1. Log In

The API interface under the Log in module is used to manage user information and authorized application to access API. Users need to use the BTC Taproot address to log in. This module uses a unified address: http://119.147.213.61:38080.

1.1 Get Challenge Message

Get the challenge information that requires the user's signature.

Request Address

```
/v1/btc/challenge
```

Request Method

GET

Header parameters

parameter	required?	type	description
Origin	yes	string	website domain name

Path parameters

null

Query parameters

parameter	required?	type	description
address	yes	string	BTC address(Taproot)

Body

null

Response

parameter	type	description
message	string	challenge message

Request Example

Response Example

1.2 Log In

Log in to the server to obtain access to all POST interfaces in the document.

Request Address

```
/v1/btc/login
```

Request Method

POST

Header parameters

null

Path parameters

null

Query parameters

null

Body

parameter	type	description
message	string	challenge message
signature	string	signature for challenge messages with the user's private key

Signature's generation method can be referred to the [document](#). It can also be signed using BTC's signmessage interface.

Response

parameter	type	description
accessToken	string	token for accessing the API
refreshToken	string	token for refreshing the accessToken

Request Example

Response Example

1.3 Refresh

Refresh the access token.

Request Address

```
/v1/btc/refresh
```

Request Method

Header parameters

parameter	Value
Authorization	Bearer YOUR_REFRESH_TOKEN

Path parameters

null

Query parameters

null

Body

null

Response

parameter	type	description
accessToken	string	token for accessing the API

Request Example

Response Example

2. Inscription

The API interface under the Inscriptions module is used to query the inscription information. A uniform address is used under this module: http://119.147.213.61:38080.

2.1 Get Inscription Info

Get inscription info by inscriptionId.

Request Address

```
/v1/inscription/{inscriptionId}/info
```

Request Method

GET

Header parameters

null

Path parameters

parameter	type	description
inscriptionId	string	inscription unique id

Query parameters

null

Body

null

Response

parameter	type	description
utxoInfo	Object	UTXO info
inscriptionInfo	Object	inscription info

structure of utxoInfo

parameter	type	description
txid	string	transaction id
vout	integer	offset in transaction outputs
satoshi	integer	output's balance
scriptPk	string	lock script
address	string	owner's address

structure of inscriptionInfo

parameter	type	description
inscriptionId	string	inscription's unique id
commitTransactionHash	string	commit transaction 's hash
revealTransactionHash	string	reveal transaction 's hash
blockHeight	integer	block height
owner	integer	inscription's owner

Request Example

Response Example

2.2 Get Inscription Content

Get inscription content by inscriptionId.

Request Address

```
/v1/inscription/{inscriptionId}/content
```

Request Method

GET

Header parameters

null

Path parameters

parameter	type	description
inscriptionId	string	inscription unique id

Query parameters

null

Body

null

Response(string)

parameter	type	description
content	string	inscription content

Request Example

Response Example

2.3 Get Address Inscription Info

Get list of inscription info by address.

Request Address

```
/v1/address/{address}/inscription/info
```

Request Method

GET

Header parameters

null

Path parameters

parameter	type	description
address	string	btc address(taproot)

Query parameters

parameter	required?	type	description
start	no	integer	start offset(default: 0)
end	no	integer	end offset(default: 10)

Body

null

Response

parameter	type	description
infos	Arrary<Object>	a list of inscription info
total	integer	total number of inscriptions info

structure of infos

parameter	type	description
utxoInfo	Object	UTXO info
inscriptionInfo	Object	inscription info

structure of utxoInfo

parameter	type	description
txid	string	transactio id

Request Example

Response Example

2.4 Get UTXO Inscription Info

Get inscription info by utxo.

