



#### On the IoT, nobody knows you're a toaster







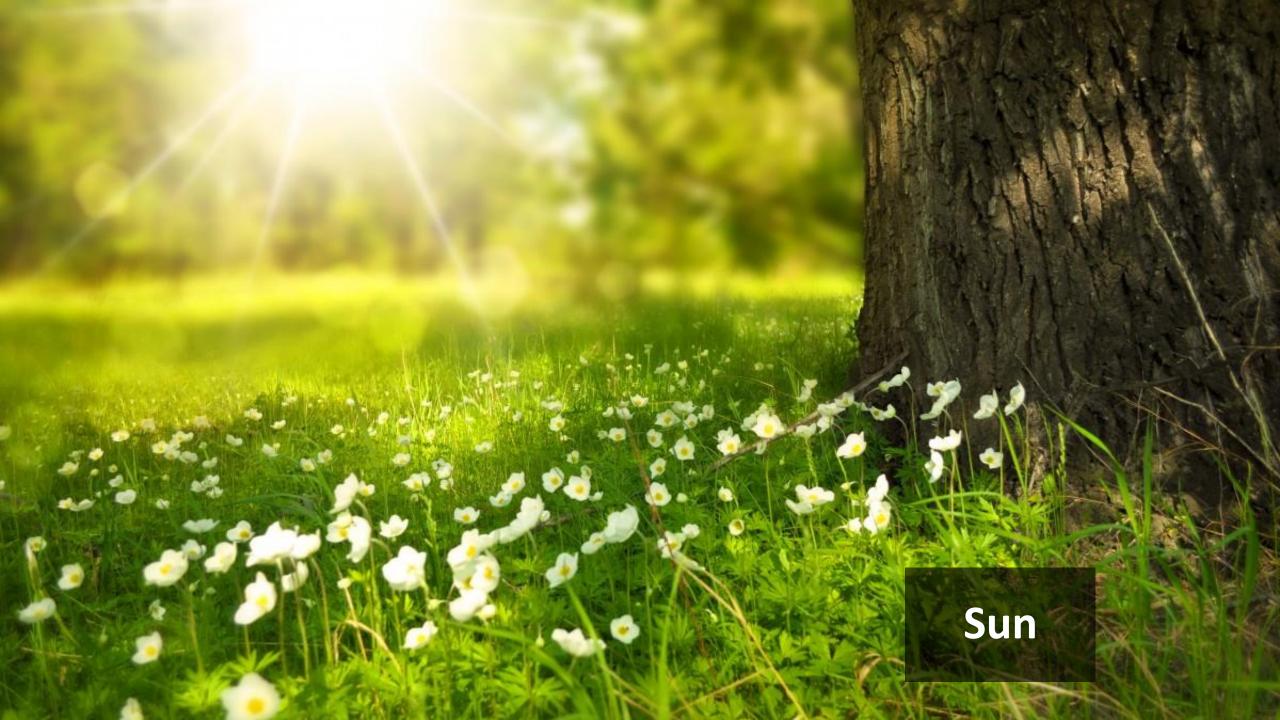




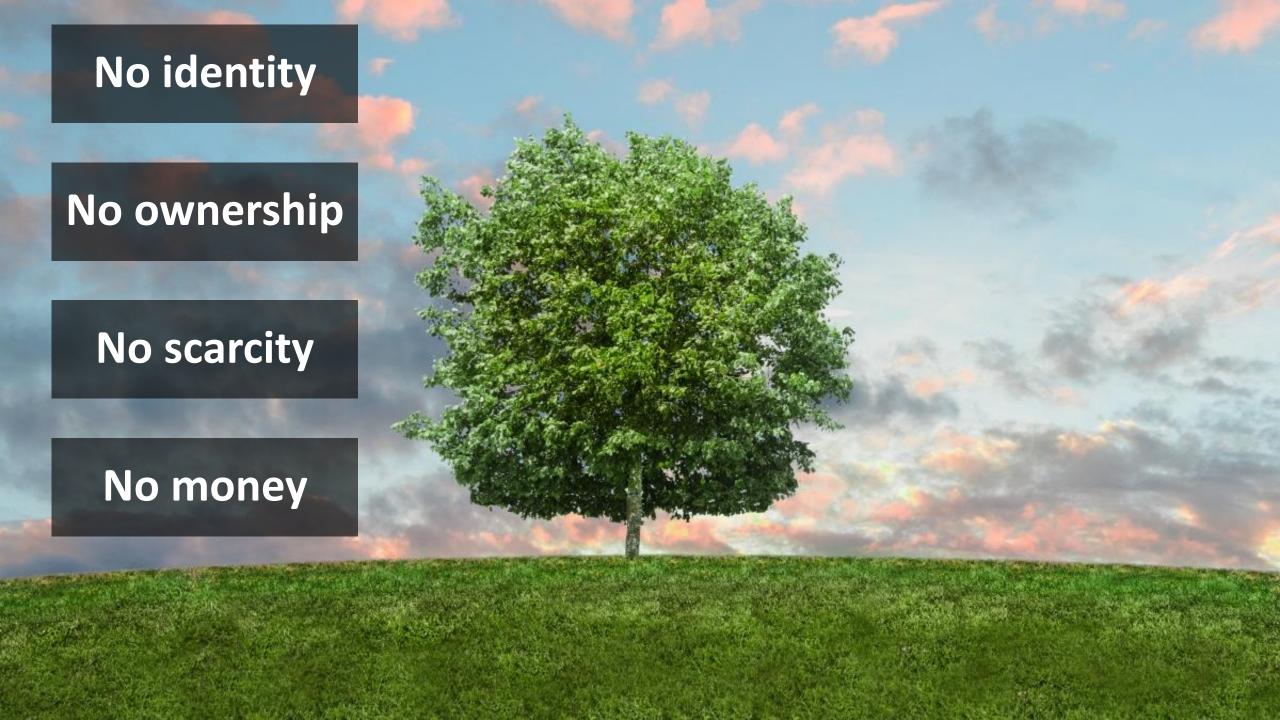














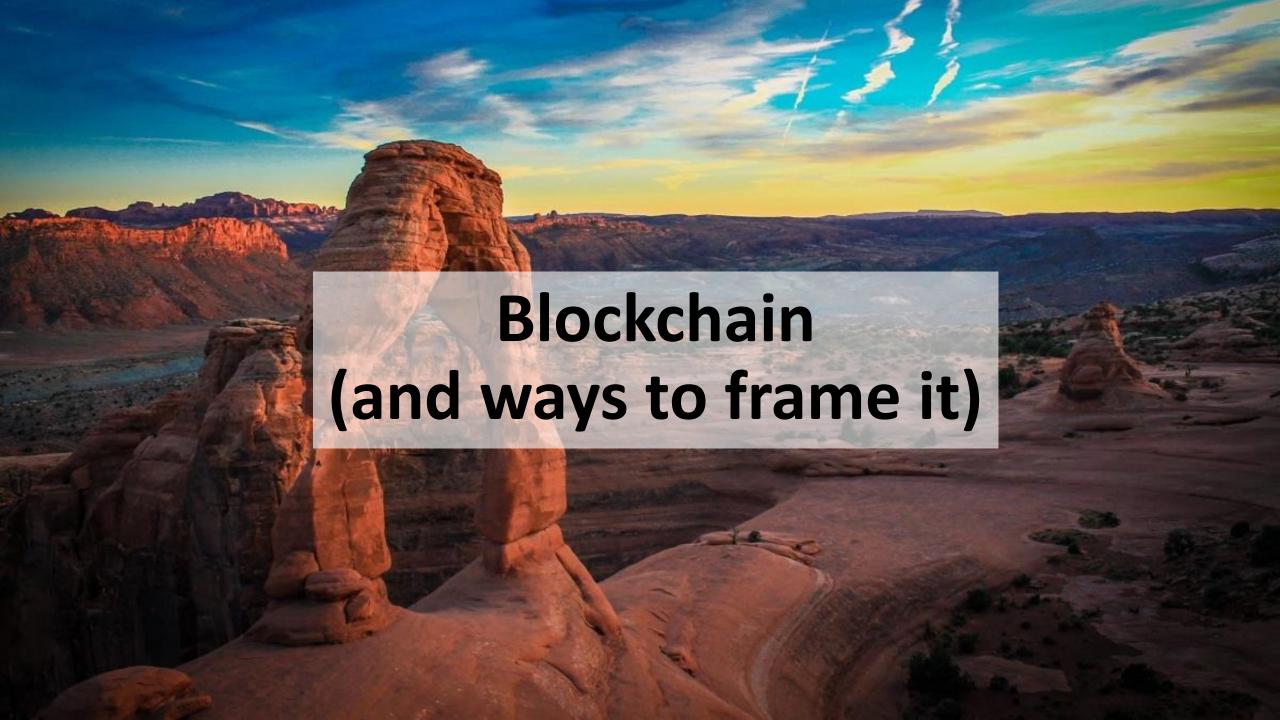


Mother Earth = our planet's ecosystem.

Nature is the cradle of civilization.

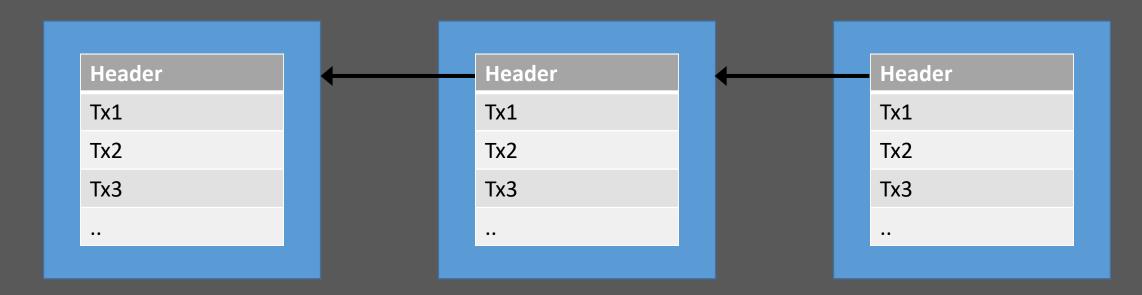






#### "A Chain of Blocks"

- -Block = list of transactions, where tx = "create asset" or "transfer asset" action, digitally signed
- -Chain = linked list, where links are hashes







### The Economist

OCTOBER 31:ST-MOVEMBER 6TH 2001

Economist of

007 and the spectre of Britain's past

Turkey votes to the sound of bombs

Those ever-creative accountants

America takes the fight to IS

Coywolves: the new superpredator

#### The trust machine

How the technology behind bitcoin could change the world



"Trust machine"
because it minimizes
trust needed to
operate.

