

Transaction Broadcasting and Monitoring Client

The Transaction Broadcasting and Monitoring Client module allows you to broadcast a transaction to a server and subsequently monitor its status. It consists of two main functions: `broadcastTransaction` and `checkTransactionStatus`.

Function 1: `broadcastTransaction`

1.1 Parameters

Field	Type	Description
symbol	string	The transaction symbol, e.g., "ETH".
price	number	The price of the symbol, e.g., 4500.

1.2 Returns - An object containing the transaction hash.

Field	Type	Description
symbol	string	The transaction symbol, e.g., "ETH".

1.3 Example usage

```
import {broadcastTransaction, checkTransactionStatus} from
'./src/transaction-client-module.js'

const main = async () => {
  const response = await broadcastTransaction("ETH", 4500)
  console.log(response)
}

main()
```

The output in console after execute the main will look like

```
{
  tx_hash: '4d8701179015241fa83b8e8b11a8085de3af7c3d182935cd51d078d9f5c0fd5a'
}
```

Function 2: checkTransactionStatus

2.1 Parameters

Field	Type	Description
tx_hash	string	The transaction hash to check

2.2 Returns - An object containing the transaction status.

Field	Type	Description
tx_status	string	Plaintext indicating the transaction status, which can be one of the following - `CONFIRMED`: Transaction has been processed and confirmed - `FAILED`: Transaction failed to process - `PENDING`: Transaction is awaiting processing - `DNE`: Transaction does not exist

2.3 Example usage

```
import {broadcastTransaction, checkTransactionStatus} from
'./src/transaction-client-module.js'

const main = async () => {
  const response = await checkTransactionStatus(tx_hash)
  console.log(response)
}

main()
```

The output in console after execute the main will look like

```
{
  tx_status: 'PENDING'
}
```