

EIP 695: Create `eth\_chainId` method for JSON-RPC (DRAFT)

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Table 1: Data sheet for Create `eth\_chainId` method for JSON-RPC

Title	Create `eth_chainId` method for JSON-RPC
Author	Isaac Ardis, Wei Tang, Fan Torchz
Status	Draft
Created	2017-08-21
Description	http://eips.ethereum.org/EIPS/eip-695
Specification	http://eips.ethereum.org/EIPS/eip-695#Specification
Category	Interface

Simple Summary

Include `eth_chainId` method in `eth_`-namespaced JSON-RPC methods.

Abstract

The `eth_chainId` method should return a single `STRING` result for an integer value in hexadecimal format, describing the currently configured “Chain Id” value used for signing replay-protected transactions, introduced via [EIP 155: Simple replay attack protection](#) | EIP-155]].

Motivation

Currently although we can use `net_version` [RFC1831 - Remote Procedure Call Protocol Specification Version 2 \(RPC\)](#) call to get the current network ID, there’s no RPC for querying the chain ID. This makes it impossible to determine the current actual [blockchain](#) using the RPC.

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