Introduction

- Alchemy API Reference Overview
 - Chain APIs Overview
 - Enhanced APIs Overview
- Alchemy Quickstart Guide

Pricing & Resources

- Pricing
- .
- Compute Units
- Compute Unit Costs
- Pricing FAQ
 - Pay As You Go Pricing FAQ
 - New Pricing for Existing Scale and Growth Customers
- Resources
 - Feature Support By Chain
 - Throughput
 - Batch Requests
- Gas Limits
 - Error Reference

Alchemy Rollups

- Rollups Quickstart
- Supported Stacks
- Bridge Contract Address Quickstart

Embedded Accounts

- Quickstart
- Try demo
- Account Kit Docs
- Accounts API Endpoints
 - Create Account post
 - Send Auth Email post
 - Authenticate User post
 - Get User post
 - Sign Message post
 - Register New Authenticator post

BUNDLER API

- Supported Chains
- Bundler API Quickstart
- Bundler API Endpoints
- eth_getUserOperationReceipt post

•

- eth_supportedEntryPoints post
 eth_getUserOperationByHash post
 eth_sendUserOperation post
 rundler_maxPriorityFeePerGas post
 - eth_estimateUserOperationGas post
 - Bundler API Fee Logic
 - Bundler RPC Errors
- UserOperation Simulation Endpoints
- alchemy_simulateUserOperationAssetChanges post
 FattyPoint v0.6 Revert Codes
- EntryPoint v0.6 Revert Codes
 - AA10 sender already constructed
 - AA13 initCode failed or OOG
- AA14 initCode must return sender
- AA15 initCode must create sender
 - AA20 account not deployed
- AA21 Didn't pay prefund
- AA22 expired or not due
- AA23 reverted (or OOG)
- AA24 signature error
 - AA25 Invalid account nonce
- AA30 paymaster not deployed
- AA31 paymaster deposit too low
- AA32 Paymaster expired or not due
- AA33 reverted (or OOG)
 - AA34 Signature Error
 - AA40 over verificationGasLimit
- AA41 too little verificationGas
- AA50 postOp reverted
 - AA51 prefund below actualGasCost
 - AA90 invalid beneficiary
- AA91 failed send to beneficiary
- AA92 internal call only
- AA93 invalid paymasterAndData
 - AA94 gas values overflow
- AA95 out of gas
- AA96 invalid aggregator
- EntryPoint v0.7 Revert Codes

- Factory Addresses
- FAQs

Gas Manager Admin API

- Supported Chains
- Gas Manager Coverage API Quickstart
- Gas Manager Coverage API Endpoints
 - alchemy_requestPaymasterAndData post
 - <u>alchemy_requestGasAndPaymasterAndData_post</u>
 - pm_getPaymasterData post
 - pm_getPaymasterStubData post
- · Gas Manager Admin API Quickstart
- Gas Manager Admin API Endpoints
 - Create Policy post
 - Get Policy get
 - Delete Policy delete
 - Replace Policy put
- Get All Policies get
- Update Policy Status put
 - Get Policy Stats get
 - Get Sponsorships get
- Gas Manager Coverage API Fee Logic & Usage Limits
- Gas Manager Errors
- Gas Manager Deployment Addresses

NFT API

- NFT API Quickstart
- NFT API Endpoints Overview
- NFT API FAQ
- NFT Ownership Endpoints
 - NFTs By Owner get
- Owners By NFT get
 - Owners By Contract get
- Is Holder Of Contract get
 - Contracts By Owner get
- Collections By Owner get
- NFT Metadata Endpoints
 - NFTs By Contract get
- NFTs By Collection get
- NFT Metadata By Token ID get
- NFT Metadata By Token ID [Batch] post
- Contract Metadata By Address get

- Collection Metadata By Slug get
 Invalidate Contract Cache get
 Contract Metadata By Address [Batch] post
 - Attributes Summary By Contract get
 - Search Contract Metadata get
 - Attribute Rarity By NFT get
 - Refresh NFT Metadata post
 - NFT Spam Endpoints
 - · Spam Contracts get
 - Is Spam Contract get
 - Is Airdrop NFT get
 - Report Spam Address get
 - NFT Sales Endpoints
 - Floor Prices By Slug get
 - NFT Sales get

Transfers API (Tx History)

- Transfers API Quickstart
- Transfers API Endpoints
 - alchemy_getAssetTransfers post

Transaction Receipts API

- Transaction Receipts Endpoints
 - alchemy getTransactionReceipts post

Token API

- Token API Quickstart
- Token API Endpoints
 - Token Balances By Wallet post
 - Token Metadata By Contract post
 - Token Allowance By Spender & Owner post

