

starknet_call

Calls the specified contract function at the specified block, and returns the value of the function, without creating a StarkNet transaction. This method does not change the network state.

Parameters

- request
 - : [Required]
 -] The function call object containing:* contract_address
 - - : (string) [Required]
 - -] Address the transaction is sent from.
 - - entry_point_selector
 - - : (string) [Required]
 - -] Smart contract entry point selector.
 - - calldata
 - - : (array of strings)[Required]
 - -] The parameters passed to the function.
 - block_id
 - : [Required]
 -] The block parameter object containing one of the following:* block_hash
 - - : (string) Block hash.
 - - block_number
 - - : (integer) Decimal block number.
 - - One of the string tagslatest
 - - orpending
 - - .

Returns

The function's return value.

Example

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

Request

- cURL

```
curl https://starknet-mainnet.infura.io/v3/YOUR-API-KEY \-X POST \-H "Content-Type: application/json" \-d '{ "jsonrpc": "2.0", "method": "starknet_call", "params": { "request": { "contract_address": "0x049E0cCb70e1F1684F43116e9E42e60D0f64d3D254Be8D8A1143dba43dEad733", "calldata": ["0xbfc2ea1a458d7cac752a4a688dbb8e0cff399e1b"], "entry_point_selector": "0x12ead94ae9d3f9d2bdb6b847cf255f1f398193a1f88884a0ae8e18f24a037b6" }, "block_id": { "block_number": 470207 } }, "id": 0 }'
```

Response

- JSON

```
{ "jsonrpc": "2.0", "result": [], "id": 0 }
```

