Retrieve Bars

API URL: POST https://api.topstepx.com/api/History/retrieveBars

API Reference: **/api/History/retrieveBars**

Description

Retrieve bars.

Note: The maximum number of bars that can be retrieved in a single request is **20,000**.

Parameters

Name	Type	Description	Required	Nullable
contractId	integer	The contract ID.	Required	false
live	boolean	Whether to retrieve bars using the sim or live data subscription.	Required	false
startTime	datetime	The start time of the historical data.	Required	false
endTime	datetime	The end time of the historical data.	Required	false
unit	integer	The unit of aggregation for the historical data: 1 = Second 2 = Minute 3 = Hour 4 = Day 5 = Week 6 = Month	Required	false
unitNumber	integer	The number of units to aggregate.	Required	false

Name	Type	Description	Required	Nullable
limit	integer	The maximum number of bars to retrieve.	Required	false
includePartialBar	boolean	Whether to include a partial bar representing the current time unit.	Required	false

Example Usage

Example Request

- **cURL Request**

```
curl -X 'POST' \
  'https://api.topstepx.com/api/History/retrieveBars' \
  -H 'accept: text/plain' \
  -H 'Content-Type: application/json' \
  -d '{
    "contractId": "CON.F.US.RTY.Z24",
    "live": false,
    "startTime": "2024-12-01T00:00:00Z",
    "endTime": "2024-12-31T21:00:00Z",
    "unit": 3,
    "unitNumber": 1,
    "limit": 7,
    "includePartialBar": false
  }'
```

Example Response

- **Success**
- **Error**

```
{
    "bars": [
      {
        "t": "2024-12-20T14:00:00+00:00",
        "o": 2208.100000000,
        "h": 2217.000000000,
        "l": 2206.700000000,
    "c": 2210.100000000,
    "v": 87
  },
  {
    "t": "2024-12-20T13:00:00+00:00",
    "o": 2195.800000000,
    "h": 2215.000000000,
    "l": 2192.900000000,
    "c": 2209.800000000,
    "v": 536
  },
  {
    "t": "2024-12-20T12:00:00+00:00",
    "o": 2193.600000000,
    "h": 2200.300000000,
    "l": 2192.000000000,
    "c": 2198.000000000,
    "v": 180
  },
  {
    "t": "2024-12-20T11:00:00+00:00",
    "o": 2192.200000000,
    "h": 2194.800000000,
    "l": 2189.900000000,
    "c": 2194.800000000,
    "v": 174
  },
  {
    "t": "2024-12-20T10:00:00+00:00",
    "o": 2200.400000000,
    "h": 2200.400000000,
    "l": 2191.000000000,
    "c": 2193.100000000,
    "v": 150
  },
  {
    "t": "2024-12-20T09:00:00+00:00",
    "o": 2205.000000000,
    "h": 2205.800000000,
    "l": 2198.900000000,
    "c": 2200.500000000,
    "v": 56
    },
    {
      "t": "2024-12-20T08:00:00+00:00",
      "o": 2207.700000000,
      "h": 2210.100000000,
      "l": 2198.100000000,
      "c": 2204.900000000,
      "v": 144
    }
  ],
  "success": true,
  "errorCode": 0,
  "errorMessage": null
}
```

Search for Contracts

API URL: POST https://api.topstepx.com/api/Contract/search

API Reference: **/api/Contract/search**

Description

Search for contracts. Note: The response returns up to 20 contracts at a time.