Prices API

- Prices API Quickstart
- Prices API FAQ
- Prices API Endpoints
- Token Prices By Symbol get
 - Token Prices By Address post
 - Historical Token Prices post

Subgraphs

- Subgraphs Quickstart
 Supported Subgraph Chains
 Developing a Subgraph
 Graph CLI
 Creating a Subgraph
 - Project Structure
 - Data Sources
 - Writing Mappings
 - Moving your Subgraph to Production
 - Deploying a Subgraph
 - Subgraph Versioning
 - Querying a Subgraph
 - Deleting a Subgraph
 - Direct Database Access
 - Community subgraphs

Webhooks

- Webhooks API Quickstart
 - Webhooks Tutorials and Applications
 - Webhooks API FAQ
- Custom Webhooks Quickstart
 - Custom Webhooks FAQ
 - Custom Webhooks GraphQL Examples
 - Custom Webhook Filters
 - Custom Webhook Variables
- Custom Webhook API Methods
 - Read Variable Elements get
- Create a Variable post
 - Delete a Variable delete
 - Update a Variable patch
- Notify API Methods
 - Get all webhooks get
- Get all addresses for an Address Activity webhook get
- Create webhook post
- Add and remove webhook addresses patch
- Replace webhook addresses put
- Update webhook status put
- Update webhook NFT filters patch
- Update NFT metadata webhook filters patch

- Get all webhook NFT filters get
 Delete webhook delete
 Webhook Types
 Custom Webhook
 - Address Activity Webhook
 - Mined Transaction Webhook
 - Dropped Transaction Webhook
 - NFT Activity Webhook
 - NFT Metadata Updates Webhook

Websockets

- Subscription API Quickstart
- Best Practices for Using WebSockets in Web3
- Subscription API Endpoints
 - alchemy_minedTransactions
 - alchemy_pendingTransactions
 - newPendingTransactions
 - newHeads
 - logs

Trace API

- Trace API Quickstart
- Trace API Endpoints
- trace_block post
 - trace_call post
 - trace get post
 - trace_rawTransaction post
- trace replayBlockTransactions post
- trace_replayTransaction post
- trace transaction post
- trace_transaction post
- trace_filter post
- Trace API Resources
 - What are EVM Traces?
- Trace API vs. Debug API
- What is trace_transaction?
- What is trace block?
- What is trace_filter?
- - trace_call vs debug_traceCall

Debug API

- Debug API Quickstart
- Debug API Endpoints
- .
- debug traceCall post
- .
 - debug_traceTransaction post
 - debug_traceBlockByNumber post
 - debug_traceBlockByHash post
 - debug getRawBlock post
 - debug getRawHeader post
 - debug getRawReceipts post

Alchemy Transact

- Transact Quickstart
- Transaction Simulation
 - Asset Changes
 - Execution Simulation
- Bundle Simulation
 - Transaction Simulation Examples
- Transaction Simulation FAQs
- Transaction Simulation Endpoints
 - alchemy simulateAssetChanges post
 - alchemy simulateAssetChangesBundle post
 - alchemy simulateExecution post
- <u>alchemy_simulateExecutionBundle_post</u>
- Gas Optimized Transactions
 - alchemy getGasOptimizedTransactionStatus post
- alchemy sendGasOptimizedTransaction post
- Private Transactions
 - eth_cancelPrivateTransaction post
 - eth_sendPrivateTransaction post

Alchemy SDK

- Alchemy SDK Quickstart
 - How to use Alchemy SDK with Typescript
- Examples Using the Alchemy SDK
 - How to Manage a Multichain Project Using Alchemy SDK
- Alchemy SDK Surface Overview
 - Alchemy SDK vs. Raw API Methods
- SDK Core Methods

- call SDK
- send SDK
- - estimateGas SDK
- findContractDeployer SDK
- getBalance SDK
- getBlock SDK
- getBlockNumber SDK
- getBlockWithTransactions SDK
- getCode SDK
- getFeeData SDK
 - getGasPrice SDK
- getLogs SDK
- getStorageAt SDK
 - getTokenBalances SDK
 - getTokenMetadata SDK
- getTokensForOwner SDK
- getTransactionCount SDK
 - getTransactionReceipt SDK
- getTransactionReceipts SDK
- isContractAddress SDK
- getAssetTransfers SDK
- **SDK NFT Methods**
 - getNftsForOwner SDK
- getNftMetadata -SDK
- getNftMetadataBatch SDK
- refreshNftMetadata SDK
- getNftSales SDK
 - searchContractMetadata SDK
- summarizeNftAttributes SDK
- getNftsForOwnerIterator SDK
- getNftsForContractIterator SDK
- getContractMetadata SDK
- getNftsForContract -SDK
- getTransfersForOwner SDK
- getTransfersForContract SDK

