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getOwnersForContract - SDK

Gets all the owners for a given NFT contract and the token balance.

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 limportant; } .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 Ift h3:last-child{ margin-bottom: 0; } .api key instruct ban Ift 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: lineargradient(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

Gets all the owners for a given NFT contract along with the token balance.

Note that token balances are omitted by default. To include token balances for each owner, use GetOwnersForContractWithTokenBalancesOptions, which has the withTokenBalances field set to true.

Parameters

Name Type Description contractAddress string The NFT contract to get the owners for. options object Optional parameters to use for the request.

options

parameters

Parameter Type Description with Token Balances boolean Whether to include the token balances per token id for each owner. Defaults to false when omitted. block? string Optional The block number in hex or decimal to fetch owners for.

pageKey? string Optional page key to paginate the next page for large requests. includeCount? boolean If true, include the total count of owners in the response. Only applicable when with Token Balances is not set to true.

GetOwnersForContractWithTokenBalancesOptions

parameters

Parameter Type Description withTokenBalances boolean This parameter must be set to true to include token balances. block? string The block number in hex or decimal to fetch owners for, pageKey string Optional page key to paginate the next page for large requests.

Response

Property Type Description Promise | object An object containing the owners of a contract.

GetOwnersForContractResponse

object properties

Property Type Description owner array of strings An array of owner addresses for the provided contract address. totalCount? number Total count of unique owners. Only present if includeCount is true. pageKey? string Optional Page key that is returned when a collection has more than 50,000 owners.

GetOwnersForContractWithTokenBalancesResponse

object properties

Property Type Description owner array of objects An array of owner addresses for the provided contract address. pageKey? string Optional Page key that is returned when a collection has more than 50,000 owners.

owner

properties

Property Type Description ownerAddress string The NFT's owner address, tokenBalances array of objects A list of objects containing token balances for the provided NFT contract. The parameters in the object include:

1. tokenId: string: The token id owned in the NFT contract. 2. balance: string: The token id balance for the provided owner.

Example Request and Response

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

The commands for installing it using npm or yarn 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 ()=> {// define the contract address const address = "0x61fce80d72363b731425c3a2a46a1a5fed9814b2";//Call the method to fetch the owners for the contract const response

= await alchemy .nft .getOwnersForContract (address)//Logging the response to the console console .log (response) }main ();

Response

JSON {"owners" : ["0x001a61213D72F2F3C95Ff743c80f472749AB8ad3"

- "0x008c79F10CBd14070b106b05d5Fd494e084EE8A5","0x00Ce8F7e0EC4F03a821E8CB3D84479D76151D0A9",
- ,"0x00f3a0fcC47ba9f7A757C255aaa6A286a524ceF9","0x016c6422B74463834514394B7207478982139bB4"
- "0x016DF42305bb3D0E21abF75b456a4Babb1777A4B", "0x01882145348B9908f803740e547EfbaD0983cDcB",

,"0x018eDC98B3190DbB261E6Ff3858c4BA59c71Ba94","0x019D99678BD3B9F1157E763398a3Dd62cb760A23", "0x01aE3e9Aa99F080b59D3A02EE40478af8b3d63c1", "0x01E4cF06C6ADb9231a30Ca17f4A62afE23c0A9c1", "0x01E6357045328fA19C11994af6a4500754E6a75b", "0x02070ed234F1a07cA88F6164791e033C97570d96", "0x0207A5cFc75733D82f2dd5A8b6adf78277EF7347", "0x025DCA13f8803Ed01B3Ea717e2Ee9DaF7A383cDa", "0x02B92b2254c27beD8d4268e663200f705bC76E35", "0x02f52b4aF1deCD963a3f0586D28484F530bdC101", "0x02fe09e15f1fEAEf2E4Dd4b7afd5A12630f1fae6", "0x034C8f85476f2D30c946e3CE5929BC24e8D3B04F", "0x037C8b05C9Ffe5e33B99372d17580C0C915AFa60", "0x037FC3F7f58771CbcC4C32327814769FBF5A8F3F", "0x038080B8BF89847Ca926F9731695859d9c55A4C6", "0xffcEBF6Be845b95CFD42e77c65968662BC8F9f2F"]}

Code Sandbox

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

Use Cases

Here are some potential use cases for the getOwnersForContract function:

- · Portfolio tracking
- : The
- getOwnersForContract
- method can be used to track a user's portfolio of NFTs from a specific contract. This information can be used to display
 the user's NFT holdings and their current market value.
- · Marketplace analytics
- : NFT marketplaces can use the
- getOwnersForContract
- method to analyze the ownership distribution of NFTs from a particular contract. This information can be used to identify trends and inform marketplace strategies.
- · Royalty tracking
- · : Similar to the
- · getOwnersForNft
- · method, the
- getOwnersForContract
- method can be used to track the ownership of NFTs representing intellectual property, such as music or art, and ensure that royalties are paid to the correct parties.
- · Fraud prevention
- : The
- getOwnersForContract
- method can also be used to detect potential fraudulent activity. For example, if many NFTs from a specific contract are being rapidly and frequently transferred to different wallet addresses, it may be a sign of a fraudulent transaction.

Related Methods

Here are the methods related to getOwnersForContract:

- getOwnersForNft
- : Gets all the owners for a given NFT contract address and token ID.

Updated 5 months ago

getOwnersForNft - SDK getSpamContracts -SDK Did this page help you?Yes No