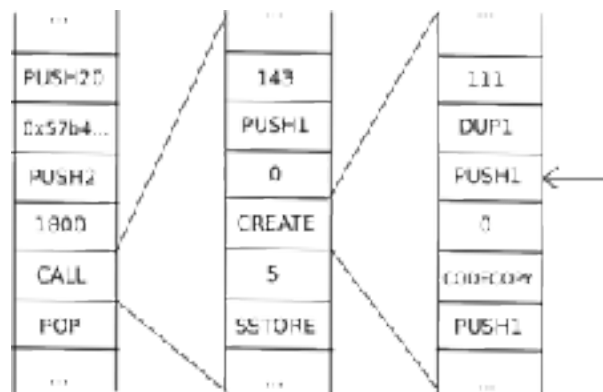


Stepping Outside the Square

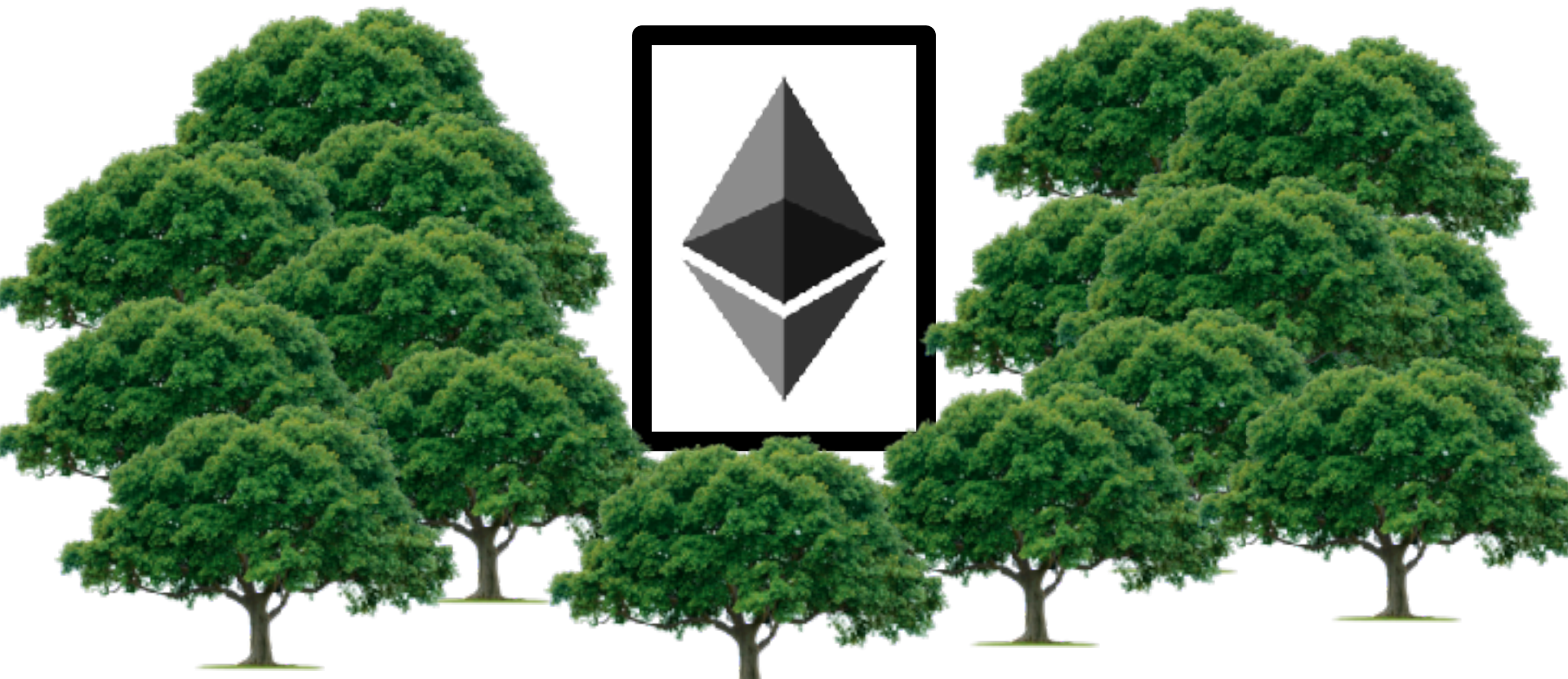
1. The Square
2. Square Launches
3. Square Grows







