Zcash + Ethereum = ❤

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What is Zcash?

science, technology, blockchain, cryptocurrency, community

combinations of properties

block chain properties

    append-only ("immutability")

    canonicity ("single source of truth")

encryption properties

    privacy

    selective disclosure

Why does privacy matter?

an individual value

a social value

a business value (selective disclosure)

an economic value (fungibility)

Zcash's approach to privacy

encryption rather than obfuscation

problem: How to validate private transactions?

solution: zk-SNARKS

3 ways to combine privacy & programmability

1. add privacy to Ethereum: "Baby ZoE"

2. add programmability to Zcash "Programmable Zcash"

3. connect the Zcash and Ethereum blockchains "Project Alchemy"

Project Alchemy

verify Zcash's PoW in Solidity

Zrelay (clone of BTCRelay)

smart contracts to fulfill orders

What can you do with it?

a decentralized exchange

Ethereum contracts can send and receive Zcash

When can we have it?

Zcash launches Oct. 28th. After that!

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Thank you! Get in touch!

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