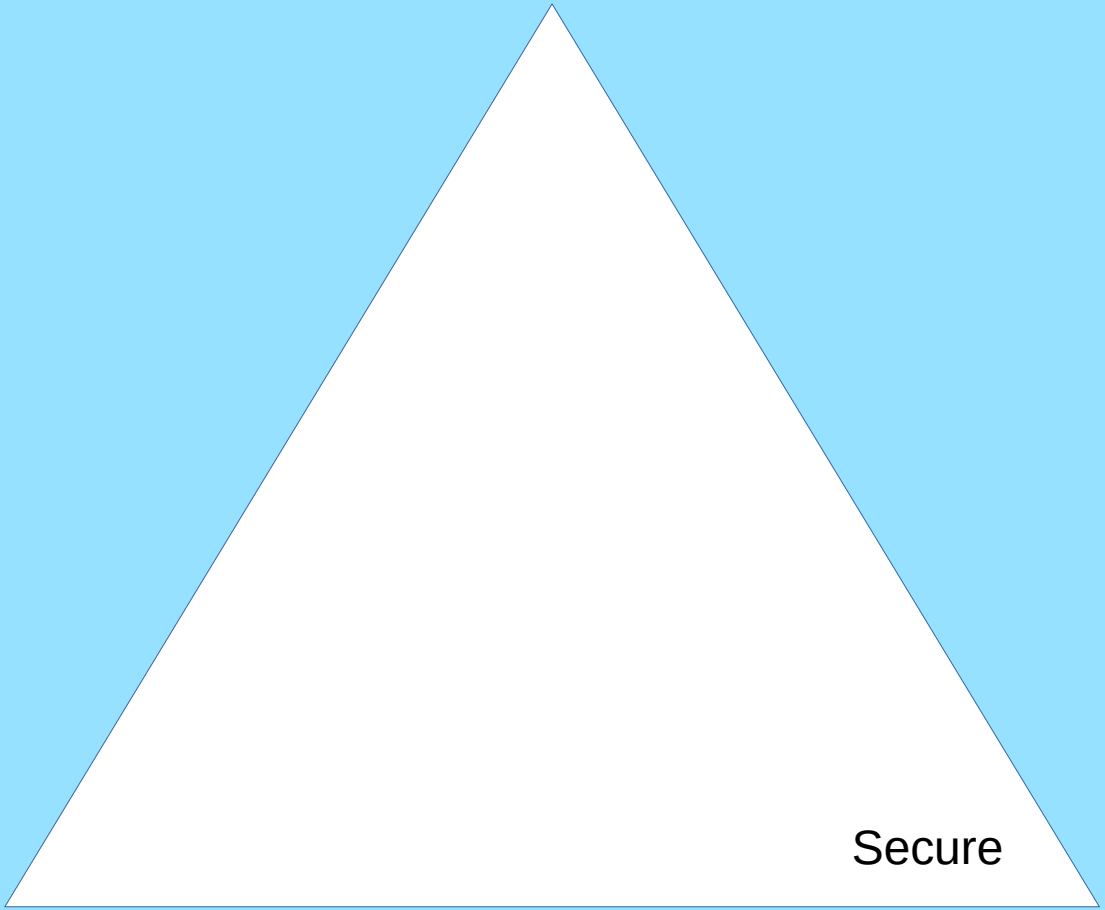
2001

version 0.9.1, 2001-10-12

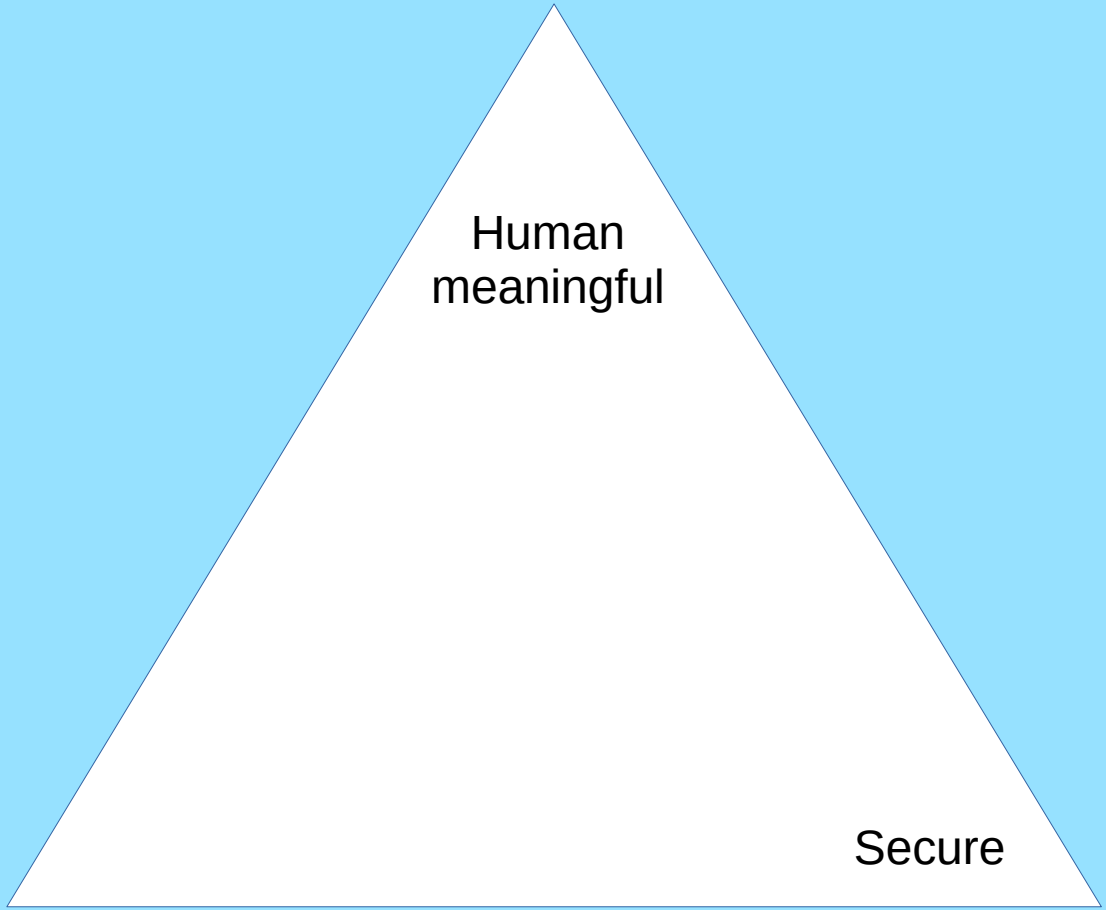
Please do not propagate this information widely yet. I'm still working on it.

