

ApiClientPreferencesOverriddenSettingSaveDTO

Description

A single overridden client preference value to save.

Properties

Name	Type	Description		
IsDirty	boolean	The read/write status of the response		
Value	number nullable format	true decimal	The value to save if <i>IsDirty</i> is TRUE. Can be null to unset the current value	

Last updated: 16 March 2023



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ApiClientPreferencesOverriddenPriceToleranceDTO

Description

The Price Tolerance single overridden client preference value to retrieve.

Properties

Name	Type	Description	
Value	number nullable format	true	Setting to indicate the user's price tolerance for the client account

Last updated: 16 March 2023



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You are here: CI API Reference > Data Types > ApiClientPreferencesOverriddenMarginFactorDTO

ApiClientPreferencesOverriddenMarginFactorDTO

Description

The Margin Factor single overridden client preference value to retrieve.

Properties

Name	Type	Description		
CanModify	boolean	Flag indicating if the Margin Factor should be modified based on given Min and Max value range		
Value	number nullable format	true decimal	The Margin Factor setting, expressed as points or as a percentage	
MinValue	number nullable format	true decimal	The minimum margin factor	
MaxValue	number nullable format	true decimal	The maximum margin factor	

Last updated: 16 March 2023



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ClientAccountMarginResponseDTO

Description

The current margin and other account balance data for a specific client account used in the [ClientAccountMargin](#) stream.

Properties

Name	Type	Description	
Cash	number format	decimal	The cash balance expressed in the client account base currency
Margin	number format	decimal	The client account total margin requirement expressed in base currency
MarginIndicator	number format	decimal	The margin indicator expressed as a percentage
NetEquity	number format	decimal	The net equity expressed in the client account base currency
OpenTradeEquity	number format	decimal	The open trade equity (<i>open or unrealised P&L</i>) expressed in the client account base currency
TradableFunds	number format	decimal	The tradable funds in the client account base currency
PendingFunds	number format	decimal	The amount in base currency that is still being processed for addition to the funds in the account
TradingResource	number format	decimal	The trading resource expressed in the client account base currency
TotalMarginRequirement	number format	decimal	The total margin requirement expressed in the client account base currency
CurrencyId	integer		The ID code for the client account base currency. The table of lookup codes can be found at Lookup Values
CurrencyIsoCode	string nullable	true	The base currency ISO code

Last updated: 16 March 2023



You are here: CI API Reference > Data Types > ClientAccountMarginResponseDTO

ClientAccountMarginResponseDTO

LogonUser

Description

Information about a Logon user.

Properties

Name	Type	Description
LogonUserName	string	Logon username

Last updated: 16 March 2023



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You are here: CI API Reference > Data Types > LinkedAccountResult

LinkedAccountResult

Description

Information about a Linked account.

Properties

Name	Type	Description
LogonUser	LogonUser	Logon user
LegalParties	LegalPartyDTO[]	Legal parties
AccountHolders	ApiAccountHolderDTO[]	Account holders
ClientAccounts	ApiClientAccountDTO[]	Client accounts
TradingAccounts	ApiTradingAccountDTO v2[]	Trading accounts
AccountOperators	ApiAccountOperatorDTO v2[]	Account operators
Contracts	ApiContractDTO v2[]	Contracts
Restrictions	ApiRestrictionDTO v2[]	Restrictions

Last updated: 16 March 2023



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LegalPartyDTO

Description

Represents the legal party entity.

Properties

Name	Type	Description
PartyId	integer	Party identifier
PersonalEmailAddress	string	Personal email address
HasMultipleEmailAddresses	boolean	Flag which show if user has multiple email addresses
LegalPartyUniqueReference	integer	Legal party unique identifier
IsPiisProvided	boolean	Is piis provided flag

Last updated: 16 March 2023



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Cash Equity

Description

Information about Cash equity.

Properties

Name	Type	Description
ClientAccountToken	ApiClientAccountTokenDTO v2[]	Client account tokens

Last updated: 16 March 2023



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You are here: CI API Reference > Data Types > ApiRestrictionDTO v2

ApiRestrictionDTO v2

Description

Information about restriction.