Parameters

Name	Type	Description	Required	Nullable
searchText	string	The name of the contract to search for.	Required	false
live	boolean	Whether to search for contracts using the sim/live data subscription.	Required	false

Example Usage

Example Request

- **cURL Request**

```
curl -X 'POST' \
  'https://api.topstepx.com/api/Contract/search' \
  -H 'accept: text/plain' \
  -H 'Content-Type: application/json' \
  -d '{
    "live": false,
    "searchText": "NQ"
  }'
```

Example Response

- **Success**
- **Error**

```
{
  "contracts": [
    {
      "id": "CON.F.US.ENQ.U25",
      "name": "NQU5",
      "description": "E-mini NASDAQ-100: September 2025",
      "tickSize": 0.25,
      "tickValue": 5,
      "activeContract": true,
      "symbolId": "F.US.ENQ"
    },
    {
      "id": "CON.F.US.MNQ.U25",
      "name": "MNQU5",
      "description": "Micro E-mini Nasdaq-100: September 2025",
      "tickSize": 0.25,
      "tickValue": 0.5,
      "activeContract": true,
      "symbolId": "F.US.MNQ"
    },
    {
      "id": "CON.F.US.NQG.Q25",
      "name": "QGQ5",
      "description": "E-Mini Natural Gas: August 2025",
      "tickSize": 0.005,
      "tickValue": 12.5,
      "activeContract": true,
      "symbolId": "F.US.NQG"
    },
    {
      "id": "CON.F.US.NQM.U25",
      "name": "QMU5",
      "description": "E-Mini Crude Oil: September 2025",
      "tickSize": 0.025,
      "tickValue": 12.5,
      "activeContract": true,
      "symbolId": "F.US.NQM"
    }
  ],
  "success": true,
  "errorCode": 0,
  "errorMessage": null
}
```

Search for Contract by Id

API URL: POST https://api.topstepx.com/api/Contract/searchById

API Reference: /api/Contract/searchById

Description

Search for contracts.

Parameters

Name	Type	Description	Required	Nullable
contractId	string	The id of the contract to search for.	Required	false

Example Usage

Example Request

- **cURL Request**

```
curl -X 'POST' \
  'https://api.topstepx.com/api/Contract/searchById' \
  -H 'accept: text/plain' \
  -H 'Content-Type: application/json' \
 -d '{
  "contractId": "CON.F.US.ENQ.H25"
 }'
```

Example Response

- **Success**
- **Error**

```
{
 "contract": {
   "id": "CON.F.US.ENQ.H25",
   "name": "NQH5",
   "description": "E-mini NASDAQ-100: March 2025",
   "tickSize": 0.25,
   "tickValue": 5,
   "activeContract": false,
   "symbolId": "F.US.ENQ"
 },
 "success": true,
 "errorCode": 0,
 "errorMessage": null
}
```

Search for Orders

API URL: POST https://api.topstepx.com/api/Order/search

API Reference: **/api/Order/search**

Description

Search for orders.

Parameters

Name	Type	Description	Required	Nullable
accountId	integer	The account ID.	Required	false

Name	Type	Description	Required	Nullable
startTimestamp	datetime	The start of the timestamp filter.	Required	false
endTimestamp	datetime	The end of the timestamp filter.	Optional	true

Example Usage

Example Request

- **cURL Request**

```
curl -X 'POST' \
  'https://api.topstepx.com/api/Order/search' \
  -H 'accept: text/plain' \
  -H 'Content-Type: application/json' \
  -d '{
    "accountId": 704,
    "startTimestamp": "2025-07-18T21:00:01.268009+00:00",
    "endTimestamp": "2025-07-18T21:00:01.278009+00:00"
  }'
```

Example Response

- **Success**
- **Error**

```
{
  "orders": [
     {
        "id": 36598,
        "accountId": 704,
        "contractId": "CON.F.US.EP.U25",
        "symbolId": "F.US.EP",
        "creationTimestamp": "2025-07-18T21:00:01.268009+00:00",
        "updateTimestamp": "2025-07-18T21:00:01.268009+00:00",
        "status": 2,
        "type": 2,
        "side": 0,
        "size": 1,
        "limitPrice": null,
      "stopPrice": null,
      "fillVolume": 1,
      "filledPrice": 6335.250000000,
      "customTag": null
    }
  ],
  "success": true,
  "errorCode": 0,
  "errorMessage": null
}
```

Search for Open Orders

API URL: POST https://api.topstepx.com/api/Order/searchOpen

API Reference: **/api/Order/searchOpen**

Description

Search for open orders.

