

1

```
gcoin-cli gettxoutaddress 14PsZoCqrr2AFNmeHuAA2S6oJqSzahnTLm
[
  {
    "txid" : "14d7eca83815cadc754fffd1108ccfa2774ae1d54db0534a9aae8166f6dc278b",
    "vout" : 0,
    "color" : 1,
    "value" : 10.00000000,
    "scriptPubKey" : "76a914253bbd09c348f9f97f688d28240b22cd6b13c73c88ac"
  }
]
```

2

```
gcoin-cli gettxoutaddress 1HZCcHZJh7AX8APsfEPrc3eFer7SVR2fRv
```

3

GET

```
http://127.0.0.1:57790/base/v1/transaction/prepare?from_address= 14PsZoCqrr2AFNmeHuAA2S6oJqSzahnTLm&to_address= 1HZCcHZJh7AX8APsfEPrc3eFer7SVR2fRv&color_id=1&amount=5&op_return_data=gcoin
```

Response

```
{
  "raw_tx": "01000000018b27dcf66681ae9a4a53b04dd5e14a77a2cf8c10d1ff4f75dcca1538a8ecd71400000001976a914253bbd09c348f9f97f688d28240b22cd6b13c73c88acffffffff030065cd1d00000001976a914b59903748b050cedfdc58dc5740570104e5be5de88ac010000000084d71700000001976a914253bbd09c348f9f97f688d28240b22cd6b13c73c88ac01000000000000000000000076a0567636f696e000000000000000005000000"
}
```

4

```
gcoin-cli signrawtransaction 0100000018b27dcf66681ae9a4a53b04dd5e14a77a2cf8c10d1f
f4f75dcca1538a8ecd71400000001976a914253bbd09c348f9f97f688d28240b22cd6b13c73c88acf
ffffff030065cd1d000000001976a914b59903748b050cedfdc58dc5740570104e5be5de88ac01000
0000084d71700000001976a914253bbd09c348f9f97f688d28240b22cd6b13c73c88ac01000000000
0000000000000076a0567636f696e00000000000000000005000000
```

cli output

```
{
  "hex" : "0100000018b27dcf66681ae9a4a53b04dd5e14a77a2cf8c10d1ff4f75dcca1538a8e
cd714000000006b483045022100faa5b778fd1a5e745f138d76b81338ad66c6081541a60dccb72ae82
d710bf708022023a52e1c47cc8279ab390c743397dab968c2508fcc2afd8bba5288de6519debf01210
2eb0df198edf71c1bf8ef5a544971f22f440c098450294a5a65f030c8f41ec3c0fffffffff030065cd1
d000000001976a914b59903748b050cedfdc58dc5740570104e5be5de88ac010000000084d71700000
001976a914253bbd09c348f9f97f688d28240b22cd6b13c73c88ac0100000000000000000000000076
a0567636f696e000000000000000005000000",
  "complete" : true
}
```

5

```
gcoin-cli sendrawtransaction 0100000018b27dcf66681ae9a4a53b04dd5e14a77a2cf8c10d1f
f4f75dcca1538a8ecd71400000006b483045022100faa5b778fd1a5e745f138d76b81338ad66c6081
541a60dccb72ae82d710bf708022023a52e1c47cc8279ab390c743397dab968c2508fcc2afd8bba528
8de6519debf012102eb0df198edf71c1bf8ef5a544971f22f440c098450294a5a65f030c8f41ec3c0f
ffffff030065cd1d000000001976a914b59903748b050cedfdc58dc5740570104e5be5de88ac01000
0000084d71700000001976a914253bbd09c348f9f97f688d28240b22cd6b13c73c88ac01000000000
0000000000000076a0567636f696e00000000000000000005000000
```

Response

```
e2884cb7795043afbd2801965be530045eb934d04c5a6c54df07b302ba726e33
```

6

```
gcoin-cli gettxoutaddress 14PsZoCqrr2AFNmeHuAA2S6oJqSzahnTLm
[
  {
    "txid" : "e2884cb7795043afbd2801965be530045eb934d04c5a6c54df07b302ba726e33",
    "vout" : 1,
    "color" : 1,
    "value" : 4.00000000,
    "scriptPubKey" : "76a914253bbd09c348f9f97f688d28240b22cd6b13c73c88ac"
  }
]
```

```
gcoin-cli gettxoutaddress 1HZCchZJh7AX8APsfEPrc3eFer7SVR2fRv
[
  {
    "txid" : "e2884cb7795043afbd2801965be530045eb934d04c5a6c54df07b302ba726e33",
    "vout" : 0,
    "color" : 1,
    "value" : 5.00000000,
    "scriptPubKey" : "76a914b59903748b050cedfdc58dc5740570104e5be5de88ac"
  }
]
```

7

GET

```
http://127.0.0.1:57790/explorer/v1/addresses/14PsZoCqrr2AFNmeHuAA2S6oJqSzahnTLm/utxos
```

Response

此筆utxo為轉帳前的情況
此時不應該出現

```
{
  "utxo": [
    {
      "tx": "14d7eca83815cadc754fffd1108ccfa2774ae1d54db0534a9aae8166f6dc278b",
      "n": "0",
      "color": "1",
      "value": "1000000000"
    },
    {
      "tx": "e2884cb7795043afbd2801965be530045eb934d04c5a6c54df07b302ba726e33",
      "n": "1",
      "color": "1",
      "value": "400000000"
    }
  ]
}
```

GET

```
http://127.0.0.1:57790/explorer/v1/addresses/1HZCchZJh7AX8APsfEPrc3eFer7SVR2fRv/utxos
```

Response

```
{
  "utxo": [
    {
      "tx": "e2884cb7795043afbd2801965be530045eb934d04c5a6c54df07b302ba726e33",
      "n": "0",
      "color": "1",
      "value": "500000000"
    }
  ]
}
```