getMintedNfts - SDK getOwnersForNft - SDK getOwnersForContract - SDK getSpamContracts -SDK isSpamContract - SDK • refreshContract - SDK • getContractsForOwner - SDK • getFloorPrice - SDK • computeRarity - SDK • verifyNftOwnership - SDK **SDK Transact Methods** • getTransaction - SDK sendTransaction - SDK • sendPrivateTransaction - SDK cancelPrivateTransaction - SDK waitForTransaction - SDK estimateGas - SDK • getMaxPriorityFeePerGas - SDK • simulateAssetChanges - SDK • simulateAssetChangesBundle - SDK • simulateExecution - SDK • simulateExecutionBundle - SDK **SDK Debug Methods** traceCall - SDK • traceTransaction - SDK traceBlock - SDK **SDK Notify Methods** getAllWebhooks - SDK getAddresses - SDK • getNftFilters - SDK • createWebhook - SDK • updateWebhook - SDK • deleteWebhook - SDK **SDK WebSockets Endpoints SDK Ethers Utils** arrayify

 formatUnits concat <u>hexConcat</u> • <u>dnsEncode</u> <u>hexDataLength</u> • formatEther hexDataSlice • <u>hexStripZeros</u> hashMessage isHexString • isValidName • joinSignature • splitSignature • toUtf8Bytes • <u>hexValue</u> toUtf8String <u>hexZeroPad</u> zeroPad hexlify • <u>id</u> • isBytes • isBytesLike Interface namehash parseEther parseUnits • stripZeros Alchemy SDK V2 to V3 Migration Guide Alchemy SDK V2 vs. V3 Method Differences SDK V2 Methods • call - SDK • getAssetTransfers - SDK • getMintedNfts - SDK • verifyNftOwnership - SDK • getOwnersForNft - SDK

- computeRarity SDK
- getTransfersForContract SDK
- getNftsForOwner SDK
 - refreshContract SDK
- getOwnersForContract SDK
- getFloorPrice SDK
- isSpamContract SDK
- findContractDeployer -SDK
 - getSpamContracts SDK
 - getGasPrice SDK
 - gotado nos obr
 - getBalance SDK
- getBlock -SDK
- getBlockWithTransactions SDK
 - estimateGas SDK
- getBlockNumber SDK
- getCode SDK
- getFeeData SDK
- getLogs SDK
- getNftMetadataBatch SDK
- getTokensForOwner SDK
- getStorageAt SDK
- getTokenBalances SDK
 - getTransactionCount SDK
- getTokenMetadata SDK
- getTransactionReceipt SDK
- send SDK
 - getTransactionReceipts SDK
- getTransaction SDK
- isContractAddress SDK
- getNftMetadata SDK
- getNftSales SDK
 - cancelPrivateTransaction SDK
- sendPrivateTransaction SDK
- traceTransaction SDK

- simulateExecutionBundle SDK
 simulateExecution SDK
 getMaxPriorityFeePerGas SDK
 - estimateGas SDK
 - simulateAssetChanges SDK

• simulateAssetChangesBundle - SDK

- traceBlock SDK
- waitForTransaction SDK
 - traceCall SDK
- sendTransaction SDK
- updateWebhook SDK
- refreshNftMetadata -SDK
- createWebhook SDK
 - getNftFilters SDK
 - getAddresses SDK
- summarizeNftAttributes SDK
- deleteWebhook SDK
 - searchContractMetadata SDK
 - getAllWebhooks SDK
- getNftsForOwnerIterator SDK
- getNftsForContractIterator -SDK
- getContractMetadata SDK
 - getTransfersForOwner SDK
- getNftsForContract SDK

Ethereum

- Ethereum API Quickstart
- Ethereum API FAQ
 - Ethereum Developer Guide to the Merge
- How to decode an eth_call response
- How do I distinguish between a contract address and a wallet address?
- Ethereum API Endpoints
 - eth_blockNumber Ethereum post
- eth_getBalance Ethereum post
- eth_getLogs Ethereum post
 - eth_chainId Ethereum post

