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getNftsForContract - SDK

Get all NFTs for a given contract address.

This method returns the full NFTs in the contract. To get all NFTs without their associated metadata, use the options parameter.

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:
#000000 !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: #000000 !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_cmnn_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

Get all NFTs for a given contract address.

This method returns the full NFTs in the contract. To get all NFTs without their associated metadata, use the options parameter.

Parameters

Name Type Description contractAddress string The contract address of the NFT contract. options object The parameters to use for the request.

options

paramters

Property Type Description pageKey? string Optional page key from an existing OwnedBaseNftsResponse or OwnedNftsResponse to use for pagination. pageSize number Sets the total number of NFTs to return in the response. Defaults to 100. Maximum page size is 100. omniMetadata boolean Optional boolean flag to omit NFT metadata. Defaults to false. tokenUriTimeoutInMs number No set timeout by default - When metadata is requested, this parameter is the timeout (in milliseconds) for the website hosting the metadata to respond. If you want to only access the cache and not live fetch any metadata for cache misses then set this value to 0.

Response

Property Type Description Promise object The NFTs for the contract

NftContractNftsResponse

object parameters

Property Type Description nfts array of strings An array of NFTs with metadata. pageKey string Pagination token that can be passed into another request to fetch the next NFTs. If there is no page key, then there are no more NFTs to fetch.

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 yarn add alchemy-sdk
```

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 whose NFTs you want to fetch const address =
"0x61fce80d72363b731425c3a2a46a1a5fed9814b2" ;//Call the method to fetch metadata const response = await alchemy
.nft .getNftsForContract (address )//Logging the response to the console console .log (response ) }main ();
```

Response

```
Shell { [ { contract: [Object], tokenId:'345', tokenType:'ERC1155', title:'Undead Warrior #345', description:'Undead Warriors
are a collection of NFTs powered by the Undead Coin (UDC) battling the most difficult challenges in the E-Gaming and Web
3 space.', timeLastUpdated:'2023-02-04T14:55:14.728Z', metadataError: undefined, rawMetadata: [Object], tokenUri:
[Object], media: [Array], spamInfo: undefined }, { contract: [Object], tokenId:'346', tokenType:'ERC1155', title:'Undead
Warrior #346', description:'Undead Warriors are a collection of NFTs powered by the Undead Coin (UDC) battling the most
difficult challenges in the E-Gaming and Web 3 space.', timeLastUpdated:'2023-02-04T14:55:15.998Z', metadataError:
undefined, rawMetadata: [Object], tokenUri: [Object], media: [Array], spamInfo: undefined }, { contract: [Object], tokenId:'347',
tokenType:'ERC1155', title:'Undead Warrior #347', description:'Undead Warriors are a collection of NFTs powered by the
Undead Coin (UDC) battling the most difficult challenges in the E-Gaming and Web 3 space.', timeLastUpdated:'2023-02-
04T14:55:17.183Z', metadataError: undefined, rawMetadata: [Object], tokenUri: [Object], media: [Array], spamInfo:
undefined }, { contract: [Object], tokenId:'348', tokenType:'ERC1155', title:'Undead Warrior #348', description:'Undead
Warriors are a collection of NFTs powered by the Undead Coin (UDC) battling the most difficult challenges in the E-Gaming
and Web 3 space.', timeLastUpdated:'2023-02-04T14:55:19.944Z', metadataError: undefined, rawMetadata: [Object],
tokenUri: [Object], media: [Array], spamInfo: undefined }, { contract: [Object], tokenId:'349', tokenType:'ERC1155',
title:'Undead Warrior #349', description:'Undead Warriors are a collection of NFTs powered by the Undead Coin (UDC)
battling the most difficult challenges in the E-Gaming and Web 3 space.', timeLastUpdated:'2023-02-04T14:55:21.174Z',
metadataError: undefined, rawMetadata: [Object], tokenUri: [Object], media: [Array], spamInfo: undefined }, { contract:
[Object], tokenId:'350', tokenType:'ERC1155', title:'Undead Warrior #350', description:'Undead Warriors are a collection
of NFTs powered by the Undead Coin (UDC) battling the most difficult challenges in the E-Gaming and Web 3 space.',
timeLastUpdated:'2023-02-04T14:55:22.455Z', metadataError: undefined, rawMetadata: [Object], tokenUri: [Object], media:
[Array], spamInfo: undefined }, { contract: [Object], tokenId:'351', tokenType:'ERC1155', title:'Undead Warrior #351',
description:'Undead Warriors are a collection of NFTs powered by the Undead Coin (UDC) battling the most difficult
challenges in the E-Gaming and Web 3 space.', timeLastUpdated:'2023-02-04T14:55:23.755Z', metadataError: undefined,
rawMetadata: [Object], tokenUri: [Object], media: [Array], spamInfo: undefined }, { contract: [Object], tokenId:'352',
tokenType:'ERC1155', title:'Undead Warrior #352', description:'Undead Warriors are a collection of NFTs powered by the
Undead Coin (UDC) battling the most difficult challenges in the E-Gaming and Web 3 space.', timeLastUpdated:'2023-02-
12T22:59:29.229Z', metadataError: undefined, rawMetadata: [Object], tokenUri: [Object], media: [Array], spamInfo:
undefined }, { contract: [Object], tokenId:'353', tokenType:'ERC1155', title:'Undead Warrior #353', description:'Undead
```

Warriors are a collection of NFTs powered by the Undead Coin (UDC) battling the most difficult challenges in the E-Gaming and Web 3 space.' , timeLastUpdated:'2023-02-04T14:55:26.213Z' , metadataError: undefined, rawMetadata: [Object], tokenUri: [Object], media: [Array], spamInfo: undefined }], pageKey:'0x0162' }

Code Sandbox

You can test out the `getNftsForContract` method using the code sandbox below:

Use Cases

Here are some potential use cases for the `getNftsForContract` method:

- NFT marketplace integration
 - : An NFT marketplace could use the `getNftsForContract` method to display all the NFTs associated with a particular contract address. This would allow users to easily browse and search for NFTs on the marketplace.
- Portfolio tracking
 - : NFT collectors or investors could use the `getNftsForContract` method to track their NFT holdings associated with a specific contract address. This could be particularly useful for investors who are interested in tracking the performance of specific NFT projects or creators.
- Gaming applications
 - : Gaming applications that use NFTs could use the `getNftsForContract` method to retrieve all the NFTs associated with a particular game or game studio. This could help developers create more immersive gaming experiences and reward players with unique NFTs for their in-game achievements.

Related Methods

- [getNftsForContractIterator](#)
 - : Fetches all NFTs for a given contract address and yields them in an async iterable.
- [getNftMetadata](#)
 - : Get the NFT metadata associated with the provided parameters.

Updated 5 months ago

[getTransfersForOwner - SDK Ethereum API Quickstart](#) Did this page help you?Yes No