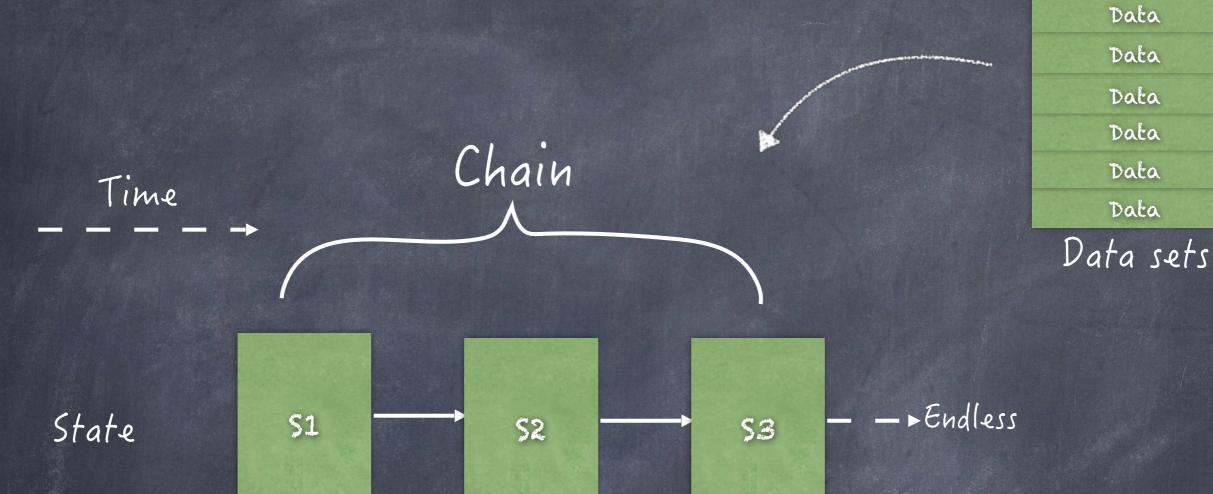
What did blockchain record

- What did blockchain record
- Analysis BTC, ETH, Link-Chain
- Some thinking of data sets

