

## debug\_traceBlockByHash

Returns tracing results by executing all transactions in the block specified by the block hash.

## Parameters

- blockHash
- : (string)[required]
- hash of the block to trace.
- Optional tracing options object with the following fields:\* tracer
  - : (string)[optional]
- 
- type of tracer. Supports [callTracer](#)
- 
- or [prestateTracer](#)
- 
- .
- 
- tracerConfig
- 
- : (object)[optional]
- 
- tracer configuration options:\* onlyTopCall
- 
- - : (boolean)[optional]
- 
- - when true
- 
- - , will only trace the primary (top-level) call and not any
- 
- - sub-calls. It eliminates the additional processing for each call frame.

## Returns

Depending on the specified tracer type, returns a [callTracer](#) object or [prestateTracer](#) object.

## Example

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

## Request

- cURL

```
curl https://mantle-mainnet.infura.io/v3/-X POST -H "Content-Type: application/json" -d '{"method": "debug_traceBlockByHash", "params": ["0xec8cb29209d9170b31008738ec9e80acc2257249cfd0f4bce19590cd09834c8"], "tracer": "callTracer"}', 'id': 1, 'jsonrpc': '2.0'}
```

## Result

[illegible]

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