- eth_getBlockByNumber Ethereum post
- eth_accounts Ethereum post
- eth_feeHistory Ethereum post
- eth_estimateGas Ethereum post
 - eth_gasPrice Ethereum post
 - eth_getBlockTransactionCountByHash Ethereum post
- eth_getBlockTransactionCountByNumber Ethereum post
- eth_getCode Ethereum post
 - eth_getProof Ethereum post
 - eth getStorageAt Ethereum post
- oth gototoragorit Ethoroam poot
- eth_getTransactionByBlockHashAndIndex Ethereum post
- eth_getTransactionByHash Ethereum post
 - eth_getTransactionCount Ethereum post
 - eth_getTransactionReceipt Ethereum post
 - eth_getUncleByBlockHashAndIndex Ethereum post
- eth_getUncleByBlockNumberAndIndex Ethereum post
- eth_getUncleCountByBlockHash Ethereum post
 - eth_getUncleCountByBlockNumber Ethereum post
- eth_maxPriorityFeePerGas Ethereum post
- eth_protocolVersion Ethereum post
- eth_sendRawTransaction Ethereum post
- net listening Ethereum post
 - net_version Ethereum post
- web3_clientVersion Ethereum post
- web3_sha3 Ethereum post
- eth_getTransactionByBlockNumberAndIndex Ethereum post
 - eth_call Ethereum post
- eth_getBlockByHash Ethereum post
- eth_createAccessList Ethereum post
- eth_newFilter Ethereum post
- eth_getFilterChanges Ethereum post
 - eth_getFilterLogs Ethereum post
- eth_newBlockFilter Ethereum post
- eth_newPendingTransactionFilter Ethereum post

- eth_uninstallFilter Ethereum post
- eth_getBlockReceipts Ethereum post
- eth subscribe
 - eth_unsubscribe

Polygon PoS

- Polygon PoS API Quickstart
 - Polygon SDK Examples
- Polygon PoS API FAQ
- Polygon PoS API Endpoints
 - bor_getAuthor Polygon PoS post
 - bor_getCurrentProposer Polygon PoS post
 - bor_getCurrentValidators Polygon PoS post
 - bor_getRootHash Polygon PoS post
 - eth_accounts Polygon PoS post
- eth_call Polygon PoS post
 - eth_chainId Polygon PoS post
- eth estimateGas Polygon PoS post
- eth_gasPrice Polygon PoS post
- eth_getBalance Polygon PoS post
- eth_getBlockByHash Polygon PoS post
 - eth_getBlockByNumber Polygon PoS post
 - eth_getBlockTransactionCountByHash Polygon PoS post
- eth_getBlockTransactionCountByNumber Polygon PoS post
 - eth_getCode Polygon PoS post
 - eth_getFilterChanges Polygon PoS post
 - eth_getFilterLogs Polygon PoS post
 - eth_getLogs Polygon PoS post
- eth_getRootHash Polygon PoS post
 - eth_getSignersAtHash Polygon PoS post
 - eth_getStorageAt Polygon PoS post
 - eth_getTransactionByBlockHashAndIndex Polygon PoS post
- eth_getTransactionByBlockNumberAndIndex Polygon PoS post
- eth_getTransactionByHash Polygon PoS post
- eth_getTransactionCount Polygon PoS post
 - eth_getTransactionReceipt Polygon PoS post

- eth_getTransactionReceiptsByBlock Polygon PoS post
- eth_sendRawTransaction Polygon PoS post
- eth uninstallFilter Polygon PoS post
- net_listening Polygon PoS post
 - eth_getUncleCountByBlockHash Polygon PoS post
 - eth_getUncleCountByBlockNumber Polygon PoS post
- eth_newBlockFilter Polygon PoS post
- eth_newFilter Polygon PoS post
 - eth_newPendingTransactionFilter Polygon PoS post
- web3 clientVersion Polygon PoS post
- eth_createAccessList Polygon PoS post
- - eth_blockNumber Polygon PoS post
 - bor_getSignersAtHash Polygon PoS post
 - net_version Polygon PoS post
 - eth_getProof Polygon PoS post
- eth_getUncleByBlockNumberAndIndex Polygon PoS post
- eth_maxPriorityFeePerGas Polygon PoS post
 - eth_getBlockReceipts Polygon PoS post
 - eth_subscribe Polygon PoS
 - eth unsubscribe Polygon PoS

Polygon zkEVM

- Polygon zkEVM API Quickstart
- Polygon zkEVM API FAQ
 - What is the difference between Polygon zkEVM and Ethereum?
- What is the difference between Polygon zkEVM and Polygon PoS?
- Polygon zkEVM Endpoints
 - eth_getTransactionCount Polygon zkEVM post
 - eth_call Polygon zkEVM post
 - eth chainId Polygon zkEVM post
 - eth_newBlockFilter Polygon zkEVM post
 - eth_estimateGas Polygon zkEVM post
- eth_newFilter Polygon zkEVM post
- eth_gasPrice Polygon zkEVM post
- eth_sendRawTransaction Polygon zkEVM post
- eth_getBalance Polygon zkEVM post

