API commands

All functionality is easily accessible by doing API commands. Here are a few examples:

Converting (DeFi)

Estimate conversion price

The `estimateconversion` API estimates what you might receive for a certain conversion.

Example:

```json
./verus -chain=VRSCTEST estimateconversion '{
    "currency":"vrsctest",
    "convertto":"veth",
    "via":"bridge.veth",
    "amount":1000
}'
```

Example:

```json
./verus -chain=VRSCTEST estimateconversion '{
    "currency":"vrsctest",
    "convertto":"bridge.veth",
    "amount":500
}'
```

Get currency converters

The `getcurrencyconverters` API retrieves all currencies that have at least 1000 VRSC in reserve, are greater than 10% VRSC reserve ratio, and have all listed currencies as reserves.

Example `btc` and `eth` :

```json
./verus -chain=VRSCTEST getcurrencyconverters btc eth
```

Converting VRSCTEST to basket currency

Converting VRSCTEST to a basket currency, VRSC-BTC, using IDs as a funding source:

```json
./verus -chain=VRSCTEST sendcurrency "*i" '[{
    "address":"bob@",
    "amount":10,
```

```json
    "convertto":"VRSC-BTC"
}]'
```

Converting VRSCTEST to BTC via basket currency

Converting VRSCTEST to another reserve, BTC through a basket currency, VRSC-BTC:

```json
./verus -chain=VRSCTEST sendcurrency "*" '[{
    "address":"bob@",
    "amount":10,
    "convertto":"BTC",
    "via":"VRSC-BTC"
}]'
```

Preconverting

Preconverting to new currency, NEWCOIN, before it is active:

```json
./verus -chain=VRSCTEST sendcurrency "*" '[{
    "address":"alice@",
    "amount":10,
    "convertto":"NEWCOIN",
    "preconvert":true,
    "refundto":"alice@"
}]'
```

Converting VRSCTEST cross-chain to PBaaS-chain

```json
./verus -chain=VRSCTEST sendcurrency "*" '[{
    "address":"RXLYm4J6qi7yam9zXtkEkRwbvCrnWKGZuv",
    "amount":10,
    "convertto":"PBaaSChain",
    "exportto":"Bridge.PBaaSChain",
    "via":"Bridge.PBaaSChain"
}]'
```

Converting PBaaS-chain to VRSCTEST

```json
./verus -chain=PBaaSChain sendcurrency "*" '[{
    "address":"RXLYm4J6qi7yam9zXtkEkRwbvCrnWKGZuv",
    "amount":10,
    "convertto":"VRSCTEST",
    "exportto":"VRSCTEST",
    "via":"Bridge.PBaaSChain"
}]'
```

Sending

Sending VRSCTEST from a single address (bob@) to a single recipient (alice@):

```json
./verus -chain=VRSCTEST sendcurrency "bob@" '[{
    "currency":"vrsctest",
    "address":"alice@",
    "amount":10
}]'
```

Sending VRSCTEST from all private wallet funds to two recipients with friendly-name z-addresses (alice@:private and bob@:private):

```json
./verus -chain=VRSCTEST sendcurrency "*Z" '[{
    "currency":"vrsctest",
    "address":"alice@:private",
    "amount":10
},
{

    "currency":"VRSCTEST",
    "address":"bob@:private",
    "amount":10
}]'
```

Sending VRSCTEST cross-chain to PBaaSChain:

```json
./verus -chain=VRSCTEST sendcurrency "*" '[{
    "address":"RXLYm4J6qi7yam9zXtkEkRwbvCrnWKGZuv",
    "amount":10,
    "exportto":"Bridge.PBaaSChain"
}]'
```

← **Introduction**