Properties

Name	Type	Description
ClientAccountId	integer	Contract identifier
CloseOnly	boolean	Is close only flag
AcceptNewBusiness	boolean	Can account open a new positions flag

Last updated: 14 July 2023



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ApiTradingAccountDTO v2

Description

Information about a Trading Account.

Properties

Name	Type	Description
ClientAccountId	integer	Client account identifier
TradingAccountId	integer	Trading account identifier
TradingAccountCode	string	Trading account code
TradingAccountStatus	string	Trading account status with possible values (<i>Open, Closed</i>)
TradingAccountType	string	Trading account type with possible values (<i>Spread, CFD</i>)
TradingAccountName	string	Trading account name.

Last updated: 16 March 2023



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You are here: CI API Reference > Data Types > ApiContractDTO v2

ApiContractDTO v2

Description

Information about contracts.

Properties

Name	Type	Description
ContractId	integer	Contract identifier
IsNIGO	boolean	Is NIGO flag
ContractType	integer	Contract type

Last updated: 16 March 2023



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ApiClientAccountDTO

Description

Information about a client account.

Properties

Name	Type	Description
ContractId	integer	Contract identifier
ClientAccountId	integer	Client Account identifier
CultureId	integer	Culture identifier
ClientAccountCurrency	string	Client account currency
AccountOperatorId	integer	Account operator identifier
ClientTypeId	integer	Client type identifier
IsMiFIDRegulator	boolean	MiFID regulator apply flag
ClientAccountCreationDate	Timestamp	Time when account was created
isMetaTrader	boolean	Is MetaTrader account flag
BrandParentId	integer	Brand parent identifier
AccountGroupName	string	Account Group Name

Last updated: 16 March 2023



You are here: CI API Reference > Data Types > ApiClientAccountTokenDTO v2

ApiClientAccountTokenDTO v2

Description

Information about a Cash Equity.

Properties

Name	Type	Description
ClientAccountId	integer	Client account identifier
Token	string	Token identifier

Last updated: 16 March 2023



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You are here: CI API Reference > Data Types > ApiAccountOperatorDTO v2

ApiAccountOperatorDTO v2

Description

Information about an account operator.

Properties

Name	Type	Description
AccountOperatorId	integer	Account operator identifier
Is2FAEnabledAO	boolean	Is two factor authentication enabled flag
IsNfaEnabledClient	boolean	Is NFA enabled for client flag
IsFifo	boolean	Is Fifo flag
DaysUntilExpiryForDemo	integer	Days until expiry for demo
IsDMAClient	boolean	Is DMA client flag
ServiceOfferingId	integer	Service offering identifier

Last updated: 16 March 2023



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You are here: CI API Reference > Data Types > AccountInformationResponseDTO v2

AccountInformationResponseDTO v2

Description

Response from an account information query.

Properties

Name	Type	Description
AccountResult	AccountResult	Account result

Last updated: 16 March 2023



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You are here: CI API Reference > Data Types > ApiAccountInformationSaveRequestDTO

ApiAccountInformationSaveRequestDTO

Description

Request to save account information.

Properties

Name	Type	Description
PersonalEmailAddress	string	The personal email address for the user
PersonalEmailAddressIsDirty	boolean	Setting to indicate if the personal email value has changed

Last updated: 16 March 2023



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You are here: CI API Reference > Streaming Data > TradeMargin

TradeMargin

Description

Stream of trade margin.

Stream Info

AdapterSet	STREAMINGALL
DataAdapter	TRADEMARGIN
Item	ID.{ClientAccountId}
Transport	HTTP
Protocol	lightstreamer-4

Return Value

[TradeMarginDTO](#)

Last updated: 21 June 2023



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Quotes

Description

Stream of quotes.