Request Address

```
/v1/output/{output}/inscription/info
```

Request Method

GET

Header parameters

null

Path parameters

parameter	type	description
output	string	transaction output, e.g. {cd8e555a9d988224f5de1a52ad17f988c65b15086b11ff5ebdf12bf5ccaa3246:0}

Query parameters

null

Body

null

Response

parameter	type	description
utxoInfo	Object	UTXO info
inscriptionInfo	Object	inscription info

structure of utxoInfo

parameter	type	description
txid	string	transactio id
vout	integer	offset in transaction outputs
satoshi	integer	output's balance
scriptPk	string	lock script
address	string	owner's address

structure of inscriptionInfo

parameter	type	description
inscriptionId	string	inscription's unique id
commitTransactionHash	string	commit transaction's hash
revealTransactionHash	string	reveal transaction's hash
blockHeight	integer	block height
owner	integer	inscription's owner

Request Example

Response Example

3. Fungible Token

The API interface under the Fungible Token module is used to manage the tokens held by users. This module uses a unified address: http://119.147.213.61:38080.

3.1 Get FT List

Get the tiker list of FT.

Request Address

```
    /v1/ft/list
```

Request Method

GET

Header parameters

null

Path parameters

null

Query parameters

parameter	required?	type	description
start	no	integer	start offset(Default: 0)
end	no	integer	end offset(Default: 10)

Body

null

Response

parameter	type	description
ftInfos	Array<Object>	list of FT info
total	integer	Total number of FT info

structure of ftInfos

parameter	type	description
tick	string	FT's ticker
max	integer	total supply
limit	integer	maximum mint amount for a single mint
minted	integer	total minted amount

Request Example

Response Example

Request Address

```
/v1/address/{address}/ft/{tick}/balance
```

Request Method

GET

Header parameters

null

Path parameters

parameter	type	description
address	string	btc address(taproot)
tick	string	FT ticker

Query parameters

null

Body

null

Response

parameter	type	description
tick	string	FT's ticker
address	string	btc address(taproot)
overallBalance	integer	overall balance
transferableBalance	integer	transferable balance
availableBalance	integer	available balance

Request Example

Response Example

3.3 Create FT Deploy Inscription

Create an order to inscribe Deploy Inscription.

Request Address

```
/v1/ft/deploy
```

Request Method

POST

Header parameters

parameter	Value
Content-Type	application/json
Authorization	Bearer YOUR_ACCESS_TOKEN

Path parameters

null

Query parameters

null

Body

parameter	required?	type	description
tick	yes	string	FT ticker
max	yes	integer	total supply
limit	yes	integer	maximum mint amount for a single mint

Response

parameter	type	description
inscriptionId	string	deploy inscription's Unique id
commitTransactionHash	string	commit transaction's hash
revealTransactionHash	string	reveal transaction's hash
blockHeight	integer	block height

owner	string	deploy inscription's owner

Request Example

Response Example

3.4 Create FT Mint Inscription

Create an order to inscribe Mint Inscription.

Request Address

```
/v1/ft/mint
```

Request Method

POST

Header parameters

parameter	Value
Content-Type	application/json
Authorization	Bearer YOUR_ACCESS_TOKEN

Path parameters

null

Query parameters

null

Body

parameter	required?	type	description
tick	yes	string	FT ticker
amount	yes	integer	mint amount

Response

parameter	type	description
inscriptionId	string	deploy inscription's Unique id
commitTransactionHash	string	commit transaction's hash
revealTransactionHash	string	reveal transaction's hash
blockHeight	integer	block height
owner	integer	deploy inscription's owner

Request Example

Response Example

3.5 Create FT Transfer Inscription

Create an order to inscribe Transfer Inscription.