What did blockchain record

Perspective of blockchain



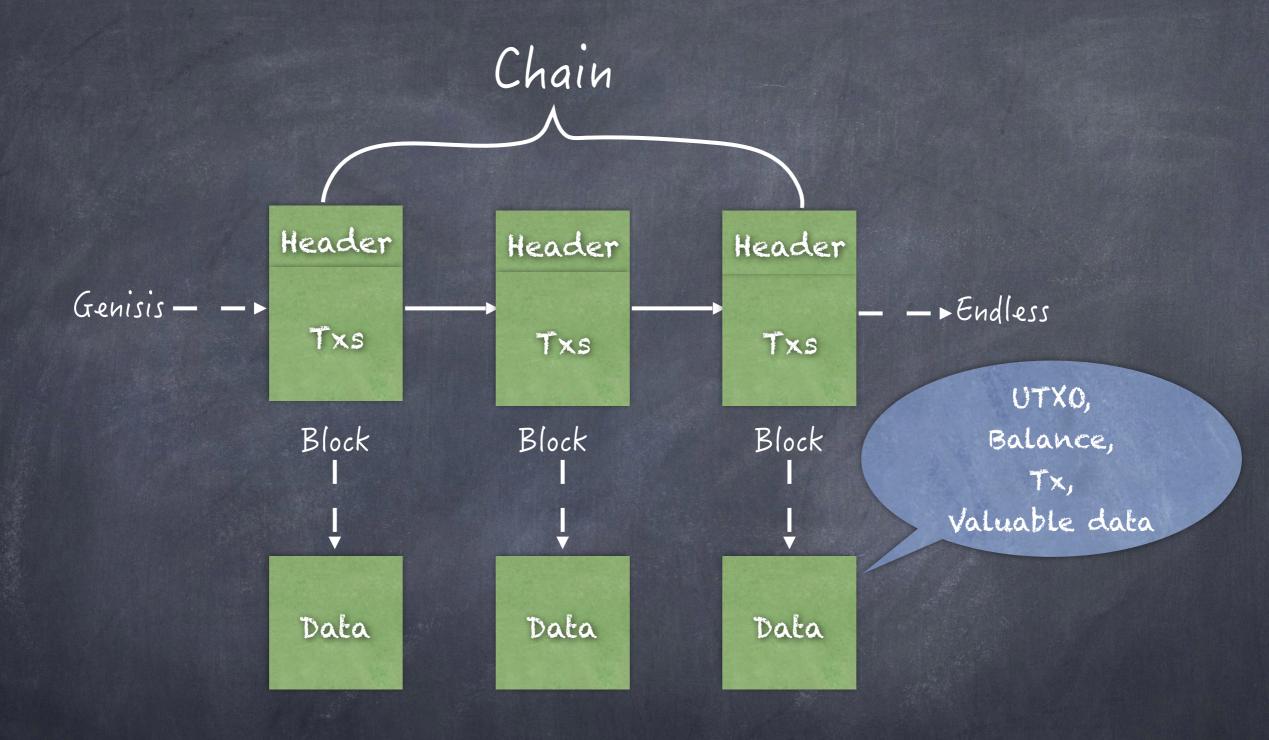
Consensus

+ PZP Value:

- transparency

endless

- Safety
- Correctness

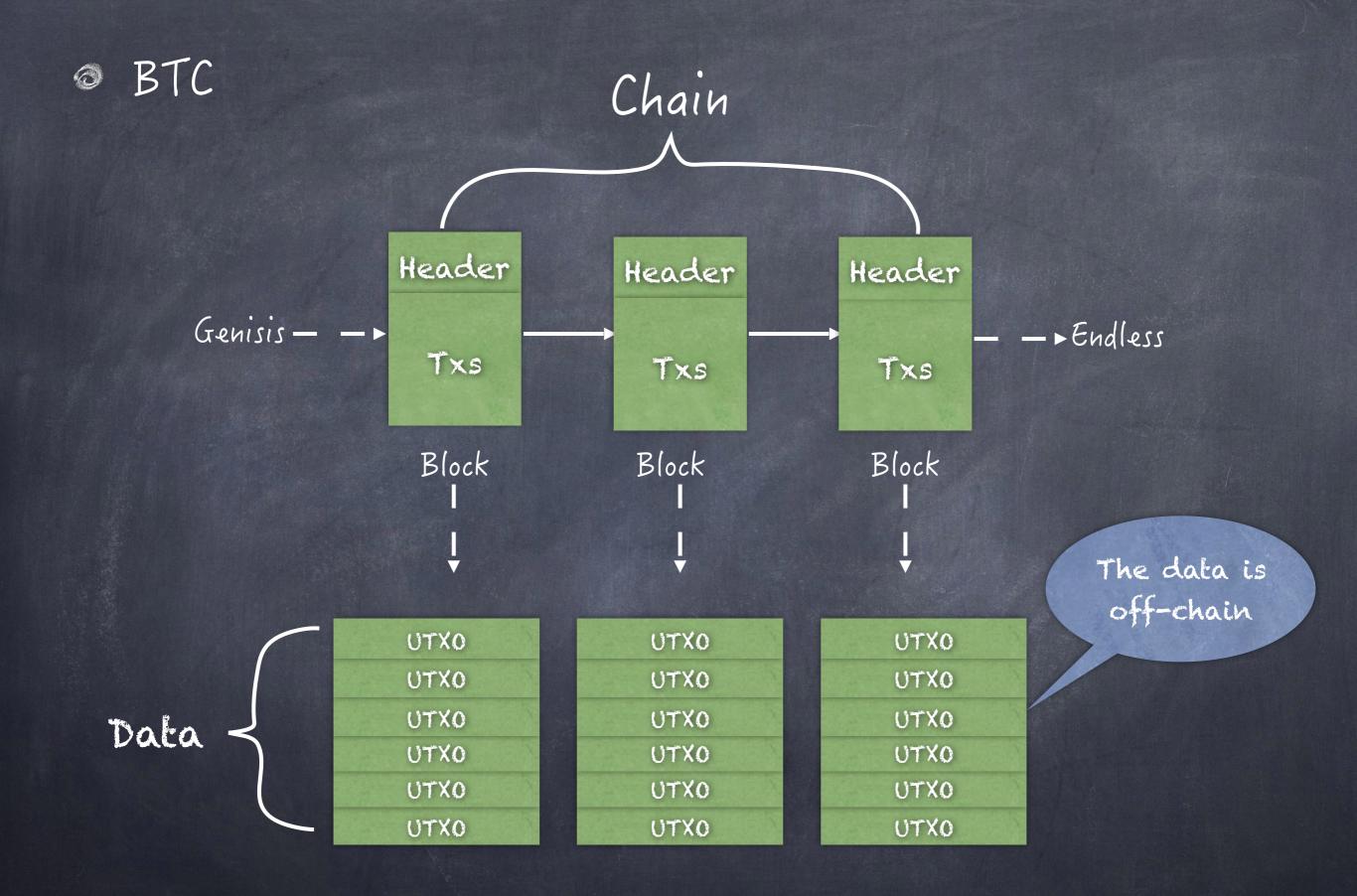


Analysis BTC, ETH, Link-Chain

BTC: Data sets store many UTXOs

UTXO: It's like cheque or coin

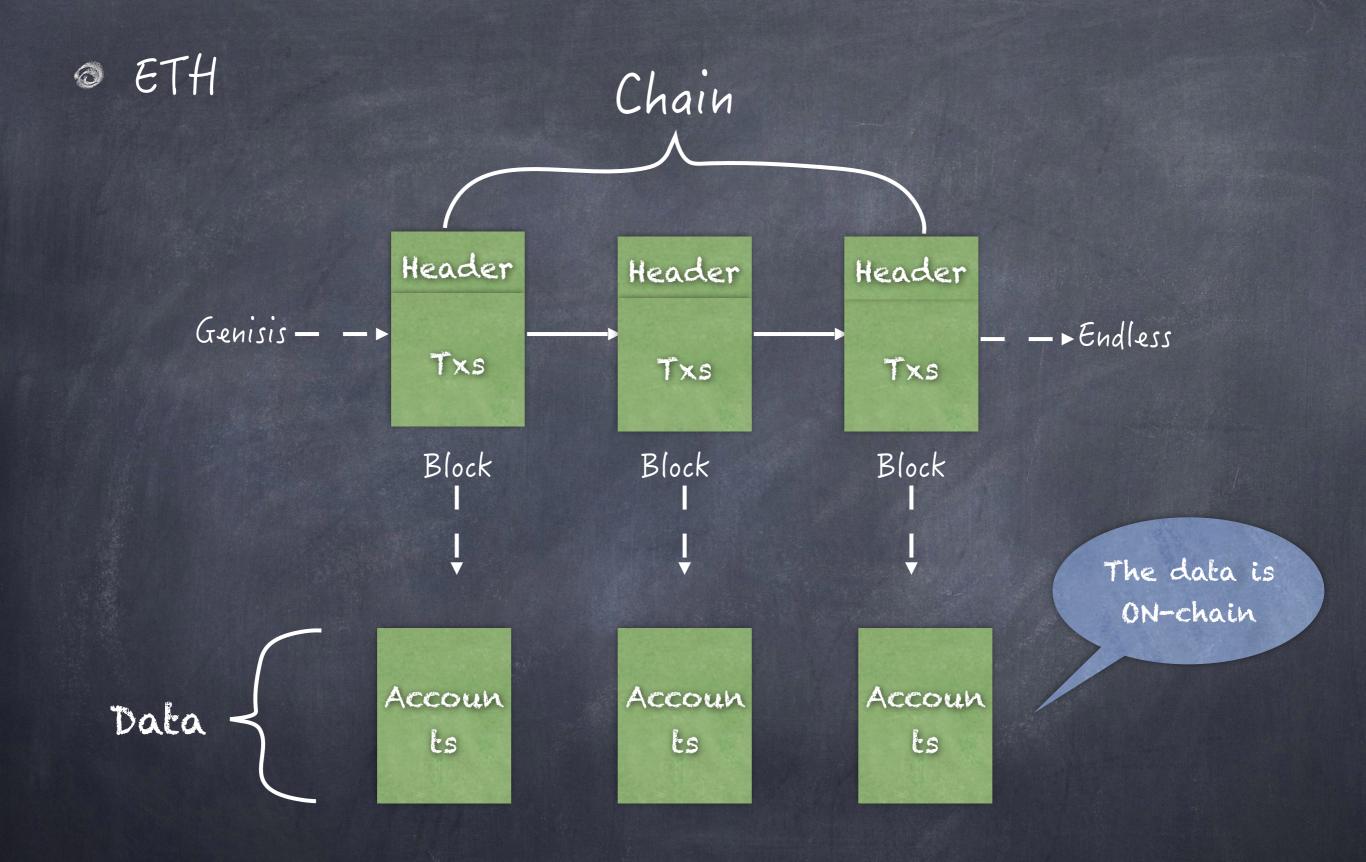
Data sets: It's a map



