

# Ethereum Block

**Mechanism** : BLOCK

**Description** : Contains 16 elements in the block header and  $\geq 0$  transactions in the block footer.

Block Header:

1. progenitor\_block hash
2. siblings hash
3. presentstate\_root hash
4. priorstate\_root hash
5. receipts\_root hash
6. mix hash
7. nonce hash
8. winner hash
9. bloom\_filter logs
10. block\_difficulty value
11. block\_number value
12. gaslimit value
13. gasused value
14. timestamp value
15. extradata value
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16. sibling\_header(s) #1-15