Request Address

/v1/ft/transfer

Request Method

POST

Header parameters

parameter	Value
Content-Type	application/json
Authorization	Bearer YOUR_ACCESS_TOKEN

Path parameters

null

Query parameters

null

Body

parameter	required?	type	description
tick	yes	string	FT ticker
amount	yes	integer	mint amount

Response

parameter	type	description
inscriptionId	string	deploy inscription's Unique id
commitTransactionHash	string	commit transaction's hash
revealTransactionHash	string	reveal transaction's hash
blockHeight	integer	block height
owner	integer	deploy inscription's owner

Request Example

Response Example

/v1/da/list

Request Method

GET

Header parameters

null

Path parameters

null

Query parameters

parameter	required?	type	description
start	no	integer	start offset(Default: 0)
end	no	integer	end offset(Default: 10)

Body

null

Response

parameter	type	description
daInfos	Array<Object>	list of DA info
total	integer	Total number of DA info

structure of daInfos

parameter	type	description
tick	string	Data Access system's ticker
storage	string	storage address(who publish proof of data access)
foundation	string	foundation address(collect profit when proof failed)
interval	integer	Cycle time to submit proof (sec)
token	string	accept FT
price	integer	Fees to be paid for a single upload

Request Example

```
/v1/address/{address}/da/{tick}/hold
```

Request Method

GET

Header parameters

null

Path parameters

parameter	type	description
address	string	btc address(taproot)
tick	string	DA ticker

Query parameters

parameter	required?	type	description
start	no	integer	start offset(default: 0)
end	no	integer	end offset(default: 10)

Body

null

Response

parameter	type	description
dataInfos	Array<Object>	list of data info
total	integer	Total number of data info

structure of dataInfos

parameter	type	description
tick	string	DA's ticker
id	string	data commitment
inscriptionId	string	Upload inscription's unique id

Request Example

4.3 Create Upload Request

Create a request to uploading data to da.

Request Address

/v1/da/upload/create

Request Method

POST

Header parameters

parameter	Value
Content-Type	application/json
Authorization	Bearer YOUR_ACCESS_TOKEN

Path parameters

null

Query parameters

null

Body

parameter	required?	type	description
data	yes	string	base64 encoded data

Response

parameter	type	description
id	string	data commitment

Request Example

Response Example

4.4 Confirm Upload Request

Comfirm the upload request to upload the data to the DA.

Request Address

/v1/da/upload/create

Request Method

POST

Header parameters

parameter	Value
Content-Type	application/json
Authorization	Bearer YOUR_ACCESS_TOKEN

Path parameters

null

Query parameters

null

Body

parameter	required?	type	description
id	yes	string	data commitment
signature	yes	string	signature for id with the user's private key

Response

parameter	type	description
inscriptionId	string	upload inscription's unique id
commitTransactionHash	string	commit transaction's hash
revealTransactionHash	string	reveal transaction's hash
blockHeight	integer	block height

owner	string	upload inscription's owner

Request Example

Response Example

4.5 Download From DA

Download data from Data Access System.

Request Address

```
/v1/da/download
```

Request Method

GET

Header parameters

null

Path parameters

null

Query parameters

parameter	required?	type	description
id	yes	string	data commitment

Body

null

Response

parameter	type	description
tick	string	DA's ticker
id	string	data commitment

inscriptionId	string	Upload inscription's unique id

Request Example

Response Example

5. Non-Fungible Token

5.1 Get On-chain NFT Conlection List

Get the tiker list of on-chain NFT collection.

Request Address

/v1/nft/list

Request Method

GET

Header parameters

null

Path parameters

null

Query parameters

parameter	required?	type	description
start	no	integer	start offset(Default: 0)
end	no	integer	end offset(Default: 10)

Body

null

Response

parameter	type	description
nftInfos	Array<Object>	list of on-chain NFT collection info
total	integer	Total number of on-chain NFT collection info

structure of nftInfos

parameter	type	description
tick	string	NFT's ticker
da	string	Data Access system's ticker
description	string	a description of the NFT collection
id	string	the commitment of the picture of the NFT collection
deployer	string	deployer address

Request Example

/v1/nft/offchain/list

Request Method

GET

Header parameters

null

Path parameters

null

Query parameters

parameter	required?	type	description
start	no	integer	start offset(Default: 0)
end	no	integer	end offset(Default: 10)

