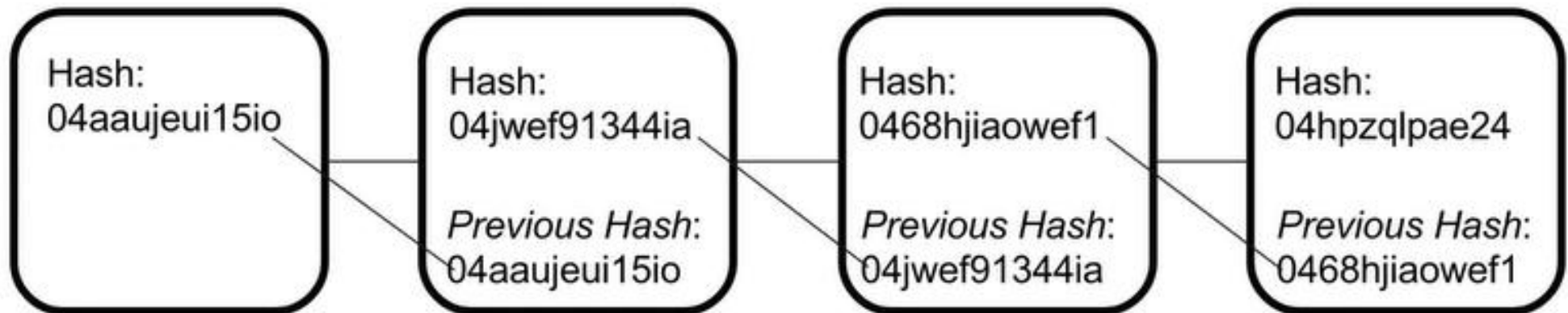# Block

- Timestamp in milliseconds.

- lastHash - the hash of the block before it.

- hash - based on its own data.

- The data to store.

Genesis Block

Hash:
04aaujeui15io

Hash:
04jwef91344ia

Previous Hash:
04aaujeui15io

Hash:
0468hjiaowef1

Previous Hash:
04jwef91344ia

Hash:
04hpzqlpae24

Previous Hash:
0468hjiaowef1

Block Hashes and SHA-256

- The hash is generated from the timestamp, lastHash, and stored data.

- We'll use an algorithm called SHA-256.

  - Produces a unique 32-byte (256 bit) hash value for unique data inputs.

  - One-way hash.

- Useful for block validation.