- eth_uninstallFilter Polygon zkEVM post
- eth_getBlockByHash Polygon zkEVM post
- net_version Polygon zkEVM post
- eth_getBlockByNumber Polygon zkEVM post
- web3_clientVersion Polygon zkEVM post
- eth_getBlockTransactionCountByHash Polygon zkEVM post
- eth_getBlockTransactionCountByNumber Polygon zkEVM post
- zkevm batchNumber Polygon zkEVM post
 - eth_getCode Polygon zkEVM post
 - eth getFilterChanges Polygon zkEVM post
- eth_getFilterLogs Polygon zkEVM post
 - zkevm_getBatchByNumber Polygon zkEVM post
- eth_getLogs Polygon zkEVM post
 - zkevm_getBroadcastURI Polygon zkEVM post
 - eth_getStorageAt Polygon zkEVM post
- zkevm_isBlockConsolidated Polygon zkEVM post
- eth_getTransactionByBlockHashAndIndex Polygon zkEVM post
 - zkevm_isBlockVirtualized Polygon zkEVM post
 - eth_getTransactionByBlockNumberAndIndex Polygon zkEVM post
- zkevm_verifiedBatchNumber Polygon zkEVM post
- eth_getTransactionByHash Polygon zkEVM post
- zkevm_virtualBatchNumber Polygon zkEVM post
 - eth_getCompilers Polygon zkEVM post
 - eth_getUncleByBlockHashAndIndex Polygon zkEVM post
- eth_getUncleByBlockNumberAndIndex Polygon zkEVM post
- eth_getUncleCountByBlockHash Polygon zkEVM post
 - eth_getUncleCountByBlockNumber Polygon zkEVM post
 - eth_protocolVersion Polygon zkEVM post
- eth_blockNumber Polygon zkEVM post
- eth_getTransactionReceipt Polygon zkEVM post
- zkevm_batchNumberByBlockNumber Polygon zkEVM post
 - <u>zkevm_consolidatedBlockNumber Polygon zkEVM post</u>
 - zkevm_estimateFee API Polygon zkEVM post
- zkevm estimateGasPrice API Polygon zkEVM post

Arbitrum

Arbitrum API Quickstart Arbitrum SDK Examples **Arbitrum API FAQ** · Arbitrum vs. Ethereum API Differences **Arbitrum API Endpoints** eth_call - Arbitrum post eth_estimateGas - Arbitrum post eth_accounts - Arbitrum post eth_blockNumber - Arbitrum post eth_chainId - Arbitrum post eth_gasPrice - Arbitrum post • eth_getBalance - Arbitrum post • eth_getBlockTransactionCountByHash - Arbitrum post • eth_getBlockTransactionCountByNumber - Arbitrum post eth getCode - Arbitrum post eth getFilterChanges - Arbitrum post eth_getFilterLogs - Arbitrum post eth_getLogs - Arbitrum post eth_getStorageAt - Arbitrum post eth_getTransactionByBlockHashAndIndex - Arbitrum post eth_getTransactionCount - Arbitrum post eth_getUncleByBlockNumberAndIndex - Arbitrum post • eth_getUncleCountByBlockHash - Arbitrum post • eth_getUncleCountByBlockNumber - Arbitrum post · eth newBlockFilter - Arbitrum post · eth_newFilter - Arbitrum post eth newPendingTransactionFilter - Arbitrum post · eth_uninstallFilter - Arbitrum post net listening - Arbitrum post net_version - Arbitrum post web3_clientVersion - Arbitrum post web3 sha3 - Arbitrum post

eth_sendRawTransaction - Arbitrum post

eth createAccessList - Arbitrum post

- eth_maxPriorityFeePerGas Arbitrum post
- eth_getBlockByHash Arbitrum post
- eth_getBlockByNumber Arbitrum post
- eth_getTransactionByBlockNumberAndIndex Arbitrum post
 - eth_getTransactionByHash Arbitrum post
 - eth_getProof Arbitrum post
- eth_getTransactionReceipt Arbitrum post
- eth_getUncleByBlockHashAndIndex Arbitrum post
 - eth_getBlockReceipts Arbitrum post
 - eth feeHistory Arbitrum post
- eth subscribe
- eth_unsubscribe

OP Mainnet

- OP Mainnet API Quickstart
- Optimism SDK Examples
- OP Mainnet API FAQ
 - Optimism Error Codes
- OP Mainnet API Endpoints
 - eth_call Optimism post
 - eth_estimateGas Optimism post
 - eth_accounts Optimism post
 - eth_blockNumber Optimism post
- eth_chainId Optimism post
 - eth_gasPrice Optimism post
- eth_getBalance Optimism post
- eth_getBlockTransactionCountByHash Optimism post
- eth_getBlockTransactionCountByNumber Optimism post
- eth_getCode Optimism post
- eth_getFilterChanges Optimism post
 - eth_getFilterLogs Optimism post
 - eth_getLogs Optimism post
- eth_getStorageAt Optimism post
- eth_getTransactionByBlockHashAndIndex Optimism post
- eth_getTransactionByBlockNumberAndIndex Optimism post
 - eth_getTransactionByHash Optimism post

