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Metis Chain API Quickstart

Get started building on Metis chain and using the JSON-RPC API

To use the Metis Chain API you'll need to reate a free Alchemy account first!

Introduction

Metis is an EVM-compatible blockchain designed to provide high performance, scalability, and security for decentralized applications (dApps). Known for its fast and low-cost transactions, Metis offers a robust environment for deploying Ethereum-based applications with enhanced scalability and performance.

What is the Metis Chain API?

The Metis Chain API facilitates interaction with the Metis network through a collection of JSON-RPC methods. Given its compatibility with the Ethereum ecosystem, developers familiar with Ethereum's JSON-RPC APIs will find working with Metis both intuitive and straightforward.

NOTE

Metis is only available on paid tiers (growth, scale, enterprise). If you're on free tie $\underline{\text{rupgrade}}$ your account to use Metis. If you want us to support Metis on free tier, please $\underline{\text{request here}}$.

Getting Started Instructions

1. Choose a Package Manager (npm or yarn)

Your first step involves selecting a package manager, which will be crucial for managing your project's dependencies. The choice between npm and yarn depends on your personal preference or project requirements.

npm yarn Begin with npm by following thenpm documentation. For yarn, refer toyarn's installation guide.

2. Set Up Your Project

To kickstart your project, open your terminal and execute the following commands:

npm yarn mkdir metis-api-quickstart cd metis-api-quickstart npm init --yes mkdir metis-api-quickstart cd metis-api-quickstart yarn init --yes This creates a new directory named metis-api-quickstart and initializes a Node.js project within it.

3. Make Your First Request

For making API requests, we'll use Axios, a widely-used HTTP client. Install Axios with the following command:

Bash npm install axios# Or with yarn

yarn add axios

Next, create an index.js file in your project directory. Paste the following code to send a request to the Metis network:

JavaScript const axios = require ('axios');const url = https://metis-mainnet.g.alchemy.com/v2{ yourAPIKey} ;const payload = {jsonrpc :'2.0', id :1, method :'eth_blockNumber', params : [] };axios .post (url, payload) .then (response => {console .log ('Block Number:', response .data .result); }) .catch (error => {console .error (error); }); Remember to replace yourAPIKey with your actual Alchemy API key that you can get from yourAlchemy dashboard.

4. Run Your Script

To execute your script and make a request to the Metis Chain, run:

Bash node index.js You should see the current block number on Metis Chain (in hexadecimal format) outputted to your console:

Block Number: 0x6d68e

Next Steps

Well done! You've just made your first request to the Metis Chain API. With this foundation, you can dive deeper into the array of JSON-RPC methods available on Metis Chain and start building your dApps on it!

Updated 5 months ago

Berachain API Endpoints Metis Chain API FAQ Did this page help you?Yes No