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blockexplorer

1.0.1 • Public • Published 6 years ago

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blockexplorer

npm package 1.0.1   build unknown   coverage 96%   code style standard

Unofficial Node.js client for blockexplorer.com API

Install

```
npm i blockexplorer --save
```

Example

```
// require the module
const be = require('blockexplorer')

// get the genesis block hash
```

```
be.blockIndex(0)
  .then((result) => {
    console.log(result)
  })
  .catch((err) => {
    throw err
  })
```

Test

```
npm test
```

API

blockexplorer.block(hash)

Get block info by `hash`

- Returns `Promise`

blockexplorer.rawBlock(hash)

Get raw block info by `hash`

- Returns `Promise`

blockexplorer.blockIndex(height)

Get block hash by `height`

- Returns `Promise`

blockexplorer.tx(txid)

Get transaction by `txid`

- Returns `Promise`

blockexplorer.rawTx(txid)

Get raw transaction by `txid`

- Returns `Promise`

blockexplorer.addrValidate(address)

Validate address

- Returns `Promise`

blockexplorer.addr(address, [options])

Get address info

```
// Default options
{
  noTxList: false,
  noCache: false
}
```

- Pass an `Array` as first parameter to get info on multiple addresses
- Returns `Promise`

blockexplorer.balance(address)

Get address balance

- Returns a `Promise`

blockexplorer.totalReceived(address)

Get address received funds

- Returns a `Promise`

blockexplorer.totalSent(address)

Get address sent funds

- Returns a `Promise`

blockexplorer.unconfirmedBalance(address)

Get address unconfirmed balance

- Returns a `Promise`

blockexplorer.utxo(address, [options])

Get address unspent outputs

```
// Default options
{
```

```
    noCache: false
  }
```

- Pass an `Array` as first parameter to get info on multiple addresses
- Returns a `Promise`

blockexplorer.txsBlock(hash)

Get transactions by `hash`

- Returns a `Promise`

blockexplorer.txsAddress(address, [options])

Get transactions by `address`

```
  // Default options
  {
    from: '',
    to: ''
  }
```

- Pass an `Array` as first parameter to get info on multiple addresses
- Returns a `Promise`

blockexplorer.txSend(rawtx)

Broadcast signed trasaction in hex format `rawtx`

- Returns a `Promise`

blockexplorer.getInfo()

Get blockchain info

- Returns a `Promise`

blockexplorer.getBlockCount()

Get block count

- Returns a `Promise`

blockexplorer.getDifficulty()

Get difficulty

- Returns a `Promise`

blockexplorer.getBestBlockHash()

Get best block hash

- Returns a `Promise`

blockexplorer.getLastBlockHash()

Get last block hash

- Returns a `Promise`

blockexplorer.sync()

Get historic blockchain data sync status

- Returns a `Promise`

blockexplorer.peer()

Get live network p2p data sync status

- Returns a `Promise`

blockexplorer.estimateFee([nbBlocks = 2])

Get fee estimate

- Returns a `Promise`

For additional information see blockexplorer.com API reference

Contributing

Just send a PR

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Keywords

blockexplorer **blockchain** **bitcoin**

Install

```
> npm i blockexplorer
```

Repository

◈ github.com/barto-/blockexplorer

Homepage

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Version

1.0.1

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