Square Launches

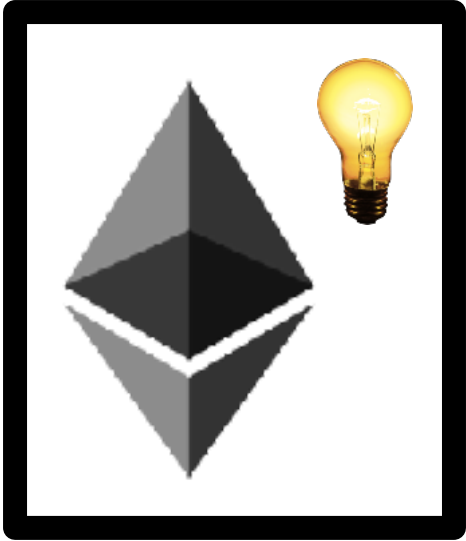








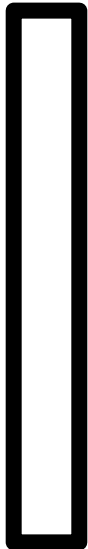
Square Grows



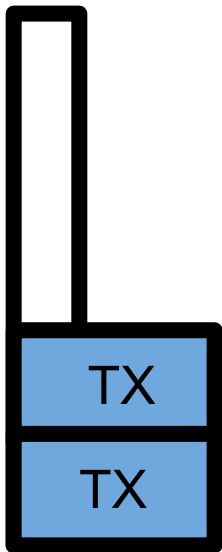
Gas Burn

Block

Miner



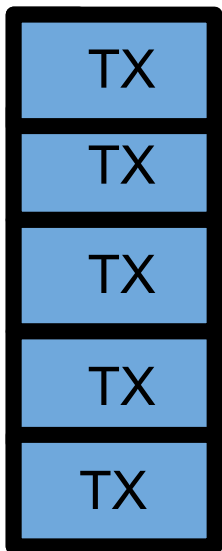
Block



Miner



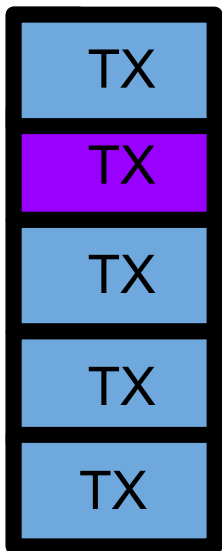
Block



Miner



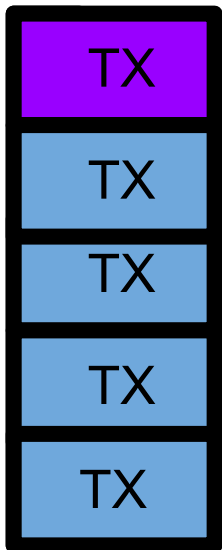
Block



Miner



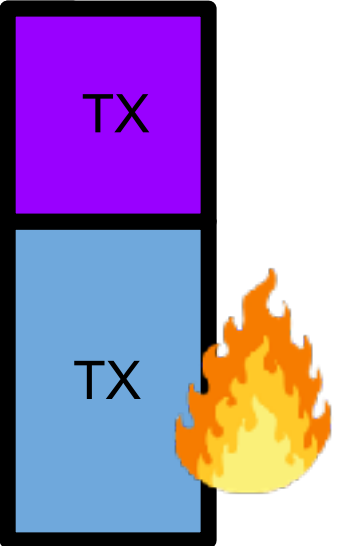
Block



Miner



Block

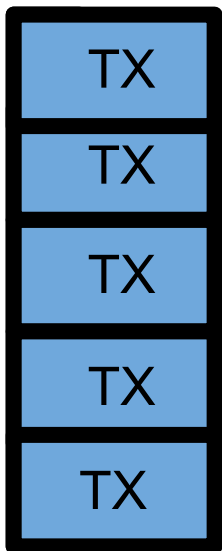


Miner



Gas Refund

Block

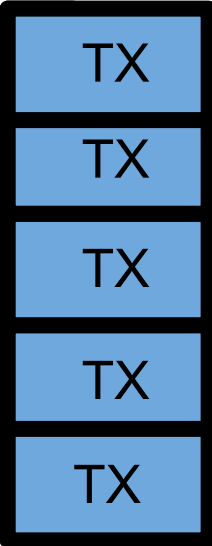


Miner





Block

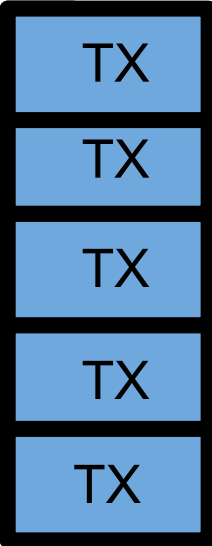


Miner





Block

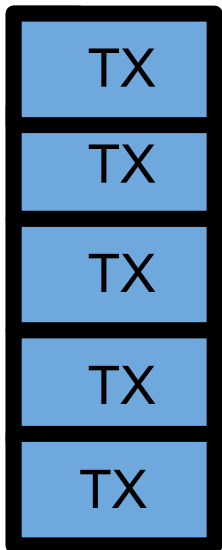


