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V4 dYdX CLI Python Script

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Version: 1.1

Update History

Version 1.1: Document all commands. New commands: getorderid, buyquantitylimit, sellquantitylimit, cancelorder

Version 1: Initial Aug 24, 2023. Commands supported: balance, positions, buyquantity, sellquantity, buyusdc, sellusdc, and getorder

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Command syntax

- Run the script like this:
 - Syntax

```
python3 v4dydxccli.py <apikeyfile> <command> <parameters>
```

where:

<apikeyfile> is the apikeyfile, and

<command> is the command, and

<parameters> are any parameters required by the command

Command: balance

This command gets the balance of all of your subaccounts or a specific subaccount.

- Parameters: None required. May optionally specify a single subaccount to only display the balance for that subaccount.

- Syntax

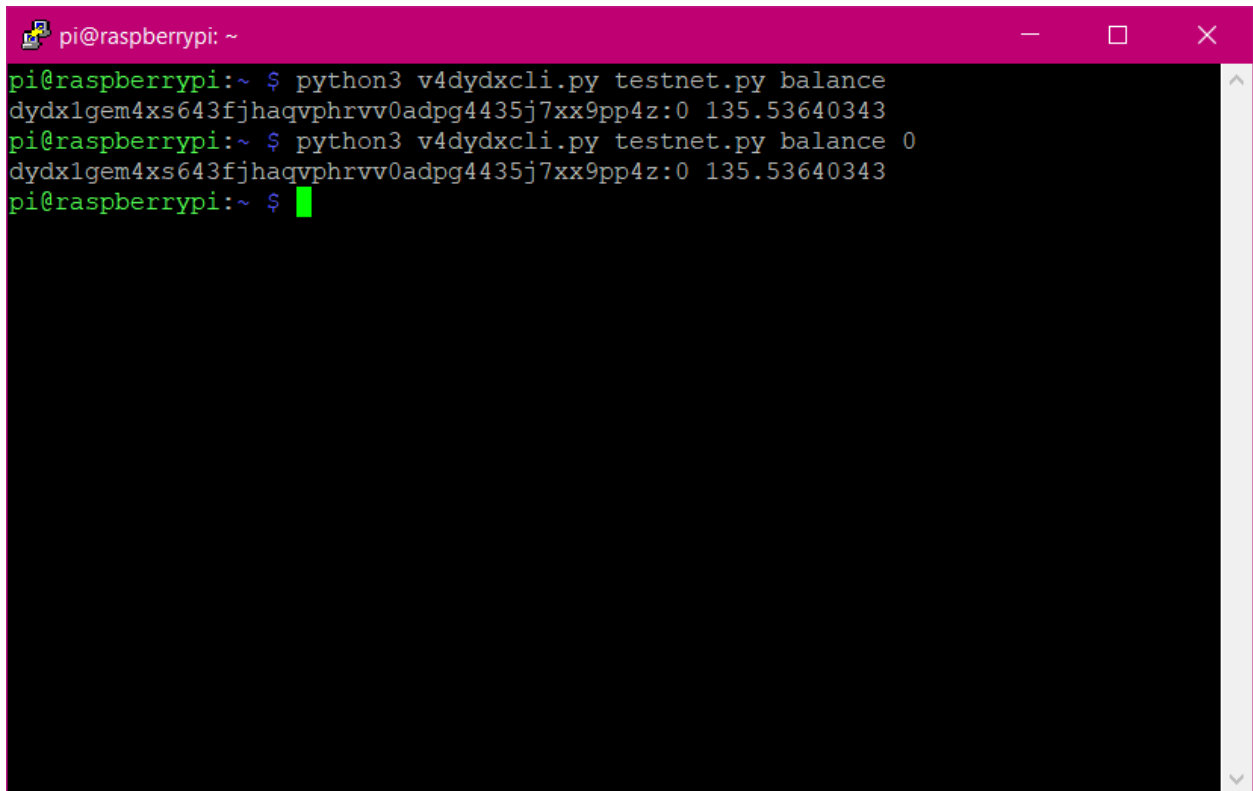
```
python3 v4dydxcli.py <apikeyfile> balance <optional: subaccount>
```

- Examples

```
python3 v4dydxcli.py testnet.py balance
```

```
python3 v4dydxcli.py testnet.py balance 0
```

- Screenshot



```
pi@raspberrypi: ~  
pi@raspberrypi:~ $ python3 v4dydxcli.py testnet.py balance  
dydx1gem4xs643fjhaqvphrvv0adpg4435j7xx9pp4z:0 135.53640343  
pi@raspberrypi:~ $ python3 v4dydxcli.py testnet.py balance 0  
dydx1gem4xs643fjhaqvphrvv0adpg4435j7xx9pp4z:0 135.53640343  
pi@raspberrypi:~ $
```

Command: buyquantity

This command buys a specific amount of crypto using MARKET order.

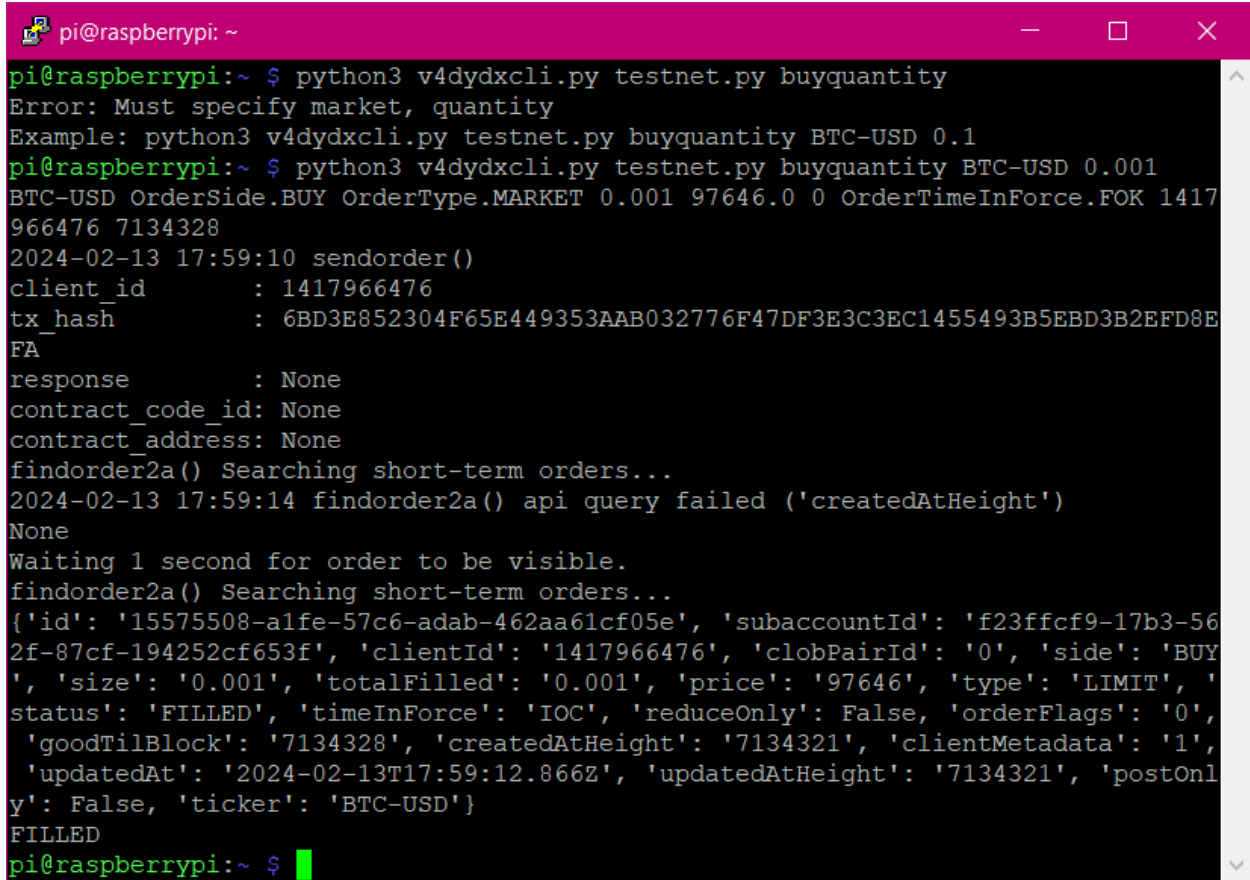
- Parameters: Must specify the market and amount.
- Syntax

```
python3 v4dydxcli.py <apikeyfile> buyquantity <market> <quantity>
```

