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## getMintedNfts - SDK

The getMintedNfts method gets all the NFTs minted by a specified owner address.

#### 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 limportant; } .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 limportant; 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 {
     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;
  .lear outer
     height: 100%;
  .navbar-nav>li>a {
     font-size: 15px
    padding: 8px 10px;
  .top_header_links ul li a{
  .footer_links_box ul li a{
     font-size: 13px:
  /* dont_have_api_sec_start */
       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 Ift 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_st
   .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?

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## **Description**

getMintedNfts gets all the NFTs minted by a specified owner address.

## **Parameters**

Name Type Description Example Owner Address string Address for the NFT owner (can be in ENS format). "vitalik.eth" or "0xd8da6bf26964af9d7eed9e03e53415d37aa96045" Options (Optional):

- 1. contractAddresses
- 2. tokenType
- 3. pageKey Object :
  - 1. [ string ] 2. string
- 3. string An optional object with the following properties:
- 1. contractAddresses: An array of NFT contract addresses to filter mints by. If omitted, defaults to all contract addresses.
- 2. tokenType: ENUM option to filter mints by ERC721 vs ERC1155 contracts. If omitted, defaults to all NFTs.
- 3. pageKey: Optional page key from an existing response to use for pagination. { contractAddresses: ["0x1F02bF9dDe7C79137a08B2Dd4FC964BfD2499734"], tokenType: "ERC721" }

# Response

The getMintedNfts method returns a Promise object that contains the NFT mints by the specified owner address.

The returned object has the following fields:

Property (Field) Description nfts An array of the transfer objects. Each transfer object contains information about the transferred NFT. pageKey? Optional page key to use to fetch the next group of NFTs. undefined if all the transfers are already included in the response. Each mint object has the following fields:

# **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 yarn add alchemy-sdk

### Request

Here is an example of how to make a getMintedNfts request using the Alchemy SDK:

getMintedNfts.js // Imports the Alchemy SDK const {Alchemy ,Network }= require ("alchemy-sdk");// Configures the Alchemy SDK const config = {apiKey :"demo" ,// 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 );// Example of using the new getMintedNfts method const main = async ()=> {// Address for the NFT owner (can be in ENS format). let address = "vitalik.eth" ;// Additional options for the request. (Optional) let options = {/ \* List of NFT contract addresses to filter mints by. If omitted, defaults to \* all contract addresses. \*/ contractAddresses : ["0x57f1887a8BF19b14fC0dF6Fd9B2acc9Af147eA85"],/ \* Filter mints by ERC721 vs ERC1155 contracts. If omitted, defaults to all \* NFTs. \*/ tokenType: "ERC721", };// Calling the getMintedNfts method let mintedNfts = await alchemy .nft .getMintedNfts (address ,options );// Logging the response to the console console .log (mintedNfts ); };main ();

#### Response

And here is an example of what a successful response to this request might look like:

,"collectionName":"ENS: Ethereum Name Service", "safelistRequestStatus": "verified", "imageUrl": "https://i.seadn.io/gae/0cOqWoYA7xL9CkUjGlxsjreSYBdrUBE0c6EO1COG4XE8UeP-Z30ckqUNiL872zHQHQU5MUNMNhfDpyXIP17hRSC5HQ?w=500&auto=format"

"description": "Ethereum Name Service (ENS) domains are secure domain names for the decentralized world. ENS domains provide a way for users to map human, , description: . Einstellin Name Service (EINS) domains are secure domain names for the decentralized world. ENS domains provide a way for users to map human readable names to blockchain and non-blockchain resources, like Ethereum addresses, IPFS hashes, or website URLs. ENS domains can be bought and sold on secondary markets.", "externalUrl": "https://ens.domains", "twitterUsername": "ensdomains", "lastIngestedAt": "2023-02-03T11:00:29.000Z" }, "contractDeployer": "0x4fe4e666be5752f1fdd210f4ab5de2cc26e3e0e8", "deployedBlockNumber": 9380410 }, "tokenId": "111352653673047713804124050598355152059184664886497242203777472800304891334469", "tokenType": "ERC721", "title": "", "description": "", "timeLastUpdated": "2023-02-07T08:25:55.167Z", "rawMetadata": {}, "tokenUri": {"raw": "https://metadata.ens.domains/mainnet/0x57f1887a8bf19b14fc0df6fd9b2acc9af147ea85/0xf62f5e56fe8da20b0f4596383d464ebbaf1968de230cfb3dd53fc91800228f45"

