AvatarID API Integration Descriptions

Brief Introduction

AvatarID is a decentralized set of custom avatar protocols provided by Lifeform, and it allows users to customize their unique WEB3 avatars by holding NFTs (either 721 or 1155). In any EVM-compatible public blockchain environment, it is possible to obtain information about a user's avatar assets on the Binance Smart Chain (BSC) network or test network simply by using the user's address.

Integration Descriptions

AvatarID provides two ways to integrate with your project.

1.JS SDK integration

git pull code

```
git clone git@github.com:lifeformcc/AvatarID-demo.git
```

import code

```
import AvatarID from './AvatarID.js';
```

initialize

```
const avatarID = new AvatarID({
         key: "project key",
         env: "env params",
    });
let result = await avatarID.getList("user address", "avatar collection address")
//todo something
```

TIPS :

project key

obtain the authorization key by applying to the project side.

env params

environment parameters, test network is 'test', main network is 'prod' .

API

```
/**
  * getList avatar data list
  * @contract avatar collection address
  * @account owner address
  * */
async getList(account,contract)
```

contract（option）

Below are the avatar collection contract addresses. Currently, lifeform avatar and lifeform cartoon avatar are supported. If no parameters are passed by default, lifeform avatar assets are returned.

	test net	main net
lifeform avatar	0x5D392622E85d7F360711604E2EEdCde82d482913	0xa2b2a7774e29f13E17F95b0fcc0722e7Be36E49
lifeform cartoon avatar	0x1794b37ea523dE5a2c5e7B9D71c1ca6464A4aE16	0x6f282fc910CD6eCdCcC9E0f0e6EA3e5602A24d5

return structure

```
[
  {
    image:'xxx',  //the avatar image url
    token_id:'xxx'//if user has not set the avatar, token id is -1

  },
  {
    image:'xxx',
    token_id:'xxx'
  }
]
```

2.REST API integration

The JS SDK is actually the encapsulation of the REST API, if your environment is not a web-based, you can directly call the interface using the REST method to obtain the same data.

API

/api/v2/avatarId/avatarList

Method :

get

Headers :

Authorization：the project key

Params :

account：the owner address

contract(option)：avatar collection contract address

Return :

status：status code, 10000 means the result is correct, other codes mean the result is wrong.

result：an array of user assets list, with a data structure that refers to the data structure returned by avatarID JS SDK.

Host :

main net host: https://pandora.lifeform.cc/lifeform_bsc_prod

test net host: https://pandora-test.lifeform.cc/lifeform_bsc

FAQ

If any project needs our support to use their own NFT as a custom avatar, please send an email to: dev@lifeform.cc