TRON

This is public apis of Tron NodeJs interface that interacts with Tron Blockchian Network.

GET Create New Tron Account Address

```
{{url}}/api/v1/wallet/createAddress
```

This api creates a new tron address and returns private key, public key, address base58 and address hex.

Example Request   Create New Tron Account Address

```
curl --location --request GET "{{url}}/api/v1/wallet/createAddress"
```

Example Response   200 OK

```
{
  "privateKey": "BC6D8616CF95985A2BBDC914D8769E3580CCBEEB178BF3B45B72AD76CE6B298B",
  "publicKey": "04ED18A5B47461A96DCB33DEA688B0D545A25706840C6EB6F07082E18042E0AE6C6D33E2883E81C
4E7622FEE99ECFD31A0609F633D1B6D88C3FFF936AEEE1D2AD1",
  "address": {
    "base58": "TBWCNJ8ztLrHURExuMAS8sS1b7vdHSnsYk",
    "hex": "4110D47DD2B74BA3E7C97CFE8B276C5D80F4FB4DB9"
  }
}
```

POST Make Transaction

```
{{url}}/api/v1/wallet/transaction/TLZdkGdKet4rMz4MShwJ8MzJSDuGvjFhYA
```

Used to transfer tron coin to another address.

Api Url : /api/v1/wallet/transaction/{sender-address-base58}

Api Url Params : {sender-address-base58} should be replaced by sender address base58 format

Body Params:

- privateKey : Sender private key
- token : TRX --> this is fixed string needs to be sent

- toAddress : This is receiver account address hex format
- amount : How much amount need to transfer in integer format. This amount alwayas need to multiply with 10^6. If you to send 1.021 TRX amount them multiply with 10^6 to make the amount integer.

Headers

Content-Type	application/json

Body raw (application/json)

```
{
        "privateKey": "863d58fb5ad5e9eecd885501b42772ede171c20a21f5358655a5772609e7662
  d",
        "token": "TRX",
        "toAddress": "41CF856D7E4B9B5F5701706B6085B8B0F97FA1153A",
        "amount":10
}
```

Example Request   Make Transaction

```
curl --location --request POST "{{url}}/api/v1/wallet/transaction/TLZdkGdKet4rMz4MShwJ8MzJSDuGv
jFhYA" \
  --header "Content-Type: application/json" \
  --data "{
        \"privateKey\": \"863d58fb5ad5e9eecd885501b42772ede171c20a21f5358655a5772609e7662d\",
        \"token\": \"TRX\",
        \"toAddress\": \"41CF856D7E4B9B5F5701706B6085B8B0F97FA1153A\",
        \"amount\":10
}"
```

GET Get Balance

{{url}}/api/v1/wallet/getBalance/TFFAxqnRmouM6HEmFNHhWexrF1tnUE6JRr

To get the balance of any address.

Api Url : {{url}}/api/v1/wallet/getBalance/{address-base58-version}

Params : {address-base58-version} --> need to replace with address-base58-version

Example Request   Get Balance

```
curl --location --request GET "{{url}}/api/v1/wallet/getBalance/TFFAxqnRmouM6HEmFNHhWexrF1tnUE6
JRr"
```

GET Get Market Price TRX

```
{{url}}/api/v1/wallet/getMarketPrice
```

Example Request   Get Market Price TRX

```
curl --location --request GET "{{url}}/api/v1/wallet/getMarketPrice"
```