- Example

```
python3 v4dydxcli.py testnet.py buyquantity BTC-USD 0.001
```

- Screenshot



```
pi@raspberrypi: ~  
pi@raspberrypi:~ $ python3 v4dydxcli.py testnet.py buyquantity  
Error: Must specify market, quantity  
Example: python3 v4dydxcli.py testnet.py buyquantity BTC-USD 0.1  
pi@raspberrypi:~ $ python3 v4dydxcli.py testnet.py buyquantity BTC-USD 0.001  
BTC-USD OrderSide.BUY OrderType.MARKET 0.001 97646.0 0 OrderTimeInForce.FOK 1417  
966476 7134328  
2024-02-13 17:59:10 sendorder()  
client_id      : 1417966476  
tx_hash       : 6BD3E852304F65E449353AAB032776F47DF3E3C3EC1455493B5EBD3B2EFD8E  
FA  
response      : None  
contract_code_id: None  
contract_address: None  
findorder2a() Searching short-term orders...  
2024-02-13 17:59:14 findorder2a() api query failed ('createdAtHeight')  
None  
Waiting 1 second for order to be visible.  
findorder2a() Searching short-term orders...  
{'id': '15575508-alfe-57c6-adab-462aa61cf05e', 'subaccountId': 'f23ffcf9-17b3-56  
2f-87cf-194252cf653f', 'clientId': '1417966476', 'clobPairId': '0', 'side': 'BUY  
, 'size': '0.001', 'totalFilled': '0.001', 'price': '97646', 'type': 'LIMIT', '  
status': 'FILLED', 'timeInForce': 'IOC', 'reduceOnly': False, 'orderFlags': '0',  
'goodTilBlock': '7134328', 'createdAtHeight': '7134321', 'clientMetadata': '1',  
'updatedAt': '2024-02-13T17:59:12.866Z', 'updatedAtHeight': '7134321', 'postOnl  
y': False, 'ticker': 'BTC-USD'}  
FILLED  
pi@raspberrypi:~ $
```

Command: sellquantity

This command sells a specific amount of crypto using MARKET order.

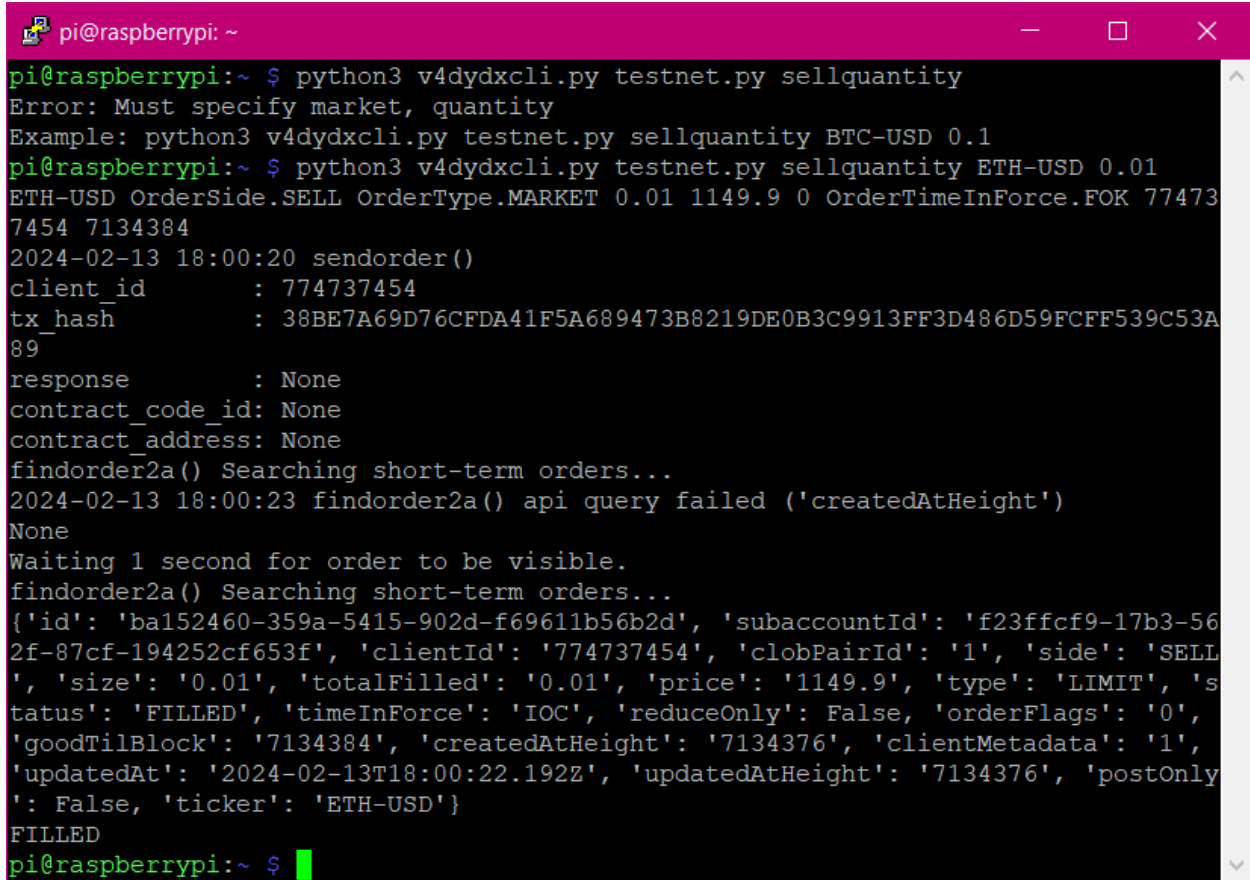
- Parameters: Must specify the market and amount.
- Syntax

```
python3 v4dydxcli.py <apikeyfile> sellquantity <market> <quantity>
```

- Example

```
python3 v4dydxcli.py testnet.py sellquantity ETH-USD 0.01
```

- Screenshot



```
pi@raspberrypi: ~  
pi@raspberrypi:~ $ python3 v4dydxcli.py testnet.py sellquantity  
Error: Must specify market, quantity  
Example: python3 v4dydxcli.py testnet.py sellquantity BTC-USD 0.1  
pi@raspberrypi:~ $ python3 v4dydxcli.py testnet.py sellquantity ETH-USD 0.01  
ETH-USD OrderSide.SELL OrderType.MARKET 0.01 1149.9 0 OrderTimeInForce.FOK 774737454 7134384  
2024-02-13 18:00:20 sendorder()  
client_id      : 774737454  
tx_hash       : 38BE7A69D76CFDA41F5A689473B8219DE0B3C9913FF3D486D59FCFF539C53A89  
response      : None  
contract_code_id: None  
contract_address: None  
findorder2a() Searching short-term orders...  
2024-02-13 18:00:23 findorder2a() api query failed ('createdAtHeight')  
None  
Waiting 1 second for order to be visible.  
findorder2a() Searching short-term orders...  
{'id': 'ba152460-359a-5415-902d-f69611b56b2d', 'subaccountId': 'f23ffcf9-17b3-562f-87cf-194252cf653f', 'clientId': '774737454', 'clobPairId': '1', 'side': 'SELL', 'size': '0.01', 'totalFilled': '0.01', 'price': '1149.9', 'type': 'LIMIT', 'status': 'FILLED', 'timeInForce': 'IOC', 'reduceOnly': False, 'orderFlags': '0', 'goodTilBlock': '7134384', 'createdAtHeight': '7134376', 'clientMetadata': '1', 'updatedAt': '2024-02-13T18:00:22.192Z', 'updatedAtHeight': '7134376', 'postOnly': False, 'ticker': 'ETH-USD'}  
FILLED  
pi@raspberrypi:~ $
```

Command: buyusdc

This command buys a specific USD-amount of crypto using MARKET order.