Zooko’s Triangle (2001)

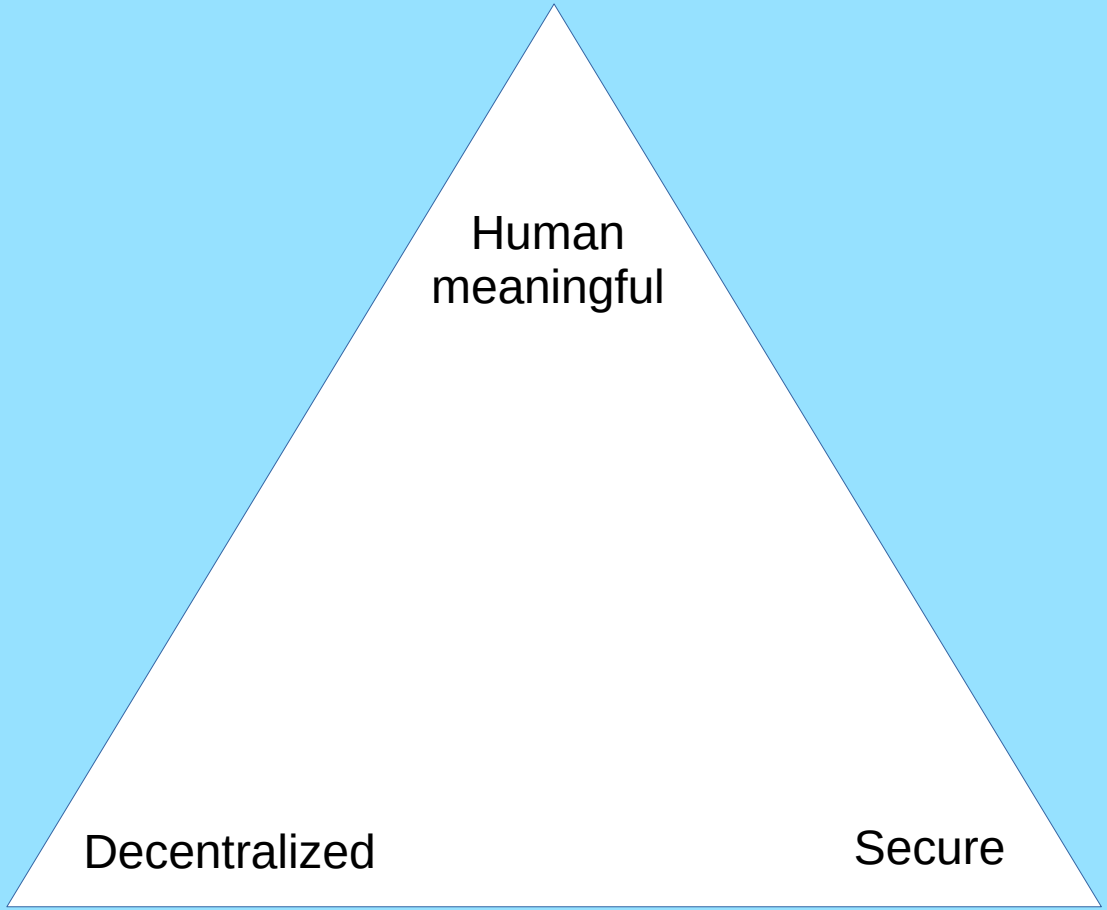
Zooko’s Triangle (2001)