Parameters

Name	Type	Description	Required	Nullable
accountId	integer	The account ID.	Required	false

Example Usage

Example Request

- **cURL Request**

```
curl -X 'POST' \
  'https://api.topstepx.com/api/Order/searchOpen' \
  -H 'accept: text/plain' \
  -H 'Content-Type: application/json' \
  -d '{
   "accountId": 212
  }'
```

Example Response

- **Success**
- **Error**

```
{
  "orders": [
    {
      "id": 26970,
      "accountId": 212,
      "contractId": "CON.F.US.EP.M25",
      "creationTimestamp": "2025-04-21T19:45:52.105808+00:00",
      "updateTimestamp": "2025-04-21T19:45:52.105808+00:00",
      "status": 1,
      "type": 4,
      "side": 1,
      "size": 1,
      "limitPrice": null,
      "stopPrice": 5138.000000000,
      "filledPrice": null
    }
  ],
  "success": true,
  "errorCode": 0,
  "errorMessage": null
}
```

Place an Order

API URL: POST https://api.topstepx.com/api/Order/place

API Reference: [/api/Order/place]()

Description

Place an order.

Parameters

Name	Type	Description	Required	Nullable
accountId	integer	The account ID.	Required	false
contractId	string	The contract ID.	Required	false
type	integer	The order type: 1 = Limit 2 = Market 4 = Stop 5 = TrailingStop 6 = JoinBid 7 = JoinAsk	Required	false
side	integer	The side of the order: 0 = Bid (buy) 1 = Ask (sell)	Required	false
size	integer	The size of the order.	Required	false
limitPrice	decimal	The limit price for the order, if applicable.	Optional	true
stopPrice	decimal	The stop price for the order, if applicable.	Optional	true
trailPrice	decimal	The trail price for the order, if applicable.	Optional	true
customTag	string	An optional custom tag for the order. Must be unique across the account.	Optional	true
stopLossBracket	object	Stop loss bracket configuration.	Optional	true

Name	Type	Description	Required	Nullable
takeProfitBracket	object	Take profit bracket configuration.	Optional	true

Bracket Objects

stopLossBracket

Name	Type	Description	Required	Nullable
ticks	integer	Number of ticks for stop loss	Required	false
type	integer	Type of stop loss bracket. Uses same OrderType enum values: 1 = Limit 2 = Market 4 = Stop 5 = TrailingStop 6 = JoinBid 7 = JoinAsk	Required	false

takeProfitBracket

Name	Type	Description	Required	Nullable
ticks	integer	Number of ticks for take profit	Required	false
type	integer	Type of take profit bracket. Uses same OrderType enum values: 1 = Limit 2 = Market 4 = Stop 5 = TrailingStop 6 = JoinBid 7 = JoinAsk	Required	false

Example Usage

Example Request

- **cURL Request**

```
curl -X 'POST' \
  'https://api.topstepx.com/api/Order/place' \
  -H 'accept: text/plain' \
  -H 'Content-Type: application/json' \
  -d '{
    "accountId": 465,
    "contractId": "CON.F.US.DA6.M25",
    "type": 2,
    "side": 1,
    "size": 1,
    "limitPrice": null,
    "stopPrice": null,
    "trailPrice": null,
    "customTag": null,
    "stopLossBracket": {
      "ticks": 10,
      "type": 1
    },
    "takeProfitBracket": {
      "ticks": 20,
      "type": 1
    }
  }'
```

Example Response

- **Success**
- **Error**

```
{
    "orderId": 9056,
    "success": true,
    "errorCode": 0,
    "errorMessage": null
}
```

Cancel an Order

API URL: POST https://api.topstepx.com/api/Order/cancel

API Reference: **/api/Order/cancel**

Description

Cancel an order.