- eth_getTransactionCount Optimism post
- eth_getTransactionReceipt Optimism post
- eth_getUncleByBlockHashAndIndex Optimism post
- eth_getUncleByBlockNumberAndIndex Optimism post
- eth_getUncleCountByBlockHash Optimism post
- eth_getUncleCountByBlockNumber Optimism post
- eth_newBlockFilter Optimism post
 - eth newFilter Optimism post
 - eth_newPendingTransactionFilter Optimism post
- eth_protocolVersion Optimism post
- eth_sendRawTransaction Optimism post
- _
 - eth_syncing Optimism post
- eth_uninstallFilter Optimism post
 - net_listening Optimism post
- net_version Optimism post
- web3_clientVersion Optimism post
- web3 sha3 Optimism post
 - eth_getBlockByHash Optimism post
 - eth_getBlockByNumber Optimism post
- eth_getProof Optimism post
- eth_getBlockReceipts Optimism post
- eth subscribe
 - eth unsubscribe

Base

- Base API Quickstart
- Base API FAQ
- Base API Endpoints
- eth_accounts Base post
 - eth blockNumber Base post
 - eth_call Base post
- eth_chainId Base post
- eth_estimateGas Base post
- eth_feeHistory Base post
- eth_gasPrice Base post
- , ath watDalawaa Daaawaa
- eth_getBalance Base post

- eth getBlockByHash Base post
- eth_getBlockByNumber Base post
- · eth getBlockTransactionCountByHash Base post
- eth_getBlockTransactionCountByNumber Base post
- eth_getCode Base post
- · eth_getFilterChanges Base post
- eth_getFilterLogs Base post
- eth getLogs Base post
 - eth_getProof Base post

 - eth getStorageAt Base post
 - eth getTransactionByBlockHashAndIndex Base post
- eth_getTransactionByBlockNumberAndIndex Base post
 - eth_getTransactionByHash Base post
- eth_getTransactionCount Base post
- eth_getTransactionReceipt Base post
- eth_getUncleByBlockHashAndIndex Base post
- eth_getUncleByBlockNumberAndIndex Base post
 - eth_getUncleCountByBlockHash Base post
- eth_getUncleCountByBlockNumber Base post
- · eth_maxPriorityFeePerGas Base post
- eth_newBlockFilter Base post
- eth newFilter Base post
- eth_newPendingTransactionFilter Base post
- eth_protocolVersion Base post
- eth_sendRawTransaction Base post
- eth_syncing Base post
 - eth_uninstallFilter Base post
 - net_listening Base post
- web3_sha3 Base post
 - eth_getBlockReceipts Base post

* Solana

- Solana API Quickstart
- Solana API FAQ
- Solana API Endpoints
- getAccountInfo post

 simulateTransaction post getBalance post getBlock post getBlockCommitment post getBlockProduction post getBlocks post getBlocksWithLimit post getBlockTime post getClusterNodes post getEpochInfo post • getEpochSchedule post getFeeForMessage post getFirstAvailableBlock post getGenesisHash post getHealth post • getHighestSnapshotSlot post getIdentity post getInflationGovernor post • getInflationRate post • getInflationReward post • getLargestAccounts post • getMaxRetransmitSlot post

getMaxShredInsertSlot post

getMultipleAccounts post

getProgramAccounts post

getSlot post

• getSlotLeader post

• getSlotLeaders post

getSupply post

getVersion post

getVoteAccounts post

• minimumLedgerSlot post

getRecentPerformanceSamples post

• getMinimumBalanceForRentExemption post

- requestAirdrop post
- getBlockHeight post
- - getSignaturesForAddress post
 - getSignatureStatuses post
 - getTokenAccountBalance post
 - getTokenAccountsByOwner post
 - getTokenSupply post
- getTransaction post
 - isBlockhashValid post
 - sendTransaction post
- o send transaction pos
- getRecentBlockhash post
- getRecentPrioritizationFees post
 - getLatestBlockhash post

Astar

- Astar API Quickstart
- Astar API FAQ
- Astar API Endpoints
 - eth_accounts Astar post
 - eth_getTransactionReceipt Astar post
- eth_maxPriorityFeePerGas Astar post
 - eth_blockNumber Astar post
 - eth_call Astar post
 - eth_chainId Astar post
- eth_gasPrice Astar post
- eth_getBalance Astar post
- eth_getBlockByHash Astar post
- eth_getBlockByNumber Astar post
- eth_getBlockTransactionCountByHash Astar post
- eth_getBlockTransactionCountByNumber Astar post
 - eth_getCode Astar post
 - eth_getStorageAt Astar post
- eth_getTransactionByBlockHashAndIndex Astar post
- eth_getTransactionByBlockNumberAndIndex Astar post
- eth_getTransactionByHash Astar post
 - eth_getTransactionCount Astar post

