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Unichain API FAQ

Frequently asked questions about the Unichain API

What is Unichain?

Unichain is a DeFi-native Ethereum Layer 2 blockchain, designed to be the home for liquidity across chains. It aims to provide faster and cheaper transactions while supporting cross-chain liquidity.

What are the key features of Unichain?

- 1. Instant transactions
- 2. : Unichain launches with 1-second block times, with plans to achieve 250 ms block times in the future.
- 3. Reduced cost and further decentralization
- 4. : Unichain leverages Ethereum's scaling roadmap by moving execution to an L2, lowering transaction costs by approximately 95%.
- 5. Cross-chain liquidity
- 6. : Unichain supports seamless transactions across multiple chains, facilitating easy access to liquidity regardless of the user's chain.

What is the Unichain API?

The Unichain API allows developers to interact with the Unichain network through a set of JSON-RPC methods. It supports various operations such as smart contract deployment, transaction processing, and data retrieval, enabling developers to integrate Unichain's functionality into their applications.

How can I get started using the Unichain API?

Explained in the Unichain API Quickstart guide.

Is Unichain EVM compatible?

Yes, Unichain is EVM-compatible as it's built as an Ethereum Layer 2 solution.

What programming languages can I use with Unichain?

You can use Solidity for smart contract development. For off-chain interactions, you can use languages that support Ethereum libraries like JavaScript (with ethers.js or web3.js).

What API does Unichain use?

Unichain utilizes the JSON-RPC API standard, which is widely used in the Ethereum ecosystem. This provides a familiar and efficient interface for blockchain interactions.

What is a Unichain API key?

When accessing the Unichain network via a service provider like Alchemy, developers need an API key to send transactions and retrieve data. An API key ensures secure and authenticated access to the network.

Where can I find more detailed information about Unichain?

For more comprehensive information, refer to the Unichain Whitepaper and explore the official documentation at https://docs.unichain.org/docs

How does Unichain improve market efficiency?

By reducing latency with faster block times, Unichain increases the frequency of arbitrage and lowers value lost to MEV (Miner Extractable Value).

What methods does Alchemy support for the Unichain API?

Check outUnichain API Endpoints

My question isn't here, where can I get help?

If your question isn't addressed here, don't hesitate to reach out. You can ask questions in our community.

Updated 27 days ago

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