Stream Info

AdapterSet	STREAMINGALL
DataAdapter	QUOTES
Item	ID.{ClientAccountId}
Transport	HTTP
Protocol	lightstreamer-4

Return Value

QuoteDTO

Last updated: 21 June 2023



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You are here: CI API Reference > Streaming Data > Prices

Prices

Description

Stream of current prices. Try PRICES.PRICE.154297 (GBP/USD (per 0.0001) CFD) which prices Mon - Fri 24 hours.

Stream Info

AdapterSet	STREAMINGALL
DataAdapter	PRICES
Item	ID.{MarketId}
Transport	HTTP
Protocol	lightstreamer-4

Return Value

[PriceDTO](#)

Last updated: 21 June 2023



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PriceAlerts

Description

Stream of client's Price Alert updates.

Stream Info

AdapterSet	STREAMINGALL
DataAdapter	PRICEALERTS
Item	ID.{ClientAccountId}
Transport	HTTP
Protocol	lightstreamer-4

Return Value

[PriceAlertDTO](#)

Last updated: 21 June 2023



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Orders

Description

Stream of orders.

Stream Info

AdapterSet	STREAMINGALL
DataAdapter	ORDERS
Item	ID.{ClientAccountId}
Transport	HTTP
Protocol	lightstreamer-4

Return Value

[OrderDTO](#)

Last updated: 21 June 2023



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You are here: CI API Reference > Streaming Data > ClientAccountMargin

ClientAccountMargin

Description

Stream of clients current margin.

Stream Info

AdapterSet	STREAMINGALL
DataAdapter	CLIENTACCOUNTMARGIN
Item	ID.{ClientAccountId}
Transport	HTTP
Protocol	lightstreamer-4

Return Value

[ClientAccountMarginDTO](#)

Last updated: 21 June 2023



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ListActiveOrders

Description

Queries the specified trading account for all active orders.

This URI returns the set of currently active orders for the current user, or optionally for a specified trading account belonging to the current user. Each order in the returned set can be either a stop/limit order or a trade. Use the **TypeId** member on [ApiActiveOrderDTO](#) to determine whether it is a stop/limit order or a trade.

Notes on Parameters

ClientAccountId - this can be passed in order to retrieve information on all trading accounts for which it is the parent. **TradingAccountId** - this can be passed to retrieve information specific to a certain trading account (*the child of ClientAccount*).

If *neither* ClientAccountId nor TradingAccountId is passed, then the information returned by default from the API is ClientAccount.

Service Info

target	order
uriTemplate	/activeorders
transport	POST
envelope	URL
contentType	application/json

Parameters

Name	Type	Description
requestDTO	ListActiveOrdersRequestDTO	Contains the request for a ListActiveOrders query.

Return Value

[ListActiveOrdersResponseDTO](#)

Last updated: 23 June 2022



You are here: CI API Reference > HTTP Services > Trades and Orders > ListActiveOrders

ListActiveOrders

UpdateTrade

Description

This service is used for two functions:

- Add a new closing stop loss and/or take profit limit order attached to an open position.
- Modify the details for existing closing orders attached to an open position.

Service Info

target	order
uriTemplate	/updatetradeorder
transport	POST
envelope	JSON
contentType	application/json

Parameters

Name	Type	Description
update	UpdateTradeOrderRequestDTO	The update trade request.

Return Value

[ApiTradeOrderResponseDTO](#)

Example

The following request to the Live GC API environment adds a stop loss order to an open position in the GBP/USD market.

Note: the authentication UserName and Session token are not shown in the example for the purposes of clarity, but they are required in the actual query string.

Post Request Query String

```
POST https://ciapi.cityindex.com/TradingAPI/order/updatetradeorder
```

