State Models: UTXO vs Account-Based
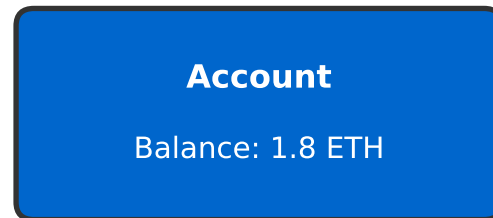
UTXO Model (Bitcoin)

0.3 **0.6** **0.9**

Each "coin" is a separate UTXO

+ Discrete "coins"

+ Parallel processing

+ Better privacy

- Complex state tracking

- No nonce needed

Account Model (Ethereum)

Account

Balance: 1.8 ETH

Single balance per address

+ Simple balance tracking

+ Easy smart contracts

+ Lower storage

- Sequential nonces

- Less privacy