Miner





Block



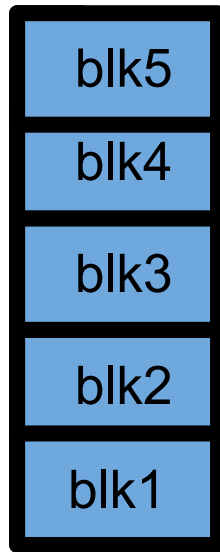
Miner



gas price = 1



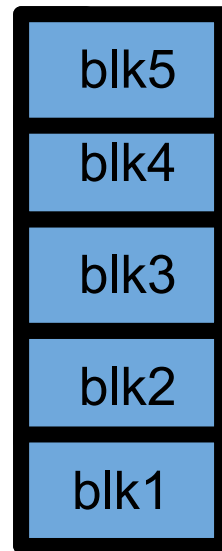
$20,000 \text{ gas cost} * 1 = 20,000$



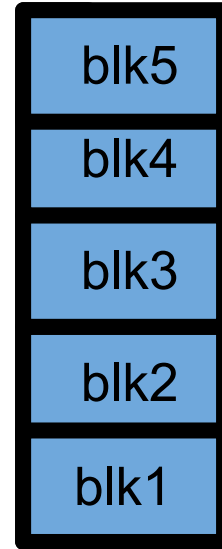
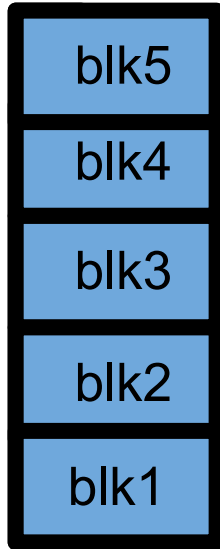
gas price = 20



+ 15,000 gas



Cross Chain Atomic Swaps









x



hash(x)





hash(x)





hash(x)





X

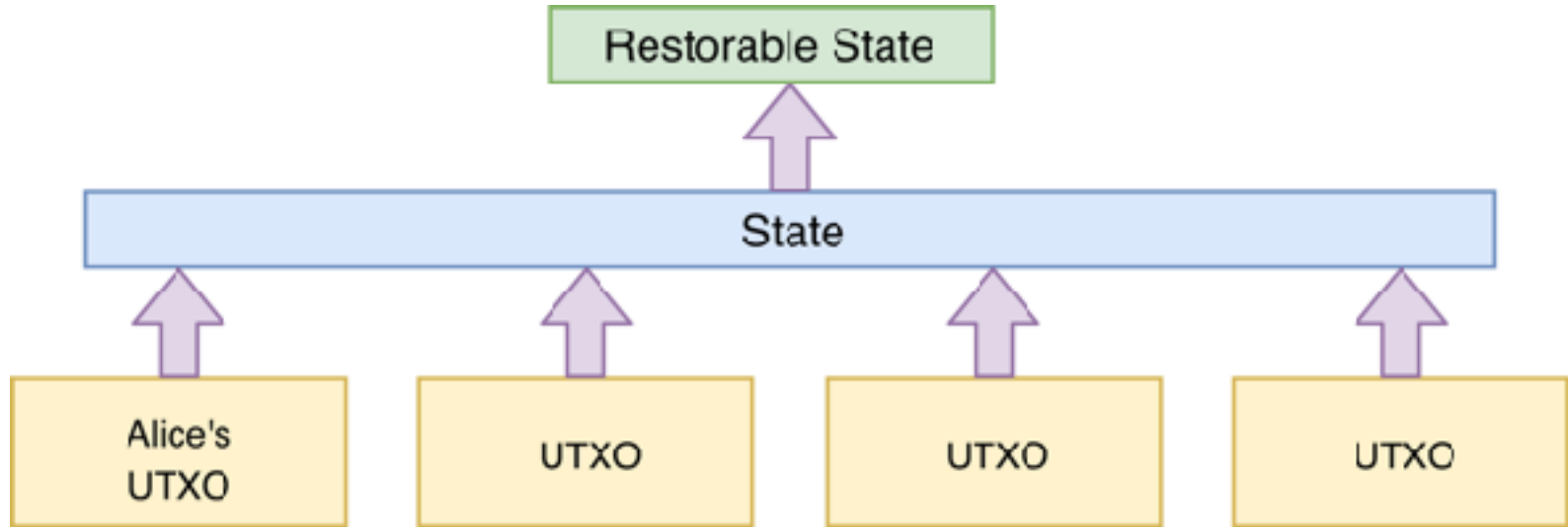




Expanding the Square

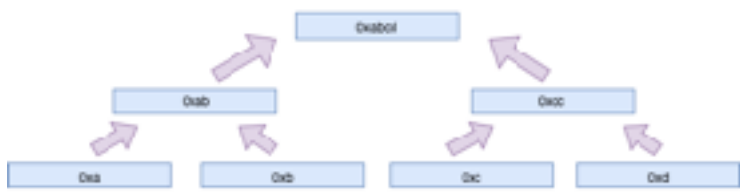


Scaling through Compaction



Storing State

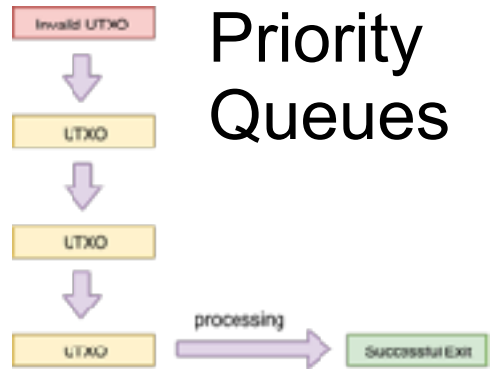
Merkle Trees



Hash Functions



Priority Queues





@davidlknott