

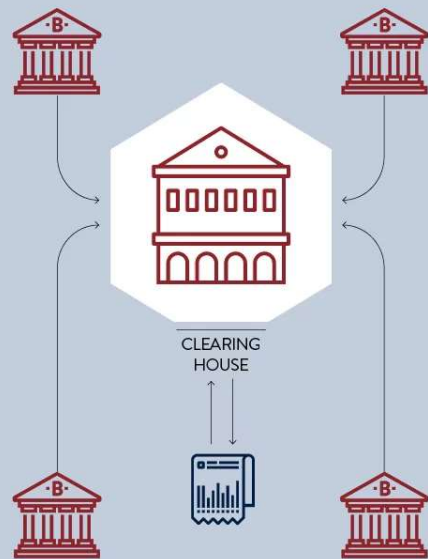
Introducing Ethereum

Impact of Blockchain

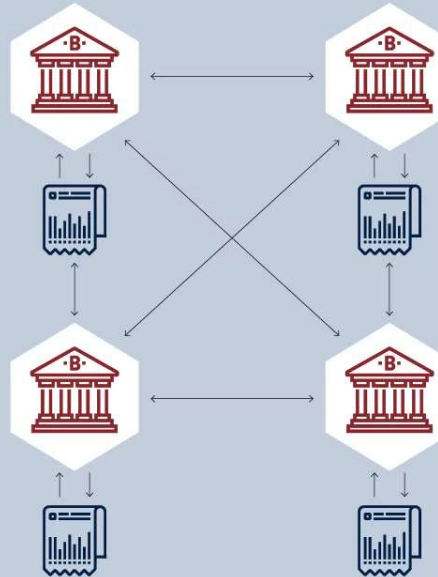
CENTRALISED OR DISTRIBUTED LEDGER?

A DISTRIBUTED LEDGER IS A NETWORK THAT RECORDS OWNERSHIP THROUGH A SHARED REGISTRY

CENTRALISED LEDGER



DISTRIBUTED LEDGER



Satoshi Nakamoto



Nick Zsabo



Smart Contract

Smart contracts go beyond the vending machine in proposing to embed contracts in all sorts of property that is valuable and controlled by digital means. Smart contracts reference that property in a dynamic, often proactively enforced form, and provide much better observation and verification where proactive measures must fall short.

Vitalik Buterin



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Vitalik Buterin

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The sort of big memetic contribution that Satoshi made is the fact that he's treated cryptographic protocols as being economic protocols, where the economics is not just an afterthought, the incentives are a fundamental building-layer of the entire system.

- Vitalik Buterin



Ethereum



Ethereum

Ethereum is a decentralized platform that runs smart contracts: applications that run exactly as programmed without any possibility of downtime, censorship, fraud or third party interference.

The project was bootstrapped via an ether pre-sale during August 2014 by fans all around the world. It is developed by the Ethereum Foundation, a Swiss nonprofit, with contributions from great minds across the globe.

<http://www.ethereum.org>

Bletchley

The next phase of our support of blockchain on Microsoft Azure is the release of the Ethereum Consortium Blockchain Network solution template to the Azure Marketplace that simplifies the infrastructure and protocol configuration substantially.

<http://azure.microsoft.com/en-us/solutions/blockchain/>