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getNFTs

get <https://{network}.g.alchemy.com/nft/v2/{apiKey}/getNFTs> Gets all NFTs currently owned by a given address.

Method rename

This method has been renamed to [getNftsForOwner](#) in V3 version of the NFT API

Path Params apiKey string required .custom-style { color: #048FF4; } For higher throughput, [create your own API key](#) Query Params owner string required String - Address for NFT owner (can be in ENS format for Eth Mainnet). contractAddresses[] array of strings Array of contract addresses to filter the responses with. Max limit 45 contracts. contractAddresses[] ADD string with Metadata boolean Boolean - if set to true, returns NFT metadata. Setting this to false will reduce payload size and may result in a faster API call. Defaults to true. true false orderBy string Enum - ordering scheme to use for ordering NFTs in the response. If unspecified, NFTs will be ordered by contract address and token ID.

- transferTime: NFTs will be ordered by the time they were transferred into the wallet, with newest NFTs first. NOTE: this ordering is only supported on Ethereum Mainnet and Polygon Mainnet. transferTime null excludeFilters[] array of strings Array of filters (as ENUMS) that will be applied to the query. NFTs that match one or more of these filters will be excluded from the response. May not be used in conjunction with includeFilters[]. Filter Options:
- SPAM: NFTs that have been classified as spam. Spam classification has a wide range of criteria that includes but is not limited to emitting fake events and copying other well-known NFTs. Please note that this filter is currently supported only on Ethereum Mainnet and Matic Mainnet, and is available exclusively on paid tiers
- .
- AIRDROPS: NFTs that have been airdropped to the user. Airdrops are defined as NFTs that were minted to a user address in a transaction sent by a different address. NOTE: this filter is currently supported on Ethereum Mainnet, Ethereum Goerli, and Matic Mainnet only.
- To learn more about spam, you can refer to this [Spam NFTs and how to fix them](#) excludeFilters[] ADD string includeFilters[] array of strings Array of filters (as ENUMS) that will be applied to the query. Only NFTs that match one or more of these filters will be included in the response. May not be used in conjunction with excludeFilters[]. Filter Options:
- SPAM: NFTs that have been classified as spam. Spam classification has a wide range of criteria that includes but is not limited to emitting fake events and copying other well-known NFTs. Please note that this filter is currently supported only on Ethereum Mainnet and Matic Mainnet, and is available exclusively on paid tiers
- .
- AIRDROPS: NFTs that have been airdropped to the user. Airdrops are defined as NFTs that were minted to a user address in a transaction sent by a different address. NOTE: this filter is currently supported on Ethereum Mainnet, Ethereum Goerli, and Matic Mainnet only.

- To learn more about spam, you can refer to this [Spam NFTs and how to fix them](#) includeFilters[] ADD string spamConfidenceLevel string Enum - the confidence level at which to filter spam at.

Confidence Levels:

- VERY_HIGH
- HIGH
- MEDIUM
- LOW

The confidence level set means that any spam that is at that confidence level or higher will be filtered out. For example, if the confidence level is HIGH, contracts that we have HIGH or VERY_HIGH confidence in being spam will be filtered out from the response. Defaults to VERY_HIGH for Ethereum Mainnet and MEDIUM for Matic Mainnet.

Please note that this filter is only available on paid tiers. Upgrade your account [here](#) . VERY_HIGH HIGH MEDIUM LOW tokenUriTimeoutInMs integer 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. pageKey string String - key for pagination. If more results are available, a pageKey will be returned in the response. Pass back the pageKey as a param to fetch the next page of results. pageSize integer Number of NFTs to be returned per page. Defaults to 100. Max is 100.

Response

200

Returns the list of all NFTs owned by the given address and satisfying the given input parameters.

Response body object ownedNfts array of objects ownedNfts object The object that represents an NFT and has all data corresponding to that NFT contract object Object - Contract for returned NFT contract object id object id object balance string String - Token balance title string String - Name of the NFT asset. description string String - Brief human-readable description tokenUri object tokenUri object media object media object metadata object Relevant metadata for NFT contract. This is useful for viewing image url, traits, etc. without having to follow the metadata url in tokenUri to parse manually. metadata object timeLastUpdated string String - ISO timestamp of the last cache refresh for the information returned in the metadata field. error string String - A string describing a particular reason that we were unable to fetch complete metadata for the NFT. contractMetadata object contractMetadata object spamInfo object spamInfo object acquiredAt object Only present if the request specified orderBy=transferTime . acquiredAt object pageKey string String - key for pagination. If more results are available, a pageKey will be returned in the response. Pass back the pageKey as a param to fetch the next page of results. totalCount string String - Total number of NFTs (distinct tokenIds) owned by the given address. blockHash string String - The canonical head block hash of when your request was received i.e. the block corresponding to latest

Updated 5 months ago

[NFT API V2 vs. V3 Endpoint Differences](#) [getNFTMetadata](#) Did this page help you? Yes No