

CLI Python Script

Command syntax

Run the script like this:

- Syntax:

```
python3 v4dydxcli.py
```

- where:

is the apikeyfile, and

is the command, and

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 balance
```

- Examples:

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

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

- Screenshot:

Command: buyquantity

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

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

```
python3 v4dydxcli.py buyquantity
```

- Example:

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

- Screenshot:

Command: sellquantity

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

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

```
python3 v4dydxcli.py sellquantity
```

- Example:

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

- Screenshot:

Command: buyusdc

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

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

```
python3 v4dydxccli.py buyusdc
```

- Example:

```
python3 v4dydxccli.py testnet.py buyusdc SOL-USD 200
```

- Screenshot:

Command: sellusdc

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

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

```
python3 v4dydxccli.py sellusdc
```

- Example:

```
python3 v4dydxccli.py testnet.py sellusdc LINK-USD 200
```

- Screenshot:

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 v4dydxccli.py positions
```

- Example:

```
python3 v4dydxccli.py testnet.py positions
```

- Screenshot:

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 v4dydxccli.py buyquantitylimit
```

- Example:

```
python3 v4dydxccli.py testnet.py buyquantitylimit BTC-USD 0.002 30000 3600
```

- Screenshot:

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 v4dydxccli.py sellquantitylimit
```

- Example:

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

- Screenshot:

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 getorder

- Example:

python3 v4dydxcli.py testnet.py getorder 525086946

- Screenshot:
- Example:

python3 v4dydxcli.py testnet.py getorder OPEN

- Screenshot:

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 getorderid

- Example:

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

- Screenshot:

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 cancelorder

- Example:

python3 v4dydxcli.py testnet.py cancelorder 314604016

- Screenshot:
- Example:

python3 v4dydxcli.py testnet.py cancelorder OPEN

- Screenshot:

Last updated on May 21, 2024 [Setting up Raspberry Pi for API Trading Overview](#)