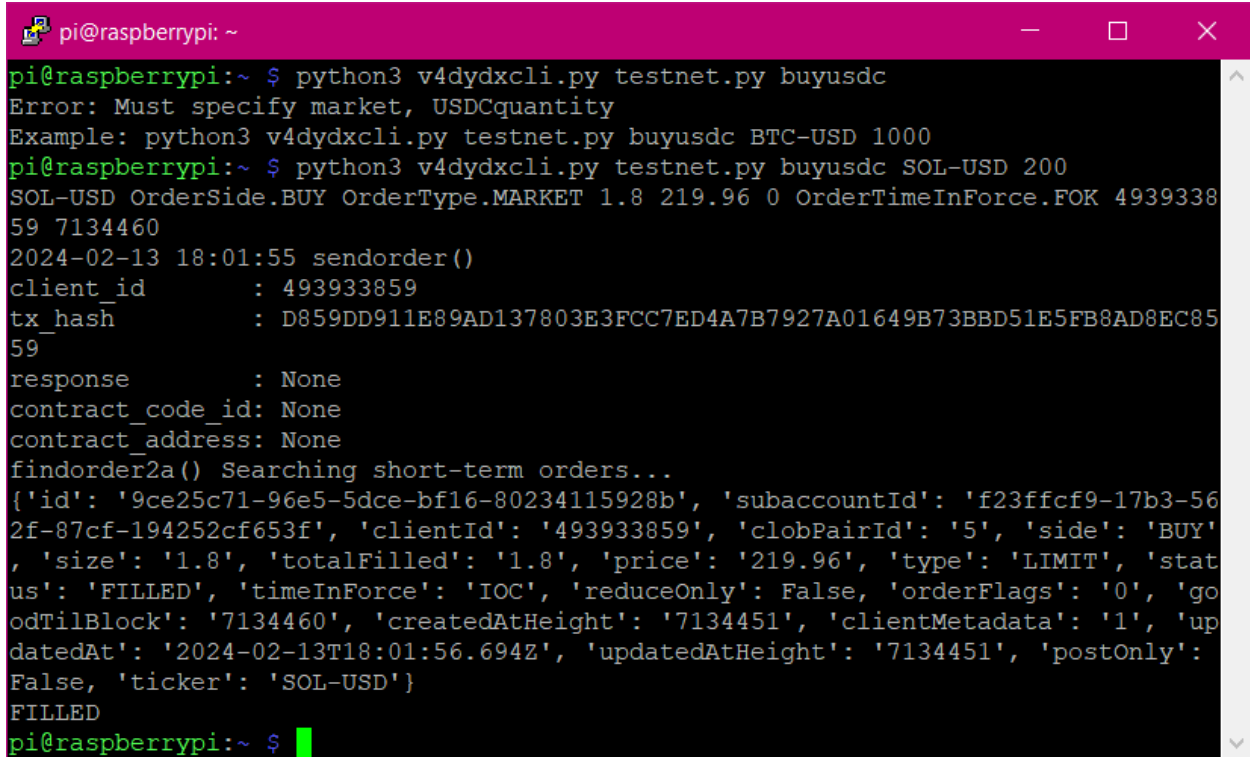
- Parameters: Must specify the market and USD-amount.
- Syntax

```
python3 v4dydxcli.py <apikeyfile> buyusdc <market> <USD-amount>
```

- Example

```
python3 v4dydxcli.py testnet.py buyusdc SOL-USD 200
```

- Screenshot



```
pi@raspberrypi: ~  
pi@raspberrypi:~ $ python3 v4dydxcli.py testnet.py buyusdc  
Error: Must specify market, USDCquantity  
Example: python3 v4dydxcli.py testnet.py buyusdc BTC-USD 1000  
pi@raspberrypi:~ $ python3 v4dydxcli.py testnet.py buyusdc SOL-USD 200  
SOL-USD OrderSide.BUY OrderType.MARKET 1.8 219.96 0 OrderTimeInForce.FOK 4939338  
59 7134460  
2024-02-13 18:01:55 sendorder()  
client_id      : 493933859  
tx_hash       : D859DD911E89AD137803E3FCC7ED4A7B7927A01649B73BBD51E5FB8AD8EC85  
59  
response      : None  
contract_code_id: None  
contract_address: None  
findorder2a() Searching short-term orders...  
{'id': '9ce25c71-96e5-5dce-bf16-80234115928b', 'subaccountId': 'f23ffcf9-17b3-56  
2f-87cf-194252cf653f', 'clientId': '493933859', 'clobPairId': '5', 'side': 'BUY'  
, 'size': '1.8', 'totalFilled': '1.8', 'price': '219.96', 'type': 'LIMIT', 'stat  
us': 'FILLED', 'timeInForce': 'IOC', 'reduceOnly': False, 'orderFlags': '0', 'go  
odTilBlock': '7134460', 'createdAtHeight': '7134451', 'clientMetadata': '1', 'up  
datedAt': '2024-02-13T18:01:56.694Z', 'updatedAtHeight': '7134451', 'postOnly':  
False, 'ticker': 'SOL-USD'}  
FILLED  
pi@raspberrypi:~ $
```

Command: sellusdc

This command sells a specific USD-amount of crypto using MARKET order.

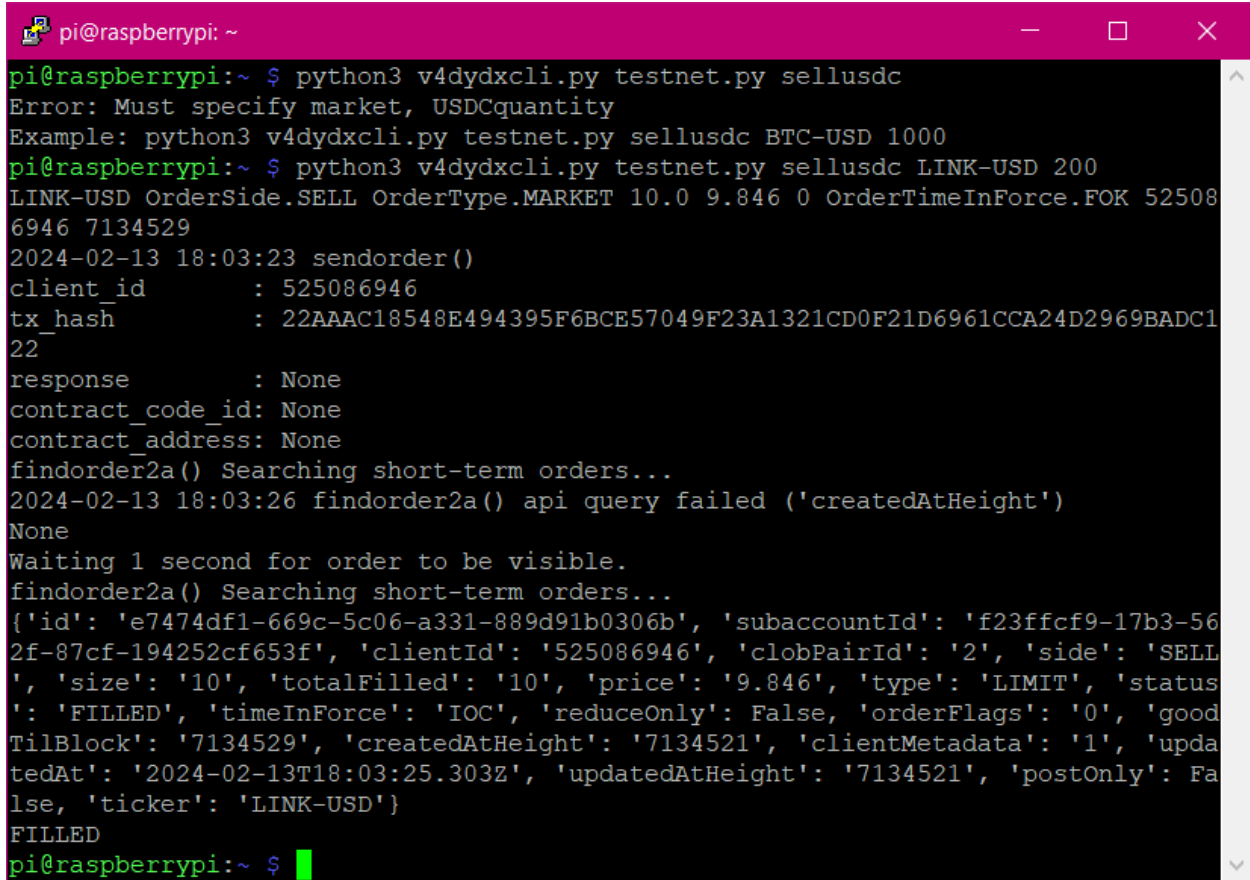
- Parameters: Must specify the market and USD-amount.
- Syntax

```
python3 v4dydxcli.py <apikeyfile> sellusdc <market> <USD-amount>
```