Post Request Body

```
{"IfDone": [
    {"Stop": {
        "ExpiryDateTimeUTC": null, "Guaranteed": false, "Direction": "sell", "Quantity": 1000,
        "Applicability": "GTC", "TriggerPrice": 1.4317, "OrderId": 0},
        "Limit": null}],
    "Direction": "buy", "ExpiryDateTimeUTCDate": null, "LastChangedDateTimeUTCDate": null, "Reference": null,
    "OcoOrder": null, "Type": null, "ExpiryDateTimeUTC": null, "Applicability": null, "TriggerPrice": null,
    "BidPrice": 1.4420, "AuditId": "8433420-0-0-0-R", "AutoRollover": false, "MarketId": 401166448, "OfferPrice": 1.4422,
    "OrderId": 530531850, "Currency": null, "Quantity": 1, "QuoteId": null, "LastChangedDateTimeUTC": null,
    "PositionMethodId": 1, "TradingAccountId": 400239061, "MarketName": "GBP/USD",
    "Status": null, "isTrade": true}
```

You are here: CI API Reference > HTTP Services > Trades and Orders > UpdateTrade

A successful request returns an HTTP 200 code in the response header and the response body is the

UpdateTrade



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You are here: CI API Reference > HTTP Services > Trades and Orders > UpdateOrder

UpdateOrder

Description

Update the details of a resting entry order. For example: change the trigger price level or quantity, attach conditional if/done stop/limit orders, or attach an OCO relationship.

Service Info

target	order
uriTemplate	/updatestoplimitorder
transport	POST
envelope	JSON
contentType	application/json

Parameters

Name	Type	Description
order	UpdateStopLimitOrderRequestDTO	The update order request.

Return Value

[ApiTradeOrderResponseDTO](#)

Example

The following request to the Live GCAPI environment adds an attached if/done stop order to an existing entry order for the GBP/USD market. The existing entry order has the Order ID: 530539775.

Note: the authentication UserName and Session token are not shown in the example for the purposes of clarity, but they are required in the actual query string.

Note: NFA regulated client accounts cannot place attached If/Done stop or limit orders to an entry order.

Post Request Query String

```
POST https://ciapi.cityindex.com/TradingAPI/order/updatestoplimitorder
```

Post Request Body

```
{"IfDone": [
    {"Stop": {
        "ExpiryDateTimeUTC": null, "Guaranteed": false, "Direction": "buy", "Quantity": 1000,
        "Applicability": "GTC", "TriggerPrice": 1.4319, "OrderId": null,
        "Limit": null},
    "Direction": "sell", "ExpiryDateTimeUTCDate": null, "LastChangedDateTimeUTCDate": null, "OcoOrder": null,
    "Type": null, "ExpiryDateTimeUTC": null, "Applicability": "GTC", "TriggerPrice": 1.4433, "BidPrice": 1.4350,
    "AuditId": "8410399-0-0-0-R", "AutoRollover": false, "MarketId": 401166448, "OfferPrice": 1.4352,
    "OrderId": 530530775, "Currency": null, "Quantity": 1000, "QuoteId": null, "LastChangedDateTimeUTC": null,
    "PositionMethodId": 1, "TradingAccountId": 400239061, "MarketName": "GBP/USD", "Status": null,
```

You are here: CI API Reference > HTTP Services > Trades and Orders > UpdateOrder

UpdateOrder

Last updated: 23 June 2022



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Trade

Description

This service is used for two functions:

- Place an opening trade on a particular market. Do not set any order ID fields when requesting a new trade, the platform will generate them. The trade request may contain conditional if/done attached stop loss and limit closing orders.
- Place a trade to close an open position. In this case, set the Close property with the Order ID of the opening trade.

Service Info

target	order
uriTemplate	/newtradeorder
transport	POST
envelope	JSON
contentType	application/json

Parameters

Name	Type	Description
trade	NewTradeOrderRequestDTO	The trade request.

Return Value

[ApiTradeOrderResponseDTO](#)

Example

The following request to the Live GCAPI environment places a trade to buy 1000 of the GBP/USD market at 1.4397.

Note: the authentication UserName and Session token are not shown in the example for the purposes of clarity, but they are required in the actual query string.

