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)