- Example

```
python3 v4dydxcli.py testnet.py sellusdc LINK-USD 200
```

- Screenshot



```
pi@raspberrypi: ~  
pi@raspberrypi:~ $ python3 v4dydxcli.py testnet.py sellusdc  
Error: Must specify market, USDCquantity  
Example: python3 v4dydxcli.py testnet.py sellusdc BTC-USD 1000  
pi@raspberrypi:~ $ python3 v4dydxcli.py testnet.py sellusdc LINK-USD 200  
LINK-USD OrderSide.SELL OrderType.MARKET 10.0 9.846 0 OrderTimeInForce.FOK 52508  
6946 7134529  
2024-02-13 18:03:23 sendorder()  
client_id      : 525086946  
tx_hash       : 22AAAC18548E494395F6BCE57049F23A1321CD0F21D6961CCA24D2969BADC1  
22  
response      : None  
contract_code_id: None  
contract_address: None  
findorder2a() Searching short-term orders...  
2024-02-13 18:03:26 findorder2a() api query failed ('createdAtHeight')  
None  
Waiting 1 second for order to be visible.  
findorder2a() Searching short-term orders...  
{'id': 'e7474df1-669c-5c06-a331-889d91b0306b', 'subaccountId': 'f23ffcf9-17b3-56  
2f-87cf-194252cf653f', 'clientId': '525086946', 'clobPairId': '2', 'side': 'SELL  
, 'size': '10', 'totalFilled': '10', 'price': '9.846', 'type': 'LIMIT', 'status  
' : 'FILLED', 'timeInForce': 'IOC', 'reduceOnly': False, 'orderFlags': '0', 'good  
TilBlock': '7134529', 'createdAtHeight': '7134521', 'clientMetadata': '1', 'upda  
tedAt': '2024-02-13T18:03:25.303Z', 'updatedAtHeight': '7134521', 'postOnly': Fa  
lse, 'ticker': 'LINK-USD'}  
FILLED  
pi@raspberrypi:~ $
```

Command: positions

This command shows open positions. If no open positions, it returns nothing. If you have been following the examples so far, we have opened 4 positions and this is displayed below.

- Parameters: None.
- Syntax

```
python3 v4dydxcli.py <apikeyfile> positions
```

- Example

```
python3 v4dydxcli.py testnet.py positions
```

- Screenshot

```
pi@raspberrypi: ~  
pi@raspberrypi:~ $ python3 v4dydxcli.py testnet.py positions  
dydx1gem4xs643fjhaqvphrvv0adpg4435j7xx9pp4z:0 LINK-USD -10  
dydx1gem4xs643fjhaqvphrvv0adpg4435j7xx9pp4z:0 SOL-USD 1.8  
dydx1gem4xs643fjhaqvphrvv0adpg4435j7xx9pp4z:0 ETH-USD -0.01  
dydx1gem4xs643fjhaqvphrvv0adpg4435j7xx9pp4z:0 BTC-USD 0.001  
pi@raspberrypi:~ $
```


Command: buyquantitylimit

This command buys a specific amount of crypto using LIMIT order.

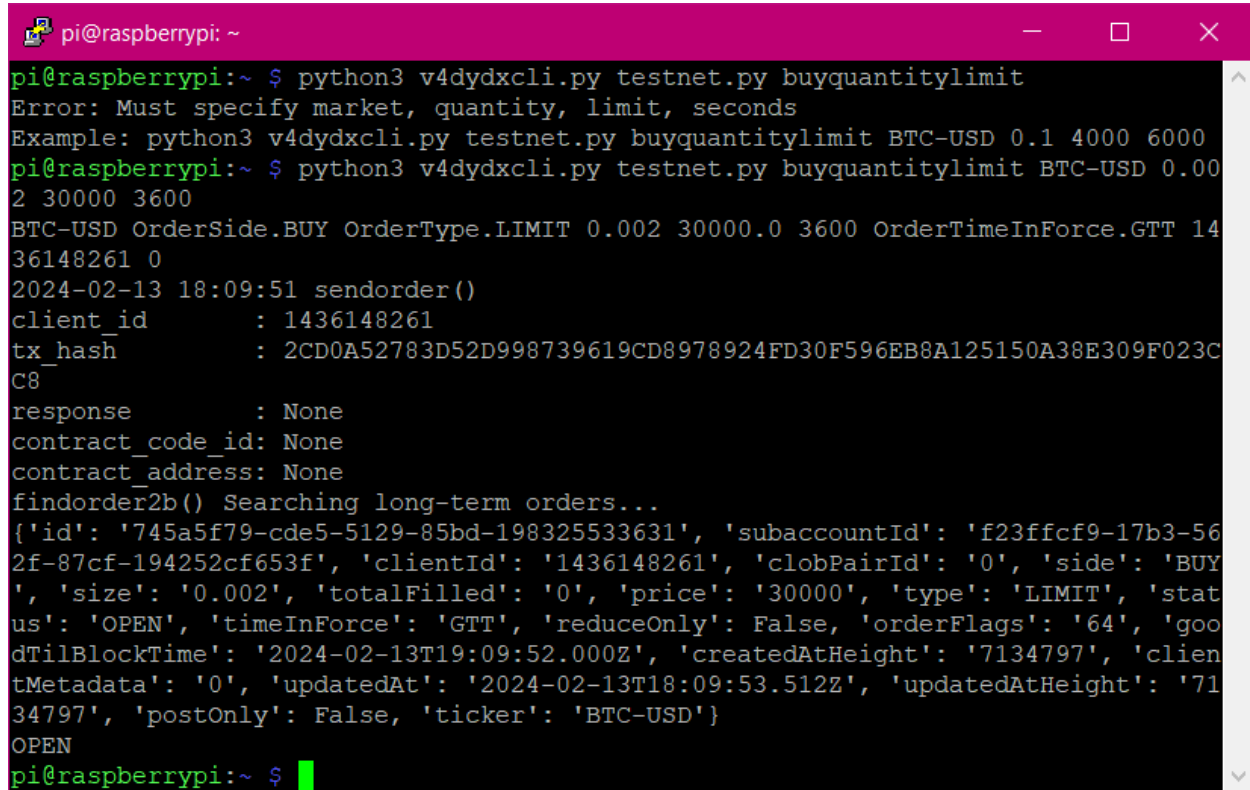
- Parameters: Must specify the market, quantity, limit-price, and expiration (in seconds).
- Syntax

```
python3 v4dydxcli.py <apikeyfile> buyquantitylimit <market> <quantity> <limitprice> <expiration>
```

- Example

```
python3 v4dydxcli.py testnet.py buyquantitylimit BTC-USD 0.002 30000 3600
```

- Screenshot



```
pi@raspberrypi: ~  
pi@raspberrypi:~ $ python3 v4dydxcli.py testnet.py buyquantitylimit  
Error: Must specify market, quantity, limit, seconds  
Example: python3 v4dydxcli.py testnet.py buyquantitylimit BTC-USD 0.1 4000 6000  
pi@raspberrypi:~ $ python3 v4dydxcli.py testnet.py buyquantitylimit BTC-USD 0.002 30000 3600  
BTC-USD OrderSide.BUY OrderType.LIMIT 0.002 30000.0 3600 OrderTimeInForce.GTT 1436148261 0  
2024-02-13 18:09:51 sendorder()  
client_id      : 1436148261  
tx_hash       : 2CD0A52783D52D998739619CD8978924FD30F596EB8A125150A38E309F023C8  
response      : None  
contract_code_id: None  
contract_address: None  
findorder2b() Searching long-term orders...  
{'id': '745a5f79-cde5-5129-85bd-198325533631', 'subaccountId': 'f23ffcf9-17b3-562f-87cf-194252cf653f', 'clientId': '1436148261', 'clobPairId': '0', 'side': 'BUY', 'size': '0.002', 'totalFilled': '0', 'price': '30000', 'type': 'LIMIT', 'status': 'OPEN', 'timeInForce': 'GTT', 'reduceOnly': False, 'orderFlags': '64', 'goodTilBlockTime': '2024-02-13T19:09:52.000Z', 'createdAtHeight': '7134797', 'clientMetadata': '0', 'updatedAt': '2024-02-13T18:09:53.512Z', 'updatedAtHeight': '7134797', 'postOnly': False, 'ticker': 'BTC-USD'}  
OPEN  
pi@raspberrypi:~ $
```

Command: sellquantitylimit

This command sells a specific amount of crypto using LIMIT order.

