

Sologenic DEX Trading Data API

Summary

This API documentation provides the means for a listing website to fetch and display trades, volumes and activities on the Sologenic DEX.

Environments

Mainnet API root URL: `https://api.sologenic.org`

Rate limiting

Current Trading data API rate limit is 100 rpm per IP. If you need a higher limit please email info@sologenic.org to be whitelisted.

API documentation

OHLC

`GET api/v1/ohlc`

Params

- `symbol` *required* - symbol for which OHLC should be returned. NOTE: `symbol` should be urlsafe encoded.
- `period` *required* - one of `["1m", "3m", "5m", "15m", "30m", "1h", "3h", "6h", "12h", "1d", "3d", "1w"]`
- `from` *required* - unix timestamp of OHLC start
- `to` *required* - unix timestamp of OHLC end

NOTE: API has limitation of 2000 points per request

It means that you can request 2000 of 1m points (2000/60/24) ~1.3 days. Or 2000 of 1h points ~83.3 days etc.

Response

```
[
  [
    1611069600, // timestamp
    "5.54016620498615", // open
    "5.54016620498615", // high
```

```

"5.54016620498615", // low
"5.54016620498615", // close
"1.9855", // volume
],
[
1611069660,
"5.54016620498615",
"5.54016620498615",
"5.54016620498615",
"5.54016620498615",
"0",
],
]
```

Example

```
curl  
"https://api.sologenic.org/api/v1/ohlcv?symbol=534F4C4F000000000000000000000000000000000000%2BrsoLo2S1kiGeCc6nCUXVrCpGMWLRrRrLZz%2FXRP&period=1m&from=1611007200&to=1611070980"
```

Tickers

POST `api/v1/tickers/24h`

NOTE: Since in most browsers URL size is limited to 2048 characters POST is preferred HTTP method to fetch tickers

Params

- `symbols` *required max 20 symbols* - an array of symbols for which tickers should be fetched.

Response

```
{
  "USD+rD9W7ULveavz8qBGM1R5jMgK2QKsEDPQVi/XRP": {
    open_time: 1611014400,
    open_price: "5.154639175257732",
    high_price: "5.54016620498615",
    low_price: "5.113524505284584",
    last_price: "5.54016620498615",
    volume: "13.049739333333827",
  },
  "XRP/USD+rD9W7ULveavz8qBGM1R5jMgK2QKsEDPQVi": {
    open_time: 1611014400,
    open_price: "0.1955598333334567",
    high_price: "0.1955598333334567",
    low_price: "0.1805",
  }
}
```

```

    last_price: "0.1805",
    volume: "68",
  },
}

```

Example

POST

```

curl -X "POST" -H "Content-Type: application/json"
"https://api.sologenic.org/api/v1/tickers/24h" --data '{"symbols":
["USD+rD9W7ULveavz8qBGM1R5jMgK2QKsEDPQVi/XRP",
"XRP/USD+rD9W7ULveavz8qBGM1R5jMgK2QKsEDPQVi"]}'

```

Trades

```
GET api/v1/trades?symbol=
```

Params

- `symbol` *optional* - symbol for which recent trades should be returned. NOTE: `symbol` should be urlsafe encoded. NOTE: At least one of `symbol` or `account` is required
- `account` *optional* - account for which recent trades should be returned. NOTE: At least one of `symbol` or `account` is required
- `before_id` *optional* - if specified, returns only trades in which the ID is less than the specified value
- `after_id` *optional* - if specified, returns only trades in which the ID is greater than the specified value
- `limit` *optional default 50 max 100* - number of last trades to return