- eth_getUncleByBlockNumberAndIndex Astar post
- eth_sendRawTransaction Astar post
- net_version Astar post
- web3_clientVersion Astar post
 - web3_sha3 Astar post
 - eth_getLogs Astar post
- eth_getFilterChanges Astar post
- eth_getFilterLogs Astar post
 - eth_newFilter Astar post
 - eth newPendingTransactionFilter Astar post
- eth uninstallFilter Astar post
- eth_newBlockFilter Astar post
- eth_estimateGas Astar post
 - eth_getBlockReceipts Astar post
 - eth_subscribe
- eth_unsubscribe

STARKNET

- Starknet API Quickstart
- Starknet API FAQ
- Starknet API Endpoints
 - starknet_addDeclareTransaction post
 - starknet_getClassAt post
 - starknet_addDeployAccountTransaction post
- starknet_getClassHashAt post
- starknet_addInvokeTransaction post
 - starknet getEvents post
 - starknet_blockHashAndNumber post
- starknet_getNonce post
- starknet_blockNumber post
- starknet getStateUpdate post
 - starknet_call post
- starknet_getStorageAt post
- starknet chainId post
- starknet_getTransactionByBlockIdAndIndex post
- starknet_estimateFee post

- starknet_getTransactionByHash post
- starknet_getBlockTransactionCount post
- starknet_getTransactionReceipt post
- starknet_getBlockWithTxHashes post
 - starknet_pendingTransactions post
- starknet_getBlockWithTxs post
- starknet_syncing post
 - starknet_getClass post
 - starknet_estimateMessageFee post
 - starknet getBlockWithReceipts post

zksync

- · zkSync Era API Quickstart
- zkSync Era API FAQ
- zkSync Era API Endpoints
 - eth_accounts zkSync post
 - eth_blockNumber zkSync post
 - eth_call zkSync post
 - eth_chainId zkSync post
- eth_createAccessList zkSync post
- eth_estimateGas zkSync post
 - eth_feeHistory zkSync post
 - eth_gasPrice zkSync post
- eth_getBalance zkSync post
- eth_getBlockByHash zkSync post
- eth_getBlockByNumber zkSync post
- eth_getBlockTransactionCountByHash zkSync post
- eth_getBlockTransactionCountByNumber zkSync post
- eth_getCode zkSync post
- eth_getFilterChanges zkSync post
 - eth_getFilterLogs zkSync post
- eth_getLogs zkSync post
- eth_getProof zkSync post
- eth_getStorageAt zkSync post
- eth_getTransactionByBlockHashAndIndex zkSync post
 - eth_getTransactionByBlockNumberAndIndex zkSync post

- eth_getTransactionByHash zkSync post
- eth_getTransactionCount zkSync post
- eth_getTransactionReceipt zkSync post
- eth_getUncleByBlockHashAndIndex zkSync post
- eth_getUncleByBlockNumberAndIndex zkSync post
- eth_getUncleCountByBlockHash zkSync post
- eth_getUncleCountByBlockNumber zkSync post
- eth_newBlockFilter zkSync post
 - eth_newFilter zkSync post
 - eth newPendingTransactionFilter zkSync post
- eth_protocolVersion zkSync post
- eth_sendRawTransaction zkSync post
- eth_uninstallFilter zkSync post
- net_listening zkSync post
 - net_version zkSync post
- web3_clientVersion zkSync post
- web3 sha3 zkSync post
 - zks_estimateFee zkSync post
 - zks_estimateGasL1ToL2 zkSync post
- zks_getAllAccountBalances zkSync post
- zks_getBlockDetails zkSync post
- zks_getBridgeContracts zkSync post
 - zks_getBytecodeByHash zkSync post
- zks_getL1BatchBlockRange zkSync post
- zks_getL1BatchDetails zkSync post
- zks_getL2ToL1LogProof zkSync post
- zks_getL2ToL1MsgProof zkSync post
 - zks_getMainContract zkSync post
- zks_getProof zkSync post
- zks_getRawBlockTransactions zkSync post
- zks_getTestnetPaymaster zkSync post
- zks_getTransactionDetails zkSync post
- zks_L1BatchNumber zkSync post
- zks L1ChainId zkSync post

BNB SMART CHAIN (PAID TIERS)