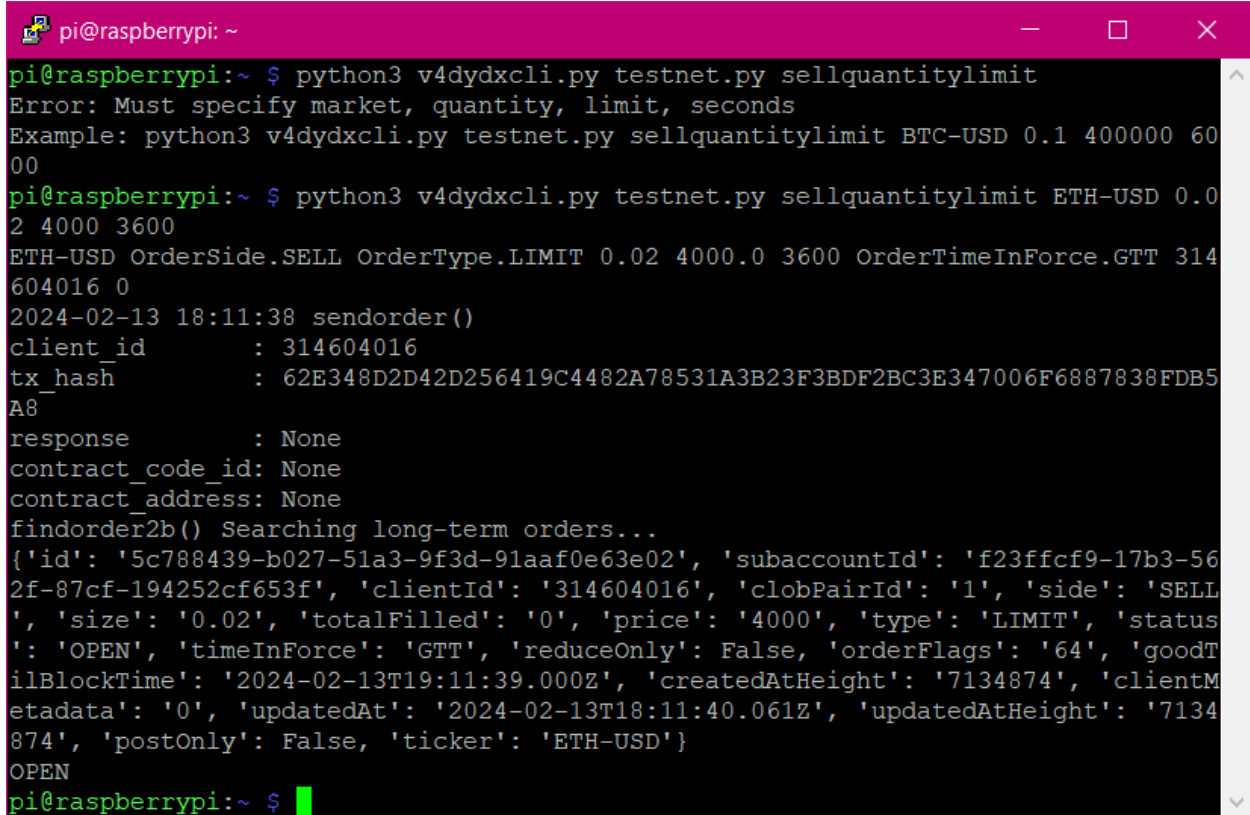
- Parameters: Must specify the market, quantity, limit-price, and expiration (in seconds).
- Syntax

```
python3 v4dydxcli.py <apikeyfile> sellquantitylimit <market> <quantity> <limitprice> <expiration>
```

- Example

```
python3 v4dydxcli.py testnet.py sellquantitylimit ETH-USD 0.02 4000 3600
```

- Screenshot



```
pi@raspberrypi: ~  
pi@raspberrypi:~ $ python3 v4dydxcli.py testnet.py sellquantitylimit  
Error: Must specify market, quantity, limit, seconds  
Example: python3 v4dydxcli.py testnet.py sellquantitylimit BTC-USD 0.1 400000 6000  
pi@raspberrypi:~ $ python3 v4dydxcli.py testnet.py sellquantitylimit ETH-USD 0.02 4000 3600  
ETH-USD OrderSide.SELL OrderType.LIMIT 0.02 4000.0 3600 OrderTimeInForce.GTT 314604016 0  
2024-02-13 18:11:38 sendorder()  
client_id      : 314604016  
tx_hash       : 62E348D2D42D256419C4482A78531A3B23F3BDF2BC3E347006F6887838FDB5A8  
response      : None  
contract_code_id: None  
contract_address: None  
findorder2b() Searching long-term orders...  
{'id': '5c788439-b027-51a3-9f3d-91aaf0e63e02', 'subaccountId': 'f23ffcf9-17b3-562f-87cf-194252cf653f', 'clientId': '314604016', 'clobPairId': '1', 'side': 'SELL', 'size': '0.02', 'totalFilled': '0', 'price': '4000', 'type': 'LIMIT', 'status': 'OPEN', 'timeInForce': 'GTT', 'reduceOnly': False, 'orderFlags': '64', 'goodTilBlockTime': '2024-02-13T19:11:39.000Z', 'createdAtHeight': '7134874', 'clientMetadata': '0', 'updatedAt': '2024-02-13T18:11:40.061Z', 'updatedAtHeight': '7134874', 'postOnly': False, 'ticker': 'ETH-USD'}  
OPEN  
pi@raspberrypi:~ $
```

Command: getorder

This command gets the data on an order with a specific client-id. Alternatively, you can specify a status to find all orders with that status.

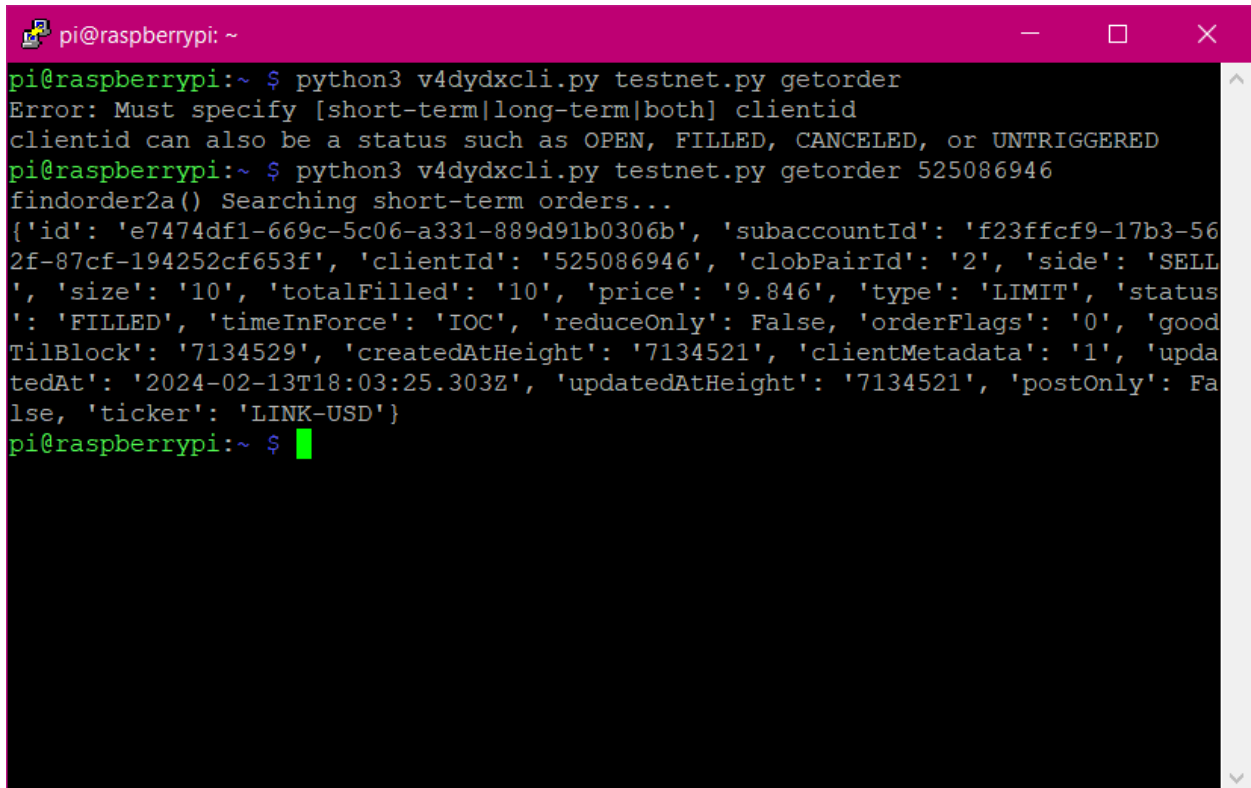
- Parameters: Must specify the client-id or a status.
- Syntax

```
python3 v4dydxcli.py <apikeyfile> getorder <clientid or status>
```

