Zaino System Architecture (Live Service)

Chain State

New Transactions

Zebra:

Full Validator

TxBroadcaster

Other Nodes

Zcash P2P Network:

Finalized State

- Finalized chain [Full Blocks]

Non-Finalized State

- Non-finalized best chain
- Mempool

Zcash RPC service

New Transactions

Finalized State Data (Rirect Read Access or Hyper Wrapper)

Non-Finalized State Data (JsonRPC)

Mempool Data (JsonRPC)

New Transactions (JsonRPC)

Zaino:

TrustedChainSync

(Remote)ReadStateService

- Finalized chain
- Non-finalized best chain

IndexerMempool

- Non-finalized best chain data
- Mempool

Chain Data

Mempool Data

IndexerStateService

- ReadStateService
- IndexerMempool

LightWallet gRPC Service

Indexer RPC Service

CompactBlock and Transaction Data (gRPC)

New Transactions (gRPC)

Block and Transaction Data *(gRPC / JsonRPC)

New Transactions *(gRPC / JsonRPC)

Scanner (Zingo-Scan)

Wallet

Scanner (Zcash_Client_Backend)

Wallet

Zingo-Mobile

Zingo-PC

Zingo-CLI

CLI Service

JSONRPC service

Standalone ("Light") Wallets (Zingolib):

Other Clients (Example CLI Wallet Implementation):