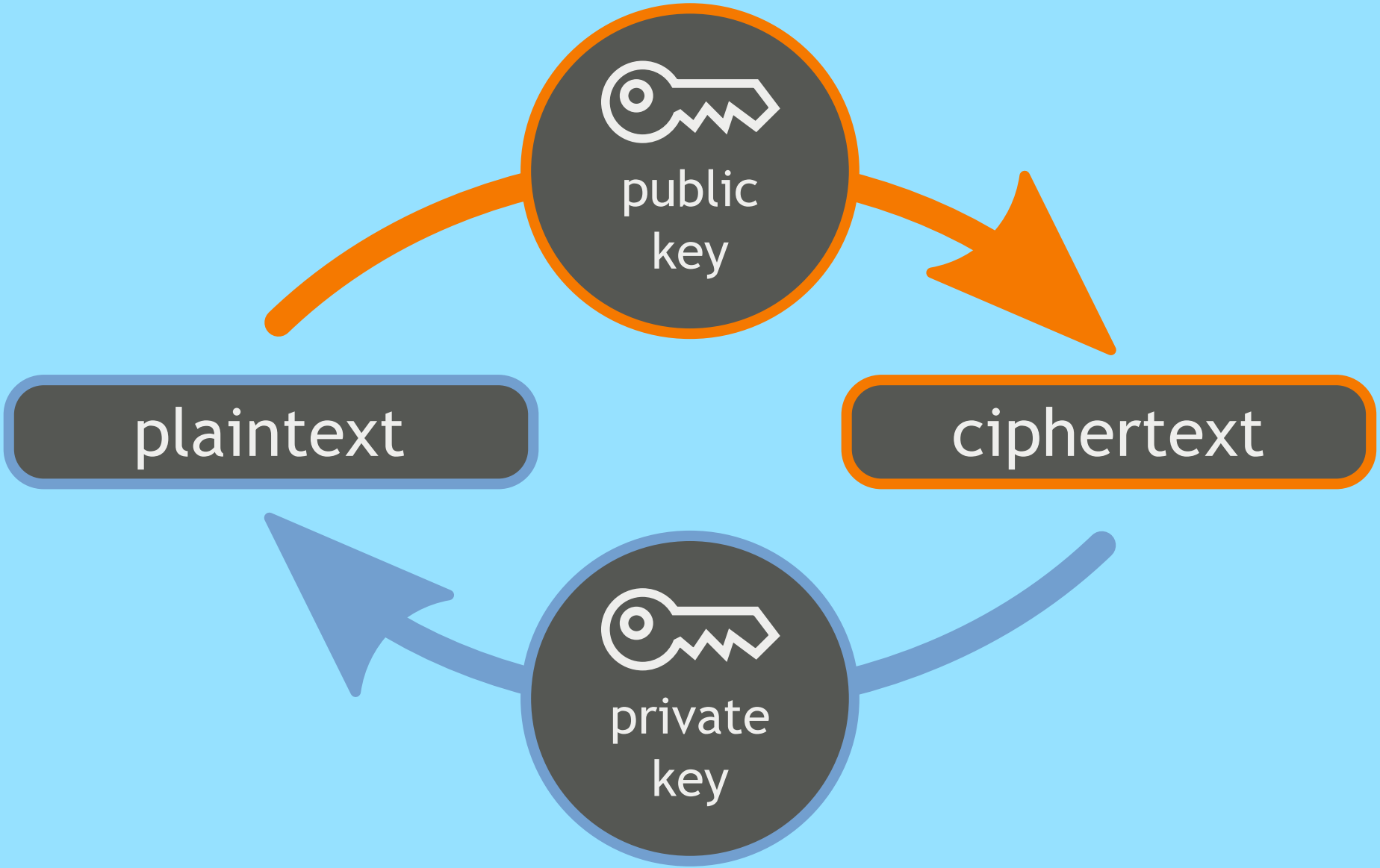
Zooko’s Triangle (2001)



Zooko’s Triangle (2001)