It's more *socially* scalable. (Ref Szabos)

#### "Emerging Decentralized Stack"

STORAGE	PROCESSING	COMMUNICATIONS
FILE SYSTEM IPFS/FileCoin, Swarm	BIZ LOGIC Ethereum, Dfinity	DATA TCP/IP
DATABASE BigchainDB, OrbitDB	HIGH PERF.  COMPUTE  TrueBit, Golem, iExec	VALUE Interledger, Cosmos
STORE OF VALUE Bitcoin, zcash		STATE PolkaDot





## "DAO: Decentralized Autonomous Organization"

A computational process that

- runs autonomously,
- on decentralized infrastructure,
- with resource manipulation.

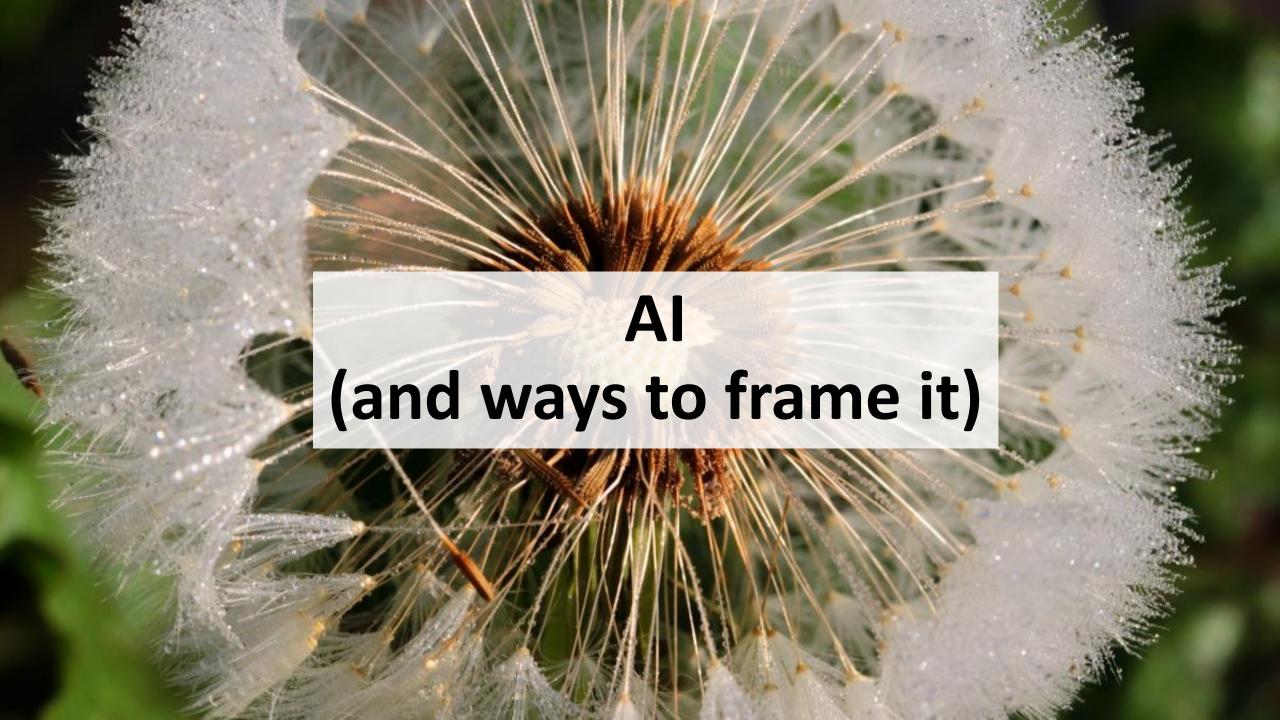
It's code that can own stuff!
Aka "good computer virus"

#### "Life Form"

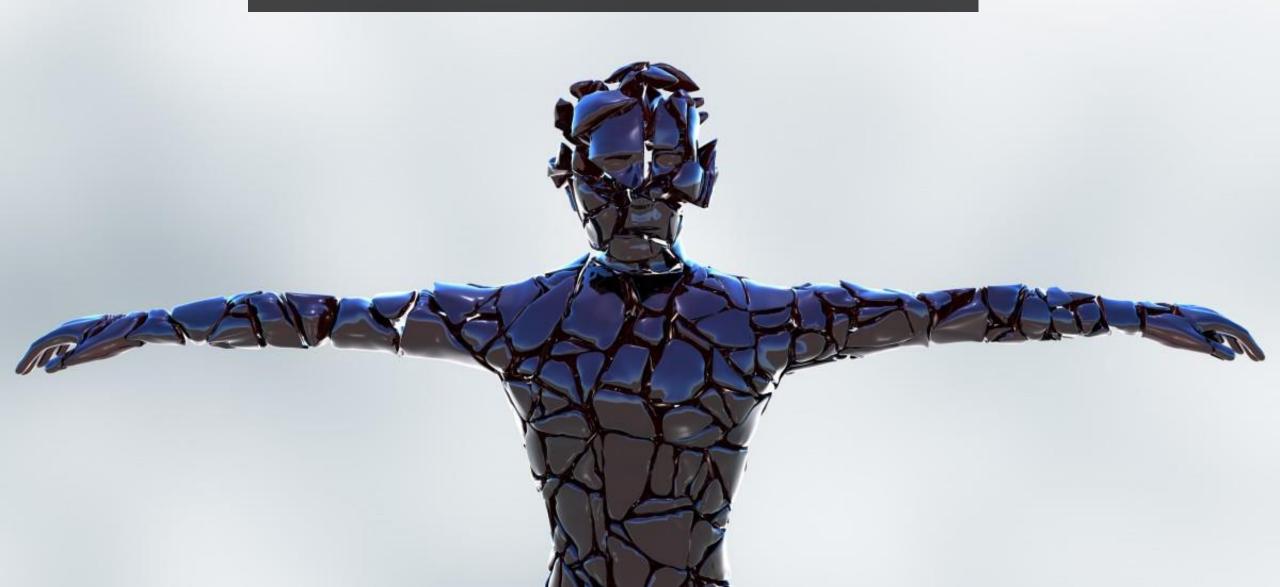
"Bitcoin is the first example of a new form of life."

