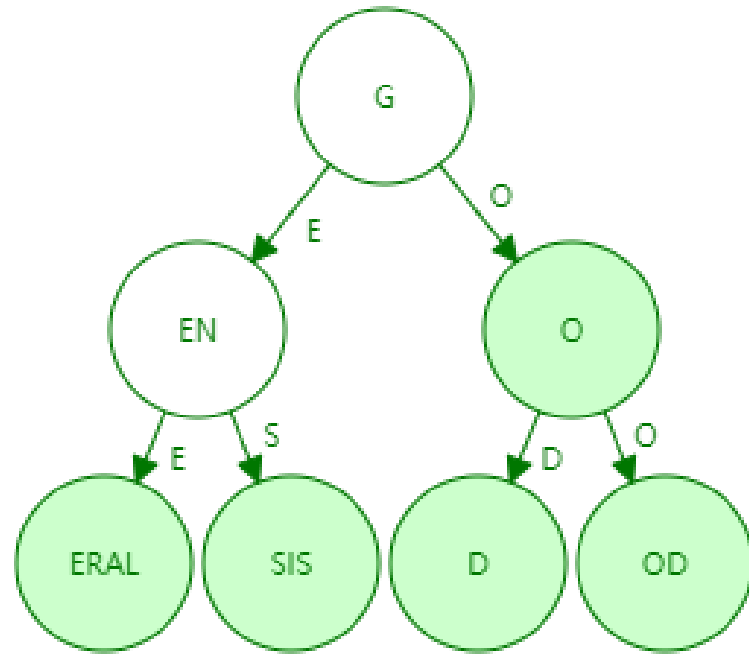
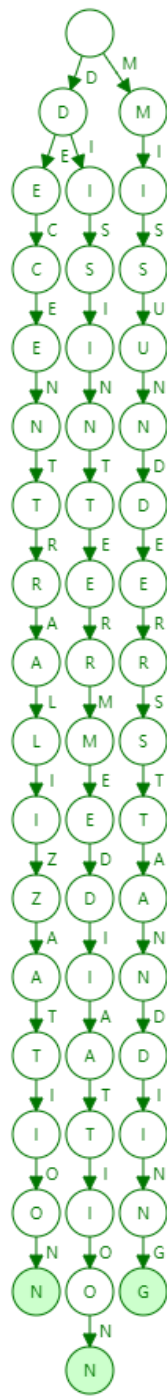


