Digital Assets and Missing Links

A Lightning Talk

Kenji Saito

Chief Science Officer, BlockchainHub, Inc. /

Senior Researcher, Keio Research Institute at SFC, Keio University

ks91@sfc.wide.ad.jp

@ks91020
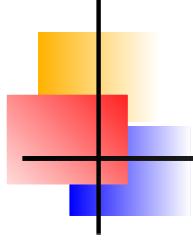
Thank you for letting me be part of #BlockchainWeb

- I'm from
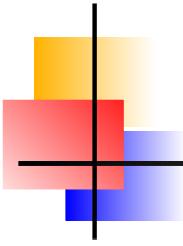
My Understanding

Application Logic

Smart contracts

Consensus Mechanism

Make events transactional

Distributed Timestamp

Proof of order of events

Ledger Structure

**Self-contained and verifiable**

- Blockchains give total controls to the ends that materializes the end-to-end philosophy of the Internet in the areas of controlling assets

- But there is a missing link

My Understanding
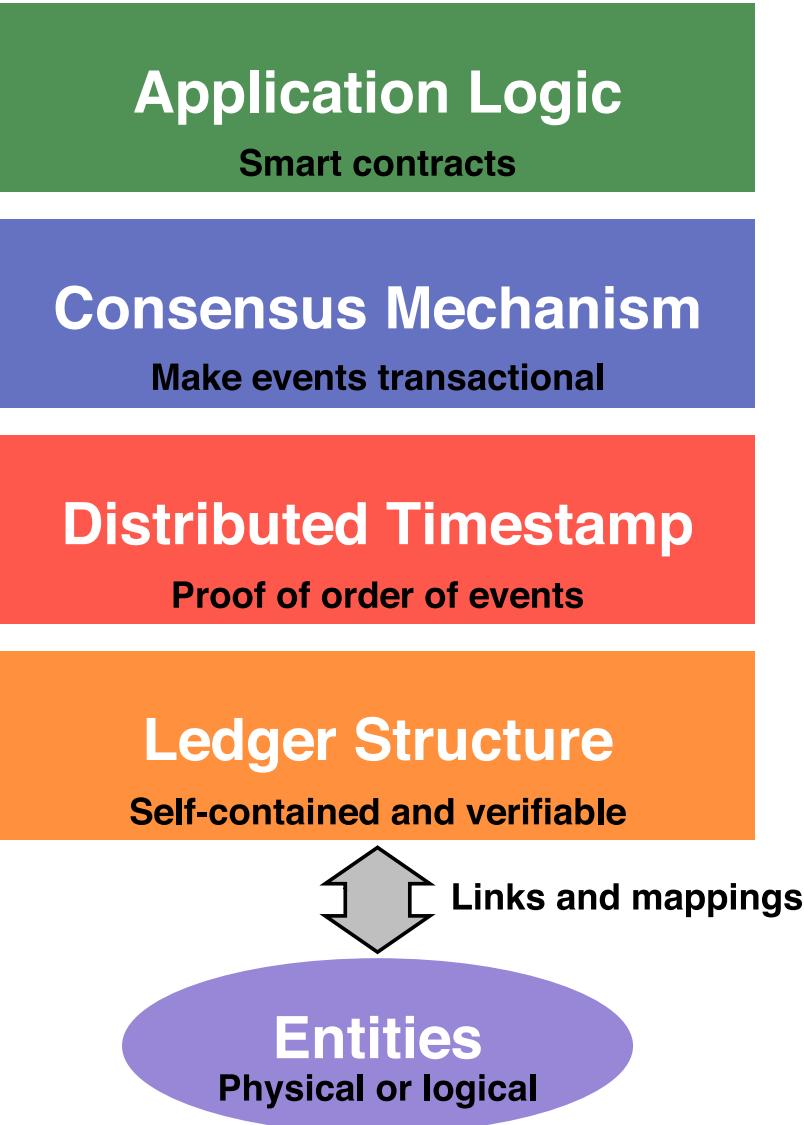
Application Logic
Smart contracts

Consensus Mechanism
Make events transactional

Distributed Timestamp
Proof of order of events

Ledger Structure
Self-contained and verifiable

Links and mappings

Entities
Physical or logical

- Blockchains give total controls to the ends that materializes the <u>end-to-end philosophy</u> of the Internet in the areas of controlling assets