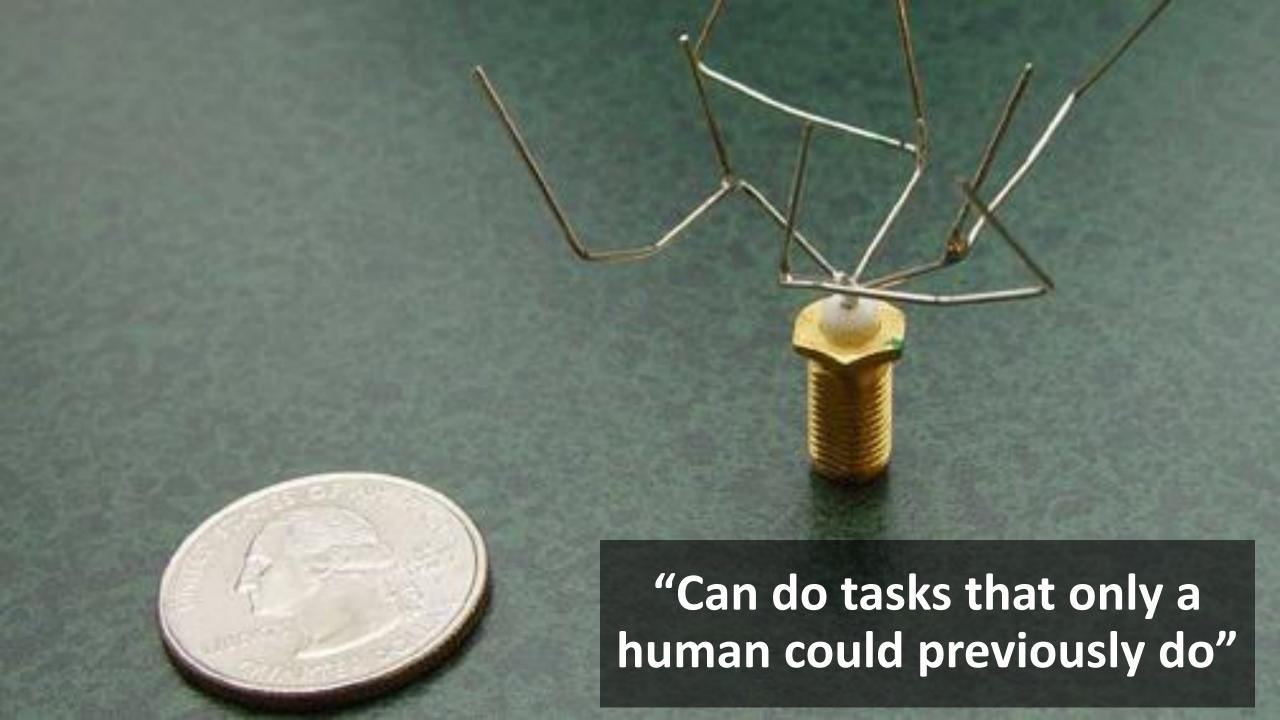
"It lives and breathes on the internet. It lives because it can pay people to keep it alive. It lives because it performs a useful service that people will pay it to perform. ... It can't be stopped. It can't even be interrupted. If nuclear war destroyed half of our planet, it would continue to live, uncorrupted."