- Example

```
python3 v4dydxcli.py testnet.py getorder 525086946
```

- Screenshot

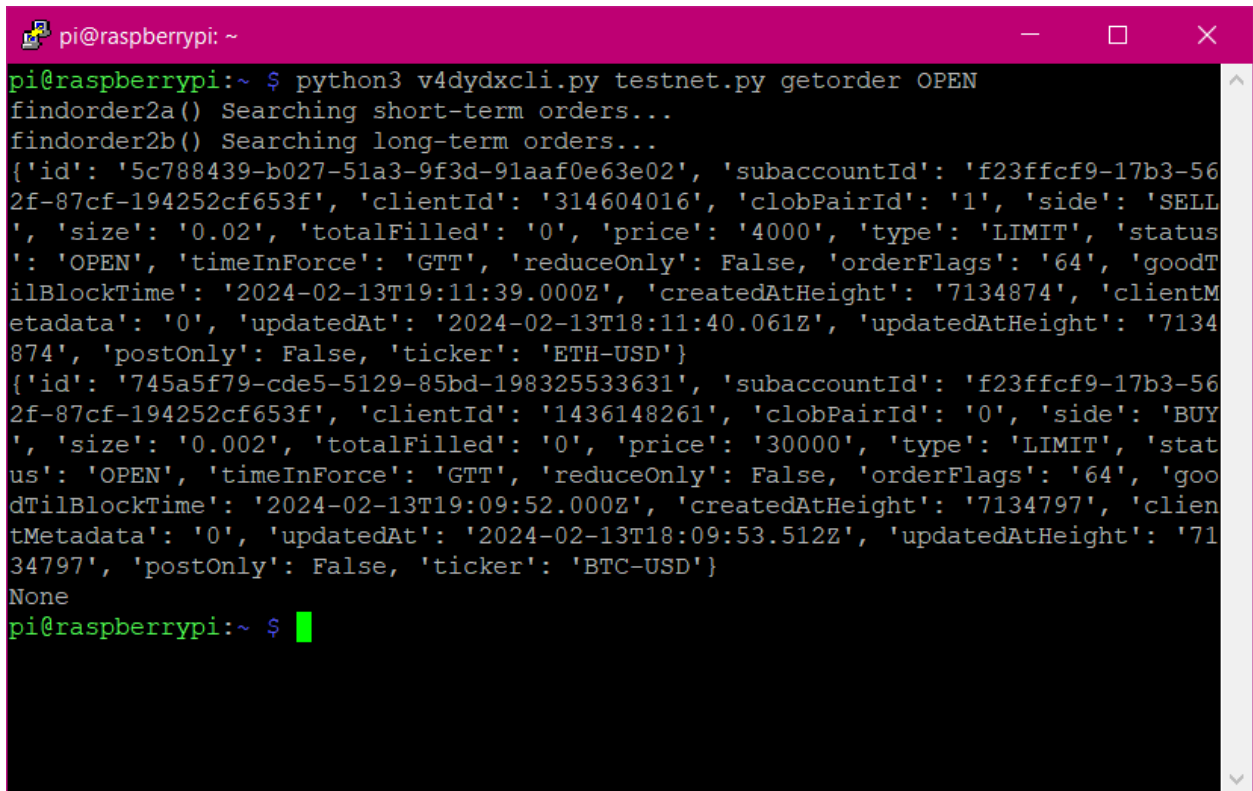


```
pi@raspberrypi: ~  
pi@raspberrypi:~ $ python3 v4dydxcli.py testnet.py getorder  
Error: Must specify [short-term|long-term|both] clientid  
clientid can also be a status such as OPEN, FILLED, CANCELED, or UNTRIGGERED  
pi@raspberrypi:~ $ python3 v4dydxcli.py testnet.py getorder 525086946  
findorder2a() Searching short-term orders...  
{'id': 'e7474df1-669c-5c06-a331-889d91b0306b', 'subaccountId': 'f23ffcf9-17b3-56  
2f-87cf-194252cf653f', 'clientId': '525086946', 'clobPairId': '2', 'side': 'SELL  
, 'size': '10', 'totalFilled': '10', 'price': '9.846', 'type': 'LIMIT', 'status  
' : 'FILLED', 'timeInForce': 'IOC', 'reduceOnly': False, 'orderFlags': '0', 'good  
TilBlock': '7134529', 'createdAtHeight': '7134521', 'clientMetadata': '1', 'upda  
tedAt': '2024-02-13T18:03:25.303Z', 'updatedAtHeight': '7134521', 'postOnly': Fa  
lse, 'ticker': 'LINK-USD'}  
pi@raspberrypi:~ $
```

- Example

python3 v4dydxcli.py testnet.py getorder OPEN

- Screenshot

A screenshot of a terminal window titled 'pi@raspberrypi: ~'. The terminal shows the execution of the command 'python3 v4dydxcli.py testnet.py getorder OPEN'. The output consists of two JSON objects representing orders, one for 'ETH-USD' and one for 'BTC-USD', followed by 'None'. The terminal window has a pink title bar and standard window controls (minimize, maximize, close) on the right. A vertical scrollbar is visible on the right side of the terminal content area.

```
pi@raspberrypi:~ $ python3 v4dydxcli.py testnet.py getorder OPEN
findorder2a() Searching short-term orders...
findorder2b() Searching long-term orders...
{'id': '5c788439-b027-51a3-9f3d-91aaf0e63e02', 'subaccountId': 'f23ffcf9-17b3-562f-87cf-194252cf653f', 'clientId': '314604016', 'clobPairId': '1', 'side': 'SELL', 'size': '0.02', 'totalFilled': '0', 'price': '4000', 'type': 'LIMIT', 'status': 'OPEN', 'timeInForce': 'GTT', 'reduceOnly': False, 'orderFlags': '64', 'goodTilBlockTime': '2024-02-13T19:11:39.000Z', 'createdAtHeight': '7134874', 'clientMetadata': '0', 'updatedAt': '2024-02-13T18:11:40.061Z', 'updatedAtHeight': '7134874', 'postOnly': False, 'ticker': 'ETH-USD'}
{'id': '745a5f79-cde5-5129-85bd-198325533631', 'subaccountId': 'f23ffcf9-17b3-562f-87cf-194252cf653f', 'clientId': '1436148261', 'clobPairId': '0', 'side': 'BUY', 'size': '0.002', 'totalFilled': '0', 'price': '30000', 'type': 'LIMIT', 'status': 'OPEN', 'timeInForce': 'GTT', 'reduceOnly': False, 'orderFlags': '64', 'goodTilBlockTime': '2024-02-13T19:09:52.000Z', 'createdAtHeight': '7134797', 'clientMetadata': '0', 'updatedAt': '2024-02-13T18:09:53.512Z', 'updatedAtHeight': '7134797', 'postOnly': False, 'ticker': 'BTC-USD'}
None
pi@raspberrypi:~ $
```

Command: getorderid

This command gets the data on an order with a specific order-id.