Parameters

Name	Type	Description	Required	Nullable
accountId	integer	The account ID.	Required	false
orderId	integer	The order id.	Required	false

Example Usage

Example Request

- **cURL Request**

```
curl -X 'POST' \
 'https://api.topstepx.com/api/Order/cancel' \
 -H 'accept: text/plain' \
 -H 'Content-Type: application/json' \
 -d '{
  "accountId": 465,
  "orderId": 26974
 }'
```

Example Response

- **Success**
- **Error**

```
{
  "success": true,
  "errorCode": 0,
  "errorMessage": null
}
```

Modify an Order

API URL: POST https://api.topstepx.com/api/Order/modify

API Reference: **/api/Order/modify**

Description

Modify an open order.

Parameters

Name	Type	Description	Required	Nullable
accountId	integer	The account ID.	Required	false
orderId	integer	The order id.	Required	false
size	integer	The size of the order.	Optional	true
limitPrice	decimal	The limit price for the order, if applicable.	Optional	true
stopPrice	decimal	The stop price for the order, if applicable.	Optional	true
trailPrice	decimal	The trail price for the order, if applicable.	Optional	true

Example Usage

Example Request

- **cURL Request**

```
curl -X 'POST' \
  'https://api.topstepx.com/api/Order/modify' \
  -H 'accept: text/plain' \
  -H 'Content-Type: application/json' \
  -d '{
    "accountId": 465,
    "orderId": 26974,
    "size": 1,
    "limitPrice": null,
    "stopPrice": 1604,
    "trailPrice": null
  }'
```

Example Response

- **Success**
- **Error**

```
{
  "success": true,
  "errorCode": 0,
  "errorMessage": null
}
```

Close Positions

API URL: POST https://api.topstepx.com/api/Position/closeContract

API Reference: /api/Position/closeContract

Description

Close a position.

Parameters

Name	Type	Description	Required	Nullable
accountId	integer	The account ID.	Required	false
contractId	string	The contract ID.	Required	false

Example Usage

Example Request

- **cURL Request**

```
curl -X 'POST' \
  'https://api.topstepx.com/api/Position/closeContract' \
  -H 'accept: text/plain' \
  -H 'Content-Type: application/json' \
  -d '{
    "accountId": 536,
    "contractId": "CON.F.US.GMET.J25"
  }'
```

Example Response

- **Success**
- **Error**

```
{
    "success": true,
    "errorCode": 0,
    "errorMessage": null
}
```

Partially Close Positions

API URL: POST https://api.topstepx.com/api/Position/partialCloseContract

API Reference: [/api/Position/partialCloseContract]

Description

Partially close a position.

Parameters

Name	Type	Description	Required	Nullable
accountId	integer	The account ID.	Required	false
contractId	string	The contract ID.	Required	false
size	integer	The size to close.	Required	false

Example Usage

Example Request

- **cURL Request**

```
curl -X 'POST' \
 'https://api.topstepx.com/api/Position/partialCloseContract' \
 -H 'accept: text/plain' \
 -H 'Content-Type: application/json' \
 -d '{
  "accountId": 536,
  "contractId": "CON.F.US.GMET.J25",
  "size": 1
 }'
```

Example Response

- **Success**
- **Error**

```
{
  "success": true,
  "errorCode": 0,
  "errorMessage": null
}
```

Search for Positions

API URL: POST https://api.topstepx.com/api/Position/searchOpen

API Reference: **/api/Position/searchOpen**

Description

Search for open positions.

Parameters

Name	Type	Description	Required	Nullable
accountId	integer	The account ID.	Required	false

Example Usage

Example Request

- **cURL Request**

```
curl -X 'POST' \
  'https://api.topstepx.com/api/Position/searchOpen' \
  -H 'accept: text/plain' \
  -H 'Content-Type: application/json' \
  -d '{
    "accountId": 536
  }'
```

Example Response

- **Success**
- **Error**

```
{
    "positions": [
        {
            "id": 6124,
            "accountId": 536,
            "contractId": "CON.F.US.GMET.J25",
            "creationTimestamp": "2025-04-21T19:52:32.175721+00:00",
            "type": 1,
            "size": 2,
            "averagePrice": 1575.750000000
        }
    ],
    "success": true,
    "errorCode": 0,
    "errorMessage": null
}
```

Search for Trades

API URL: POST https://api.topstepx.com/api/Trade/search

API Reference: **/api/Trade/search**

Description

Search for trades from the request parameters.

