

debug_traceCall

Returns the number of possible tracing result by executing aneth_call within the context of the given block execution.

Parameters

- Transaction object with the foloowing fields:* from
 - : (string) address (20 bytes) the transaction is sent from.
- - to
- - : (string)[required]
- - address (20 bytes) the transaction is directed to.
- - gas
- - : (string) hexadecimal value of the gas provided for the transaction execution.eth_call
- - consumes zero
- - gas, but this parameter may be needed by some executions.
- - gasPrice
- - : (string) hexadecimal value of thegasPrice
- - used for each paid gas.
- - maxPriorityFeePerGas
- - : (string) maximum fee, in Wei, the sender is willing to pay per gas above the base fee.
- - See[EIP-1559 transactions](#)
- - .
- - maxFeePerGas
- - : (string) maximum total fee (base fee + priority fee), in Wei, the sender is willing to pay per gas.
- - See[EIP-1559 transactions](#)
- - .
- - value
- - : (string) hexadecimal of the value sent with this transaction.
- - data
- - : (string) hash of the method signature and encoded parameters.
- - See[Ethereum contract ABI specification](#)
- - .
- block parameter
- : [Required
-] hexadecimal block number, or one of the string tagslatest
- ,earliest
- ,pending
- ,safe
- , orfinalized
- .
- See the[default block parameter](#)
- .
- Optional tracing options object with the following fields:* tracer
 - : (string)[optional]
- - type of tracer. Supports[callTracer](#)
- - or[prestateTracer](#)
- - .
- - tracerConfig
- - : (object)[optional]
- - tracer configuration options:* onlyTopCall
- - - : (boolean)[optional]
- - - whentrue

- - - , will only trace the primary (top-level) call and not any
- - - sub-calls. It eliminates the additional processing for each call frame.

Returns

Depending on the specified tracer type, returns a [callTracer](#) object or [prestateTracer](#) object.

Example

Replace YOUR-API-KEY with an API key from your [Infura dashboard](#).

Request

- cURL

```
curl https://mantle-mainnet.infura.io/v3/\ -X POST \-H "Content-Type: application/json" \-d '{"method":"debug_traceCall","params": [{"to":"0x6b175474e89094c44da98b954eedeac49521d0f","data":"0x70a0823100000000000000000000000000000006E0d01A76C3Cf4288372a29124A26D4353EE51BE"}, {"latest"}, {"tracer": "callTracer"}], "id": 1, "jsonrpc": "2.0"}'
```

Result

```
{ "jsonrpc": "2.0", "id": 1, "result": { "from": "0x00000000000000000000000000000000", "gas": "0x28cc0", "gasUsed": "0x3635000", "to": "0x6b175474e89094c44da98b954eedefac495271d0f", "input": "0x70a082310000000000000000000000006e0d01a76c3cf4288372a29124a26d4353ee51be", "value": "0x0", "type": "CALL" } }
```

Last updated on Jun 5, 2024 [Previous debug_traceBlockByNumber](#) [Next debug_traceTransaction](#)