

Blockchain

Draft Presentation

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Blockchain

1. Definition
2. Uses
3. Limits
4. Potential

Blockchain Definition

1. Sequence of structures that ensure integrity of document
2. “Ledger whose entries cannot be faked” -
<https://cointelegraph.com/bitcoin-for-beginners/how-blockchain-technology-works-guide-for-beginners>
3. “Glorified linked list” -
https://www.youtube.com/watch?v=-_Qs0XdPpw8&t=918s
4. “Tiniest Blockchain” -
<https://medium.com/crypto-currently/lets-build-the-tiniest-blockchain-e70965a248b>

Blockchain Uses

1. Authenticity in Medicine
2. Authenticity in Voting
3. Authenticity in Currency

Blockchain Limits

1. Extra time needed for blockchain verification -
<https://www.freep.com/story/money/business/john-gallagher/2018/05/13/bitcoin-blockchain-technology/595577002/>
2. Recent wave of 51% attacks -
https://motherboard.vice.com/en_us/article/a3a38e/what-is-a-51-percent-attack-silicon-valley-bitcoin-gold-verge-monacoin-cryptocurrency
3. General skepticism

Blockchain Potential

1. Decentralized Applications
2. Elimination of Counterfeit Products
3. Elimination of Fraud and Waste in Contracts