Parameters

Name	Type	Description	Required	Nullable
accountId	integer	The account ID.	Required	false
startTimestamp	datetime	The start of the timestamp filter.	Required	false
endTimestamp	datetime	The end of the timestamp filter.	Optional	true

Example Usage

Example Request

- **cURL Request**

```
curl -X 'POST' \
  'https://api.topstepx.com/api/Trade/search' \
  -H 'accept: text/plain' \
  -H 'Content-Type: application/json' \
  -d '{
    "accountId": 203,
    "startTimestamp": "2025-01-20T15:47:39.882Z",
    "endTimestamp": "2025-01-30T15:47:39.882Z"
  }'
```

Example Response

- **Success**
- **Error**

```
{
    "trades": [
        {
            "id": 8604,
            "accountId": 203,
            "contractId": "CON.F.US.EP.H25",
            "creationTimestamp": "2025-01-21T16:13:52.523293+00:00",
            "price": 6065.250000000,
            "profitAndLoss": 50.000000000,
            "fees": 1.4000,
            "side": 1,
            "size": 1,
            "voided": false,
            "orderId": 14328
        },
        {
            "id": 8603,
            "accountId": 203,
            "contractId": "CON.F.US.EP.H25",
            "creationTimestamp": "2025-01-21T16:13:04.142302+00:00",
            "price": 6064.250000000,
            "profitAndLoss": null,    //a null value indicates a half-turn trade
            "fees": 1.4000,
            "side": 0,
            "size": 1,
            "voided": false,
            "orderId": 14326
        }
    ],
    "success": true,
    "errorCode": 0,
    "errorMessage": null
}
```

Real Time Data Overview

The ProjectX Real Time API utilizes SignalR library (via WebSocket) to provide real-time access to data updates involving accounts, orders, positions, balances and quotes.

There are two hubs: user and market.

- The user hub will provide real-time updates to a user's accounts, orders, and positions.
- The market hub will provide market data such as market trade events, DOM events, etc.

What is SignalR?

SignalR is a real-time web application framework developed by Microsoft that simplifies the process of adding real-time functionality to web applications. It allows for bidirectional communication between clients (such as web browsers) and servers, enabling features like live chat, notifications, and real-time updates without the need for constant client-side polling or manual handling of connections.

SignalR abstracts away the complexities of real-time communication by providing high-level APIs for developers. It supports various transport protocols, including WebSockets, Server-Sent Events (SSE), Long Polling, and others, automatically selecting the most appropriate transport mechanism based on the capabilities of the client and server.

The framework handles connection management, message routing, and scaling across multiple servers, making it easier for developers to build scalable and responsive web applications. SignalR is available for multiple platforms, including .NET and JavaScript, allowing developers to build real-time applications using their preferred programming languages and frameworks.

Further information on SignalR can be found here.

