proof namespace

proof_getTransactionByHash

This function returns the same result aseth_getTransactionReceipt and also a tx proof, receipt proof and serialized block headers.

- Parameters
- Request

- Response

- txHash

- :string
- (hash)
- includeHeader
- :boolean curl localhost:8545 \ -X POST \ -H

"Content-Type: application/json"

\ --data

'{ "jsonrpc": "2.0", "id": 0, "method": "proof_getTransactionByHash", "params": [txHash, includeHeader] }' { "jsonrpc" :

"2.0" , "id" :

0 , "result" : result } result :object

- blockHeader
- :string
- (hex data)
- transaction
- :object
-
  - accessList
-
  - : array ofobject
-
  -
    - address
-
  -
    - :string
-
  -
    - (address)
-
  -
    - storageKeys
-
  -
    - : array ofstring
-
  -
    - (hex integer)
-
  - blobVersionedHashes
-
  - : array ofstring
-
  - (hex data)
-
  - blockHash
-
  - :string
-
  - (hash)
-

- blockNumber
  - :string
  - (hex integer)
- chainId
  - :string
  - (hex integer)
- data
  - :string
  - (hex data)
- from
  - :string
  - (address)
- gas
  - :string
  - (hex integer)
- gasPrice
  - :string
  - (hex integer)
- hash
  - :string
  - (hash)
- input
  - :string
  - (hex data)
- isSystemTx
  - :boolean
- maxFeePerBlobGas
  - :string
  - (hex integer)
- maxFeePerGas
  - :string
  - (hex integer)
- maxPriorityFeePerGas
  - :string

- (hex integer)
  - mint
- :string
- (hex integer)
  - nonce
- :string
- (hex integer)
  - r
- :string
- (hex integer)
  - s
- :string
- (hex integer)
  - sourceHash
- :string
- (hash)
  - to
- :string
- (address)
  - transactionIndex
- :string
- (hex integer)
  - type
- :integer
  - v
- :string
- (hex integer)
  - value
- :string
- (hex integer)
  - yParity
- :string
- (hex integer)
- txProof
- : array ofstring
- (hex data)

proof_getTransactionReceipt

This function should return the same result aseth_call and also proofs of all used accounts and their storages and serialized block headers.

- Parameters
- Request

- Response

- txHash

- :string
- (hash)
- includeHeader
- :boolean curl localhost:8545 \ -X POST \ -H

"Content-Type: application/json"

\ --data

'{ "jsonrpc": "2.0", "id": 0, "method": "proof_getTransactionReceipt", "params": [txHash, includeHeader] }' { "jsonrpc" :

"2.0" , "id" :

0 , "result" : result } result :object

- blockHeader
- :string
- (hex data)
- receipt
- :object
-
  - blobGasPrice
-
  - :string
-
  - (hex integer)
-
  - blobGasUsed
-
  - :string
-
  - (hex integer)
-
  - blockHash
-
  - :string
-
  - (hash)
-
  - blockNumber
-
  - :string
-
  - (hex integer)
-
  - contractAddress
-
  - :string
-
  - (address)
-
  - cumulativeGasUsed
-
  - :string
-
  - (hex integer)
-
  - effectiveGasPrice

- - :string
- - (hex integer)
- - error
- - :string
- - from
- - :string
- - (address)
- - gasUsed
- - :string
- - (hex integer)
- - logs
- - : array ofobject
  - -
    - address
- -
    - :string
- -
    - (address)
- -
    - blockHash
- -
    - :string
- -
    - (hash)
- -
    - blockNumber
- -
    - :string
- -
    - (hex integer)
- -
    - data
- -
    - :string
- -
    - (hex data)
- -
    - logIndex
- -
    - :string
- -

- - (hex integer)
- -
  - removed
- -
  - :boolean
- -
  - topics
- -
  - : array ofstring
- -
  - (hash)
- -
  - transactionHash
- -
  - :string
- -
  - (hash)
- -
  - transactionIndex
- -
  - :string
- -
  - (hex integer)
- - logsBloom
- - :string
- - (hex data)
- - root
- - :string
- - (hash)
- - status
- - :string
- - (hex integer)
- - to
- - :string
- - (address)
- - transactionHash
- - :string
- - (hash)
- - transactionIndex
- - :string

-
  - (hex integer)
-
  - type
-
  - :integer
- receiptProof
- : array ofstring
- (hex data)
- txProof
- : array ofstring
- (hex data) [Edit this page](#) Last updatedonMar 26, 2024