Body

null

Response

parameter	type	description
nftInfos	Array<Object>	list of off-chain NFT collection info
total	integer	Total number of off-chain NFT collection info

structure of nftInfos

parameter	type	description
tick	string	NFT's ticker
da	string	Data Access system's ticker
description	string	a description of the NFT collection
id	string	the commitment of the picture of the NFT collection
deployer	string	deployer address
max	integer	total supply nft
uploaded	integer	number of uploaded file

```
/v1/address/{address}/nft/{tick}/hold
```

Request Method

GET

Header parameters

null

Path parameters

parameter	type	description
address	string	btc address(taproot)
tick	string	NFT ticker

Query parameters

parameter	required?	type	description
start	no	integer	start offset(default: 0)
end	no	integer	end offset(default: 10)

Body

null

Response

parameter	type	description
nfts	Array<Object>	list of NFT hold by user
total	integer	Total number of on-chain NFT

structure of nfts

parameter	type	description
tick	string	NFT's ticker
id	string	data commitment for NFT content
inscriptionId	string	NFT Mint inscription's unique id

Request Example

Response Example

5.4 Get Off-chain NFT Content List

Get a list of Off-chain NFT content.

Request Address

```
/v1/nft/offchain/{tick}/content/list
```

Request Method

GET

Header parameters

null

Path parameters

parameter	type	description
tick	string	NFT ticker

Query parameters

parameter	required?	type	description
start	no	integer	start offset(default: 0)
end	no	integer	end offset(default: 10)

Body

null

Response

parameter	type	description
dataIds	Array<string>	list of off-chain NFT content commitment
total	integer	Total number of off-chain NFT content commitment

Request Example

Response Example

5.5 Create NFT Deploy Inscription

Creating a deploy inscription is divided into 3 steps:

1) **Creating a deploy request**: uploading relevant information about the deploy inscription, such as information about the da used and the total number of NFTs issued;

2) **Batch upload data:** deployer batch uploads audited data (due to subsequent mint nft);

3) **Confirm The deploy request:** after the batch upload is complete, the deployer confirms the creation of the deploy inscription.

5.5.1 Create Deploy Request

Create a request for creating deploy inscription.

Request Address

/v1/nft/deploy/create

Request Method

POST

Header parameters

parameter	Value
Content-Type	application/json
Authorization	Bearer YOUR_ACCESS_TOKEN

Path parameters

null

Query parameters

null

Body

parameter	required?	type	description
tick	yes	string	NFT ticker
da	yes	integer	Specifies the NFT content location
description	yes	string	a description of the NFT collection
data	yes	string	a picture of the NFT collection
max	yes	integer	total supply NFT

Response

null

Request Example

Response Example

```
/v1/nft/deploy/batch_upload
```

Request Method

POST

Header parameters

parameter	Value
Content-Type	multipart/form-data
Authorization	Bearer YOUR_ACCESS_TOKEN

Path parameters

null

Query parameters

null

Body(form-data)

parameter	required?	type	description
tick	yes	string	NFT ticker
files	yes	Arrary<file>	list of nft data

Response

parameter	type	description
dataIds	Arrary<string>	collection of data commitments

Request Example

Response Example

5.5.3 Confirm Deploy Request

Confirm the deploy request when the deployer has uploaded all the NFT data..

Request Address

```
/v1/nft/deploy/confirm
```

Request Method

POST

Header parameters

parameter	Value
Content-Type	application/json
Authorization	Bearer YOUR_ACCESS_TOKEN

Path parameters

null

Query parameters

null

Body

parameter	required?	type	description
tick	yes	string	NFT ticker
id	yes	string	NFT collection's content commitment
signature	yes	string	signature for id with the user's private key

Response

parameter	type	description
inscriptionId	integer	deploy inscription's unique id
commitTransactionHash	string	commit transaction's hash
revealTransactionHash	string	reveal transaction's hash
blockHeight	integer	block height
owner	integer	deploy inscription's owner

Request Example

/v1/nft/mint

Request Method

POST

Header parameters

parameter	Value
Content-Type	application/json
Authorization	Bearer YOUR_ACCESS_TOKEN