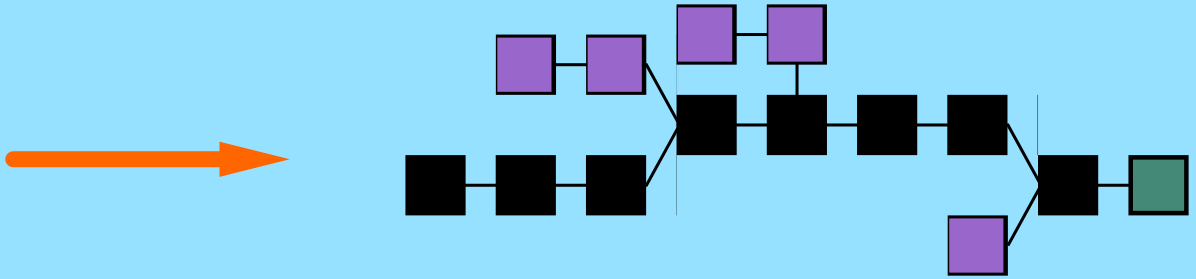
DNS


public
key
plaintext
ciphertext
private
key

PASSPORT
E PLURIBUS UNUM
United States
of America

2009

Name

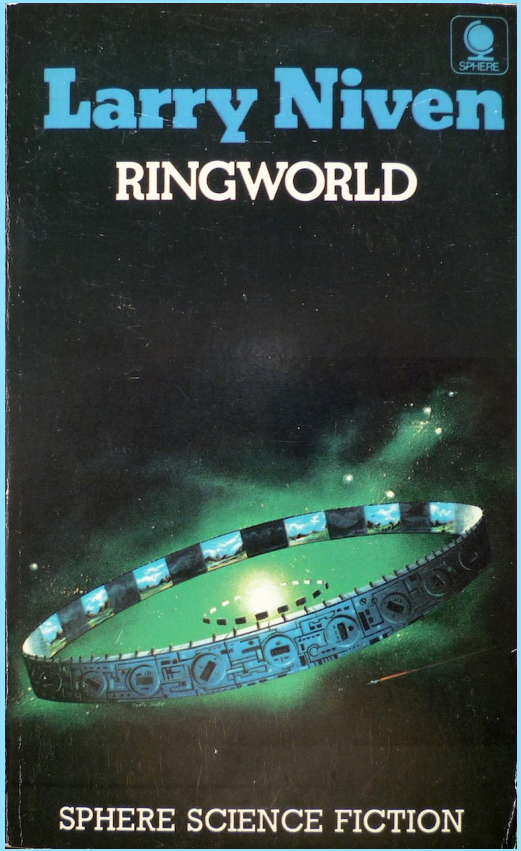


Blockchain

=

Big Dumb Object

Big Dumb Object



namecoin

2011

Interesting Trivia Details

- Names: 255 bytes on chain

Interesting Trivia Details

- Names: 255 bytes on chain
- No subdomains

Interesting Trivia Details

- Names: 255 bytes on chain
- No subdomains
- Names spaces: d/example id/example

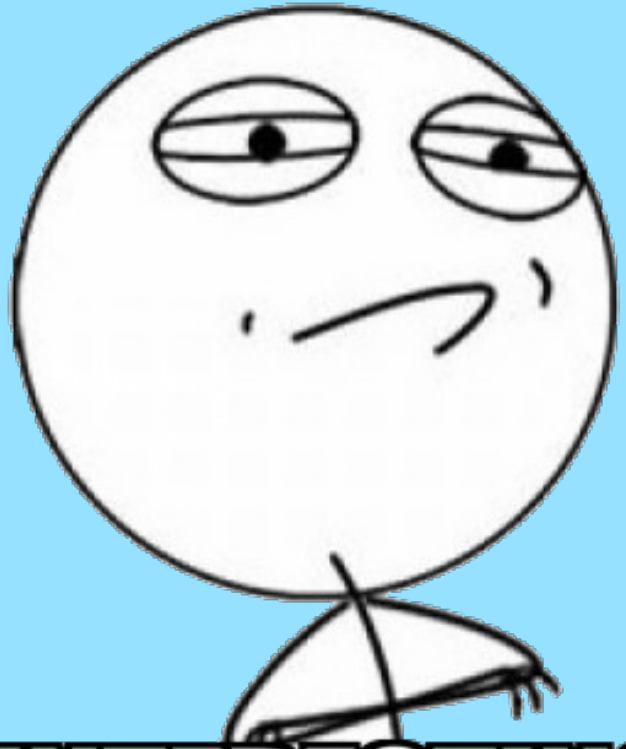
Interesting Trivia Details

- Names: 255 bytes on chain
- No subdomains
- Names spaces: d/example id/example
- Cost: 0.1 NMC

Interesting Trivia Details

- Names: 255 bytes on chain
- No subdomains
- Names spaces: d/example id/example
- Cost: 0.1 NMC
- Atomic name swap

HMMM



INTERESTING

Historical Snapshot - 28 April 2013

Market Cap: All

Price: All

Volume (24h): All

USD

Next Week → | View All

Rank	Name	Symbol	Market Cap	Price	Circulating Supply	% 1h	% 24h	% 7d
1	Bitcoin	BTC	$1,488,566,971.96	$134.21	11,091,325 BTC	0.64%	--	--
2	Litecoin	LTC	$74,637,021.57	$4.3484	17,164,230 LTC	0.80%	--	--
3	Peercoin	PPC	$7,250,186.65	$0.3865	18,757,362 PPC	-0.93%	--	--
4	Namecoin	NMC	$5,995,997.19	$1.1072	5,415,300 NMC	-0.05%	--	--

Latest NMC Blocks | Rich List | Top Wallets | Overview | Extraction | Network | Markets | News | About Namecoin

Block Height	Age	Transactions		Value Out	Difficulty	Extracted by
703727	1 hour 22 minutes	1	*1.2 kB*	6.25 NMC	47.10 T	nc1q2ml905jv7...
703726	1 hour 25 minutes	1	*1.2 kB*	6.25 NMC	47.10 T	MyCVt4r9666o7...
703725	1 hour 37 minutes	1	*1.2 kB*	6.25 NMC	47.10 T	nc1q2ml905jv7...
703724	1 hour 38 minutes	1	*1.1 kB*	6.25 NMC	47.10 T	nc1qkvg5aakqn...
703723	1 hour 53 minutes	2	*1.9 kB*	13.82797072 NMC	47.10 T	nc1q2ml905jv7...
703722	2 hours 15 minutes	1	*1.2 kB*	6.25 NMC	47.10 T	nc1q2ml905jv7...
703721	2 hours 26 minutes	1	*1.2 kB*	6.25 NMC	47.10 T	Mx3Eb7DSuMq3m...
703720	2 hours 28 minutes	4	*361.9 kB*	90,009.52673209 NMC	47.10 T	NDGh9jR3DYxKK...

