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# **Lumia API Quickstart**

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

## Introduction

Lumia is the first next-gen, ultra capital efficient, hyper-liquid zkEVM utilising cutting edge tech stack: PolygonCDK, AvailDA and (redundancy) private DAC, Polygon AggLayer, Gevolut, custom AVS', Chain Abstraction, Account Abstraction and more, thanks to co-development efforts between GatewayFM (RaaS) and Lumia's tech team.

### What is the Lumia API?

The Lumia API allows interaction with the Lumia network through a set of JSON-RPC methods. Its design is familiar to developers who have worked with Ethereum's JSON-RPC APIs, making it intuitive and straightforward to use.

# **Getting Started Instructions**

#### 1. Choose a Package Manager (npm or yarn)

Select a package manager to manage your project's dependencies. Choose between npm and yarn based on your preference or project requirements.

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

#### 2. Set Up Your Project

Open your terminal and execute the following commands to create and initialize your project:

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

#### 3. Make Your First Request

Install Axios, a popular HTTP client, to make API requests:

Bash npm install axios# Or with yarn

# yarn add axios

Create an index.js file in your project directory and paste the following code:

JavaScript const axios = require ('axios');const url = 'https://lumia-prism.g.alchemy.com/v2{your-api-key}';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 your-api-key with your actual Alchemy API key that you can get from your<u>Alchemy dashboard</u>.

#### 4. Run Your Script

Execute your script to make a request to the Lumia mainnet:

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

Latest Block: 0x...

## **Next Steps**

Congratulations! You've made your first request to the Lumia network. You can now explore the various son-RPC methods available on Lumia and start building your dApps on this innovative platform.

Updated 2 months ago

Ink API Endpoints Lumia API FAQ Did this page help you?Yes No