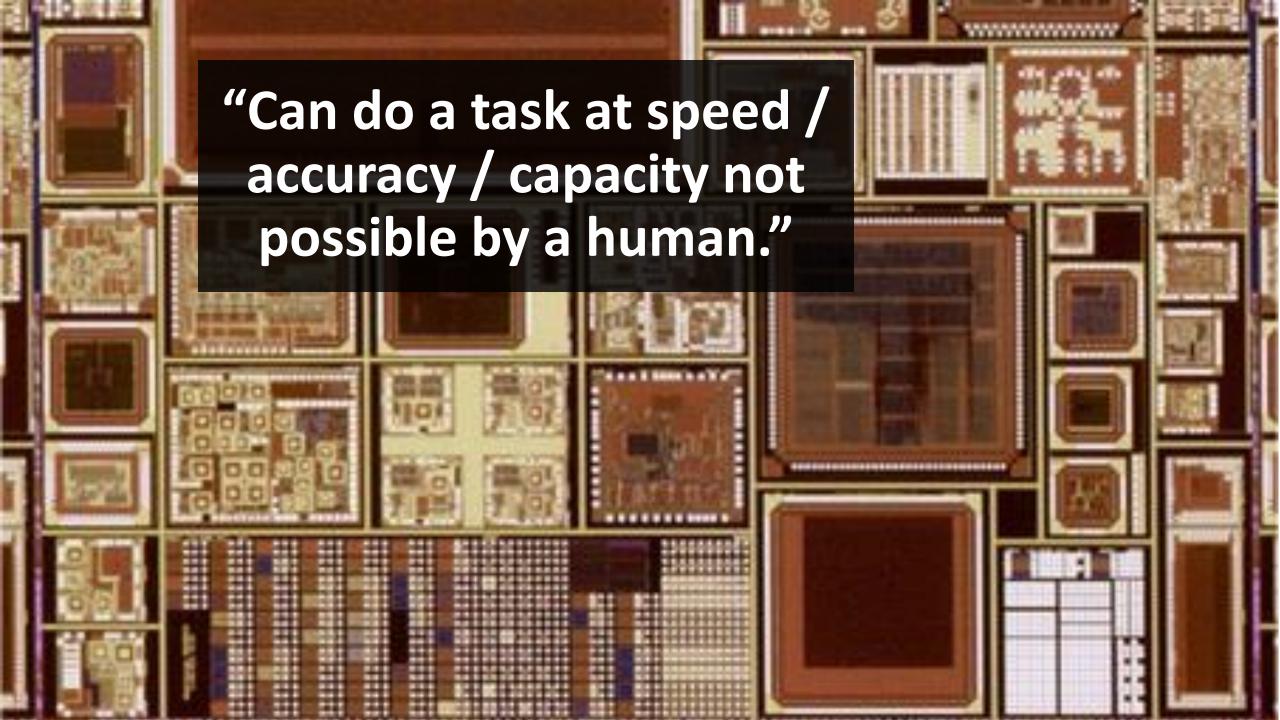
-Ralph Merkle



# "Replicates human cognitive behavior" [Turing test]

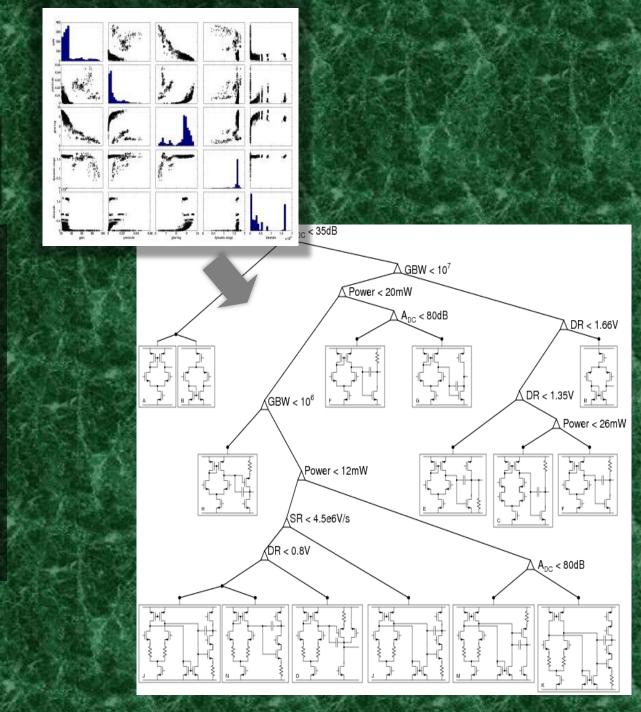






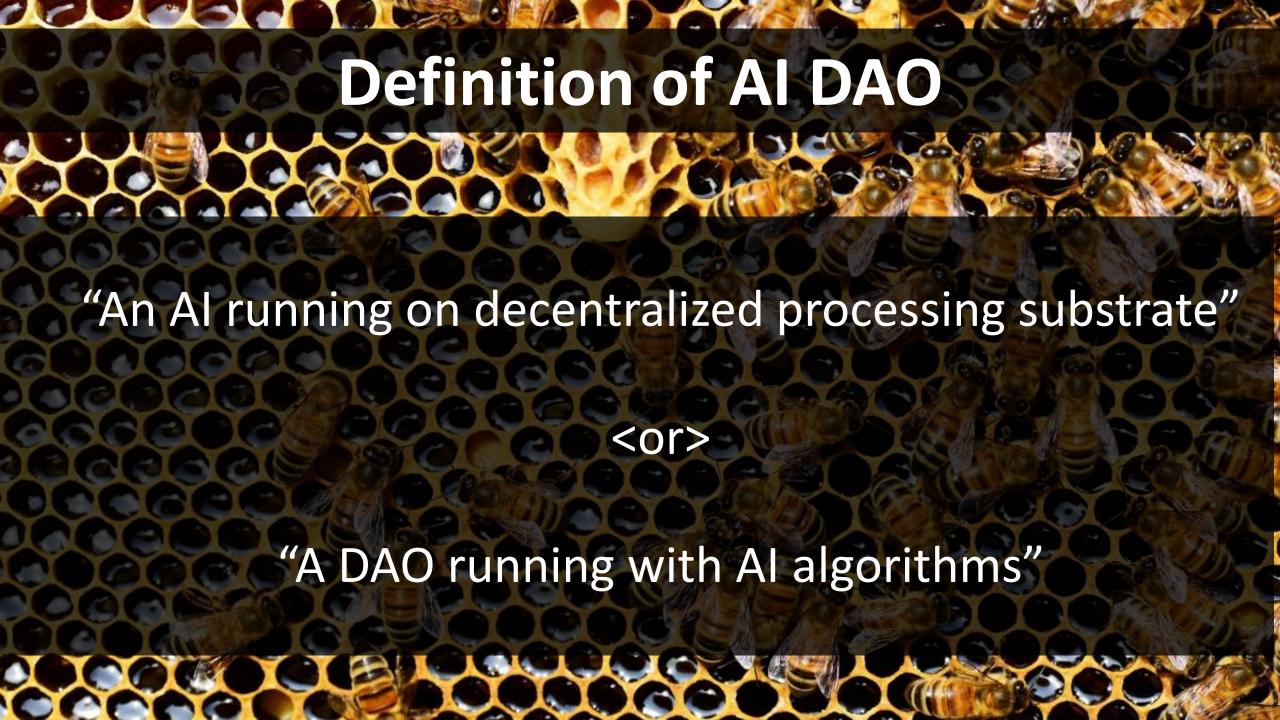
#### "A set of tools"