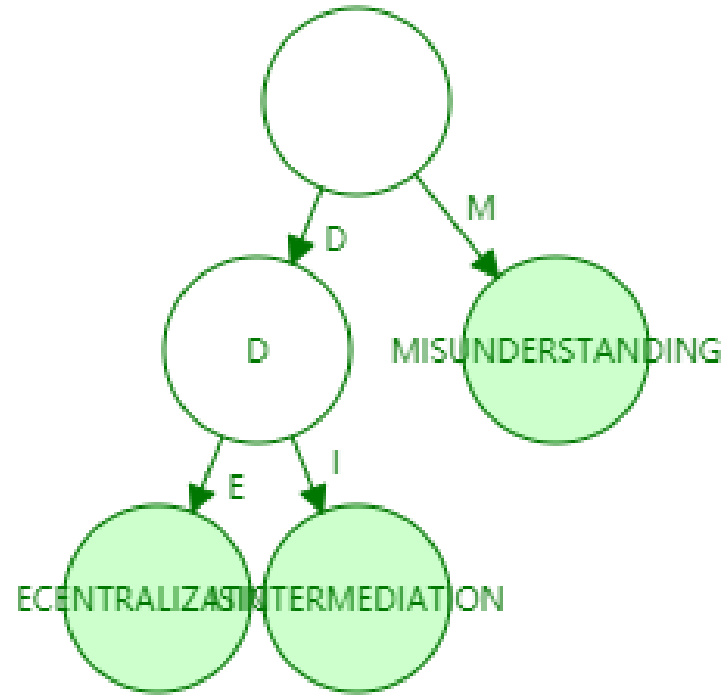
General  
Genesis  
Go  
God  
Good



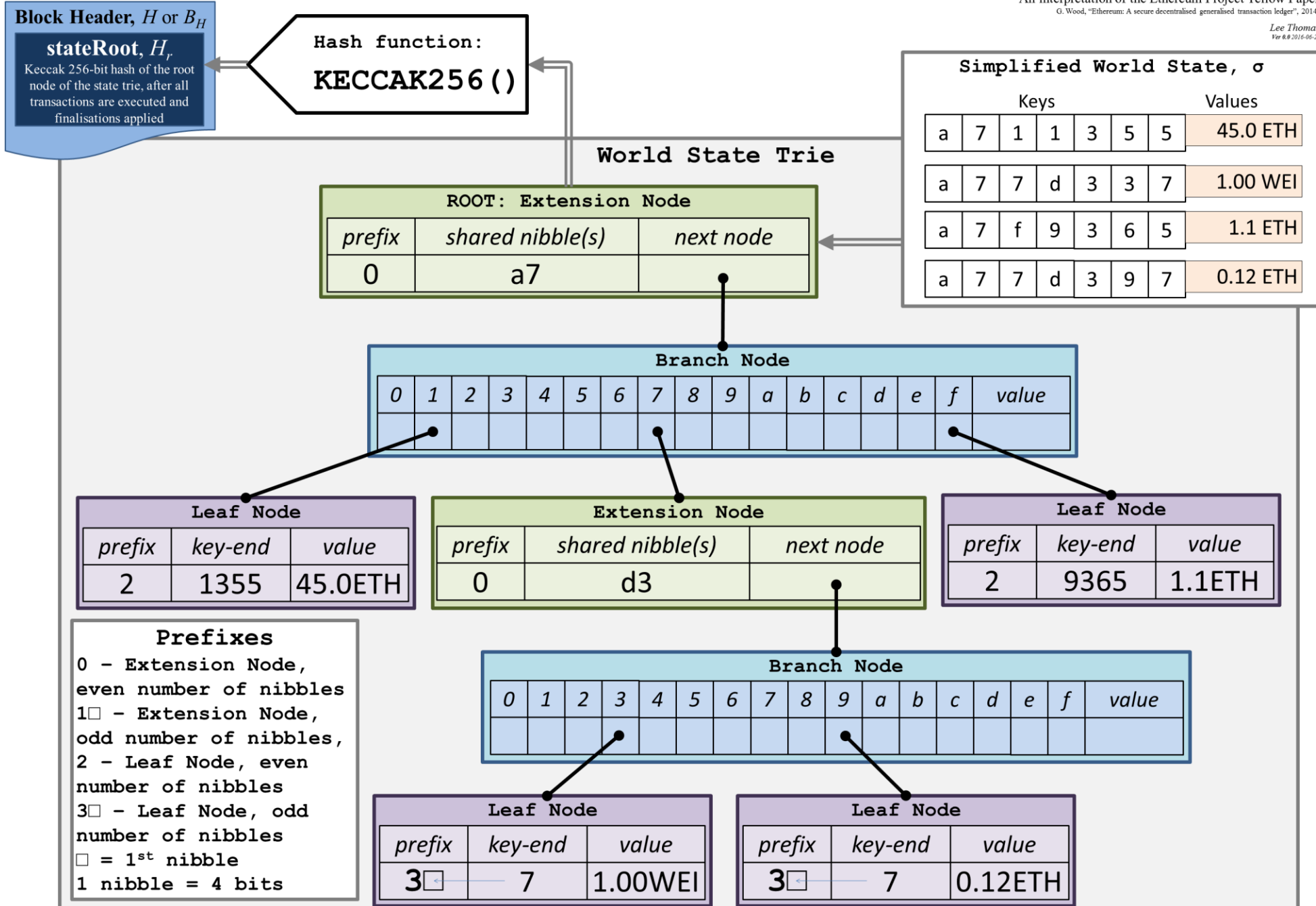
General  
Genesis  
Go  
God  
Good

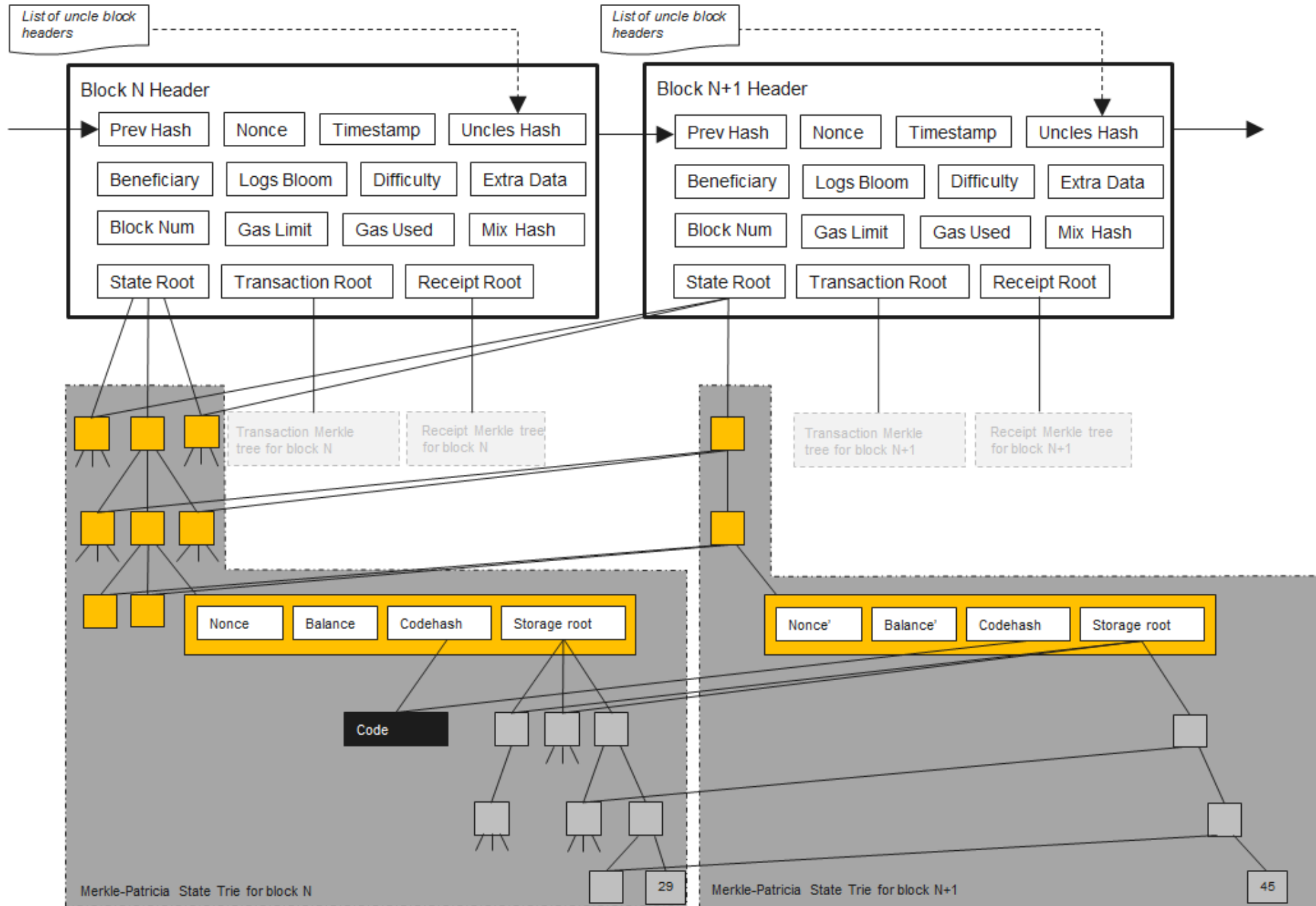


Misunderstanding  
Decentralization  
Disintermediation



Misunderstanding  
Decentralization  
Disintermediation





```
69 // Header represents a block header in the Ethereum blockchain.
70 type Header struct {
71     ParentHash common.Hash    `json:"parentHash"      gencodec:"required"`
72     UncleHash   common.Hash    `json:"sha3Uncles"      gencodec:"required"`
73     Coinbase    common.Address `json:"miner"           gencodec:"required"`
74     Root         common.Hash    `json:"stateRoot"       gencodec:"required"`
75     TxHash       common.Hash    `json:"transactionsRoot" gencodec:"required"`
76     ReceiptHash common.Hash    `json:"receiptsRoot"    gencodec:"required"`
77     Bloom        Bloom          `json:"logsBloom"       gencodec:"required"`
78     Difficulty   *big.Int      `json:"difficulty"      gencodec:"required"`
79     Number       *big.Int      `json:"number"           gencodec:"required"`
80     GasLimit     uint64        `json:"gasLimit"        gencodec:"required"`
81     GasUsed      uint64        `json:"gasUsed"         gencodec:"required"`
82     Time         *big.Int      `json:"timestamp"       gencodec:"required"`
83     Extra        []byte        `json:"extraData"       gencodec:"required"`
84     MixDigest    common.Hash    `json:"mixHash"         gencodec:"required"`
85     Nonce        BlockNonce    `json:"nonce"           gencodec:"required"`
86 }
```

```
144 // Block represents an entire block in the Ethereum blockchain.
145 type Block struct {
146     header      *Header
147     uncles      []*Header
148     transactions Transactions
149
150     // caches
151     hash atomic.Value
152     size atomic.Value
153
154     // Td is used by package core to store the total difficulty
155     // of the chain up to and including the block.
156     td *big.Int
157
158     // These fields are used by package eth to track
159     // inter-peer block relay.
160     ReceivedAt time.Time
161     ReceivedFrom interface{}
162 }
```



```
177 // "external" block encoding. used for eth protocol, etc.
178 type extblock struct {
179     Header *Header
180     Txns   []*Transaction
181     Uncles []*Header
182 }
```