- But there is a missing link
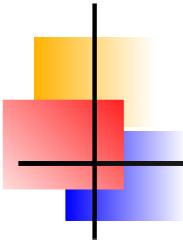
Missing Link or Links
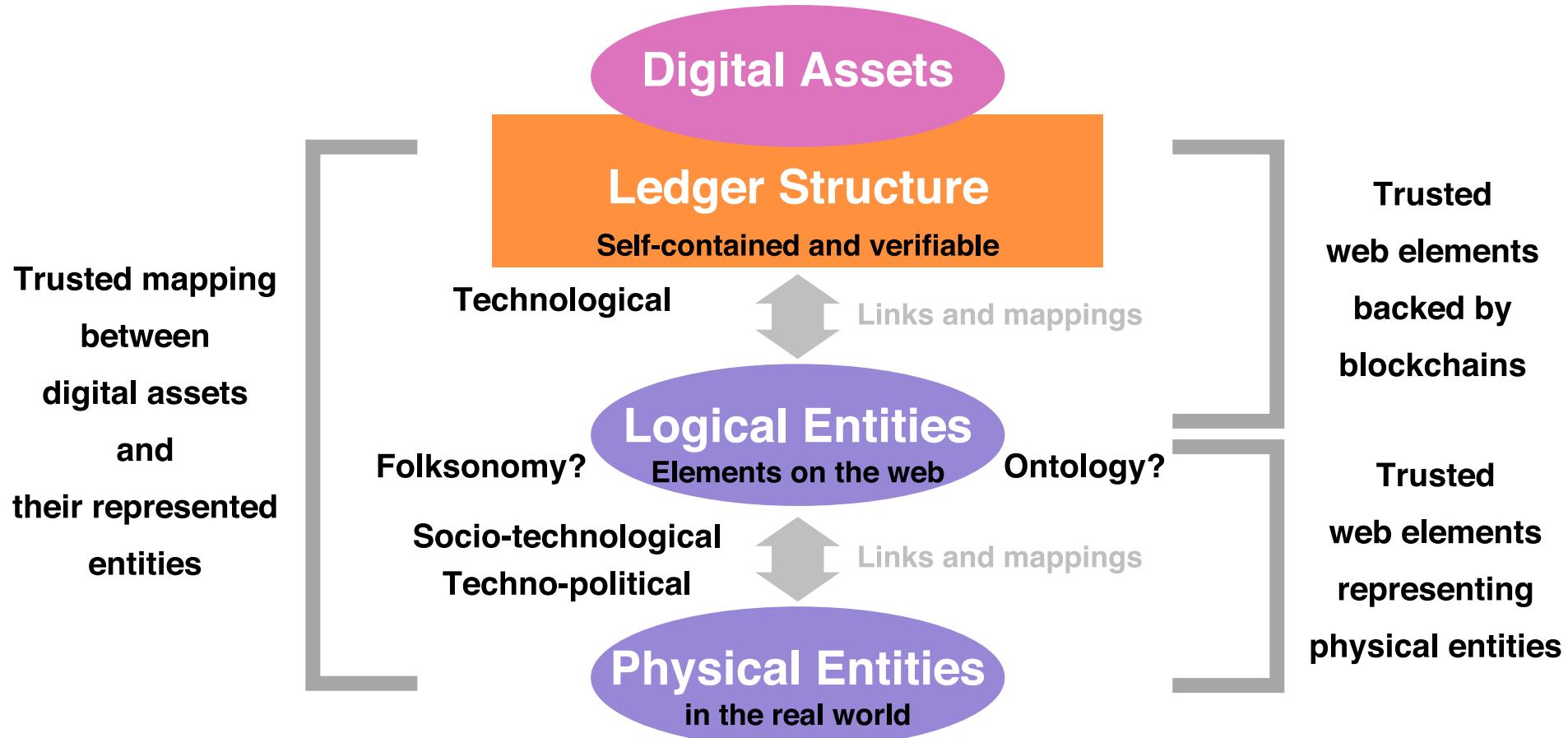
- Are existing mechanisms that connect the real world and the web sufficient as the foundation for this?