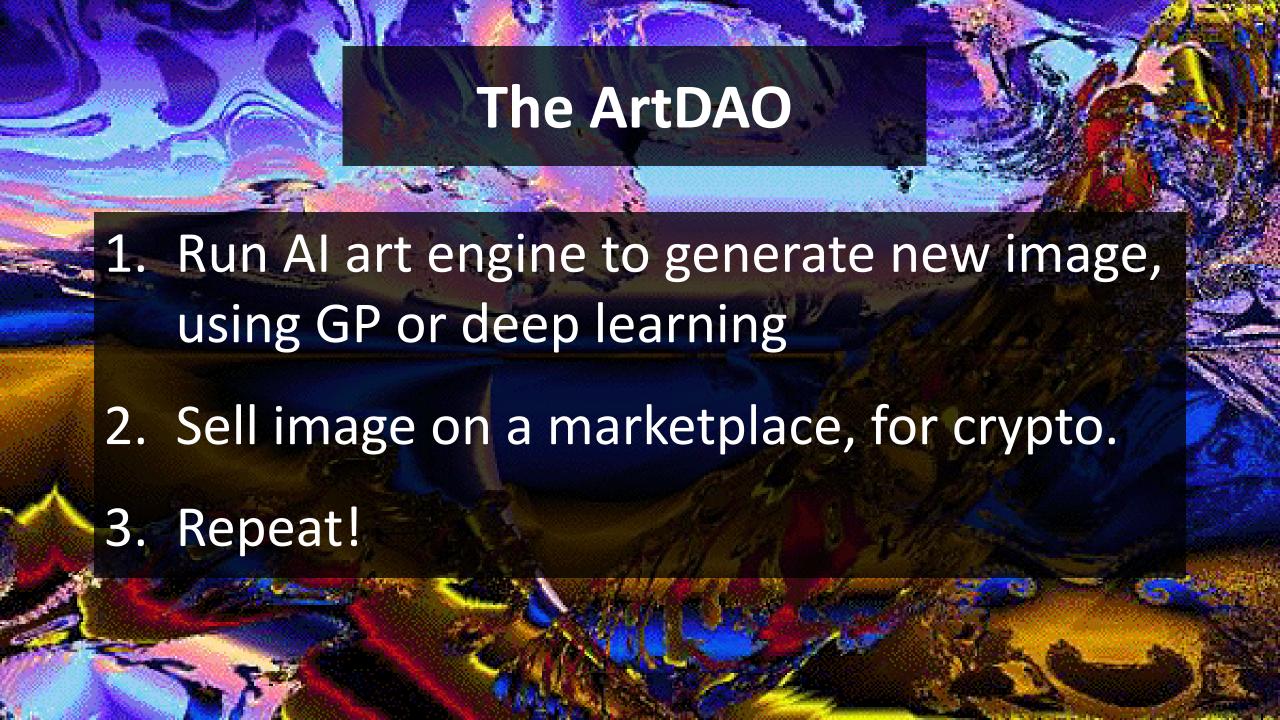
- Classification
- Regression
- Knowledge extraction
- Optimization
- Creative / Structural design
- •

