# #

NFT

NFT provides the ability to digitize assets. Through this module, each off-chain asset will be modeled as a unique on-chain nft.

# #

Available Commands

Name Description issue Specify the nft Denom (nft classification) and metadata JSON Schema to issue nft.transfer-denom The owner of the NFT classification can transfer the ownership of the NFT classification to others. mint Additional issuance (create) of specific nft of this type can be made. edit The metadata of the specified nft can be updated.transfer Transfer designated nft. burn Destroy the created nft.supply Query the total amount of nft according to Denom; accept the optional owner parameter. owner Query all nft owned by an account; you can specify the Denom parameter.collection Query all nft according to Denom. denom Query nft denom information based on Denom.denoms Query the total amount of nft according to Denom; accept the optional owner parameter. token Query specific nft based on Denom and ID.

# #

iris tx nft issue

Specify the nft Denom (nft classification) and metadata JSON Schema to issue nft.

iris tx nft issue[denom-id] [flags] Flags:

Name, shorthand Required Default Description --name

The name of the denom --uri

The uri of the denom --data

Off-chain metadata for supplementation (JSON object) --schema

Denom data structure definition --symbol

The symbol of the denom --mint-restricted

This field indicates whether there are restrictions on the issuance of NFTs under this classification, true means that only Denom owners can issue NFTs under this classification, false means anyone can --update-restricted

This field indicates whether there are restrictions on updating NFTs under this classification, true means that no one under this classification can update the NFT, false means that only the owner of this NFT can update

# #

iris tx nft transfer-denom

The owner of the NFT classification can transfer the ownership of the NFT classification to others.

iris tx nft transfer-denom[recipient] [denom-id]

# #

iris tx nft mint

Additional issuance (create) of specific nft of this type can be made.

iris tx nft mint[denomID] [tokenID] [flags] Flags:

Name, shorthand Required Default Description --uri

URI of off-chain token data --recipient

Receiver of the nft --name

The name of nft

# #

iris tx nft edit

The metadata of the specified nft can be updated.

iris tx nft edit[denomID] [tokenID] [flags] Flags:

Name, shorthand Required Default Description --uri

URI of off-chain token data --name

The name of nft

# #

iris tx nft transfer

Transfer designated nft.

iris tx nft transfer[recipient] [denomID] [tokenID] [flags] Flags:

Name, shorthand Required Default Description --uri

URI of off-chain token data --name

The name of nft

# #

iris tx nft burn

Destroy the created nft.

iris tx nft burn[denomID] [tokenID] [flags]

# #

iris query nft

Query nft

# #

iris query nft supply

iris query nft supply[denomID] iris query nft supply[denomID] --owner = < owner address>

# #

iris query nft owner

iris query nft owner[owner address] iris query nft owner[owner address] --denom = < denomID>

# #

iris query nft collection

iris query nft collection[denomID]

# #

iris query nft denom

iris query nft denom[denomID]

# #

iris query nft denoms

iris query nft denoms

[#](#)

iris query nft token

iris query nft token[denomID] [tokenID]