

ChainSafe Gaming SDK

ERC721

A standard interface for non-fungible tokens

Balance Of

Counts all NFTs assigned to an owner

```
1 string chain = "ethereum";
2 string network = "mainnet";
3 string contract = "0x60f80121c31a0d46b5279700f9df786054aa5ee5";
4 string account = "0x6b2be2106a7e883f282e2ea8e203f516ec5b77f7";
5
6 int balance = await ERC721.BalanceOf(chain, network, contract, account);
7 print(balance);
```

Owner Of

Find the owner of a NFT

```
1 string chain = "moonbeam";
2 string network = "testnet";
3 string contract = "0xcB0cbcE06860f6C30C62560f5eFBF918150e056E";
4 string tokenId = "1";
5
6 string ownerOf = await ERC721.OwnerOf(chain, network, contract, tokenId);
7 print(ownerOf);
```

Owner Of Batch

```
1 string chain = "ethereum";
2 string network = "mainnet";
3 string contract = "0xA74E199990FF572A320508547Ab7f44EA51e6F28";
4 string[] tokenIds = {"700", "791"};
5
6 List<string> batchOwners = await ERC721.OwnerOfBatch(chain, network, contract, tokenIds);
7 foreach (string owner in batchOwners)
8 {
9     print ("OwnerOfBatch: " + owner);
10 }
```

URI

```
1 string chain = "polygon";
2 string network = "mainnet";
3 string contract = "0xbCCaa7ACb552A2c7eb27C7eb77c2CC99580735b9";
4 string tokenId = "965";
5
6 string uri = await ERC721.URI(chain, network, contract, tokenId);
7 print(uri)
```

All 721s

Get all 721 tokens from an account

```
1 string chain = "ethereum";
2 string network = "rinkeby"; // mainnet ropsten kovan rinkeby goerli
3 string account = "0xebc0e6232fb9d494060acf580105108444f7c696";
4 string contract = "";
5 int first = 500;
6 int skip = 0;
7 string response = await EVM.AllErc721(chain, network, account, contract, first, skip);
8 print(response);
```