Why did it fail?

2016

2016

ENS announced

Auctions

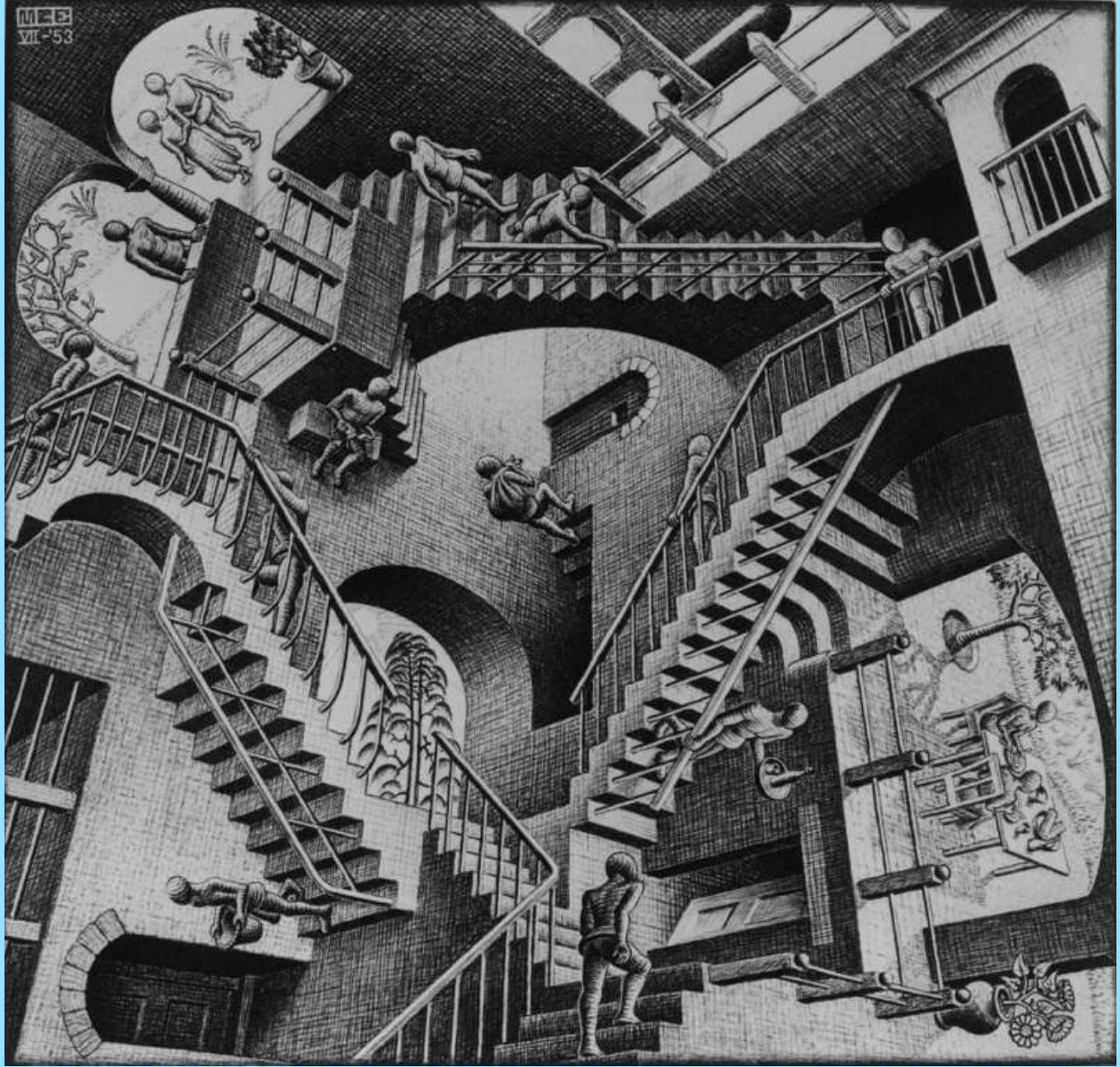
Updates

2017

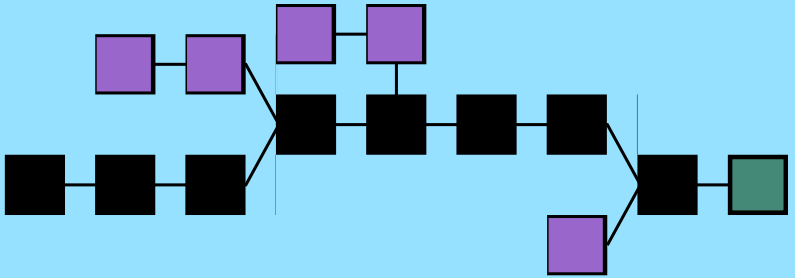
ENS temporary registrar

2018

Handshake announced


MCE
VII-'53

Step backwards



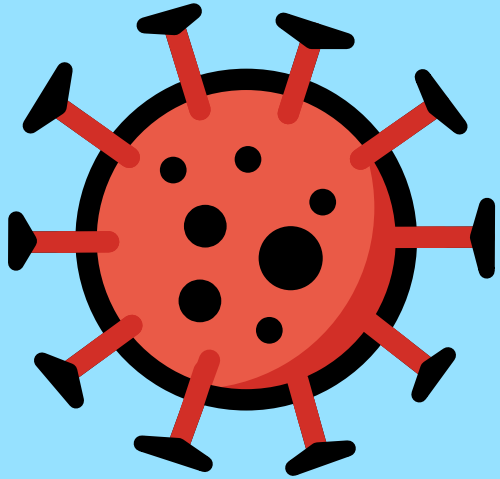
Step forward 1: short proofs

Step forward 2: gift economy

Step forward 3: auctions

2020

Covid launched



2020

Handshake launched

ICANN

Namecheap bought a Handshake domain for $750k

Andrew Allemann 12 Comments March 18, 2022

Domain auction concludes with bid valued at $750,000.