gateway",

the decentralized world. ENS domains provide a way for users to map human readable names to blockchain and non-blockchain resources, like Ethereum addresses, IPFS hashes, or website URLs. ENS domains can be bought and sold on secondary markets.", "externalUrl": "https://ens.domains", "twitterUsername": "ensdomains", "lastIngestedAt": "2023-02-03T11:00:29.000Z"}, "contractDeployer": "0x4fe4e666be5752f1fdd210f4ab5de2cc26e3e0e8", "deployedBlockNumber": 9380410}, "tokenId" :"103040680624633360426956226800459505851045291463662393946817594920946384752224","tokenType":"ERC721","title":"","description":""
,"timeLastUpdated":"2023-02-07T08:25:59.882Z","rawMetadata": {},"tokenUri": {"raw"
:"https://metadata.ens.domains/mainnet/0x57f1887a8bf19b14fc0df6fd9b2acc9af147ea85/0xe3cef55f7067b9353a1b591cd3ea3af56e998792eb10d19a1b96f0a09917ce60"

gateway"

"https://metadata.ens.domains/mainnet/0x57f1887a8bf19b14fc0df6fd9b2acc9af147ea85/0xe3cef55f7067b9353a1b591cd3ea3af56e998792eb10d19a1b96f0a09917ce60" 

:"0x57f1887a8bf19b14fc0df6fd9b2acc9af147ea85","tokenType":"ERC721","openSea": {"floorPrice":0.0007,"collectionName":"ENS: Ethereum Name Service", "safelistRequestStatus":"verified", "imageUrl":"https://i.seadn.io/gae/0cOqWoYA7xL9CkUjGlxsjreSYBdrUBE0c6EO1COG4XE8UeP-Z30ckqUNiL872zHQHQU5MUNMNhfDpyXIP17hRSC5HQ?w=500&auto=format","description":"Ethereum Name Service (ENS) domains are secure domain names for

Z30ckq0NiL672ZHQHQOSM0NiNihIDpyXiF17/HSC3HQ:W=300kattlo=iormat , description : Etheretin Nathe Service (ENS) domains are secure domain frames for the decentralized world. ENS domains provide a way for users to map human readable names to blockchain and non-blockchain resources, like Ethereum addresses, IPFS hashes, or website URLs. ENS domains can be bought and sold on secondary markets.", "externalUrl" :"https://ens.domains", "twitterUsername" : "ensdomains" , "lastIngestedAt" :"2023-02-03T11:00:29.000Z" }, "contractDeployer" :"0x4fe4e666be5752f1fdd210f4ab5de2cc26e3e0e8", "deployedBlockNumber" :9380410 }, "tokenId" :"79362104341617195787435013155216554898816343870453146709166302825328240112628" , "tokenType" :"ERC721" , "title" :"" ,"description" :"" ,"timeLastUpdated" :"2023-02-07T15:29:43.200Z" ,"rawMetadata" : {}, "tokenUri" : {"raw" :"https://metadata.ens.domains/mainnet/0x57f1887a8bf19b14fc0df6fd9b2acc9af147ea85/0xaf755bf78de2496dbb4f4c665d1437ed11cd5c8835e8e32b16f3bf500cb633f4"

gateway",

:"0xe3c78eca914f215644922e15d080b4198d552885a64958f4bec6516ace149b43","blockNumber":"0xf47bcd"}]}

#### **Code Sandbox**

You can test the getMintedNfts method using the code sandbox below:

## Use Cases

Some of the use cases for getMintedNfts are:

- NFT Collector Portfolio
- : NFT collectors could use the API to retrieve information about all NFTs they have minted and display them as part of their online portfolio.
- NFT Market Analysis
- : An NFT market analysis platform could use the API to gather data on NFTs minted by a specific creator and analyze their popularity and market demand.
- · NFT Creator Monitoring
- : NFT contract owners or administrators could use the API to monitor the NFTs minted by a specific creator and ensure that they comply with the rules and regulations set by the NFT contract.
- NFT Creator Stats
- : An NFT creator could use the API to retrieve information about all their NFTs minted and view statistics such as the total number of NFTs minted.
- NFT Creator Tracking
- : Investors or fans of a specific NFT creator could use the API to track their NFT creation activity and stay updated on their latest NFT releases.

## **Related Methods**

Here are the methods related to getMintedNfts :

- getTransfersForOwner
- : Returns all NFT transfers for a given owner address.
- · : Returns all NFT transfers for a given NFT contract address.

Updated 5 months ago