

Building On Bitcoin

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What are we accomplishing?

Most software development makes things *possible*.
But security is about making things *impossible*.

What kind of work are we doing?

”Blockchain” apps are cryptographic protocols.

What is "blockchain" cryptography?

"Blockchain" cryptography proves things.

What is proven: Message m existed before time t .
How: OpenTimestamps

What is proven: Key k maps to value v globally.
How: Transaction Outputs (Single-Use-Seals)

What is proven: Message m reached a large audience.
How: Hash-Lock Scripts

What is proven: Thing x cost v to create.
How: Bitcoin Sacrifices

Stability

Proof-of-Work

Thank you!