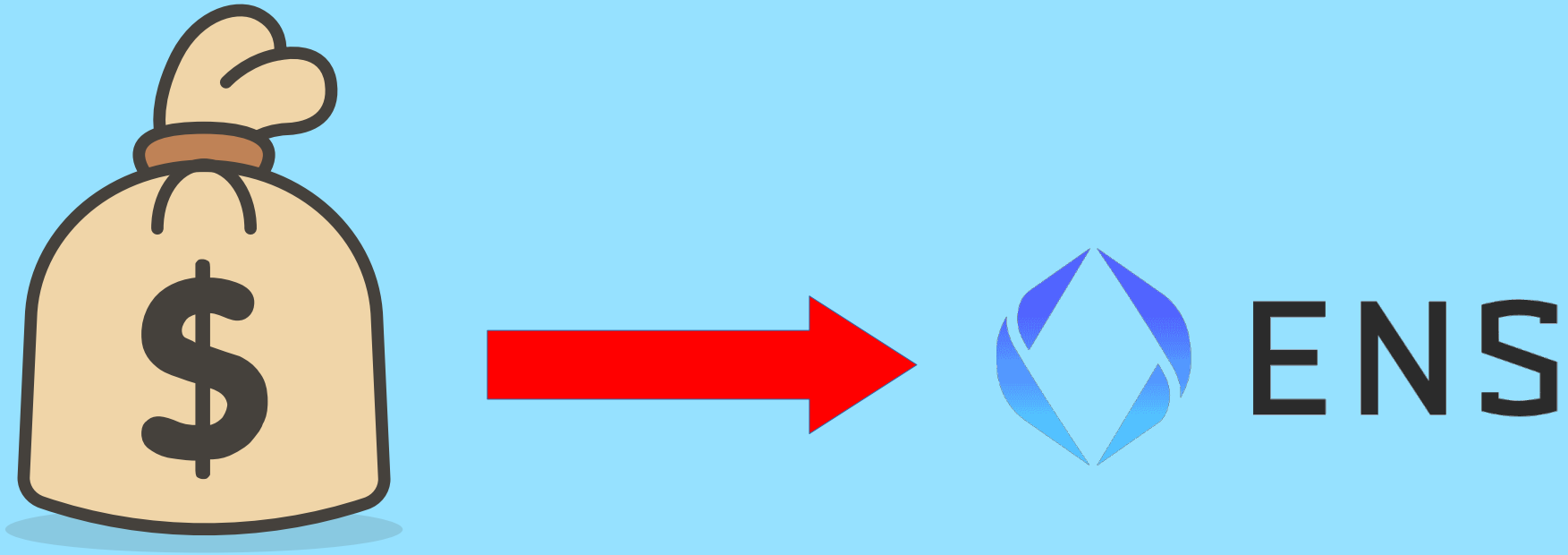
Tech

Sci-Hub Leaves Handshake Blockchain After 2 Days, Citing Centralization Concerns

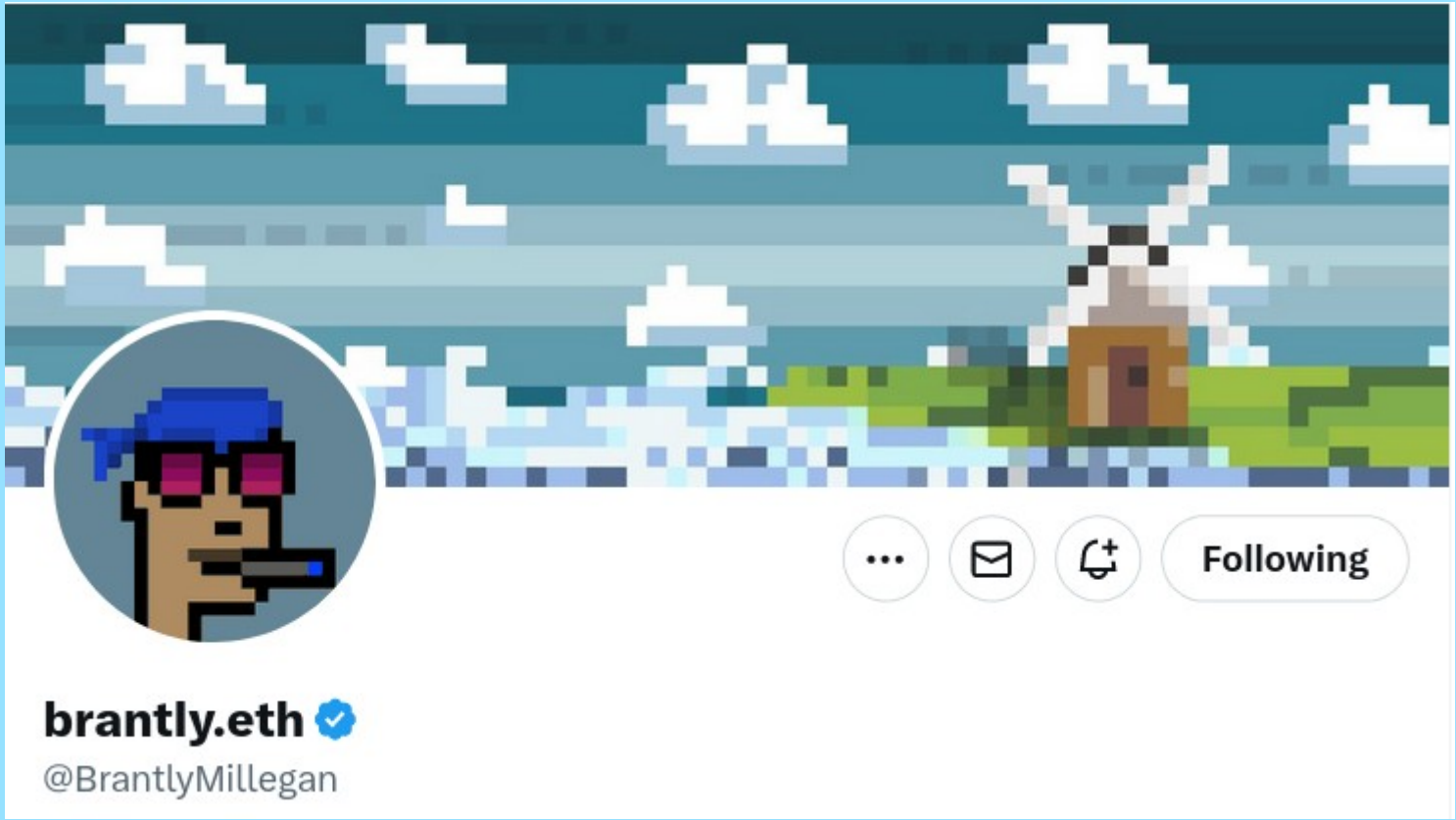
Sci-Hub, a pirate library of academic papers censored by Twitter, PayPal and domain systems, left the distributed domain platform Handshake after two days, unsatisfied by the level of decentralization.

2019

ENS Permanent registrar


ENS

ENS = Web3 ID



ESTEROIDS

HOT NEW Connect

A search engine for the decentralized web

Search dWebsites

.eth websites bot

Tweets daily new .eth websites

November 2021

ENS DAO

Distribution

Community Treasury
50%

Core Contributors [11]
18.96%

Launch Advisors [2]
0.58%

Future Contributors
1.25%

External Contributors [17]
1.29%

Translators [13]
0.05%

Select Integrations [54]
2.50%

Keyholders [10]
0.25%

Active Discord Users [>400]
0.125%

Airdrop [>137k]
25%

Proposal metrics

Delegated token / Total supply
4M ENS / 100M ENS (4% delegation)

Quorum
1M ENS (1% of supply)

Proposa
100K E

All Proposals

Proposal by avsa.eth [EP5.2] [Executable] Commence Streams for Service Providers	Status Executed	1.4916M Fo
Proposal by nick.eth [EP5.1] [Executable] Upgrade DNSSEC support	Status Executed	1.5264M For
Snapshot Proposal 2024 Public Goods Working Group Steward Election	Status Closed	Voting e
Snapshot Proposal [EP4.10] [Social] Proposal: Transfer ENS Root Key Ownership to th...	Status Closed	Voting e
