

Trace methods

Infura provides access to the following trace API methods to allow users to gain insights into the execution of smart contracts and transactions:

- [trace_block](#)
- [trace_transaction](#)

info * Trace API is currently an open beta feature, available to paying Infura customers. * [trace_block](#) * and [trace_transaction](#) * returns [trace](#) * diagnostic information.

trace

Provides an ordered trace of the instructions executed by the Ethereum Virtual Machine (EVM) during the execution of a smart contract transaction. Excludes precompiled contracts.

Trace example "trace":[{ "action":{ "callType":"call", "from":"0xfe3b557e8fb62b89f4916b721be55ceb828dbd73", "gas":"0xffadea", "input":"0x", "to":"0x010000000000000000000000000000000000", "value":"0x0" }, "result":{ "gasUsed":"0x1e", "output":"0x" }, "subtraces":0, "traceAddress":[], "type":"call" }] Key Value action Transaction details. callType Whether the transaction is call or create . from Address of the transaction sender. gas Gas provided by sender. input Transaction data. to Target of the transaction. value Value transferred in the transaction. result Transaction result. gasUsed Gas used by the transaction. Includes any refunds of unused gas. output Return value of the contract call. Contains only the actual value sent by a RETURN operation. If a RETURN was not executed, the output is empty bytes. subTraces Traces of contract calls made by the transaction. traceAddress Tree list address of where the call occurred, address of the parents, and order of the current sub call. transactionHash Hash of the transaction. transactionPosition Transaction position. type Whether the transaction is a CALL or CREATE series operation.

Last updated on Apr 19, 2024 [Previous eth_unsubscribe](#) [Next trace_block](#)