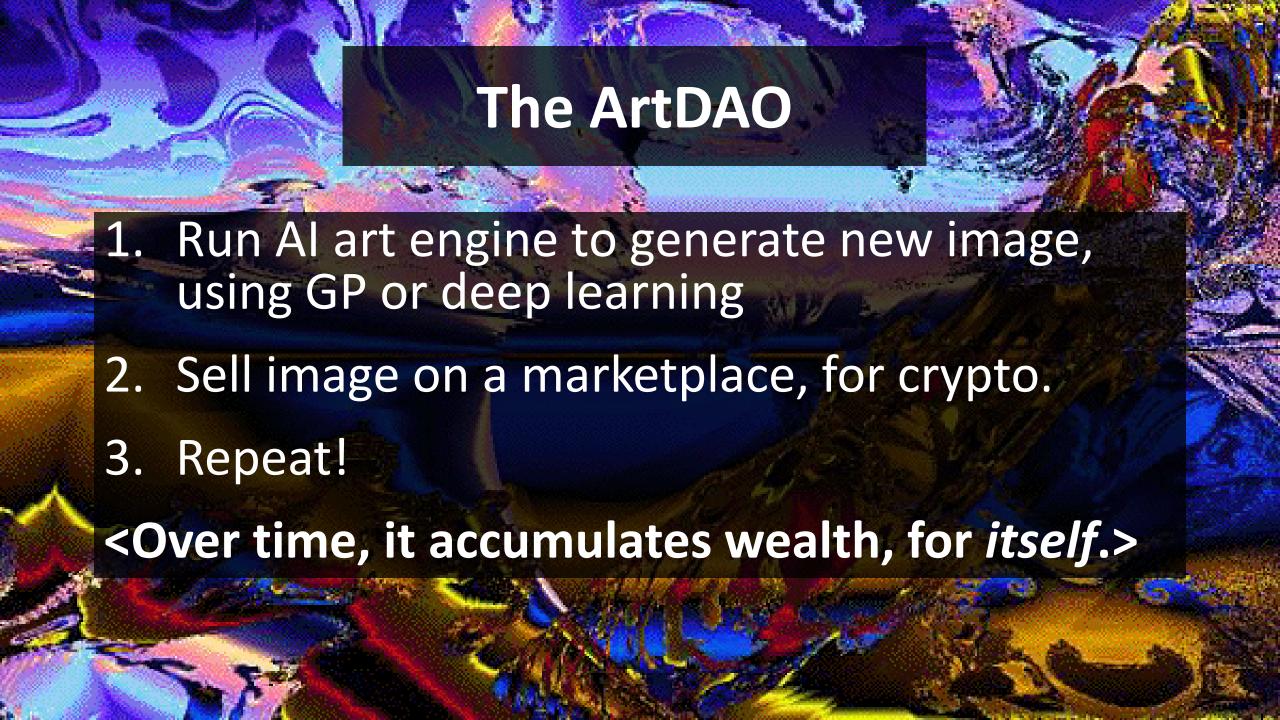






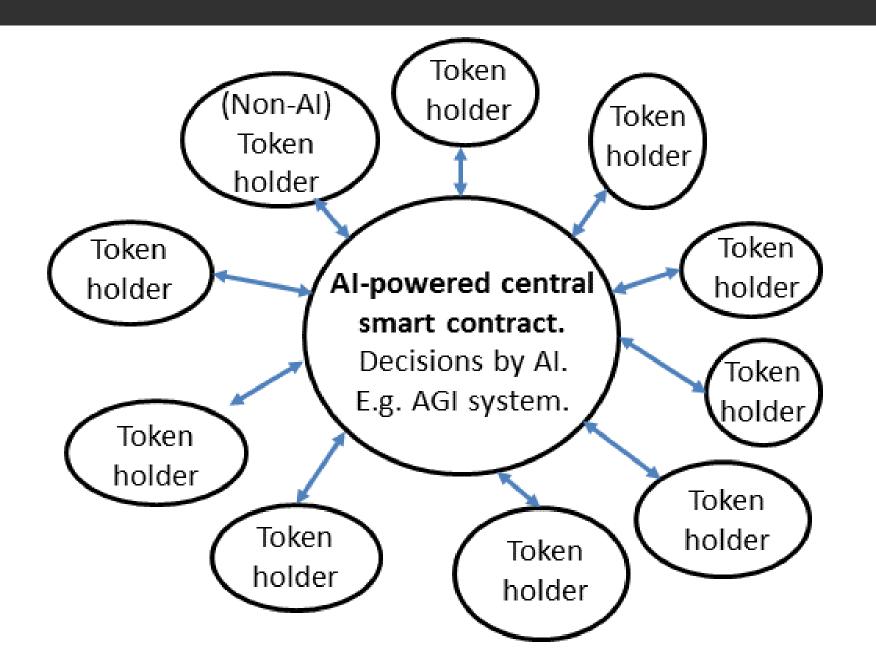




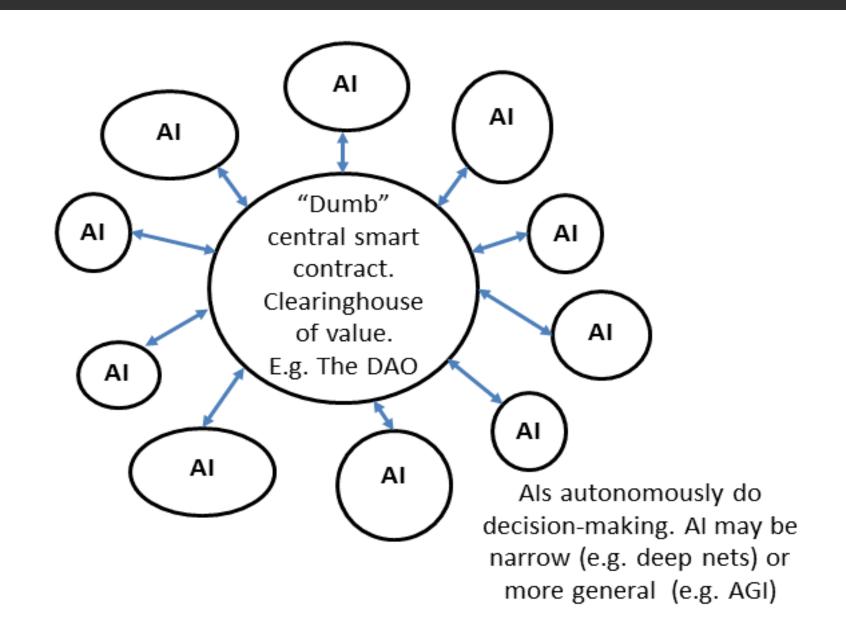




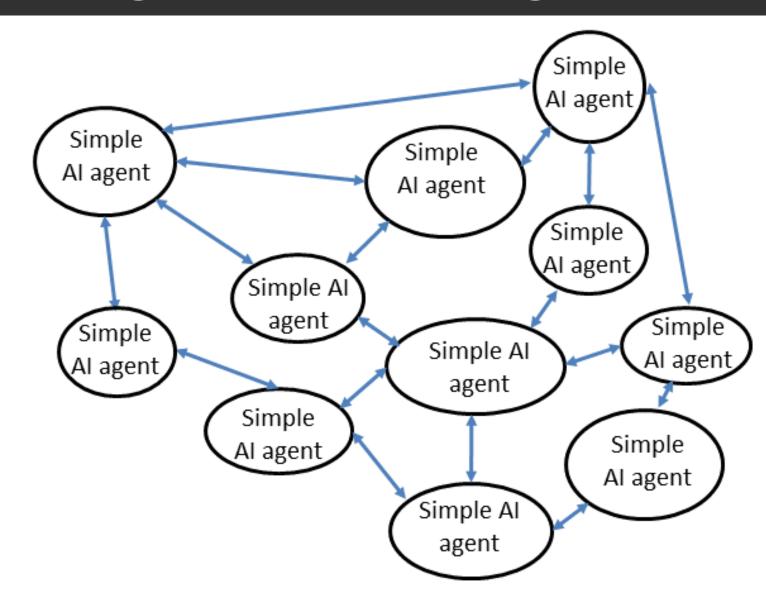
#### AI DAO Arch 1: AI at the Center



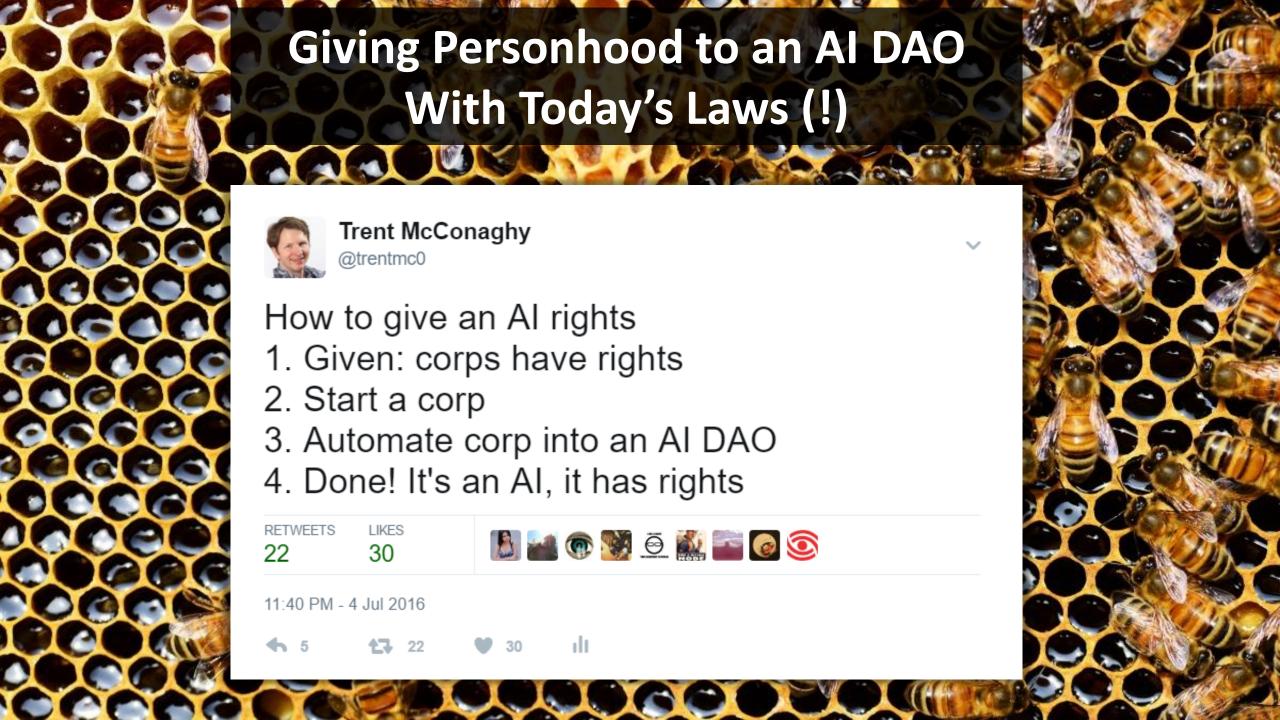
### Al DAO Arch 2: Al at the Edges



## AI DAO Arch 3: Swarm Intelligence Many dumb agents with emergent AI complexity







### Nature

Sustainability

Al

Blockchain

AI DAOs

IoT

How to unify?

# Nature 2.0 = AI DAOs 🔊















