



Data Structure

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- A data structure is a functional configuration of organizing and storing data.
- It generally contains two parts:
 - The ledger.
 - The states.

Ledger

- A ledger is a chronological storage of facts or records order.
- Facts are like rows in a table.
- All peers to a shared fact stores identical records.
- Quorum nodes use distributed ledger mechanism.
- Each peer only sees a subset of facts on the ledger and no peer is aware of the ledger in its entirety.
- There is no single data storage. Each node maintains a separate database.

State

- State is an immutable object that represents facts which are known by one or more nodes at a specific point of time. Data is not modified directly.
- States are never altered, they are either unconsumed (unspent) or consumed (spent).
- States contain reference to contracts that govern the evolution of state.
- States maintain their own database which is divided into two:
 - Public State Database
 - Private State Database



THANK YOU!

Any questions?

You can mail us at
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