Path parameters

null

Query parameters

null

Body

parameter	required?	type	description
tick	yes	string	NFT ticker
id	yes	integer	NFT content commitment
signature	yes	string	signature for id with the user's private key

Response

parameter	type	description
inscriptionId	string	mint inscription's Unique id
commitTransactionHash	string	commit transaction's hash
revealTransactionHash	string	reveal transaction's hash
blockHeight	integer	block height
owner	integer	deploy inscription's owner

Request Example

Request Address

```
/v1/market/ft/list
```

Request Method

GET

Path parameters

null

Query parameters

parameter	required?	type	description
start	no	integer	start offset(Default: 0)
end	no	integer	end offset(Default: 10)
order	no	string	Sorting rules (the default is volum_sec, sorting by total transaction value from high to low)

Optional order:

1. volum_sec: sorting by total transaction value from high to low

2. volum_dsec: sorting by total transaction value from low to high

3. listed_sec: sorting by number of orders from high to low

4. listed_dsec: sorting by number of orders from low to high

5. price_sec: sorting by floor price from high to low

6. price_dsec: sorting by floor price from low to high

Body

null

Response

parameter	type	description
ftInfos	Array<Object>	list of FT info
total	integer	total number of FT info

structure of ftInfos

parameter	type	description
tick	string	FT's ticker
max	integer	total supply
limit	integer	minimum mint amount for a single mint

minted	integer	total minted amount
listed	integer	the number of FT orders
transactions	integer	the number of transactions
holders	integer	the number of addresses holding the FT
volume	integer	total volume
capitalization	integer	market capitalization
floorPrice	integer	floor price （sats/token）

Request Example

Response Example

6.1.2 Get FT Sale Orders

Get a list of on sale ft orders.

Request Address

```
    /v1/market/ft/{tick}/order/list
```

Request Method

GET

Path parameters

parameter	type	description
tick	string	FT ticker

Query parameters

parameter	required?	type	description
start	no	integer	start offset(Default: 0)
end	no	integer	end offset(Default: 10)
order	no	string	Sorting rules (the default is price_dsec, sorting by average price of pre token from low to high)

Optional order:

1.   price_sec: sorting by average price of pre token from high to low

2.   price_dsec: sorting by average price of pre token from low to high

3.   amount_sec: sorting by number of tokens from high to low

4.   amount_dsec: sorting by number of tokens from low to high

5.   recent: sorting by order of listing time

Body

null

Response

parameter	type	description
orderInfos	Arrray<Object>	list of order info
total	integer	total number of order info

structure of orderInfos

parameter	type	description

/v1/market/address/{address}/ft/{tick}/order/list

Request Method

GET

Path parameters

parameter	type	description
tick	string	FT ticker
address	string	BTC address

Query parameters

parameter	required?	type	description
start	no	integer	start offset(Default: 0)
end	no	integer	end offset(Default: 10)
order	no	string	Sorting rules (the default is recent, sorting by order of listing time)

Optional order:

1. price_sec: sorting by average price of pre token from high to low

2. price_dsec: sorting by average price of pre token from low to high

3. amount_sec: sorting by number of tokens from high to low

4. amount_dsec: sorting by number of tokens from low to high

5. recent: sorting by order of listing time

Body

null

Response

parameter	type	description
orderInfos	Arrary<Object>	list of order info
total	integer	total number of order info

structure of orderInfos

parameter	type	description
tick	string	FT ticker
orderId	string	FT sale order id
inscriptionId	string	FT transfer inscription unique id
seller	string	seller address
amount	integer	sale amount
price	integer	sale price

Request Example

Response Example

6.1.4 Get FT transaction History List

Get a list of FT transaction history.