Snapshot Proposal [EP4.9][Social] Select providers for EP4.7 streams	Status Closed	Voting e
Snapshot Proposal 2024 Ecosystem Working Group Steward Election	Status Closed	Voting e
Snapshot Proposal 2024 Meta-Governance Working Group Steward Election	Status Closed	Voting ended about 2 months ago 8 Choices
Proposal by nick.eth [EP 4.5] [Executable] Endowment permissions to karpatkey - Upd	Status Executed	Voting ended 3 months ago 1.1597M For 177.62K Against

All Proposals

Proposal by avsa.eth
[EP5.2] [Executable] Commence S

Proposal by nick.eth
[EP5.1] [Executable] Upgrade DNS

Snapshot Proposal
2024 Public Goods Working Group

Snapshot Proposal
[EP4.10] [Social] Proposal: Transfe

Snapshot Proposal
[EP4.9][Social] Select providers fo

Snapshot Proposal
2024 Ecosystem Working Group S

Snapshot Proposal
2024 Meta-Governance Working G

Proposal by nick.eth
[EP 4.5] [Executable] Endowment

Closed

[EP4.10] [Social] Proposal: Transfer ENS Root Key Ownership to the ENS DAO

ENS by avsa.eth

Share

Abstract

The ENS DAO has established itself as the key governance entity for the Ethereum Name Service (ENS) and has demonstrated capability and responsibility in ownership of several aspects of the protocol. We now propose the further decentralization of the ENS governance structure by transferring ownership of the ENS root key from the current multisig system (multisig.ens.eth) to the ENS DAO (wallet.ensdao.eth).

