

Unhosted.exchange

AutoBridging – For some (not all) of the order books required for the pair, the **calculation is incorrect**

Time: 4/11/2024 13:20

Testpair:

[https://unhosted.exchange/xrpl?base=03930D02208264E2E40EC1B0C09E4DB96EE197B1\\_rHUpaqUPbwzKZdzQ8ZQCme18FrgW9pB4am&quote=USD\\_rvYAfWj5gh67oV6fW32ZzP3Aw4Eubs59B](https://unhosted.exchange/xrpl?base=03930D02208264E2E40EC1B0C09E4DB96EE197B1_rHUpaqUPbwzKZdzQ8ZQCme18FrgW9pB4am&quote=USD_rvYAfWj5gh67oV6fW32ZzP3Aw4Eubs59B)

Gatehub calculates correct but misses an order (See below - Order 2 second row):

<https://gatehub.net/markets/03930D02208264E2E40EC1B0C09E4DB96EE197B1+rHUpaqUPbwzKZdzQ8ZQCme18FrgW9pB4am/USD+rvYAfWj5gh67oV6fW32ZzP3Aw4Eubs59B>

(Hopefully 😊)Correct values to be found here:

<https://dexfi.pro/trade?cp=03930D02208264E2E40EC1B0C09E4DB96EE197B1%20rHUpaqUPbwzKZdzQ8ZQCme18FrgW9pB4am%2FUUSD%20rvYAfWj5gh67oV6fW32ZzP3Aw4Eubs59B>

This is a special case because 1 token is an LP token, but the problem is the same for normal tokens.



The offer in the first row is **correct – 34 USD**.

The offer in the second row are actually 2 offers with the same quality - See offers below. Quantity is **not 109k USD but ~6.72 USD**.

**Order 1 first row = {**

```
"Account": "rhSTwqSK13zdRmzHMZZP8i7DnuG27pwX76",
"BookDirectory":
"FC8DF1F2104AA0E3D3A06FADA5238BC1BE95B58B1355DE4C59042DFE67801E1E",
"BookNode": "0",
"Flags": 131072,
"LedgerEntryType": "Offer",
"OwnerNode": "12",
"PreviousTxnID":
"74FB98A6D2A447D75955D31A12AA57C71768562CAB512A09816D2645FFEC3519",
"PreviousTxnLgrSeq": 86827351,
"Sequence": 2405,
"MakerGets": {
  "currency": "USD",
  "issuer": "rvYAfWj5gh67oV6fW32ZzP3Aw4Eubs59B",
  "value": "34"
},
"MakerPays": {
  "currency": "03930D02208264E2E40EC1B0C09E4DB96EE197B1",
  "issuer": "rHUPaqUPbwzKZdzQ8ZQCme18FrgW9pB4am",
  "value": "400000"
},
"index": "E8E3E4175A4254F87ACE08C9EDF6DCE66290DFA6A9B86F30884EA473FDF54A19",
"owner_funds": "215.2339424995434",
"quality": "11764.70588235294"
}
```

```
Order 1 second row = {
  "Account": "rHzWtXTBrArrGoLDixQAgcSD2dBisM19fF",
  "BookDirectory":
"7E6F699B44860E8A7E056F268D88848472384C46851D38FC53038D7EA4C68000",
  "BookNode": "0",
  "Flags": 131072,
  "LedgerEntryType": "Offer",
  "OwnerNode": "0",
  "PreviousTxnID":
"4A4659FCFD4E73BA9BFEB7E7766EA2861457E3861D098988C3F958425A232B26",
  "PreviousTxnLgrSeq": 86810756,
  "Sequence": 7362,
  "TakerGets": "980000",
  "TakerPays": {
    "currency": "03930D02208264E2E40EC1B0C09E4DB96EE197B1",
    "issuer": "rHUPaqUPbwzKZdzQ8ZQCme18FrgW9pB4am",
    "value": "9800"
  },
  "index": "3368FF65541381AEECE03E378B18981ED898D83406F173DA0C90FE81724DEE50",
  "owner_funds": "7691321559",
  "quality": "0.01"
}
```

```
Order 2 second row= {
  "Account": "rw74GhMdMmMZdMRBq2ED4iJrbipT3rJ22b",
  "BookDirectory":
"7E6F699B44860E8A7E056F268D88848472384C46851D38FC53038D7EA4C68000",
  "BookNode": "0",
  "Flags": 131072,
  "LedgerEntryType": "Offer",
  "OwnerNode": "1",
  "PreviousTxnID":
"59A2951830D5F90A3828DDC70154C700E93185592F2B0B1B629BB3952D99B8AD",
  "PreviousTxnLgrSeq": 86813435,
  "Sequence": 68904578,
  "TakerGets": "10000000",
  "TakerPays": {
    "currency": "03930D02208264E2E40EC1B0C09E4DB96EE197B1",
    "issuer": "rHUPaqUPbwzKZdzQ8ZQCme18FrgW9pB4am",
    "value": "100000"
  },
  "index": "A4A676DC67807E57D068DCEC1241C9C466B09641457DBF39E0159226DACC056D",
  "owner_funds": "122997323",
  "quality": "0.01"
}
```