Example Usage

- **User Hub**
- **Market Hub**

```
// Import the necessary modules from @microsoft/signalr
const { HubConnectionBuilder, HttpTransportType } = require('@microsoft/signalr');

function setupSignalRConnection() {
  const JWT_TOKEN = 'your_bearer_token';
  const SELECTED_ACCOUNT_ID = 123; // your currently selected/visible account ID
  const userHubUrl = 'https://rtc.topstepx.com/hubs/user?access_token=YOUR_JWT_TOKEN';

  const rtcConnection = new HubConnectionBuilder()
    .withUrl(userHubUrl, {
      skipNegotiation: true,
      transport: HttpTransportType.WebSockets,
      accessTokenFactory: () => JWT_TOKEN,
      timeout: 10000
    })
    .withAutomaticReconnect()
    .build();

  rtcConnection.start()
    .then(() => {
      const subscribe = () => {
        rtcConnection.invoke('SubscribeAccounts');
        rtcConnection.invoke('SubscribeOrders', SELECTED_ACCOUNT_ID);
        rtcConnection.invoke('SubscribePositions', SELECTED_ACCOUNT_ID);
        rtcConnection.invoke('SubscribeTrades', SELECTED_ACCOUNT_ID);
      };
      const unsubscribe = () => {
        rtcConnection.invoke('UnsubscribeAccounts');
        rtcConnection.invoke('UnsubscribeOrders', SELECTED_ACCOUNT_ID);
        rtcConnection.invoke('UnsubscribePositions', SELECTED_ACCOUNT_ID);
        rtcConnection.invoke('UnsubscribeTrades', SELECTED_ACCOUNT_ID);
      };

      rtcConnection.on('GatewayUserAccount', (data) => {
        console.log('Received account update', data);
      });

      rtcConnection.on('GatewayUserOrder', (data) => {
        console.log('Received order update', data);
      });

      rtcConnection.on('GatewayUserPosition', (data) => {
        console.log('Received position update', data);
      });

      rtcConnection.on('GatewayUserTrade', (data) => {
        console.log('Received trade update', data);
      });

      subscribe();

      rtcConnection.onreconnected((connectionId) => {
        console.log('RTC Connection Reconnected');
        subscribe();
      });
    })
    .catch((err) => {
      console.error('Error starting connection:', err);
    });
}
// Call the function to set up and start the connection
setupSignalRConnection();
```

Real-Time Event Payloads

User Hub Events

GatewayUserAccount

Example Payload:

```
{
  id: 123,
  name: "Main Trading Account",
  balance: 10000.50,
  canTrade: true,
  isVisible: true,
  simulated: false
}
```

Field	Type	Description
id	int	The account ID
name	string	The name of the account
balance	number	The current balance of the account
canTrade	bool	Whether the account is eligible for trading
isVisible	bool	Whether the account should be visible
simulated	bool	Whether the account is simulated or live

GatewayUserPosition

Example Payload:

```
{
  id: 456,
  accountId: 123,
  contractId: "CON.F.US.EP.U25",
  creationTimestamp: "2024-07-21T13:45:00Z",
  type: 1, // Long
  size: 2,
  averagePrice: 2100.25
}
```

Field	Type	Description
id	int	The position ID
accountId	int	The account associated with the position
contractId	string	The contract ID associated with the position
creationTimestamp	string	The timestamp when the position was created or opened
type	int (PositionType enum)	The type of the position (long/short)
size	int	The size of the position
averagePrice	number	The average price of the position

GatewayUserOrder

Example Payload:

```
{
  id: 789,
  accountId: 123,
  contractId: "CON.F.US.EP.U25",
  symbolId: "F.US.EP",
  creationTimestamp: "2024-07-21T13:45:00Z",
  updateTimestamp: "2024-07-21T13:46:00Z",
  status: 1, // Open
  type: 1, // Limit
  side: 0, // Bid
  size: 1,
  limitPrice: 2100.50,
  stopPrice: null,
  fillVolume: 0,
  filledPrice: null,
  customTag: "strategy-1"
}
```

Field	Type	Description
id	long	The order ID
accountId	int	The account associated with the order
contractId	string	The contract ID on which the order is placed
symbolId	string	The symbol ID corresponding to the contract
creationTimestamp	string	The timestamp when the order was created
updateTimestamp	string	The timestamp when the order was last updated
status	int (OrderStatus enum)	The current status of the order
type	int (OrderType enum)	The type of the order
side	int (OrderSide enum)	The side of the order (bid/ask)
size	int	The size of the order
limitPrice	number	The limit price for the order, if applicable
stopPrice	number	The stop price for the order, if applicable
fillVolume	int	The number of contracts filled on the order