- BNB Smart Chain Quickstart
- BNB Smart Chain FAQ
- BNB Smart Chain Endpoints
 - eth_blockNumber BNB post
- eth_call BNB post
- on our bits poor
 - eth_chainId BNB post
 - eth_estimateGas BNB post
- eth_gasPrice BNB post
 - eth_getBalance BNB post
 - eth_getBlockByHash BNB post
 - eth_getBlockByNumber BNB post
 - eth_getBlockTransactionCountByHash BNB post
 - eth_getBlockTransactionCountByNumber BNB post
- eth_getCode BNB post
 - eth_getLogs BNB post
- eth_getProof BNB post
- eth_getStorageAt BNB post
- eth_getTransactionByBlockHashAndIndex BNB post
- eth_getTransactionByBlockNumberAndIndex BNB post
- eth_getTransactionByHash BNB post
- eth_getTransactionCount BNB post
- eth_getTransactionReceipt BNB post
- eth_getUncleByBlockHashAndIndex BNB post
- eth_getUncleByBlockNumberAndIndex BNB post
- eth_getUncleCountByBlockHash BNB post
- eth_getUncleCountByBlockNumber BNB post
- eth sendRawTransaction BNB post
 - net_listening BNB post
- net_peerCount BNB post
- net_version BNB post
- web3 clientVersion BNB post
- web3_sha3 BNB post

GNOSIS (Paid Tier)

- · Gnosis Chain API Quickstart
- Gnosis Chain API FAQ
- Gnosis Chain API Endpoints

Avalanche C-Chain (PAID TIERS)

- Avalanche C-Chain API Quickstart
- Avalanche C-Chain API FAQ
- Avalanche C-Chain API Endpoints

Arbitrum Nova

- Arbitrum Nova Chain API Quickstart
- Arbitrum Nova Chain API FAQ
- Arbitrum Nova Chain API Endpoints

ZetaChain

- ZetaChain API Quickstart
- ZetaChain API FAQ
- Zetachain API Endpoints

Blast

- Blast Chain API Quickstart
- Blast Chain API FAQ
- Blast Chain API Endpoints

Scroll

- Scroll Chain API Quickstart
- Scroll Chain API FAQ
- Scroll Chain API Endpoints

Linea

- Linea Chain API Quickstart
- Linea Chain API FAQ
- Linea Chain API Endpoints

■ Mantle

- Mantle Chain API Quickstart
- Mantle Chain API FAQ
- Mantle Chain API Endpoints

Berachain

- Berachain API Quickstart
- Berachain API FAQ
- Berachain API Endpoints

METIS (Paid Tiers)

- Metis Chain API Quickstart
- Metis Chain API FAQ
- Metis Chain API Endpoints

Sonic

- · Sonic Chain API Quickstart
- Sonic Chain API FAQ
- Sonic Chain API Endpoints

* Flow

- Flow API Quickstart
- Flow API FAQ
- Flow API Endpoints

CrossFi

- CrossFi API Quickstart
- CrossFi API FAQ
- CrossFi API Endpoints

Soneium

- Soneium API Quickstart
- Soneium API FAQ
- Soneium API Endpoints

Unichain

- Unichain API Quickstart
- Unichain API FAQ
- Unichain API Endpoints

■ World Chain

- World Chain API Quickstart
- World Chain API FAQ
- World Chain API Endpoints

Rootstock

- Rootstock API Quickstart
- Rootstock API FAQ
- Rootstock API Endpoints

Shape

- Shape API Quickstart
- Shape API FAQ
- Shape API Endpoints

Apechain

- ApeChain API Quickstart
- ApeChain API FAQ
- ApeChain API Endpoints

Geist

- Geist API Quickstart
- Geist API FAQ
- Geist API Endpoints

♠ Lens

- Lens API Quickstart
- Lens API FAQ
- Lens API Endpoints

* Abstract

• Abstract API Quickstart

- Abstract API FAQ
- Abstract API Endpoints

opBNB (Paid Tier)

- opBNB Chain API Quickstart
- opBNB Chain API FAQ
- opBNB Chain API Endpoints

Ink

- Ink API Quickstart
- Ink API FAQ
- Ink API Endpoints

Lumia

- Lumia API Quickstart
- Lumia API FAQ
- Lumia API Endpoints

Ink API Quickstart

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

Introduction

Ink is a cutting-edge Layer 2 blockchain solution developed by Kraken, designed to bridge centralized and decentralized finance. Built on the OP Stack within the Optimism Superchain ecosystem, Ink offers sub-second block times, optimized gas fees, and high performance. It aims to simplify DeFi access, leveraging Kraken's established infrastructure while inheriting Ethereum's robust security.

What is the lnk API?

The Ink API allows interaction with the Ink 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 then pm documentation . For yarn , refer to yarn's installation guide .

2. Set Up Your Project

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

mkdir ink-api-quickstart cd ink-api-quickstart npm init --yes mkdir ink-api-quickstart cd ink-api-quickstart yarn init --yes This creates a new directory named ink-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://ink-mainnet.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 lnk mainnet:

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

Latest Block: 0x...

Next Steps

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

Updated about 2 months ago

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