Request Address

/v1/market/ft/{tick}/transaction/list

Request Method

GET

Path parameters

parameter	type	description
tick	string	FT ticker

Query parameters

parameter	required?	type	description
start	no	integer	start offset(Default: 0)
end	no	integer	end offset(Default: 10)

Body

null

Response

parameter	type	description
transactionInfos	Arrary<Object>	list of transaction info
total	integer	total number of transaction info

structure of orderInfos

parameter	type	description
tick	string	FT ticker
from	integer	seller address
to	integer	buyer address
amount	integer	FT amount
price	integer	price
time	integer	transaction completion time

/v1/market/address/{address}/ft/{tick}/transaction/list

Request Method

GET

Path parameters

parameter	type	description
tick	string	FT ticker
address	string	BTC address

Query parameters

parameter	required?	type	description
start	no	integer	start offset(Default: 0)
end	no	integer	end offset(Default: 10)

Body

null

Response

parameter	type	description
transactionInfos	Arrary<Object>	list of transaction info
total	integer	total number of transaction info

structure of orderInfos

parameter	type	description
tick	string	FT ticker
from	integer	seller address
to	integer	buyer address
amount	integer	FT amount
price	integer	price

Response Example

6.1.6 Create Sale Orders

Create sale order for chosen ft Transfer inscription. Before calling this interface, you need to call FT's Transfer interface.

Request Address

/v1/market/ft/order/sell/create

Request Method

POST

Path parameters

null

Query parameters

null

Body

parameter	required?	type	description
inscriptionId	yes	string	FT transfer inscription unique id
price	yes	string	FT price
receivedAddress	yes	string	address to receive BTC

Response

parameter	type	description
orderId	string	FT sale order id
psbt	string	base64 format psbt
signIndex	Array<integer>	Specifies the signature location

Request Example

Response Example

6.1.7 Confirm Sale Order

Confirm sale order for chosen ft Transfer inscription. You should sign in the psbt with SIGHASH_SIGNAL | SIGHASH_ANYONECANPAY.

Request Address

/v1/market/ft/order/sell/confirm

Request Method

POST

Path parameters

null

Query parameters

null

Body

parameter	required?	type	description
orderId	yes	string	FT sale order id
psbt	yes	string	base64 format psbt, signed by seller

Response

null

Request Example

Response Example

6.1.8 Create Purchase Order

Create purchase order for chosen ft Transfer inscription.

Request Address

/v1/market/ft/order/purchase/create

Request Method

POST

Path parameters

null

Query parameters

null

Body

parameter	required?	type	description
orderId	yes	string	FT sale order id
paidAddress	yes	string	address to pay BTC
receivedAddress	yes	string	address to receive FT

Response

parameter	type	description
orderId	string	FT sale order id
psbt	string	base64 format psbt
signIndex	Array<integer>	Specifies the signature location

Request Example

Response Example

6.1.9 Confirm Purchase Order

Confirm purchase order for chosen ft transfer inscription. You should sign in the psbt with SIGHASH_ALL.

Request Address

/v1/market/ft/order/purchase/confirm

Request Method

POST

Path parameters

null

Query parameters

null

Body

parameter	required?	type	description
orderId	yes	string	nft sale order id
psbt	yes	string	base64 format psbt, signed by seller

Response

null

Request Example

Response Example

6.1.10 Create Change Price Order

Create an order to change the price of chosen ft transfer inscription.

Request Address

/v1/market/ft/order/modify/create

Request Method

POST

Path parameters

null

Query parameters

null

Body

parameter	required?	type	description
orderId	yes	string	FT sale order id
newPrice	yes	string	new sale price
receivedAddress	yes	string	address to receive BTC

Response

parameter	type	description
orderId	string	FT sale order id
psbt	string	base64 format psbt
signIndex	Array<integer>	Specifies the signature location

Request Example

Response Example

6.1.11 Confirm Change Price Order

Confirm change price order for chosen ft transfer inscription. You should sign in the psbt with SIGHASH_SIGNAL | SIGHASH_ANYONECANPAY.

Request Address

> /v1/market/ft/order/modify/confirm

Request Method

POST

Path parameters

null

Query parameters

null

Body

parameter	required?	type	description
orderId	yes	string	NFT sale order id
psbt	yes	string	base64 format psbt, signed by seller

Response

null

Request Example

Response Example

6.1.12 Create Cancellation Order

Create a cancellation order to take down a sale order. Subsequently the seller needs to sign the rawTransaction. The rawTransaction will transfer the FT transfer inscription to your address.

