parity namespace

parity_clearEngineSigner

- Request
- Response

curl localhost:8545 \ -X POST \ -H

"Content-Type: application/json"

\ --data

'{ "jsonrpc": "2.0", "id": 0, "method": "parity_clearEngineSigner", "params": [] }' { "jsonrpc" :

"2.0" , "id" :

0 , "result" : result } result :boolean

parity_enode

Returns the node enode URI.

- Request
- Response

curl localhost:8545 \ -X POST \ -H

"Content-Type: application/json"

\ --data

'{ "jsonrpc": "2.0", "id": 0, "method": "parity_enode", "params": [] }' { "jsonrpc" :

"2.0" , "id" :

0 , "result" : result } result :string

parity_getBlockReceipts

Get receipts from all transactions from particular block, more efficient than fetching the receipts one-by-one.

- Parameters
- Request

- Response

- blockParameter

- :string
- (block number or hash or either ofearliest
- ,finalized
- ,latest
- ,pending
- , orsafe
-) curl localhost:8545 \ -X POST \ -H

"Content-Type: application/json"

\ --data

'{ "jsonrpc": "2.0", "id": 0, "method": "parity_getBlockReceipts", "params": [blockParameter] }' { "jsonrpc" :

"2.0" , "id" :

0 , "result" : result } result : array ofobject

- 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

parity_netPeers

Returns connected peers. Peers with non-empty protocols have completed handshake.

- Request
- Response

curl localhost:8545 \ -X POST \ -H

"Content-Type: application/json"

\ --data

'{ "jsonrpc": "2.0", "id": 0, "method": "parity_netPeers", "params": [] }' { "jsonrpc" :

"2.0" , "id" :

0 , "result" : result } result :object

- active
- :string
- (hex integer)
- connected
- :string
- (hex integer)
- max
- :string
- (hex integer)
- peers
- : array ofobject
-
- - caps
-
- - : array ofstring
-
- - id
-
- - :string

- - name
- - :string
- - network
- - :object
-   - - localAddress
-   - - :string
-   - - remoteAddress
-   - - :string
- - protocols
- - : map ofobject
-   - - difficulty
-   - - :string
-   - - (hex integer)
-   - - headHash
-   - - :string
-   - - (hash)
-   - - version
-   - - :string
-   - - (hex data)

parity_pendingTransactions

Returns a list of transactions currently in the queue. If address is provided, returns transactions only with given sender address.

- Parameters
- Request

- Response

- address

- :string
- (address) curl localhost:8545 \ -X POST \ -H

"Content-Type: application/json"

\ --data

'{ "jsonrpc": "2.0", "id": 0, "method": "parity_pendingTransactions", "params": [address] }' { "jsonrpc" :

"2.0" , "id" :

0 , "result" : result } result : array ofobject

- blockHash
- :string
- (hash)
- blockNumber
- :string
- (hex integer)
- chainId
- :string
- (hex integer)
- condition
- :object
- creates
- :string
- (address)
- from
- :string
- (address)
- gas
- :string
- (hex integer)
- gasPrice
- :string
- (hex integer)
- hash
- :string
- (hash)
- input
- :string
- (hex data)
- nonce
- :string
- (hex integer)
- publicKey
- :object
-
  - address
-
  - :string
-
  - (address)
-
  - bytes
-
  - :string
-
  - (hex data)
-
  - prefixedBytes
-
  - :string
-
  - (hex data)
- r
- :string
- (hex data)
- raw
- :string
- (hex data)
- s
- :string
- (hex data)

- standardV
- :string
- (hex integer)
- to
- :string
- (address)
- transactionIndex
- :string
- (hex integer)
- v
- :string
- (hex integer)
- value
- :string
- (hex integer)

parity_setEngineSigner

- Parameters
- Request

- Response

- address

- :string
- (address)
- password
- :string curl localhost:8545 \ -X POST \ -H

"Content-Type: application/json"

\ --data

'{ "jsonrpc": "2.0", "id": 0, "method": "parity_setEngineSigner", "params": [address, password] }' { "jsonrpc" :

"2.0" , "id" :

0 , "result" : result } result :boolean

parity_setEngineSignerSecret

- Parameters
- Request

- Response

- privateKey

- :string curl localhost:8545 \ -X POST \ -H

"Content-Type: application/json"

\ --data

'{ "jsonrpc": "2.0", "id": 0, "method": "parity_setEngineSignerSecret", "params": [privateKey] }' { "jsonrpc" :

"2.0" , "id" :

0 , "result" : result } result :boolean