ETH: Data sets store many Accounts

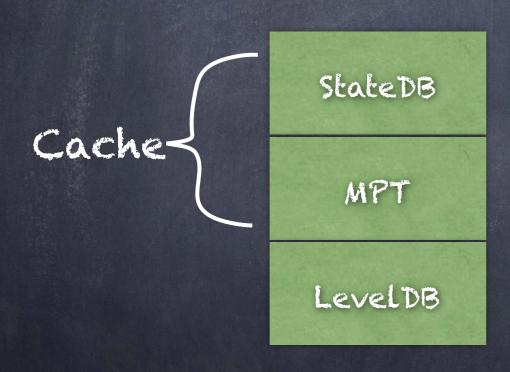
Account: Balance, StorageRoot, Code

Data sets: It's a tree



Analysis Account Data Center

Account Storage: StateDB, MPT, LevelDB



StateDB: Preparing API

MPT: A special tree

LevelDB:K-V dataBase

StateDB

1. It's the first cache of accounts.

2. Preparing series of API which is Reading or Writing to account.

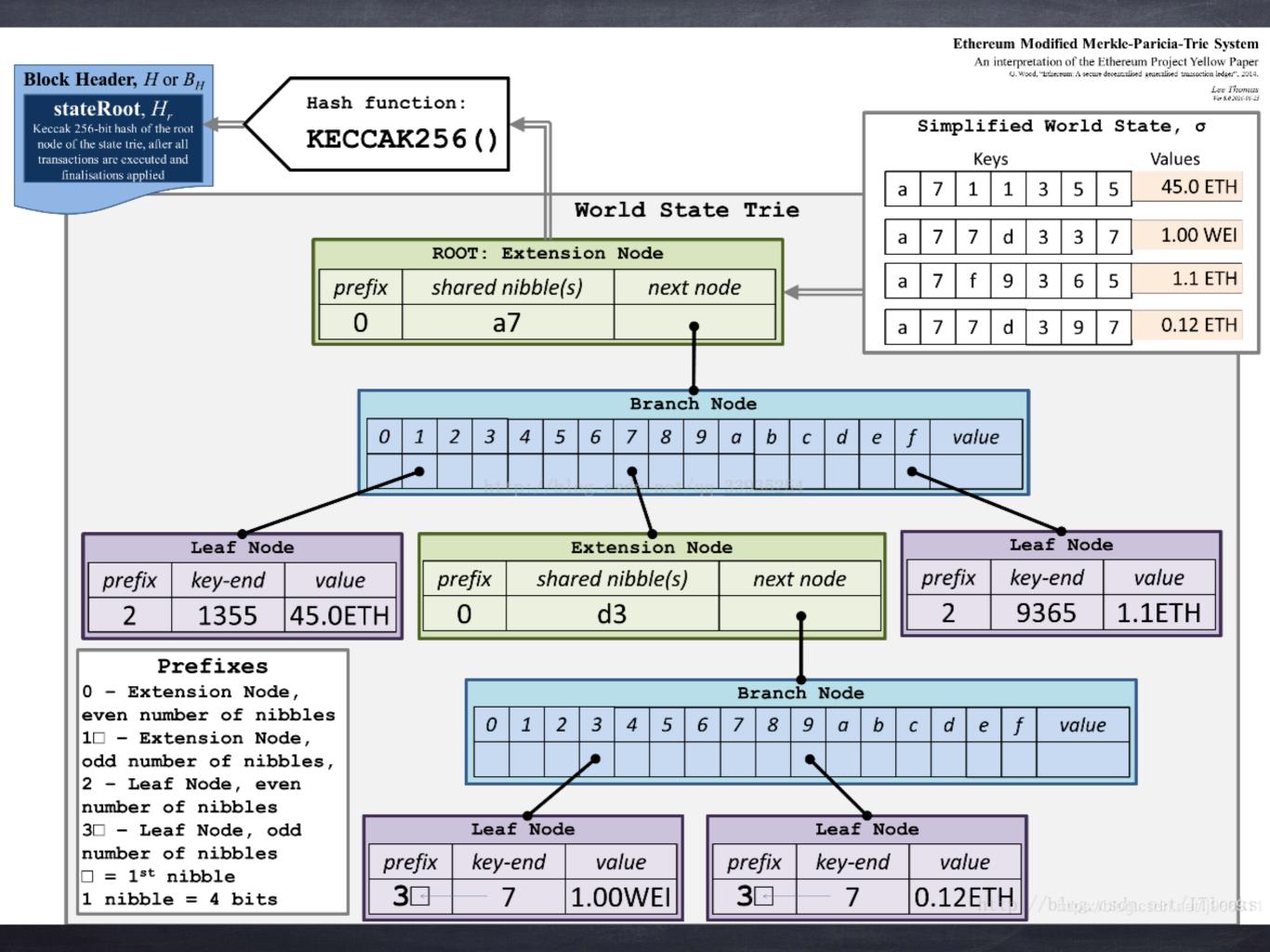
3. Preparing a interface for managing MPT, Database.

