getUserOperationByHash

Return a User Operation based on a User Operation hash.

Usage

example.ts client.ts ```

File example.ts import{ bundlerClient }from"./client"

constuserOperationByHash=awaitbundlerClient.getUserOperationByHash({ hash:"0x3c037f957fde5d87e35d5b8582f6c274343bcf3bc0e010d72fc2de0e27f4a6aa" }) /* * { *"userOperation"*: { *"sender"*: *"0x277F6C1D8d4faFA3d8DcC837489cd69d86c682BA"*, *"nonce"*: 3n, *"initCode"*: *"0x67df23f0c2a43bcc7727e5aa76112f286619ea0e5fbfb9cf000000000000000000000003576204352772776d5f4c9aae84e06e03a143c000000000000000000000000000000000000000000000000 "callData"*: *"0xb61d27f60000000000000000000000000c7cae1986efb06d5e8041724b4a53ad165ffa0220000000000000000000000000000000000000000000000000000000000000000 "callGasLimit"*: 1500000n, *"verificationGasLimit"*: 500000n, *"preVerificationGas"*: 54728n, *"maxFeePerGas"*: 3620810421n, *"maxPriorityFeePerGas"*: 3620810391n, *"paymasterAndData"*: *"0x1dbab8914a76e9c294bb192d6cec9dbec193922100000000000000000000000000000000000000000000000000000000651357d5000000000000000000000000000000000000000000000000 "signature"*: *"0x073fecd688deed195a6210fec2851a33c7556b531753b698bebfd5c5491ff64520776269a5ce5f80caa4456258c725feeccea4265f007e269c7912a8d3f1c8531b"* }, *"entryPoint"*: *"0x5FF137D4b0FDCD49DcA30c7CF57E578a026d2789"*, *"transactionHash"*: *"0x975a6bac5f562a2cb8218945b4e4304f6d10afa4aa6f02830e6d6dcafc450d66"*, *"blockHash"*: *"0x195f37194aedaf129e756f35613178aa197949f0cbdcd684f8573b1afc34924c"*, *"blockNumber"*: 40552848n } /

```

## Returns

- Type:
- UserOperationByHashResult

The User Operation information with Entry Point, TransactionHash, BlockHash, and BlockNumber fields.

## Parameters

**hash**

- Type:
- Hash

The User Operation hash.

## JSON-RPC Method

eth_estimateUserOperationByHash