

EIP 234: `blockHash` to JSON-RPC filter options (DRAFT)

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Table 1: Data sheet for Add `blockHash` to JSON-RPC filter options.

Title	Add `blockHash` to JSON-RPC filter options.
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Status	Draft
Created	2017-03-24
Description	http://eips.ethereum.org/EIPS/eip-234
Specification	http://eips.ethereum.org/EIPS/eip-234#Specification
Category	Interface

Simple Summary

Add an option to JSON-RPC filter options (used by `eth_newFilter` and `eth_getLogs`) that allows specifying the block hash that should be included in the results. This option would be an alternative to `fromBlock/toBlock` options.

Abstract

This addition would allow clients to fetch logs for specific blocks, whether those blocks were in the current main chain or not. This resolves some issues that make it difficult/expensive to author robust clients due to the nature of chain reorgs, unreliable network connections and the result set not containing enough details in the empty case.

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Last update: 2020/11/13 02:16