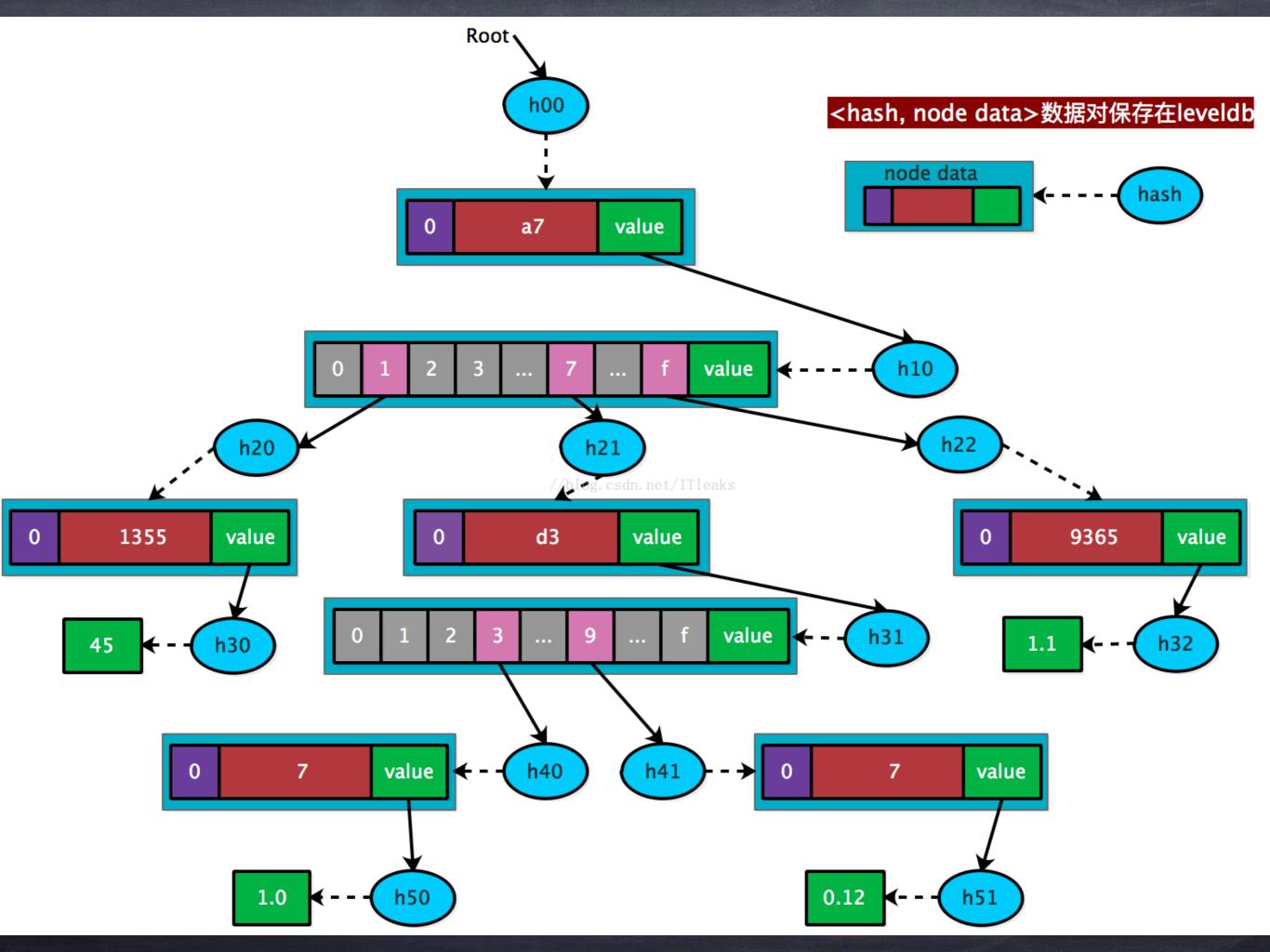
1. It's record account's status and record the change of account.

