Interface: INFT

+ ownerOf(uint256 tid): address
+ allowance(uint256 tid): address
+ transfer(address to, uint256 tid)
+ transferFrom(address from, address to, uint256 tid)
+ approve(address operator, uint256 tid)

Interface: INFTEnumerable

+ totalSupply(): uint256[]
+ balanceOf(address owner): uint256[]

Interface: IFT

+ allowance(address owner, address operator): uint256
+ transfer(address to, uint256 value)
+ transferFrom(address from, address to, uint256 value)
+ approve(address operator, uint256 value)

Interface: IFTEnumerable

+ totalSupply(): uint256
+ balanceOf(address owner): uint256

Interface: ISFT

+ allowance(address owner, address operator, uint256 cid): uint256
+ transfer(address to, uint256 cid, uint256 value)
+ transferFrom(address from, address to, uint256 cid, uint256 value)
+ approve(address operator, uint256 cid, uint256 value)

Interface: ISFTEnumerable

+ totalSupply(): uint256[], uint256[]
+ balanceOf(address owner): uint256[], uint256[]

Contract: NonFungibleToken (NFT)

- _tokenToOwner: uint256 => address
- _approvals: uint256 => address
- _totalSupplyByAmount: uint256
- _balancesByAmount: address => uint256
- _totalSupply: uint256[]

+ totalSupply(): uint256[]
+ balanceOf(address owner): uint256[]
+ ownerOf(uint256 tid): address
+ allowance(uint256 tid): address
+ transfer(address to, uint256 tid)
+ transferFrom(address from, address to, uint256 tid)
+ approve(address operator, uint256 tid)
- totalSupplyByAmount(): uint256
- balanceOfByAmount(address owner): uint256
- _transferFrom(address from, address to, uint256 value)
- _approve(address owner, address operator, uint256 value)
- _clearApproval(uint256 tid)

Contract: FungibleToken (FT)

- _balances: address => uint256
- _allowed: address => address => uint256
- _totalSupply: uint256

+ totalSupply(): uint256
+ balanceOf(address owner): uint256
+ allowance(address owner, address operator): uint256
+ transfer(address to, uint256 value)
+ transferFrom(address from, address to, uint256 value)
+ approve(address operator, uint256 value)
- _transferFrom(address from, address to, uint256 value)
- _approve(address owner, address operator, uint256 value)

Contract: SemiFungibleToken (SFT)

- _totalClass: uint256[]
- _totalSupplyByClass: uint256 => uint256
- _ownedClassNum: address => uint256
- _balancesByClass: address => uint256 => uint256
- _approvals: address => address => uint256 => uint256

+ totalSupply(): uint256[], uint256[]
+ balanceOf(address owner): uint256[], uint256[]
+ allowance(address owner, address operator, uint256 cid): uint256
+ transfer(address to, uint256 cid, uint256 value)
+ transferFrom(address from, address to, uint256 cid, uint256 value)
+ approve(address operator, uint256 cid, uint256 value)
- totalSupplyByClass(uint cid): uint256
- totalClass(): uint256[]
- balanceOfByClass(address owner, uint256 cid): uint256
- _ownedClass(address owner): uint256[]
- classExist(uint256 cid): bool
- _ownedClassExist(address owner, uint256 cid): bool

Contract: MyNonFungibleToken

+ name: string
+ symbol: string
+ tokenURIs: uint256 => string

+ mint(address miner, uint256 tid)
- _mint(address miner, uint256 tid)

Contract: MyFungibleToken

+ name: string
+ symbol: string
+ decimals: string
- INITIAL_SUPPLY: uint256

+ mint(address miner, uint256 value)
- _mint(address miner, uint256 value)

Contract: MySemiFungibleToken

+ name: string
+ symbol: string
+ tokenURIs: uint256 => string

+ mint(address miner, uint256 cid, uint256 value)
- _mint(address miner, uint256 cid, uint256 value)