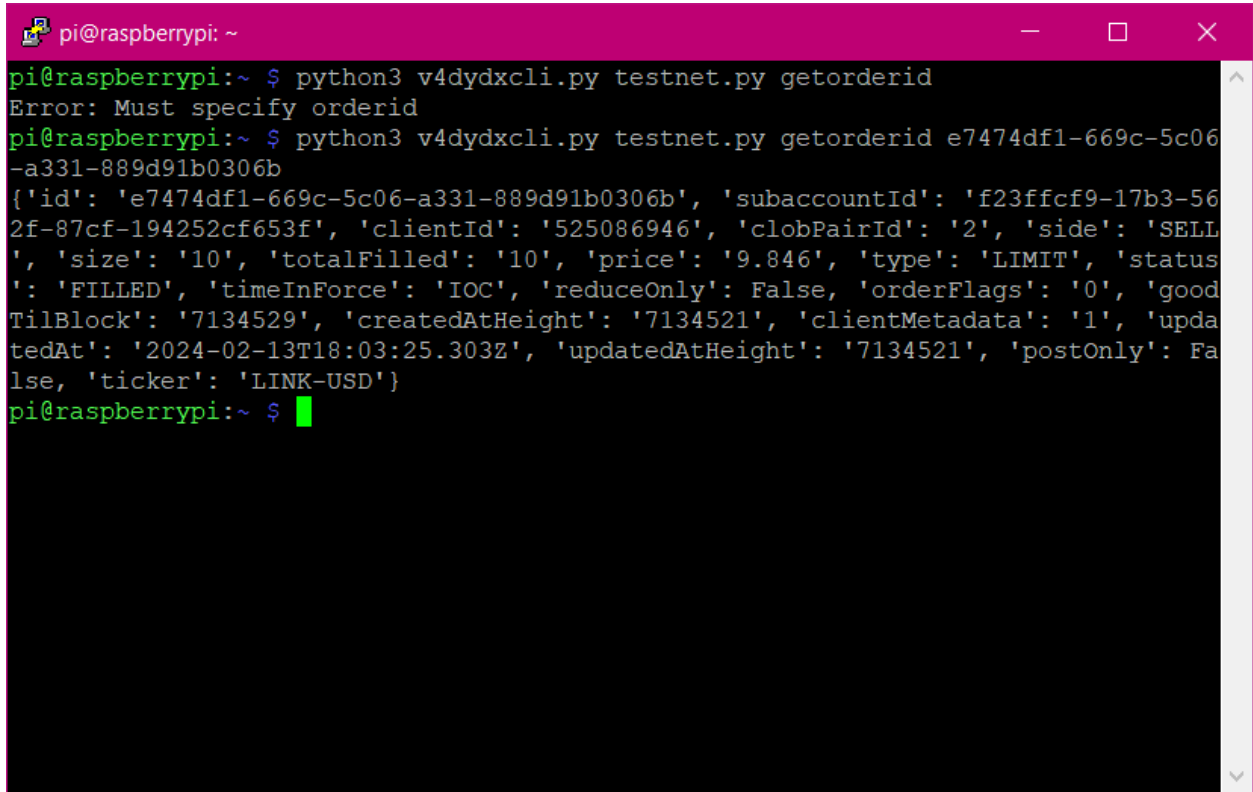
- Parameters: Must specify the order-id.
- Syntax

```
python3 v4dydxcli.py <apikeyfile> getorderid <orderid>
```

- Example

```
python3 v4dydxcli.py testnet.py getorderid e7474df1-669c-5c06-a331-889d91b0306b
```

- Screenshot



```
pi@raspberrypi: ~  
pi@raspberrypi:~ $ python3 v4dydxcli.py testnet.py getorderid  
Error: Must specify orderid  
pi@raspberrypi:~ $ python3 v4dydxcli.py testnet.py getorderid e7474df1-669c-5c06-a331-889d91b0306b  
{'id': 'e7474df1-669c-5c06-a331-889d91b0306b', 'subaccountId': 'f23ffcf9-17b3-562f-87cf-194252cf653f', 'clientId': '525086946', 'clobPairId': '2', 'side': 'SELL', 'size': '10', 'totalFilled': '10', 'price': '9.846', 'type': 'LIMIT', 'status': 'FILLED', 'timeInForce': 'IOC', 'reduceOnly': False, 'orderFlags': '0', 'goodTilBlock': '7134529', 'createdAtHeight': '7134521', 'clientMetadata': '1', 'updatedAt': '2024-02-13T18:03:25.303Z', 'updatedAtHeight': '7134521', 'postOnly': False, 'ticker': 'LINK-USD'}
```

Command: cancelorder

This command cancels an order with a specific client-id. Alternatively, you can specify a status to cancel all orders with that status.

- Parameters: Must specify the client-id or a status.
- Syntax

```
python3 v4dydxcli.py <apikeyfile> cancelorder <client-id or status>
```

