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CrossFi API Quickstart

Get started building on CrossFi and using the JSON-RPC API

To use the CrossFi API you'll need to create a free Alchemy account first!

Introduction

CrossFi is a blockchain platform built to enable seamless cross-chain asset transfers and decentralized finance (DeFi) applications. With a focus on interoperability, security, and scalability, CrossFi provides developers and users with a powerful ecosystem for deploying decentralized applications (dApps) that can operate across multiple blockchain networks.

Please note that we currently only support CrossFi testnet RPC

What is the CrossFi API?

The CrossFi API facilitates interaction with the CrossFi network through a collection of JSON-RPC methods. Given its developer-friendly design, those familiar with Ethereum's JSON-RPC APIs will find working with CrossFi intuitive and straightforward.

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 then m documentation. For yarn, refer to yarn's installation guide.

2. Set Up Your Project

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

npm yarn mkdir crossfi-api-quickstart cd crossfi-api-quickstart npm init --yes mkdir flow-api-quickstart cd flow-api-quickstart

yarn init --yes This creates a new directory named crossfi-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 CrossFi network:

JavaScript const axios = require ('axios');const url =https://crossfi-testnet.g.alchemy.com/v2{ yourAPIKey } ;const payload = {jsonrpc :'2.0' ,id :1 ,method :'eth_blockNumber' ,params : [] };axios .post (url ,payload) .then (response => {console .log ('Latest Block:' ,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 CrossFi network, run:

Bash node index.js You should see the latest block information from CrossFi's blockchain outputted to your console:

Latest Block: { ... }

Next Steps

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

Updated about 2 months ago

Flow API Endpoints CrossFi API FAQ Did this page help you?Yes No