Introducing

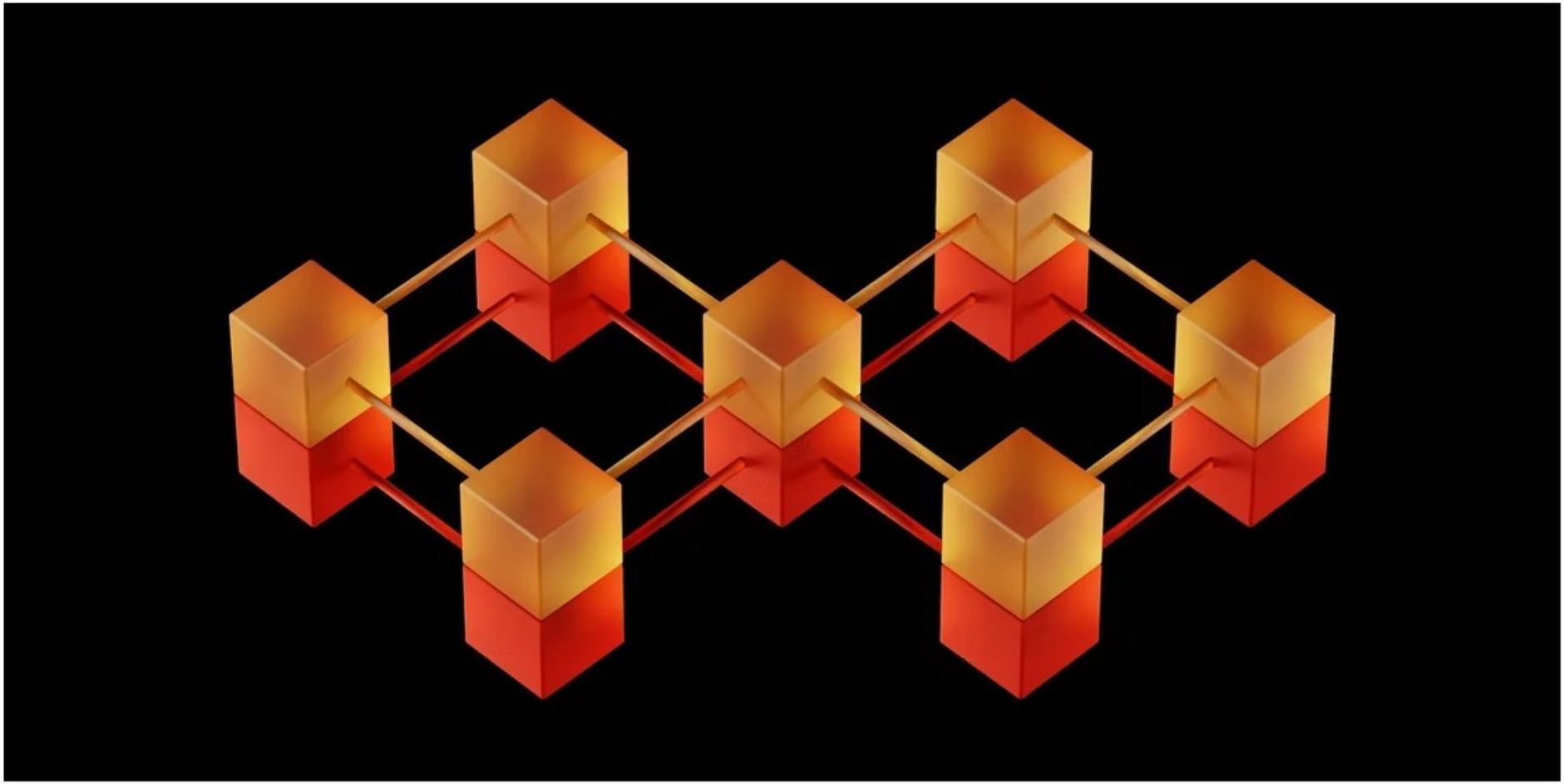
$ENS

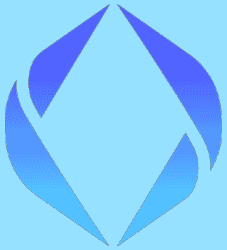
2023

Top 10 Blockchain Domain Name Systems

Web3 is picking up pace, and grabbing a blockchain-based domain name early could be worthwhile.

BY **ELVIS GWARO** PUBLISHED SEP 21, 2023





ENS

- Subdomains
- CCIP: escaping Ethereum blockchain
- Joining ICANN

handshake

unstoppable
domains

2024-2029

- Internet IDs

- Internet IDs
- Social aspects of a name

- Internet IDs
- Social aspects of a name
- Private name system

Thank you!