- Example

```
python3 v4dydxcli.py testnet.py cancelorder 314604016
```

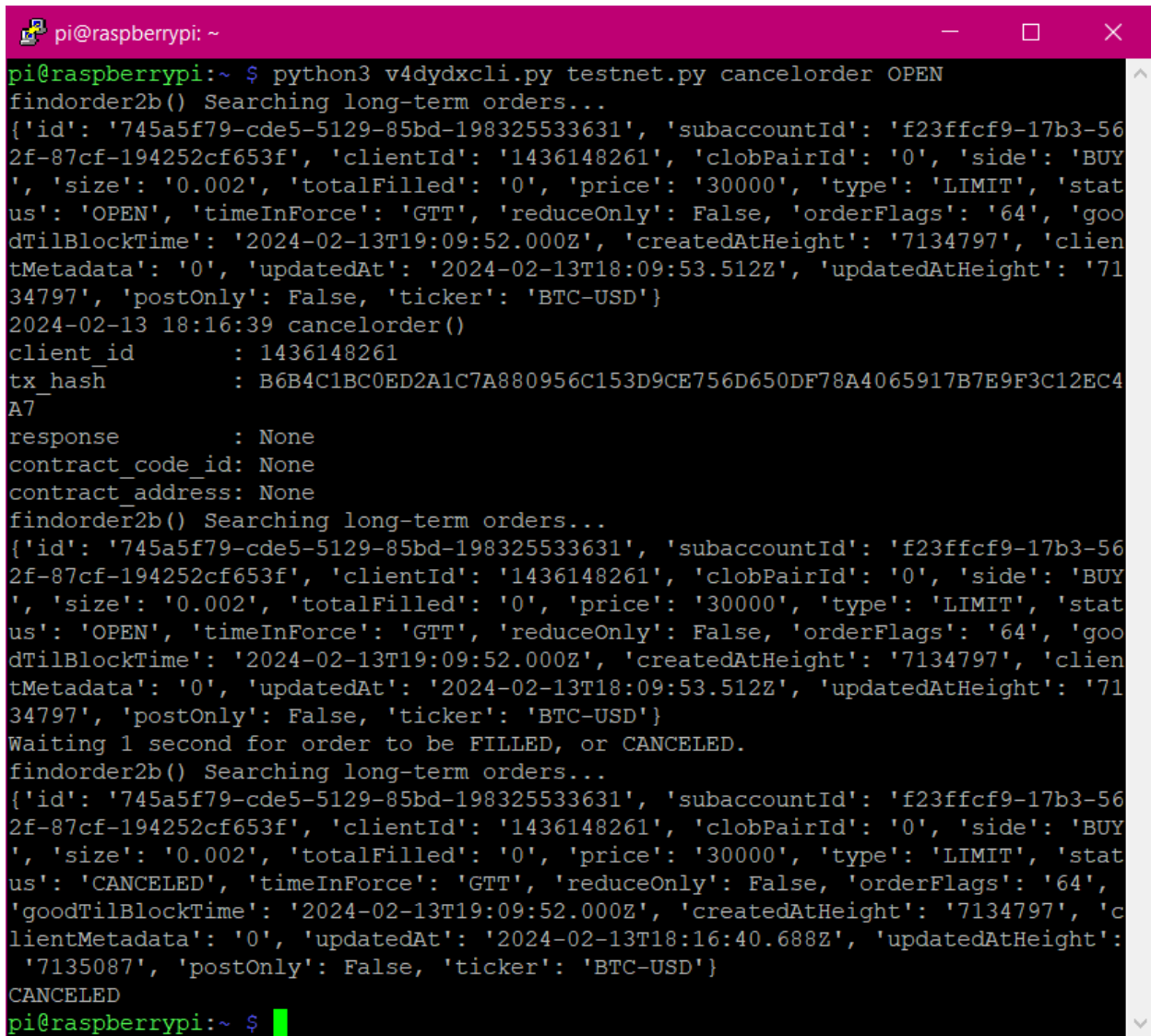
- Screenshot

```
pi@raspberrypi: ~  
pi@raspberrypi:~ $ python3 v4dydxcli.py testnet.py cancelorder  
Error: Must specify clientid  
clientid can also be the status OPEN to cancel all OPEN orders  
pi@raspberrypi:~ $ python3 v4dydxcli.py testnet.py cancelorder 314604016  
findorder2b() Searching long-term orders...  
2024-02-13 18:15:41 cancelorder()  
client_id      : 314604016  
tx_hash       : 768BE6706EFDB3BE4FB90A7C35ECF689C72BBDBB29293D9602101D5560761B  
A6  
response      : None  
contract_code_id: None  
contract_address: None  
findorder2b() Searching long-term orders...  
{'id': '5c788439-b027-51a3-9f3d-91aaf0e63e02', 'subaccountId': 'f23ffcf9-17b3-56  
2f-87cf-194252cf653f', 'clientId': '314604016', 'clobPairId': '1', 'side': 'SELL  
, 'size': '0.02', 'totalFilled': '0', 'price': '4000', 'type': 'LIMIT', 'status  
, 'OPEN', 'timeInForce': 'GTT', 'reduceOnly': False, 'orderFlags': '64', 'goodT  
ilBlockTime': '2024-02-13T19:11:39.000Z', 'createdAtHeight': '7134874', 'clientM  
etadata': '0', 'updatedAt': '2024-02-13T18:11:40.061Z', 'updatedAtHeight': '7134  
874', 'postOnly': False, 'ticker': 'ETH-USD'}  
Waiting 1 second for order to be FILLED, or CANCELED.  
findorder2b() Searching long-term orders...  
{'id': '5c788439-b027-51a3-9f3d-91aaf0e63e02', 'subaccountId': 'f23ffcf9-17b3-56  
2f-87cf-194252cf653f', 'clientId': '314604016', 'clobPairId': '1', 'side': 'SELL  
, 'size': '0.02', 'totalFilled': '0', 'price': '4000', 'type': 'LIMIT', 'status  
, 'OPEN', 'timeInForce': 'GTT', 'reduceOnly': False, 'orderFlags': '64', 'goodT  
ilBlockTime': '2024-02-13T19:11:39.000Z', 'createdAtHeight': '7134874', 'clientM  
etadata': '0', 'updatedAt': '2024-02-13T18:11:40.061Z', 'updatedAtHeight': '7134  
874', 'postOnly': False, 'ticker': 'ETH-USD'}  
Waiting 1 second for order to be FILLED, or CANCELED.  
findorder2b() Searching long-term orders...  
{'id': '5c788439-b027-51a3-9f3d-91aaf0e63e02', 'subaccountId': 'f23ffcf9-17b3-56  
2f-87cf-194252cf653f', 'clientId': '314604016', 'clobPairId': '1', 'side': 'SELL  
, 'size': '0.02', 'totalFilled': '0', 'price': '4000', 'type': 'LIMIT', 'status  
, 'OPEN', 'timeInForce': 'GTT', 'reduceOnly': False, 'orderFlags': '64', 'goodT  
ilBlockTime': '2024-02-13T19:11:39.000Z', 'createdAtHeight': '7134874', 'clientM  
etadata': '0', 'updatedAt': '2024-02-13T18:11:40.061Z', 'updatedAtHeight': '7134  
874', 'postOnly': False, 'ticker': 'ETH-USD'}  
Waiting 1 second for order to be FILLED, or CANCELED.  
findorder2b() Searching long-term orders...  
{'id': '5c788439-b027-51a3-9f3d-91aaf0e63e02', 'subaccountId': 'f23ffcf9-17b3-56  
2f-87cf-194252cf653f', 'clientId': '314604016', 'clobPairId': '1', 'side': 'SELL  
, 'size': '0.02', 'totalFilled': '0', 'price': '4000', 'type': 'LIMIT', 'status  
, 'CANCELED', 'timeInForce': 'GTT', 'reduceOnly': False, 'orderFlags': '64', 'g  
oodTilBlockTime': '2024-02-13T19:11:39.000Z', 'createdAtHeight': '7134874', 'cli  
entMetadata': '0', 'updatedAt': '2024-02-13T18:15:43.295Z', 'updatedAtHeight': '7135045', 'postOnly': False, 'ticker': 'ETH-USD'}  
CANCELED  
pi@raspberrypi:~ $
```

- Example

python3 v4dydxcli.py testnet.py cancelorder OPEN

- Screenshot



```
pi@raspberrypi: ~  
pi@raspberrypi:~ $ python3 v4dydxcli.py testnet.py cancelorder OPEN  
findorder2b() Searching long-term orders...  
{'id': '745a5f79-cde5-5129-85bd-198325533631', 'subaccountId': 'f23ffcf9-17b3-56  
2f-87cf-194252cf653f', 'clientId': '1436148261', 'clobPairId': '0', 'side': 'BUY  
, 'size': '0.002', 'totalFilled': '0', 'price': '30000', 'type': 'LIMIT', 'stat  
us': 'OPEN', 'timeInForce': 'GTT', 'reduceOnly': False, 'orderFlags': '64', 'goo  
dTilBlockTime': '2024-02-13T19:09:52.000Z', 'createdAtHeight': '7134797', 'clien  
tMetadata': '0', 'updatedAt': '2024-02-13T18:09:53.512Z', 'updatedAtHeight': '71  
34797', 'postOnly': False, 'ticker': 'BTC-USD'}  
2024-02-13 18:16:39 cancelorder()  
client_id      : 1436148261  
tx_hash       : B6B4C1BC0ED2A1C7A880956C153D9CE756D650DF78A4065917B7E9F3C12EC4  
A7  
response      : None  
contract_code_id: None  
contract_address: None  
findorder2b() Searching long-term orders...  
{'id': '745a5f79-cde5-5129-85bd-198325533631', 'subaccountId': 'f23ffcf9-17b3-56  
2f-87cf-194252cf653f', 'clientId': '1436148261', 'clobPairId': '0', 'side': 'BUY  
, 'size': '0.002', 'totalFilled': '0', 'price': '30000', 'type': 'LIMIT', 'stat  
us': 'OPEN', 'timeInForce': 'GTT', 'reduceOnly': False, 'orderFlags': '64', 'goo  
dTilBlockTime': '2024-02-13T19:09:52.000Z', 'createdAtHeight': '7134797', 'clien  
tMetadata': '0', 'updatedAt': '2024-02-13T18:09:53.512Z', 'updatedAtHeight': '71  
34797', 'postOnly': False, 'ticker': 'BTC-USD'}  
Waiting 1 second for order to be FILLED, or CANCELED.  
findorder2b() Searching long-term orders...  
{'id': '745a5f79-cde5-5129-85bd-198325533631', 'subaccountId': 'f23ffcf9-17b3-56  
2f-87cf-194252cf653f', 'clientId': '1436148261', 'clobPairId': '0', 'side': 'BUY  
, 'size': '0.002', 'totalFilled': '0', 'price': '30000', 'type': 'LIMIT', 'stat  
us': 'CANCELED', 'timeInForce': 'GTT', 'reduceOnly': False, 'orderFlags': '64',  
'goodTilBlockTime': '2024-02-13T19:09:52.000Z', 'createdAtHeight': '7134797', 'c  
lientMetadata': '0', 'updatedAt': '2024-02-13T18:16:40.688Z', 'updatedAtHeight':  
'7135087', 'postOnly': False, 'ticker': 'BTC-USD'}  
CANCELED  
pi@raspberrypi:~ $
```