ChainSafe Gaming SDK

ERC1155

A standard interface for contracts that manage multiple token types. A single deployed contract may include any combination of fungible tokens, non-fungible tokens or other configurations

Balance Of

```
1  string chain = "avalanche";
2  string network = "testnet";
3  string contract = "0xbDF2d708c6E4705824dC024187cd219da41C8c81";
4  string account = "0xdD4c825203f97984e7867F11eeCc813A036089D1";
5  string tokenId = "2";
6
7  BigInteger balanceOf = await ERC1155.BalanceOf(chain, network, contract, account, tokenId)
8  print(balanceOf);
```

Balance Of Batch

Balance of batch will get the balance of a list of accounts and token ids. For example:

Get the balance of account `0xaCA9B6D9B1636D99156bB12825c75De1E5a58870` with token id `17` and

balance of account `0xaCA9B6D9B1636D99156bB12825c75De1E5a58870` with token id `22`

```
1  string chain = "ethereum";
2  string network = "rinkeby";
3  string contract = "0x2ebecabbbe8a8c629b99ab23ed154d74cd5d4342";
4  string[] accounts = { "0xaCA9B6D9B1636D99156bB12825c75De1E5a58870", "0xaCA9B6D9B1636D99156b
5  string[] tokenIds = { "17", "22" };
6
7  List<BigInteger> batchBalances = await ERC1155.BalanceOfBatch(chain, network, contract, ac
8  foreach (var balance in batchBalances)
9  {
10     print ("BalanceOfBatch: " + balance);
11 }
```

URI

Returns meta data about the token.

```
1  string chain = "binance";
2  string network = "mainnet";
```

```
3 string contract = "0x3E31F70912c00AEa971A8b2045bd568D738C31Dc";
4 string tokenId = "770";
5
6 string uri = await ERC1155.URI(chain, network, contract, tokenId);
7 print(uri);
```

All 1155s

Get all 1155 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.AllErc1155(chain, network, account, contract, first, skip);
8 print(response);#
```