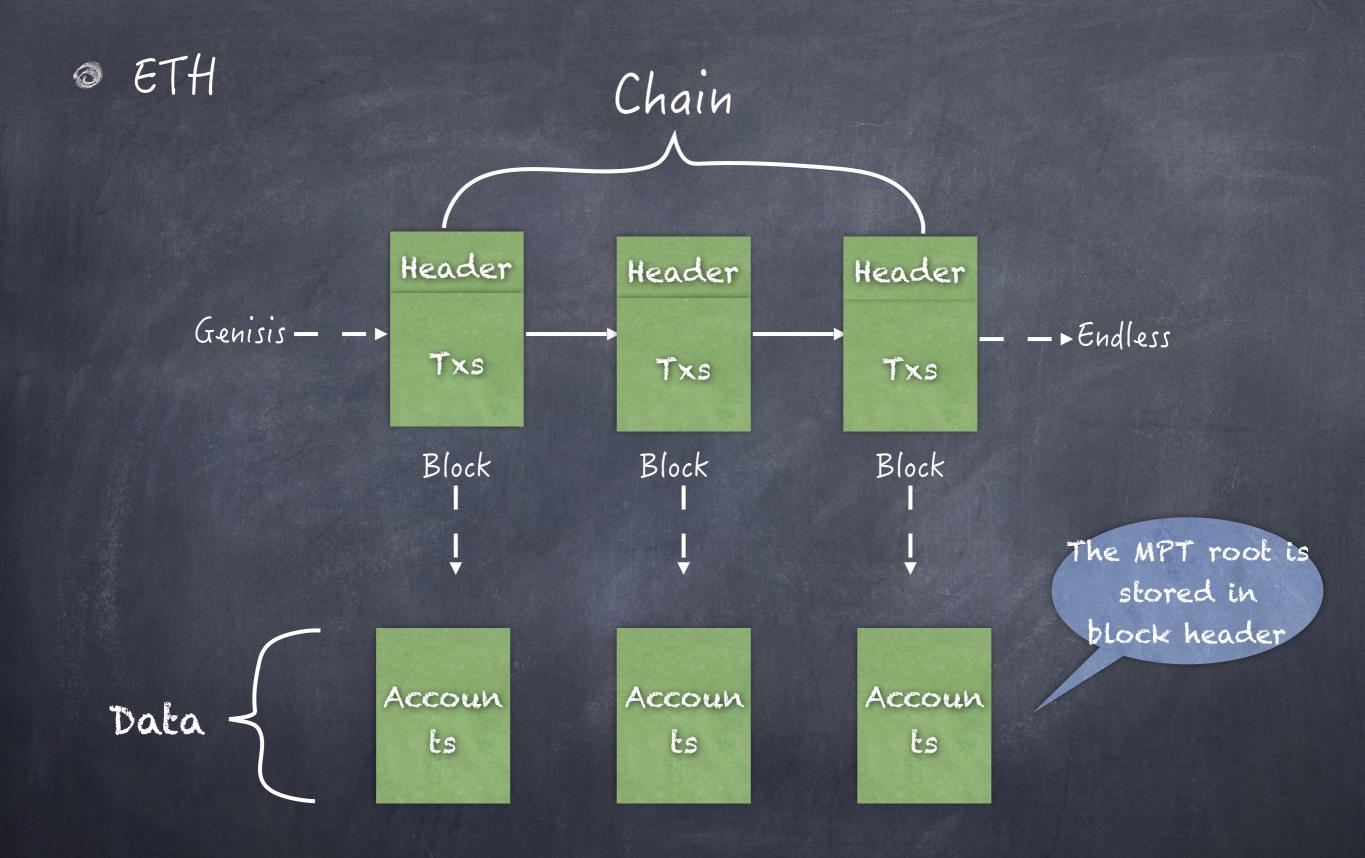
2. It's can calculate summary of All accounts.

3.Accounts be indexed for quick retrieval.

4. It's a prefix-tree and a merkle-tree







Link-chain

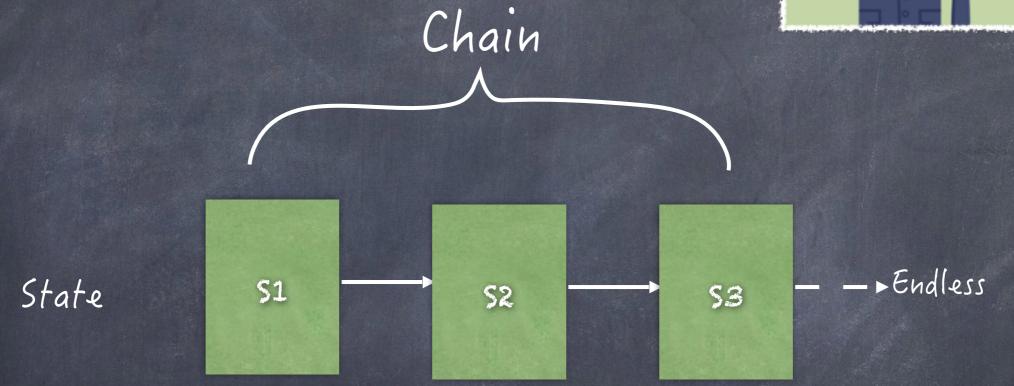
1. The Data sets of Link-chain is son of ETH.

2. Link-chain's account store UTXO and other data. ETH's account store balance.

Some thinking of Data Sets

What did blockchain record?





1 think the blockchain record any valuable data

What is tx and block function??



I think the Tx is a input, which can be change the data sets.

The Block is record output and input of data sets.

Block body is input of data sets, which is a series of txs.

Block header store summary of data sets.

MPT is the best structure of data sets?



What is the structure of DAG data sets?

What valuable data can be stored?

IM(*)GINE MORE

Thank you!