

starknet_getBlockWithTxns

Returns block information of the specified block, including a list of transaction objects.

Parameters

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 tags latest
- or pending
- .

Returns

A block object or pending block object containing:

- status
- : The status of the block (PENDING
- , ACCEPTED_ON_L2
- , ACCEPTED_ON_L1
- , or REJECTED
-).
- block_hash
- : The block hash.
- This is not included in a pending block object.
- parent_hash
- : The hash of this block's parent.
- block_number
- : The block number.
- This is not included in a pending block object.
- new_root
- : The new global state root.
- This is not included in a pending block object.
- timestamp
- : The time at which the block was created.
- sequencer_address
- : The StarkNet identity of the sequencer submitting this block.
- l1_gas_price
- : The price of L1 gas in the block.
- An object containing price_in_fri
- (gas price denominated in fri) or price_in_wei
- (gas price
- denominated in wei).
- starknet_version
- : Version of the current StarkNet protocol.
- transactions
- : An array of transaction objects included in this block.

Example

Replace YOUR-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_getBlockWithTxns", "params": { "block_id": { "block_hash": "0x041b10c45dc3f39372f7b9409261cac9d880c5d75a5bb077d028db20b1bd76c4" } }, "id": 0 }'
```

Response

- JSON

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]


```
"0x3b554093fb0a7460913be2d5c011cb5ac4333dfcfe6125851bcd3f926a3b558",
"0x1fd12fd4580400368d8953eca1bf472ee233e7e06245d1ef8c176ff12bd3c4", "0x1", "0x434149524f", "max_fee":
"0x2c68af0bb140000", "nonce": "0xf", "sender_address":
"0x67d96b338b55f1644fc7231a907f738541d6840b03491d74507eb0de40b68c6", "signature":
["0x6fc7dcc4588761e802d03f074529286860dff5c59b16fd221f08397374961eb",
"0x4039c7009b9e251dccc14cd03171f53eb6bad3705bd80d64ffc3ac4a55e521c"], "transaction_hash":
"0x4371f723d29a0bfe4143c29f8e12991590c0ae38538e49563ad91540ee6de3", "type": "INVOKE", "version": "0x1" }, {
"calldata": ["0x2", "0x49d36570d4e46f48e99674bd3fcc84644ddd6b96f7c741b1562b82f9e004dc7",
"0x219209e083275171774dab1df80982e9df2096516f06319c5c6d71ae0a8480c", "0x0", "0x3",
"0x3b554093fb0a7460913be2d5c011cb5ac4333dfcfe6125851bcd3f926a3b558",
"0x1fd12fd4580400368d8953eca1bf472ee233e7e06245d1ef8c176ff12bd3c4", "0x3", "0x1", "0x4",
"0x3b554093fb0a7460913be2d5c011cb5ac4333dfcfe6125851bcd3f926a3b558", "0x33ba3e2bee000", "0x0",
"0x434149524f"], "max_fee": "0x38d7ea4c68000", "nonce": "0x17", "sender_address":
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["0x2e2620b94659b5f4725704be47a6178ba0f32a357f32ed52beb8ed4543696d8",
"0x47ee15096d3cc4ab2c2131bda49b4cc6649832459d1c64ff5ff0c7444f49fce4"], "transaction_hash":
"0x39cbca70da5074f815d18a62ac5c8b83d2ba66547a4a012a2395dff4aaf36b2", "type": "INVOKE", "version": "0x1" }, {
"calldata": ["0xb", "0x49d36570d4e46f48e99674bd3fcc84644ddd6b96f7c741b1562b82f9e004dc7",
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"0x3b554093fb0a7460913be2d5c011cb5ac4333dfcfe6125851bcd3f926a3b558",
"0x1fd12fd4580400368d8953eca1bf472ee233e7e06245d1ef8c176ff12bd3c4", "0x1", "0x434149524f",
"0x3b554093fb0a7460913be2d5c011cb5ac4333dfcfe6125851bcd3f926a3b558",
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"0x3b554093fb0a7460913be2d5c011cb5ac4333dfcfe6125851bcd3f926a3b558",
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"0x3b554093fb0a7460913be2d5c011cb5ac4333dfcfe6125851bcd3f926a3b558",
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"0x3b554093fb0a7460913be2d5c011cb5ac4333dfcfe6125851bcd3f926a3b558",
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"0x18d43ec13d5b27c7352162a2b249c2fdf02fb13063b3ff975a3a47fa7bd78d9", "signature":
["0x1b72166ae8c0c6756a98ffb2f1c094855b1d2ea2fee645707f0ba709e6119eb",
"0x762d0c01dee0625146f617f77fa8168b55a546583782493ac8f2fbd7d4fe9e3"], "transaction_hash":
"0x42cb3ec5e6a0587ab5d0e688a72758f14ded2e7ab11ac4b317cc9587f889048", "type": "INVOKE", "version": "0x1" ]} }
```

Last updated on May 9, 2024 [Previous starknet_getBlockWithTxHashes](#) [Next starknet_getClass](#)