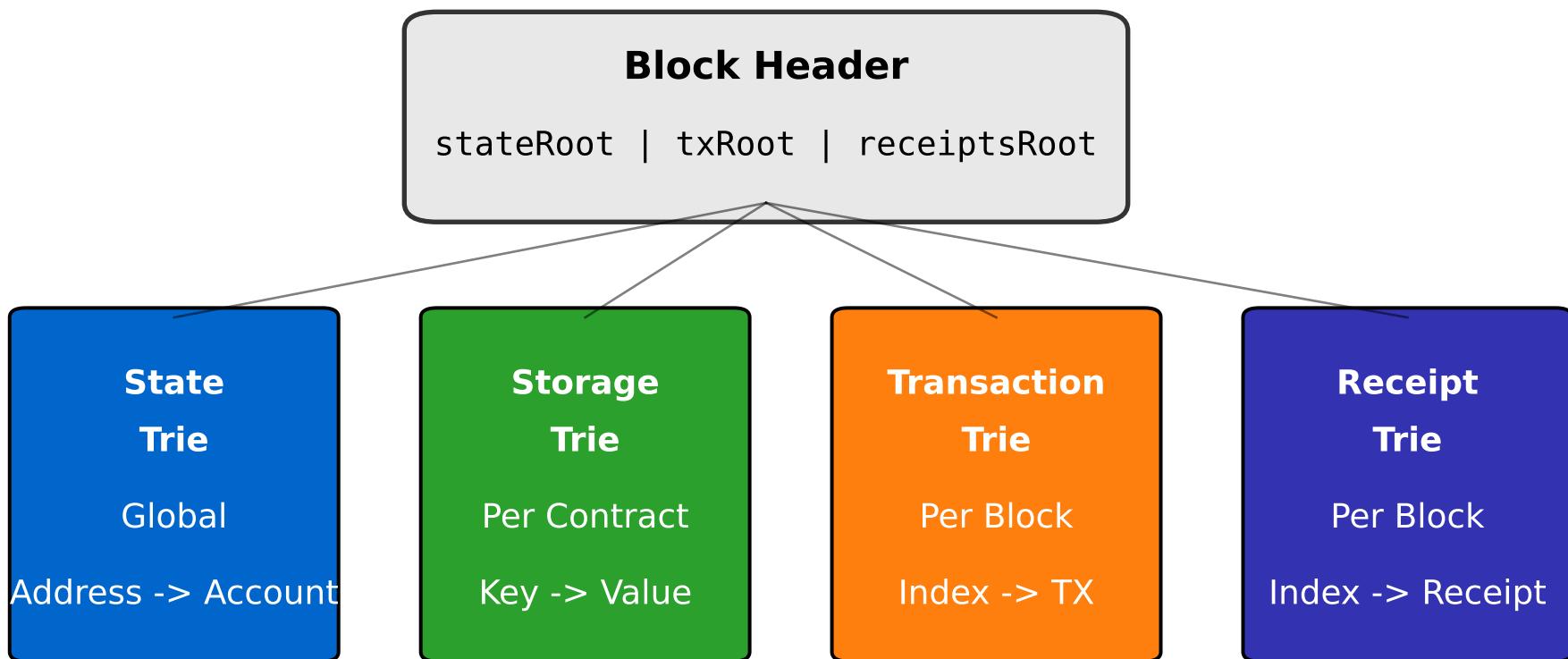


Ethereum Block: Four Merkle Patricia Tries



Merkle proof: $O(\log n)$

Deterministic root hash

Efficient updates

Root hashes in block header enable light client verification