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- eth_uninstallFilter - Astar post
- eth_newBlockFilter - Astar post
- eth_estimateGas - Astar post
- eth_subscribe
- eth_unsubscribe

STARKNET

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- 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

searchContractMetadata - SDK

Search for a keyword across the metadata of all ERC-721 and ERC-1155 smart contracts.

All CSS

/ *dont_have_api_sec_start* / .api_key_instruct_ban{ background: #F5FCFF; border: 1px solid rgba(207, 217, 240, 0.2); border-radius: 12px; -webkit-border-radius: 12px; display: flex; flex-wrap: wrap; padding: 33px; } .markdown-body h3 { color: #00000 !important; } .api_key_instruct_ban_lft h3{ font-size: 24px; line-height: 1.3; letter-spacing: -0.03em; font-weight: 700; font-family: 'Inter', sans-serif; margin-bottom: 7px; margin-top: 0px; color: #00000 !important; } .api_key_instruct_ban_lft h3:last-child{ margin-bottom: 0; } .api_key_instruct_ban_lft p{ font-size: 14px; line-height: 1.3; color: #000000; font-family: 'Inter', sans-serif; font-weight: 400; } .gt_startd_vbtn{ display: inline-block; color: #FFFFFF !important; background: linear-gradient(126.33deg, #36BEFF 5.38%, #733FF1 108.32%); border-radius: 6px; font-size: 16px; line-height: 1.3; font-weight: 600; font-family: 'Inter', sans-serif; padding: 9px 16px; } .gt_startd_vbtn:hover{ background: #000; color: #fff; } .api_key_instruct_ban_lft{ flex-basis: 60%; max-width: 60%; padding-right: 15px; } .api_key_instruct_ban_rtt{ flex-basis: 40%; max-width: 40%; padding-left: 15px; align-self: center; } / *dont_have_api_sec_end* /

/* ========== responsive css ========== */

```
@media(min-width:1025px) {}

@media(max-width:1199px) {
    .api_main {
        max-width: 100%;
    }
    .api_main_cont ul li a {
        width: 100%;
    }
    .left_icon .evm_part {
        width: 73%;
        margin: 22px auto auto auto;
    }
    .api_main_cont ul li a {
        padding: 10px 18px;
        border-radius: 12px;
    }
    .api_main_cont ul li a:hover::before {
        border-radius: 12px;
    }
    .learn_box,
    .lear_outer {
        height: 100%;
    }
    .navbar-nav>li>a {
        font-size: 15px;
        padding: 8px 10px;
    }
    .top_header_links ul li a{
        font-size: 15px;
    }
    .footer_links_box ul li a{
        font-size: 13px;
    }
    /* dont_have_api_sec_start */
    .api_key_instruct_ban{
            display: block;
            text-align: center;
            background: linear-gradient(180deg, #EBF9FF 0%, #EEF3FE 100%);
        }
        .api_key_instruct_ban_lft,.api_key_instruct_ban_rtt{
            max-width: 100%;
            padding: 0;
            flex-basis: 100%;
        }
        .api_key_instruct_ban_lft{
            margin-bottom: 30px;
        }
    /* dont_have_api_sec_end */
}

@media (max-width: 768px) {
        /* dont_have_api_sec_start */

        .api_key_instruct_ban_lft h3{
            font-size: 30px;
        }
        .api_key_instruct_ban_lft p{
            font-size: 16px;
        }
        .wrapper_body_cmn_out{
            max-width: 100%;
        }
        .api_key_instruct_ban_lft h3 {
            font-size: 40px;
            margin-bottom: 16px;
        }

        /* dont_have_api_sec_end */
}

@media (max-width: 350px){
    /* dont_have_api_sec_start  */
    .api_key_instruct_ban_lft h3{
        font-size: 36px;
    }
    .api_key_instruct_ban{
        padding: 30px;
    }
    /* dont_have_api_sec_end */
}
```

whole_Section_wrapperdont_have_api_sec_start### Don’t have an API key?

Start using this method in your app today.Get started for free dont_have_api_sec_end

Description

Search for a keyword across the metadata of all ERC-721 and ERC-1155 smart contracts.

Currently in BETA

This endpoint is currently in BETA. Please report any feedback you have for this endpoint viaAlchemy's discord .

Parameters

Name Type Description query string The search string that you want to search for in contract metadata.

Response

Property Type Description Promise object An object containing a contracts array property that returns nft metadata.

SearchContractMetadataResponse

object properties

Property Type Description tokenType string The type of token in the contract. Options are: ERC721 = "ERC721", ERC1155 = "ERC1155", UNKNOWN = "UNKNOWN" address string The address of the NFT contract. name string The name of the contract. symbol string The symbol of the contract. totalSupply string The number of NFTs in the contract as an integer string. This field is only available on ERC-721 contracts. openSeaMetadata object OpenSea's metadata for the contract. Parameters include:

1. floorPrice?: number : The floor price of the collection. 2. collectionName?: string : The name of the collection on OpenSea. 3. safelistRequestStatus?: string : The approval status of the collection on OpenSea. 4. imageUrl?: string : The image URL determined by OpenSea. 5. description?: string : The description of the collection on OpenSea. 6. externalUrl?: string : The homepage of the collection as determined by OpenSea. 7. twitterUsername?: string : The Twitter handle of the collection. 8. discordUrl?: string : The Discord URL of the collection. 9. lastIngestedAt: string : Timestamp of when Alchemy last ingested the OpenSea metadata. contractDeployer string The address that deployed the NFT contract. deployedBlockNumber number The block number the NFT contract deployed in.