Response

```

[
  {
    id: 643521990000310000,
    txid: "A6D2D7ECF648F82703B62613E525A98D9342914A7CF39D8A0373DD05BBB5C9ED",
    symbol:
"534F4C4F0000000000000000000000000000000000000000+rsoLo2S1kiGeCcn6hCUXVrCpGMWlrRrLZz/
XRP",
    buyer: "rNZf65LFq8jdWhQEo9faRYQHxn61kgK2yy",
    seller: "r3S8pxlQx6ctoQGv8puFwahoLWGjVZksQv",
    is_seller_taker: true,
    amount: "0.001",
    price: "1.15", // API returns precalculated price but preferable way is
to calculate price on application side using `quote_amount` & `amount`.
    quote_amount: "0.00115",
  }
]

```

```

    executed_at: "2021-06-18T11:33:12Z",
    time: "2021-06-18T11:33:12Z", // Compatibility. Use executed_at instead.
  },
  {
    id: 643521320000190000,
    txid: "5C8C9AD97C679D41B57BCCC24CD2DCCC85D30CAB0D53BBCD7AE94F7EEFE307AD",
    symbol:
"534F4C4F00000000000000000000000000000000+rsoLo2S1kiGeCcn6hCUXVrCpGMWLrRrLZz/
XRP",
    buyer: "rNZf65LFq8jdWhQEo9faRYQHxn61kgK2yy",
    seller: "r3S8px1Qx6ctoQGv8puFwahoLWGjVZksQv",
    is_seller_taker: true,
    amount: "0.001",
    price: "1.15",
    quote_amount: "0.00115",
    executed_at: "2021-06-18T11:29:02Z",
    time: "2021-06-18T11:29:02Z",
  },
]

```

Example

```

curl
'https://api.sologenic.org/api/v1/trades?symbol=534F4C4F000000000000000000000000
0000000000%2BrsoLo2S1kiGeCcn6hCUXVrCpGMWLrRrLZz%2FXRP&account=r3S8px1Qx6ctoQ
Gv8puFwahoLWGjVZksQv&before_id=643521990000320000&after_id=643521320000180000
'

```

Symbols

SOLO/XRP	534F4C4F00000000000000000000000000000000+rsoLo2S1kiGeCcn6hCUXVrCpGMWLrRrLZz/XRP
SOLO/USD (Gatehub USD)	534F4C4F00000000000000000000000000000000+rsoLo2S1kiGeCcn6hCUXVrCpGMWLrRrLZz/USD+rhub8VRN55s94qWKDv6jmDy1pUykJzF3wq
SOLO/USD (Bitstamp USD)	534F4C4F00000000000000000000000000000000+rsoLo2S1kiGeCcn6hCUXVrCpGMWLrRrLZz/USD+rvYAfWj5gh67oV6fW32ZzP3Aw4Eubs59B
XRP/USD (Gatehub USD)	XRP/USD+rhub8VRN55s94qWKDv6jmDy1pUykJzF3wq

XRP/USD (Bitstamp USD)	XRP/USD+rvYAfWj5gh67oV6fW32ZzP3Aw4Eubs59B
XRP/EUR (Gatehub EUR)	XRP/EUR+rhub8VRN55s94qWKDv6jmDy1pUykJzF3wq
XRP/BTC (Gatehub BTC)	XRP/BTC+rchGBxcD1A1C2tdxF6papQYZ8kjRKMYcL
XRP/ETH (Gatehub ETH)	XRP/ETH+rcA8X3TVMST1n3CJeAdGk1RdRCHii7N2h
BTC (Gatehub) /USD (Gatehub)	BTC+rchGBxcD1A1C2tdxF6papQYZ8kjRKMYcL/USD+rhub8VRN55s94qWKDv6jmDy1pUykJzF3wq
CSC/XRP	CSC+rCSCManTZ8ME9EoLrSHHYKW8PPwWMgkwr/XRP
XTK/XRP	XTK+rXTKdHWuppSjkbikoeV53bfxHAN1MxmTb/XRP
XRP/XRDOGE	XRP%2F5852646F67650000000000000000000000000000%2BrLqUC2eCPohYvJCEBJ77eCCqVL2uEiczjA
XPUNK/XRP	5850554E4B00%2BrHEL3bM4RFsvF8kbQj3cya8YiDvjoeMxLq%2FXRP