Request Address

Request Method

POST

Path parameters

null

Query parameters

null

Body

parameter	required?	type	description
orderId	yes	string	FT sale order id

Response

parameter	type	description
orderId	string	FT sale order id
rawTransaction	string	base64 format unsigned transaction

Request Example

Response Example

6.1.13 Confirm Cancellation Order

Confirm a cancellation order to take down a sale order.

Request Address

/v1/market/ft/order/cancel/confirm

Request Method

POST

Path parameters

null

Query parameters

null

Body

parameter	required?	type	description
orderId	yes	string	FT sale order id
rawTransaction	yes	string	base64 format signed transaction

Response

null

Request Example

Response Example

6.2 NFT Market

6.2.1 Get NFT List

Get the list of FT information.

Request Address

/v1/market/nft/list

Request Method

GET

Path parameters

null

Query parameters

parameter	required?	type	description
start	no	integer	start offset(Default: 0)
end	no	integer	end offset(Default: 10)
order	no	string	Sorting rules (the default is volum_sec, sorting by total transaction value from high to low)

Optional order:

1. volum_sec: sorting by total transaction value from high to low

2. volum_dsec: sorting by total transaction value from low to high

3. listed_sec: sorting by number of orders from high to low

4. listed_dsec: sorting by number of orders from low to high

5. price_sec: sorting by floor price from high to low

6. price_dsec: sorting by floor price from low to high

Body

null

Response

parameter	type	description
ftInfos	Array<Object>	list of NFT info
total	integer	total number of NFT info

stuct of ftInfos

parameter	type	description
tick	string	NFT's ticker
max	integer	total supply
minted	integer	total minted amount
listed	integer	the number of NFT orders

/v1/market/nft/{tick}/order/list

Request Method

GET

Path parameters

parameter	type	description
tick	string	NFT ticker

Query parameters

parameter	required?	type	description
start	no	integer	start offset(Default: 0)
end	no	integer	end offset(Default: 10)
order	no	string	Sorting rules (the default is price_dsec, sorting by price of NFT from high to low)

Optional order:

1. price_sec: sorting by price of NFT from high to low
2. price_dsec: sorting by price of NFT from low to high
3. recent: sorting by order of listing time

Body

null

Response

parameter	type	description
orderInfos	Arrary<Object>	list of order info
total	integer	total number of order info

structure of orderInfos

parameter	type	description
tick	string	NFT ticker
orderId	string	NFT sale order id

inscriptionId	string	NFT mint inscription Unique ID
seller	string	seller address
price	integer	sale price

Request Example

Response Example

6.2.3 Get Address NFT Sale Orders

Get a list of on sale nft orders associated with an address.

Request Address

/v1/market/address/{address}/nft/{tick}/order/list

Request Method

GET

Path parameters

parameter	type	description
tick	string	NFT ticker
address	string	BTC address

Query parameters

parameter	required?	type	description
start	no	integer	start offset(Default: 0)
end	no	integer	end offset(Default: 10)
order	no	string	Sorting rules (the default is price_dsec, sorting by price of NFT from high to low)

Optional order:

1. price_sec: sorting by price of NFT from high to low

2. price_dsec: sorting by price of NFT from low to high

3. recent: sorting by order of listing time

Body

null

Response

parameter	type	description
orderInfos	Arrary<Object>	list of order info
total	integer	total number of order info

structure of orderInfos

parameter	type	description
tick	string	NFT ticker

/v1/market/nft/{tick}/transaction/list

Request Method

GET

Path parameters

parameter	type	description
tick	string	NFT ticker

Query parameters

parameter	required?	type	description
start	no	integer	start offset(Default: 0)
end	no	integer	end offset(Default: 10)

Body

null

Response

parameter	type	description
transactionInfos	Arrary<Object>	list of transaction info
total	integer	total number of transaction info

structure of orderInfos

parameter	type	description
tick	string	NFT ticker
from	integer	seller address
to	integer	buyer address
inscriptionId	string	NFT mint inscription Unique ID
price	integer	price
time	integer	transaction completion time

6.2.5 Get Address NFT transaction History List

Get a list of NFT transaction history.