Example Request and Response

Prerequisite : You will need to install the Alchemy SDK before making requests with it.

The commands for installing it usingnpm oryarn are given below:

npm yarn npm install alchemy-sdk@latest yarn add alchemy-sdk@latest

Request

index.js // Imports the Alchemy SDK const {Alchemy ,Network }= require ("alchemy-sdk");// Configures the Alchemy SDK const config = {apiKey :"alchemy-replit" ,// Replace with your API key network :Network .ETH_MAINNET ,// Replace with your network };// Creates an Alchemy object instance with the config to use for making requests const alchemy = new Alchemy (config);const main = async ()=> {const kw = "hair" //Call the method to fetch metadata const response = await alchemy .nft .searchContractMetadata (kw)//Logging the response to the console console .log (response) };main ();

Response

JSON {"contracts" : [{"address" :"0x1EaC31A0B93E81bd093d116f5D36a83Be08f381B" ,"name" :"Sneakr Token" ,"symbol" :"SNKR" ,"totalSupply" :"326" ,"tokenType" :"ERC721" ,"contractDeployer" :"0xccB74148D315B0397dA4e3C7482036dbaDD762e5" ,"deployedBlockNumber" :9458121 ,"openSeaMetadata" : {"floorPrice" :0 ,"collectionName" :"SneakrCred Drop 1: EthAIReum" ,"collectionSlug" :"sneakr-token" ,"safelistRequestStatus" :"verified" ,"imageUrl" :"https://i.seadn.io/gae/7JKgjQsQP6PNiuuT6J7upfs4Iq3btwg1zFMxpzvW9ZFpGFWrf0i2H08vbG-1glj9ZY9HDUxco5z_xMWc7e_f5myd5A?w=500&auto=format" ,"description" :"The first official Sneakr Drop." ,"externalUrl" :"https://www.sneakrcred.com" ,"lastIngestedAt" :"2023-09-09T23:18:24.000Z" } }, {"address" :"0x7E2A853626D75321d2B6eD060f6320324D31b7e8" ,"name" :"Happy Little Hairdos" ,"symbol" :"HLHD" ,"totalSupply" :"241" ,"tokenType" :"ERC721" ,"contractDeployer" :"0x5582809Dd5d7b8848397C6033D8a41e4b06F8dEd" ,"deployedBlockNumber" :12885162 ,"openSeaMetadata" : {"floorPrice" :0.05 ,"collectionName" :"Happy Little Hairdos" ,"collectionSlug" :"hlhd" ,"safelistRequestStatus" :"approved" ,"imageUrl" :"https://i.seadn.io/gae/bx3ZIky25jfqxG_ield-BWVNuWvoOLJsqm-1TPN90xVuzyLrEjROQAX_Qf2jgMb5OrCsF_OKaRWq3DEpWztPRK2DriuRMN997kar?w=500&auto=format" ,"description" :"Happy Little Hairdos is a parody collection of 10,000 unique NFTs celebrating the man we all know as the painter with a Fro. Straight from the imagination & hand of artist J.J. Weinberg, what began as a Prismacolor illustration on paper in 2014 & an idea of a ☕ table ???? has found its way onto the blockchain. Weinberg is determined to push the envelope on the connection of the metaverse & the physical world. Let the #FROMO begin!\r\n\r\nDetails - www.happylittlehairdos.com\r\n\r\nHighlights\r\n\r\nArt / Print quality images 3000x3000k (Set to print at 10”x10” 300 dpi)\r\nCoffee table book featuring “Curated Cuts” & randomly chosen HLHD’s\r\nInfinite “Bob”jects\r\nEarly access to merch via the Fromo Boutique\r\n“Curated Cuts for a Cause” the rarity’s for charity on these special tokens outside of the 10K\r\nAccess to Alexander Bill’s “ART”cade\r\nSpecial token access to commissioned work by the artist & derivative license\r\nJoy of Minting mini-series\r\nSpecial thanks @cheforche - IG @jjweinberg - IG" ,"externalUrl" :"https://www.happylittlehairdos.com" ,"twitterUsername" :"happylittlehair" ,"discordUrl" :"https://discord.gg/kWFU5xP74W" ,"bannerImageUrl" :"https://i.seadn.io/gae/WhmKRaraSN-sWNMtKm6BIiZ95ikkJ9Ey9Q6KaVtwxpAmI7MmaOi8D6X_JrBsJBU0bY4VRmNaRDXP7jnSpBnCvrtMevqJL6UJGjhByg?w=500&auto=format" ,"lastIngestedAt" :"2023-09-09T23:19:57.000Z" } }, {"address" :"0x82Cb9D20862641301C987f0b096086d32bC11B65" ,"name" :"AStrandOfHair" ,"symbol" :"ASOH" ,"totalSupply" :"10358" ,"tokenType" :"ERC721" ,"contractDeployer" :"0xC4c2a776A352A8994be83D2ef2Bb4A9604DC6E97" ,"deployedBlockNumber" :15210942 ,"openSeaMetadata" : {"floorPrice" :0 ,"collectionName" :"AStrandOfHair" ,"collectionSlug" :"astrandofhair" ,"safelistRequestStatus" :"approved" ,"imageUrl" :"https://i.seadn.io/gcs/files/5aa37f4f867ad6f1d5ab710f67f6cfdd.jpg?w=500&auto=format" ,"description" :"It's a metaverse built by wizards. From just a strand of hair to the entire world. We are not just a meme, we are a culture strongly rooted by our community. " ,"externalUrl" :"https://astrandofhair.xyz/" ,"twitterUsername" :"Hair_xyz" ,"bannerImageUrl" :"https://i.seadn.io/gcs/files/3e75adaed1ac45184ea446175e8856d9.jpg?w=500&auto=format" ,"lastIngestedAt" :"2023-09-10T01:35:01.000Z" } }, {"address" :"0xBd5BD01e9445d24D83E8607Ac0a64D71C9D36933" ,"name" :"Queens+KingsHair" ,"symbol" :"Q+KTH" ,"totalSupply" :"3638" ,"tokenType" :"ERC721" ,"contractDeployer" :"0x139C8919Ce2B7fb8A04F929d83b8C54C116c692b" ,"deployedBlockNumber" :13984623 ,"openSeaMetadata" : {"floorPrice" :0.003 ,"collectionName" :"Queens+Kings Traits" ,"collectionSlug" :"queenskings-traits" ,"safelistRequestStatus" :"approved" ,"imageUrl" :"https://i.seadn.io/gae/0OkPiJqvKO7oAJYU7pNGp3Y2nGgCm98itXBnCa12xpEttaVw9HuUFhFNXmE0lfaQjZGpxa6N8KrZtHcX1InpNzNtaBkW8kslTwYwAQ?w=500&auto=format" ,"description" :"Queens+Kings overthrow hierarchies in contemporary art and re-mint your CryptoRealm:\nCreated by Hackatao and NFT Studios, supported by Sotheby’s\n\n6,900 Queens+Kings: interchangeable NFT traits, randomly allocated and algorithmically generated. The avatars can then be hacked by the collectors, customized, disassembled and assembled on the dedicated website builder. In the cryptoverse, a non-hierarchical community is in charge, traditional roles of the art world are subverted. Hack the Royals, let the Self-Crowning begin. " ,"externalUrl" :"https://queenskings.hackatao.com/" ,"twitterUsername" :"Hackatao" ,"discordUrl" :"https://discord.gg/hackatao" ,"bannerImageUrl" :"https://i.seadn.io/gae/k8DXM0eWdF14zud9pr7RURMhC0_zwuEigV_oG3hy5A9HlnKkjoH4lYaPVU5-2O4qC0g46HTWTwUQhKM3ZEIgaIJJgqCGcgusGWWIK8Q?w=500&auto=format" ,"lastIngestedAt" :"2023-09-10T18:44:05.000Z" } }, {"address" :"0x57e876FaEFD30bCEF9B154812Ba4d29396308C38" ,"name" :"A CHAIR IN THE SKY" ,"symbol" :"SKYCHAIR" ,"totalSupply" :"5" ,"tokenType" :"ERC721" ,"contractDeployer" :"0xaB3627317c43D394eb171170f818153B976D28A3" ,"deployedBlockNumber" :16288864 ,"openSeaMetadata" : {"floorPrice" :0 ,"collectionName" :"A CHAIR IN THE SKY" ,"collectionSlug" :"a-chair-in-the-sky" ,"safelistRequestStatus" :"not_requested" ,"lastIngestedAt" :"2023-09-18T10:20:33.000Z" } }] }

Code Sandbox

You can test out the searchContractMetadata method using the code sandbox below:

Use Cases

Here are some potential use cases for the searchContractMetadata method:

- Finding relevant smart contracts
- : If you are looking for a particular smart contract to interact with on a blockchain network, you can use
- searchContractMetadata
- to find contracts that match certain metadata criteria, such as contract name, author, or version.
- Analyzing smart contract usage
- : Blockchain networks allow for the deployment of multiple instances of the same smart contract, each with its own metadata.
- searchContractMetadata
- can be used to analyze metadata from various instances of a particular contract to gain insights into its usage patterns and adoption rates.
- Auditing smart contracts
- : Smart contracts are self-executing and can be complex, making them susceptible to bugs and vulnerabilities.
- searchContractMetadata
- can be used to audit the metadata associated with a particular smart contract to ensure that it is trustworthy and secure.

Related Methods

- getNftMetadata
- : Get the NFT metadata associated with the provided parameters.
- getNftMetadataBatch
- : Gets the NFT metadata for multiple NFT tokens.

Updated 5 months ago

getNftSales - SDK summarizeNftAttributes - SDK Did this page help you?Yes No