

trace_transaction

Provides transaction processing of type [trace](#) for the specified transaction. Use this API to improve smart contract performance by analyzing its internal transactions and execution steps. You can use this information to identify bottlenecks and optimize the contract for better performance.

Parameters

- transaction hash
- :[Required]
- The transaction hash.

Returns

- A list of [traces](#)
- in the order called by the transaction.

Example

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

Request

- cURL
- WSS

```
curl https://mainnet.infura.io/v3/YOUR-API-KEY \-X POST \-H "Content-Type: application/json" \-d '{"jsonrpc": "2.0", "method": "trace_transaction", "params": ["0x4c253746668dca6ac3f7b9bc18248b558a95b5fc881d140872c2dff984d344a7"],"id": 1}' wscat -c wss://mainnet.infura.io/ws/v3/YOUR-API-KEY -x '{"jsonrpc": "2.0", "method": "trace_transaction", "params": ["0x4c253746668dca6ac3f7b9bc18248b558a95b5fc881d140872c2dff984d344a7"],"id": 1}'
```

Response

- JSON

```
{ "jsonrpc": "2.0", "result": [ { "action": { "callType": "call", "from": "0xfe3b557e8fb62b89f4916b721be55ceb828dbd73", "gas": "0xffad82", "input": "0x0000000000000000000000000000000000000000000000000000000000000000", "to": "0x0020000000000000000000000000000000000000000000000000000000000000", "value": "0x0" }, "blockHash": "0x71512d31e18f828cef069a87bc2c7514a8ca334f9ee72625efdf5cc2d43768dd", "blockNumber": 6, "result": { "gasUsed": "0x7536", "output": "0x" }, "subtraces": 1, "traceAddress": [], "transactionHash": "0x91eeabc671e2dd2b1c8ddebb46ba59e8cb3e7d189f80bcc868a9787728c6e59e", "transactionPosition": 0, "type": "call" }, }
```

Last updated on Apr 19, 2024 [Previous trace_filter](#) [Next web3_clientVersion](#)