Request Address

/v1/market/address/{address}/nft/{tick}/transaction/list

Request Method

GET

Path parameters

parameter	type	description
tick	string	NFT ticker
address	string	BTC address

Query parameters

parameter	required?	type	description
start	no	integer	start offset(Default: 0)
end	no	integer	end offset(Default: 10)

Body

null

Response

parameter	type	description
transactionInfos	Arrary<Object>	list of transaction info
total	integer	total number of transaction info

structure of orderInfos

parameter	type	description
tick	string	NFT ticker
from	integer	seller address

to	integer	buyer address
inscriptionId	string	NFT mint inscription Unique ID
price	integer	price
time	integer	transaction completion time
transactionId	string	transaction ID

Request Example

Response Example

6.2.6 Create Sale Order

Create sale order for chosen nft.

Request Address

Request Method

POST

Path parameters

null

Query parameters

null

Body

parameter	required?	type	description
inscriptionId	yes	string	NFT mint inscription unique id
price	yes	integer	sale price
receivedAddress	yes	string	address to receive BTC

Response

parameter	type	description
orderId	string	NFT sale order id
psbt	string	base64 format psbt
signIndex	Array<integer>	Specifies the signature location

Request Example

Response Example

6.2.7 Confirm Sale Order

Confirm sale order for chosen nft. You should sign in the psbt with SIGHASH_SIGNAL |

SIGHASH_ANYONECANPAY.

Request Address

/v1/market/nft/order/sell/confirm

Request Method

POST

Path parameters

null

Query parameters

null

Body

parameter	required?	type	description
orderId	yes	string	NFT sale order id
psbt	yes	string	base64 format psbt, signed by seller

Response

null

Request Example

Response Example

6.2.8 Create Purchase Order

Create purchase order for chosen nft.

Request Address

signIndex	Array<integer>	Specifies the signature location

Request Example

Response Example

6.2.9 Confirm Purchase Order

Confirm purchase order for chosen nft. You should sign in the psbt with SIGHASH_ALL.

Request Address

/v1/market/nft/order/purchase/confirm

Request Method

POST

Path parameters

null

Query parameters

null

Body

parameter	required?	type	description
orderId	yes	string	NFT sale order id
psbt	yes	string	base64 format psbt, signed by seller

Response

null

Request Example

Response Example

6.2.10 Create Change Price Order

Create an order to change the price of chosen nft.

Request Address

/v1/market/nft/order/modify/create

Request Method

POST

Path parameters

null

Query parameters

null

Body

parameter	required?	type	description
orderId	yes	string	NFT sale order id
newPrice	yes	integer	new sale price
receivedAddress	yes	string	address to receive BTC

Response

parameter	type	description
orderId	string	NFT sale order id
psbt	string	base64 format psbt
signIndex	Array<integer>	Specifies the signature location

Request Example

Response Example

6.2.11 Confirm Change Price Order

Confirm change price order for chosen nft. You should sign in the psbt with

SIGHASH_SIGNAL | SIGHASH_ANYONECANPAY.

Request Address

/v1/market/nft/order/modify/confirm

Request Method

POST

Path parameters

null

Query parameters

null

Body

parameter	required?	type	description
orderId	yes	string	NFT sale order id
psbt	yes	string	base64 format psbt, signed by seller

Response

null

Request Example

Response Example

6.1.12 Create Cancellation Order

Create a cancellation order to take down a sale order.

Request Address

/v1/market/nft/order/cancel/create

Request Method

POST

Path parameters

null

Query parameters

null

Body

parameter	required?	type	description
orderId	yes	string	NFT sale order id

Response

null

Request Example

Response Example