Field	Type	Description
filledPrice	number	The price at which the order was filled, if any
customTag	string	The custom tag associated with the order, if any

GatewayUserTrade

Example Payload:

```
{
  id: 101112,
  accountId: 123,
  contractId: "CON.F.US.EP.U25",
  creationTimestamp: "2024-07-21T13:47:00Z",
  price: 2100.75,
  profitAndLoss: 50.25,
  fees: 2.50,
  side: 0, // Bid
  size: 1,
  voided: false,
  orderId: 789
}
```

Field	Type	Description
id	long	The trade ID
accountId	int	The account ID associated with the trade
contractId	string	The contract ID on which the trade occurred
creationTimestamp	string	The timestamp when the trade was created
price	number	The price at which the trade was executed

Field	Type	Description
profitAndLoss	number	The total profit and loss of the trade, if available
fees	number	The total fees associated with the trade
side	int (OrderSide enum)	The side of the trade (bid/ask)
size	int	The size of the trade
voided	bool	Whether the trade is voided
orderId	long	The order ID associated with the trade

Market Hub Events

GatewayQuote

Example Payload:

```
{
  symbol: "F.US.EP",
  symbolName: "/ES",
  lastPrice: 2100.25,
  bestBid: 2100.00,
  bestAsk: 2100.50,
  change: 25.50,
  changePercent: 0.14,
  open: 2090.00,
  high: 2110.00,
  low: 2080.00,
  volume: 12000,
  lastUpdated: "2024-07-21T13:45:00Z",
  timestamp: "2024-07-21T13:45:00Z"
}
```

Field	Type	Description
symbol	string	The symbol ID
symbolName	string	Friendly symbol name (currently unused)
lastPrice	number	The last traded price
bestBid	number	The current best bid price
bestAsk	number	The current best ask price
change	number	The price change since previous close
changePercent	number	The percent change since previous close
open	number	The opening price
high	number	The session high price
low	number	The session low price
volume	number	The total traded volume
lastUpdated	string	The last updated time
timestamp	string	The quote timestamp

GatewayDepth

Example Payload:

```
{
  timestamp: "2024-07-21T13:45:00Z",
  type: 1, // Ask
  price: 2100.00,
  volume: 10,
  currentVolume: 5
}
```

Field	Type	Description
timestamp	string	The timestamp of the DOM update
type	int (DomType Enum)	DOM type
price	number	The price level
volume	number	The total volume at this price level
currentVolume	int	The current volume at this price level

GatewayTrade

Example Payload:

```
{
  symbolId: "F.US.EP",
  price: 2100.25,
  timestamp: "2024-07-21T13:45:00Z",
  type: 0, // Buy
  volume: 2
}
```

Field	Type	Description
symbolId	string	The symbol ID
price	number	The trade price

Field	Type	Description
timestamp	string	The trade timestamp
type	int (TradeLogType enum)	TradeLog type
volume	number	The trade volume

Enum Definitions

```
public enum DomType
{
   Unknown    = 0,
   Ask        = 1,
   Bid        = 2,
   BestAsk    = 3,
   BestBid    = 4,
   Trade      = 5,
   Reset      = 6,
   Low        = 7,
   High       = 8,
   NewBestBid = 9,
   NewBestAsk = 10,
   Fill       = 11,
}


public enum OrderSide
{
   Bid = 0,
   Ask = 1
}


public enum OrderType
{
   Unknown     = 0,
   Limit       = 1,
   Market      = 2,
   StopLimit   = 3,
   Stop        = 4,
   TrailingStop = 5,
   JoinBid      = 6,
   JoinAsk      = 7,
}

public enum OrderStatus
{
   None      = 0,
   Open      = 1,
   Filled    = 2,
   Cancelled = 3,
   Expired   = 4,
   Rejected  = 5,
   Pending   = 6
}

public enum TradeLogType
{
   Buy  = 0,
   Sell = 1,
}

public enum PositionType
{
   Undefined = 0,
   Long      = 1,
   Short     = 2
}
```