ArtZero API and BackEnd

Git URL:
https://github.com/ArtZero-io/az-backend
IP:
18.138.185.86
Location: AWS Singapore

APIs

URL: https://api.artzero.io/
Code Location: **az_api.js**
Run as pm2 service in backend server

1. Ask Backend to update Collection Data

/updateCollection
Method: **POST**
Inputs:
collection_address: address of NFT Contract Address (Collection Address)

2. Ask Backend to update NFT Data

/updateNFT
Method: **POST**
Inputs:
collection_address: address of NFT Contract Address (Collection Address)
token_id: Token ID

3. Get Collection Contract Address using by the Backend

/getCollectionContract
Method: **GET**
Inputs:
N/A

4. Get total Collections in Database

/getCollectionCount
Method: **GET**
Inputs:
N/A

5. Get Collections

/getCollections
Method: **POST**

Inputs:
limit: how many collections to get
offset: where to start
sort: 1 = ASC and -1 = DESC
isActive: true/false
Example:
{limit: 6, offset:0,sort:-1,isActive:true}
trang 1: Lấy 6 collections, bắt đầu từ 0, sắp xếp theo thứ tự mới nhất
{limit: 6, offset:6,sort:-1,isActive:true}
trang 2: Lấy 6 collections, bắt đầu từ 6, sắp xếp theo thứ tự mới nhất

6. Get Collection Information by ID

/getCollectionByID
Method: **POST**
Inputs:
id: index của collection trong DB trùng với index trên contract

7. Get Collection Information by Collection Address

/getCollectionByAddress
Method: **POST**
Inputs:
collection_address: address of NFT Contract Address (Collection Address)

8. Get list of NFTs

/getNFTs
Method: **POST**
Inputs:
limit: how many collections to get
offset: where to start
sort: 1 = ASC and -1 = DESC
Example:
{limit: 6, offset:0,sort:-1}
trang 1: Lấy 6 collections, bắt đầu từ 0, sắp xếp theo thứ tự mới nhất
{limit: 6, offset:6,sort:-1}
trang 2: Lấy 6 collections, bắt đầu từ 6, sắp xếp theo thứ tự mới nhất

9. Get NFT Information by token ID

/getNFTByID

Method: **POST**
Inputs:
collection_address: address of NFT Contract Address (Collection Address)
token_id: Token ID

10. Get Collections by Volume

/getCollectionsByVolume
Method: **POST**
Inputs:
limit: how many collections to get
offset: where to start
sort: 1 = ASC and -1 = DESC
isActive: true/false
Example:
{limit: 6, offset:0,sort:-1}
trang 1: Lấy 6 collections, bắt đầu từ 0, sắp xếp theo volume nhỏ nhất
{limit: 6, offset:6,sort:-1}
trang 2: Lấy 6 collections, bắt đầu từ 6, sắp xếp theo volume lớn nhất

11. Get Floor Price

/getFloorPrice
Method: **POST**
Inputs:
collection_address: address of NFT Contract Address (Collection Address)

12. Ask Backend to cache an Image

/cacheImage
Method: **POST**
Inputs:
input: IPFS hash hoặc link hoặc URL tới image
is1024: có cache cỡ 1024 ko (true or false) default: false

13. Get Cached Image

/getImage
Method: **GET**
Inputs:
input: IPFS hash hoặc link hoặc URL tới image
size: image size 100, 500 or 1024

url: trả về url này khi ko lấy được image từ cached

14. Get Collections by Collection Owner

/getCollectionsByOwner
Method: **POST**
Inputs:
owner: address of Collection Owner
limit: how many collections to get
offset: where to start
sort: 1 = ASC and -1 = DESC

15. Get NFTs by NFT Owner

/getNFTsByOwner
Method: **POST**
Inputs:
owner: address of NFT Owner
limit: how many NFT to get
offset: where to start
sort: 1 = ASC and -1 = DESC

16. Get NFTs by NFT Owner and Collection

/getNFTsByOwnerAndCollection
Method: **POST**
Inputs:
owner: address of NFT Owner
collection_address: Collection Address
limit: how many NFT to get
offset: where to start
sort: 1 = ASC and -1 = DESC

17. Ask Backend to cache JSON

/cacheJSON
Method: **POST**
Inputs:
input: IPFS hash hoặc link hoặc URL tới JSON

18. Get Cached JSON

/getJSON

Method: **GET**
Inputs:
input: IPFS hash hoặc link hoặc URL tới image

19. Get NFTs by Collection Address

/getNFTsByCollectionAddress
Method: **POST**
Inputs:
collection_address: Collection Address
limit: how many NFT to get
offset: where to start
sort: 1 = ASC and -1 = DESC

20. Ask Backend to update Bid Data

/updateBids
Method: **POST**
Inputs:
collection_address: address of NFT Contract (Collection Address)
seller: address of Seller
token_id: Token ID

21. Get Bids from DB by Bidder Address

/getBidsByBidderAddress
Method: **POST**
Inputs:
bidder: Bidder Address
limit: how many bids to get
offset: where to start
sort: 1 = ASC and -1 = DESC

22. Count Number of Collections by Collection Owner

/countCollectionsByOwner
Method: **POST**
Inputs:
owner: address of Collection Owner
noNFT: include collection with No NFT. Default is false

23. Get Featured Collections

/getFeaturedCollections
Method: **GET**
Inputs:
N/A

24. Get listed NFTs

/getListedNFTs
Method: **POST**
Inputs:
limit: how many record to get
offset: where to start
sort: 1 = ASC and -1 = DESC

25. Get unlisted NFTs

/getUnlistedNFTs
Method: **POST**
Inputs:
limit: how many record to get
offset: where to start
sort: 1 = ASC and -1 = DESC

26. Get new Listed NFT Events

/getNewListEvents
Method: **POST**
Inputs:
collection_address: address of NFT Contract (Collection Address) blank for all
limit: how many record to get
offset: where to start
sort: 1 = ASC and -1 = DESC

27. Get new UnListed NFT Events

/getUnlistEvents
Method: **POST**
Inputs:
collection_address: address of NFT Contract (Collection Address) blank for all
limit: how many record to get

offset: where to start
sort: 1 = ASC and -1 = DESC

27. Get Purchase Events

/getPurchaseEvents
Method: **POST**
Inputs:
collection_address: address of NFT Contract (Collection Address) blank for all
limit: how many record to get
offset: where to start
sort: 1 = ASC and -1 = DESC

28. Get Accepted Bid Events

/getBidWinEvents
Method: **POST**
Inputs:
collection_address: address of NFT Contract (Collection Address) blank for all
limit: how many record to get
offset: where to start
sort: 1 = ASC and -1 = DESC

29. Search Collections

/searchCollections
Method: **POST**
Inputs:
keywords: what to search for
limit: how many record to get (default 15)
isActive: is Collection must be active? Default true
ignoreNoNFT: false if nft count must > 0, true include 0 nft count

30. Get Add Reward History

/getAddRewardHistory
Method: **POST**
Inputs:
limit: how many record to get
offset: where to start
sort: 1 = ASC and -1 = DESC

31. Get Reward Claim History

/getClaimRewardHistory
Method: **POST**
Inputs:
staker_address: staker address if not provided, show all
limit: how many record to get
offset: where to start
sort: 1 = ASC and -1 = DESC

32. Get Ownership History for an NFT

/getOwnershipHistory
Method: **POST**
Inputs:
owner: address of the owner
collection_address: address of NFT Contract
token_id: NFT Token ID