HYPERLEDGER

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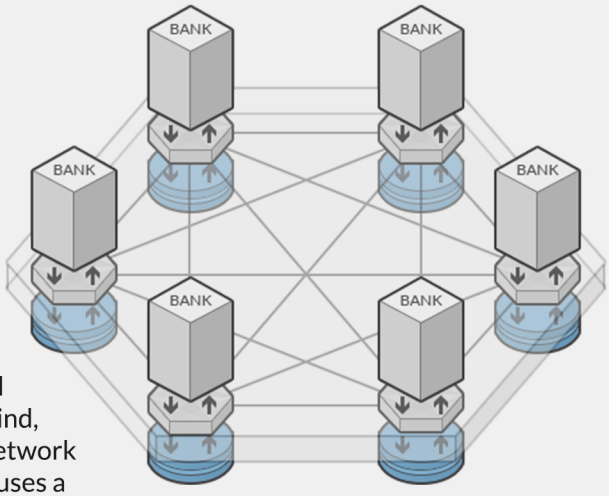


SHAREDLEDGERS

Hyperledger strips away all the unnecessary aspects of other platforms to provide just the shared replicated ledgers. This core technology, the distributed ledger, can then be easily integrated into existing systems to allow banks and financial institutions to settle in real time, mitigating risk and the need for expensive reconciliation without the need for a central party. Designed with identity and compliance in mind, Hyperledger enables you to know all the participants in your network whilst still being inter-operable with other pools. Hyperledger uses a proven consensus algorithm capable of handling tens of thousands of transactions per second per pool, without the need for expensive proof of work mining.

Tens of thousands of transactions per second per pool

NOCRYPTOCURRENCY

Unlike Bitcoin and Ripple, Hyperledger does not have an inbuilt crypto-currency.

This means:
- Less regulatory risk
- Less technical overhead
- No volatility
- Truly asset agnostic rails

PRIVATEPOOLS

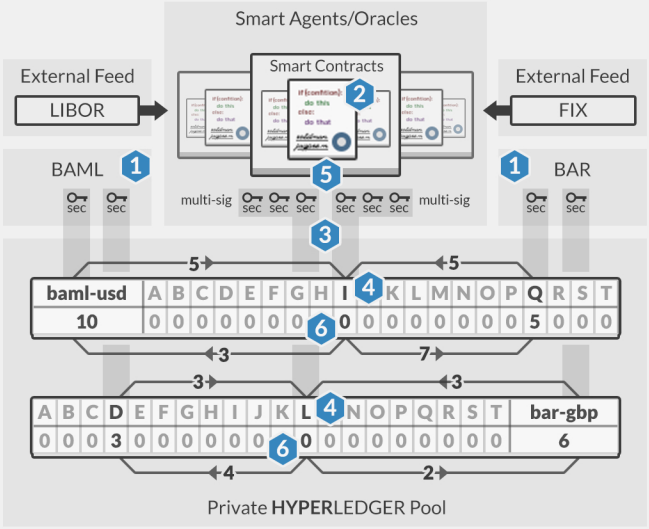
Another unique feature of Hyperledger is that it is not one single, international, public ledger.

Financial Institutions need to:
- Create multiple ledgers for different asset classes
- Keep balances and trades private
- Know who is operating the nodes and which jurisdiction they are in
- Control who can open accounts on their ledgers

SMARTCONTRACT READY

Hyperledger's modular design makes it ideal for integrating with smart contracts.

1. Counterparties agree to the terms of the contract
2. Counterparties upload the smart contract to multiple smart agents in machine executable code
3. The agents register their individual keys with an account on all the ledgers involved in the contract
4. The counterparties transfer custody of their assets to the accounts controlled by the agents
5. The agents take in external data feeds (if required) and process the contract, signing off with their key
6. Hyperledger executes the transfers with a single, pass or fail atomic transaction, returning the assets



created by HYPER

Hyper are the commercial entity supporting the open source Hyperledger Value Transfer Protocol. They are working with financial institutions, consortia of banks, and start-ups to deliver solutions to mitigate settlement risk, reduce costs and delays across multiple financial instruments; from FX, Interest Rate Swaps, Securities, to correspondent banking. They won the Bank Innovation Challenge and are semi-finalists in the SWIFT Innotribe Startup Challenge later this year.

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