Blockchain

Bitcoin
Crypto-currency market capitalizations
(2016.11.12)

- Bitcoin - $11.3 bln
- Ethereum - $875 mln
- Ripple - $288 mln
- Litecoin - $183 mln
- Monero - $94 mln
- 700+ others - $606 mln

Source of data: https://coinmarketcap.com/all/views/all/
Capitalizations of tokens running on Ethereum are excluded
No-trust model

Crypto / digital signatures

Proof of work

Decentralized
PayPal

Paypal decides the rules/terms
Centralized
Paypal holds you funds

Bitcoin

No trust / consensus
Distributed, no single point of failure
You are the bank
A simple smart contract
You can spend the bitcoin if you can prove that you are the owner of the according private key.
Risks
Deterministic
1 || 0 || 2?
THE DAO IS AUTONOMOUS.

1071.36 M
DAO TOKENS CREATED

10.73 M
TOTAL ETH

116.81 M
USD EQUIVALENT

1.10
CURRENT RATE
ETH / 100 DAO TOKENS

15 hours
NEXT PRICE PHASE

11 days
LEFT
ENDS 28 MAY 03:00 GMT
Example
OpenTimeStamps vs trad. Notarise
Prove that a certain document existed at a certain time

HASH

bf53b24f17e0c7ebeedc8f86c923d0152533178eec9d8db75fd73a0266cc4644

Bitcoin/Blockchain
The Bitcoin Network is 11000x Faster than the Top 500 Supercomputers Combined
My personal hypothesis
Thanks, Q&A?

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