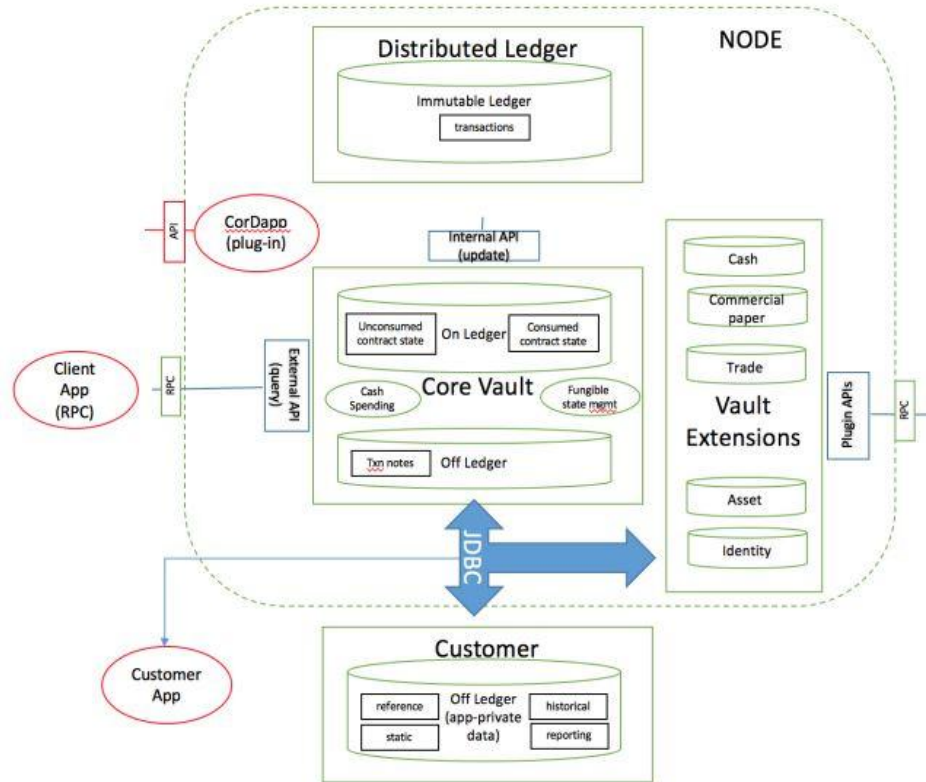


# The Vault

# The Vault

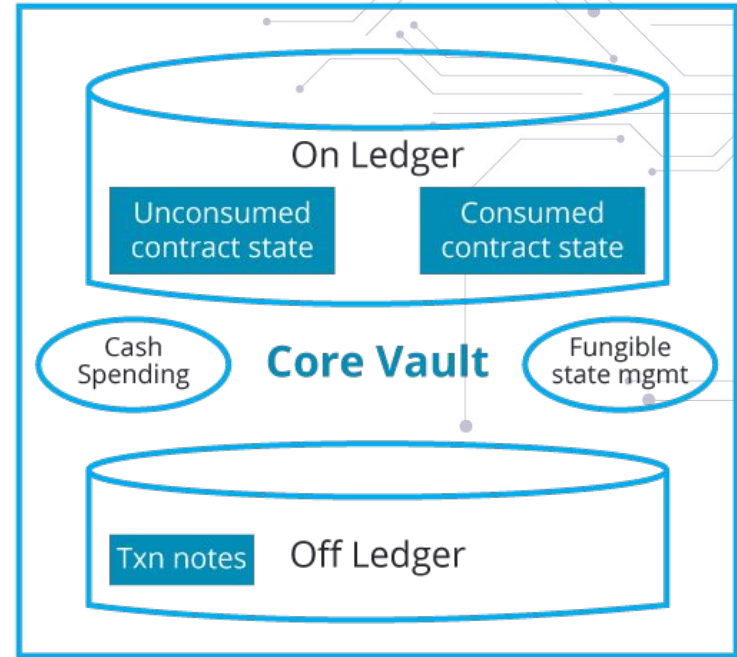
- Each node consists of a Vault, that stores the relevant data extracted from ledger.
- It contain private key, needed to sign the transactions consuming states.
- Vault stores both consumed and unconsumed states.
- Data can be stored in both ways: “**off ledger**” and “**on ledger**”.

# Architecture of Vault



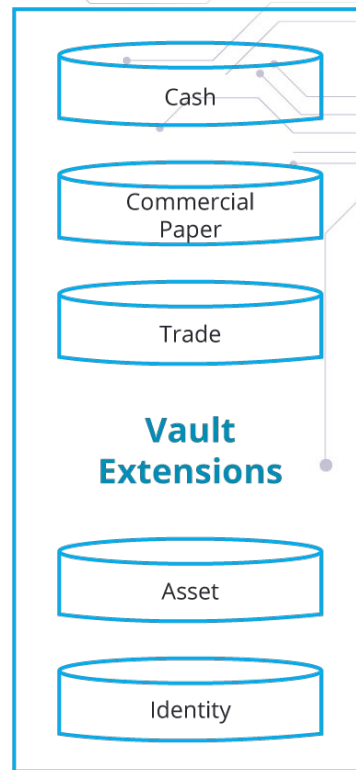
# Core Vault

- Core Vault consists of :
  - On-ledger Datastore
  - Off-ledger Datastore
  - Cash Spending
  - Fungible State Management



# Vaults Extension

Vault extensions represent additional custom plugin code a developer may write to query specific custom contract state attributes, access by standard corda RPC.



# Vault Services



- The vault provides two main services:
  - **Coin Selection:** it is process of creating a transactions with asset states and updated output that makes the values balance.
  - **Soft Locking:** It is the ability to automatically reserves states for removing cloning of states.



# THANK YOU!

Any questions?  
You can mail us at  
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