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# summarizeNftAttributes - SDK

Get a summary of attribute prevalence for an NFT collection.

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 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**

Get a summary of attribute prevalence for an NFT collection.

# **Parameters**

Name Type Description contractAddress string Contract address for the NFT collection.

# Response

Property Type Description Promise array of objects An array of objects containing nft metadata.

#### **NftAttributesResponse**

object parameters

Property Type Description contractAddress string The specified NFT contract's address. totalSupply number The specified NFT contract's total supply. summary string The attribute prevalence of each trait grouped by the trait type for the provided NFT

# **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

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 collection = "0xBC4CA0EdA7647A8aB7C2061c2E118A18a936f13D" ;//Call the method to fetch a summary a attribute prevalence for an NFT collection. const response = await alchemy .nft .summarizeNftAttributes (collection )//Logging the response to the console console .log (response ) };main ();

## Response

JSON (summary: {Fur: {Tan: 626, 'Death Bot': 175, Trippy: 77, Brown: 1370, Gray: 496, 'Golden Brown: 1778, Blue: 490 Noise :155 ,Zombie :302 ,Cream :636 ,'Solid Gold' :46 ,Dmt :215 ,Black :1229 ,Cheetah :406 ,'Dark Brown' :1352 ,Red :474 Pink :511 ,White :397 ,Robot :265 },Eyes : {Heart :394 ,Sleepy :751 ,Eyepatch :333 ,'X Eyes' :243 ,Zombie :308 ,Angry :432 ,Coins :479 ,'Blue Beams' :49 ,'Wide Eyed' :549 ,Hypnotized :220 ,Bloodshot :846 ,Blindfold :264 ,Sunglasses :352 '3d' :487 ,Bored :1714 ,'Laser Eyes' :69 ,Cyborg :108 ,Crazy :407 ,Closed :710 ,Sad :551 ,Scumbag :233 ,Robot :350 'Holographic :151 }, Background : {Gray :1170 , Aquamarine :1266 , Blue :1242 , Purple :1291 , Yellow :1283 , 'New Punk Blue' :1232 ,'Army Green' :1243 ,Orange :1273 },Mouth : {'Phoneme Vuh' :333 ,Discomfort :208 ,'Bored Unshaven Pipe' :101 ,'Bored Cigarette' :710 ,Rage :266 ,'Bored Bubblegum' :119 ,'Bored Pizza' :50 ,Grin :713 ,'Bored Party Horn' :88 ,Bored :2272 ,'Bored Unshaven Bubblegum' :65 ,'Bored Unshaven Cigarette' :438 ,Jovial :296 ,'Tongue Out' :202 ,'Grin Multicolored' :116 ,'Small Grin' :272 ,'Bored Unshaven Party horn' :45 ,'Phoneme ooo' :255 ,'Bored Unshaven' :1551 ,'Bored Unshaven Pizza' :26 ,'Bored Unshaven Dagger' :28 ,'Phoneme Wah' :163 ,'Phoneme Oh' :237 ,Dumbfounded :505 ,'Bored Pipe':132, 'Grin Gold Grill':91, 'Bored Unshaven Cigar':94, 'Phoneme L':241, 'Bored Unshaven Kazoo':61, 'Grin Diamond Grill': 78, 'Bored Dagger': 49, 'Bored Cigar': 121, 'Bored Kazoo': 74, Hat: ("Trippy Captain's Hat": 65, 'Bayc Flipped Brim' :231 ,'Short Mohawk' :318 ,Safari :182 ,'Cowboy Hat' :354 ,"Sea Captain's Hat" :304 ,'Vietnam Era Helmet' :223 ,'Sushi Chef Headband' :187 ,'Irish Boho' :225 ,"Girl's Hair Short" :150 ,'Laurel Wreath' :72 ,"Girl's Hair Pink" :105 ,'Bayc Hat Red' :119 Horns :252 ,"Fisherman's Hat" :345 ,Bowler :262 ,'Spinner Hat' :181 ,'Faux Hawk' :136 ,"Seaman's Hat" :420 ,'Ww2 Pilot Helm' :110 ,'Party Hat 1' :120 ,'Party Hat 2' :107 ,Beanie :578 ,"King's Crown" :77 ,'Army Hat' :294 ,'Commie Hat' :304 ,'Bunny Ears' :195 ,'S&m Hat' :235 ,'Stuntman Helmet' :157 ,Fez :377 ,'Bandana Blue' :89 ,'Bayc Hat Black' :228 ,Halo :324 Police Motorcycle Helmet':130, 'Prussian Helmet':130, "Baby's Bonnet":158 } , totalSupply:10000, contractAddress, :'0xbc4ca0eda7647a8ab7c2061c2e118a18a936f13d' }

#### Code Sandbox

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

# **Use Cases**

Here is a potential use case for the summarizeNftAttributes method:

- · Users can use the
- summarizeNftAttributes
- method to get an overview of all the traits in an NFT Collection and also find out which traits are rare.

Updated 5 months ago

getAddresses - SDK deleteWebhook - SDK Did this page help you?Yes No