Post Request Query String

```
POST https://ciapi.cityindex.com/TradingAPI/order/newtradeorder
```

Post Request Body

```
{"IfDone":[], "Direction": "buy", "ExpiryDateTimeUTCDate": null, "LastChangedDateTimeUTCDate": null, "OcoOrder": null, "Type": null, "ExpiryDateTimeUTC": null, "Applicability": null, "TriggerPrice": null, "BidPrice": 1.4395, "AuditId": "8327595-0-0-0-R", "AutoRollover": false, "MarketId": 401166448, "OfferPrice": 1.4397, "OrderId": 0, "Currency": null, "Quantity": 1, "QuoteId": null, "LastChangedDateTimeUTC": null, "PositionMethodId": 1, "TradingAccountId": 400239061, "MarketName": "GBP/USD", "Status": null, "isTrade": true}
```

A successful request results in an HTTP 200 code in the response header, and the response body is the [ApiTradeOrderResponseDTO](#) in JSON format.

Last updated: 23 June 2022



You are here: CI API Reference > HTTP Services > Trades and Orders > Trade

Trade

ListTradeHistory

Description

Queries the trade history for a specified trading account. The result set will contain orders with a status of **(3 - Open, 9 - Closed)**, and includes **orders that were a trade / stop / limit order**. There's currently no corresponding GetTradeHistory (as with [ListOpenPositions](#)).

Notes on Parameters

ClientAccountId - this can be passed in order to retrieve all information on all trading accounts for which it is the parent. **TradingAccountId** - this can be passed to retrieve information specific to a certain trading account (*the child of ClientAccount*).

If *neither* ClientAccountId nor TradingAccountId is passed, then the information returned by default from the API is ClientAccount.

Service Info

target	order
uriTemplate	/tradehistory
transport	GET
envelope	URL
contentType	application/json

Parameters

Name	Type	Description	
TradingAccountId	integer nullable	true	The field is mandatory. The ID of the trading account to get orders for.
maxResults	integer nullable	true	The maximum number of results to return. The upper limit is 200 results.
from	long integer nullable	true	The start date / time to constrain the request with results returning orders that have changed since this start date. UNIX datetime format in seconds.

Return Value

[ListTradeHistoryResponseDTO](#)

Last updated: 09 May 2024

You are here: CI API Reference > HTTP Services > Trades and Orders > ListTradeHistory

ListTradeHistory

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ListActiveStopLimitOrders

Description

Queries for a specified trading account's active stop / limit orders.

This URI is intended to support a grid in a UI. One usage pattern is to subscribe to streaming orders, call this for the initial data to display in the grid, then call the HTTP service when you get updates on the order stream to get the updated data in this format.

Notes on Parameters

ClientAccountId - this can be passed in order to retrieve all information on all trading accounts for which it is the parent. **TradingAccountId** - this can be passed to retrieve information specific to a certain trading account (*the child of ClientAccount*).

If *neither* ClientAccountId nor TradingAccountId is passed, then the information returned by default from the API is ClientAccount.

Service Info

target	order
uriTemplate	/activestoplimitorders?TradingAccountId={TradingAccountId}
transport	GET
envelope	URL
contentType	application/json

Parameters

Name	Type	Description	
TradingAccountId	integer nullable	nullable	true

Return Value

[ListActiveStopLimitOrderResponseDTO](#)

Last updated: 21 June 2023



You are here: CI API Reference > HTTP Services > Trades and Orders > ListActiveStopLimitOrders

ListActiveStopLimitOrders

GetActiveStopLimitOrder

Description

Queries for an active stop limit order with a specified order ID. It returns a null value if the order doesn't exist, or is not an active stop limit order.

This URI is intended to support a grid in a UI. One usage pattern is to subscribe to streaming orders, call the HTTP service [ListActiveStopLimitOrders](#) for the initial data to display in the grid, and call this URI when you receive updates on the order stream to get the updated data in this format. For a more comprehensive order response, see the HTTP service .

Service Info

target	order
uriTemplate	/{OrderId}/activestoplimitorder
transport	GET
envelope	URL
contentType	application/json

Parameters

Name	Type	Description
OrderId	integer	The requested order ID.

Return Value

[GetActiveStopLimitOrderResponseDTO](#)

Example

The following request to the Live GC API environment queries the active order with ID = 123456. HTTP GET does not use the body. Parameters should be added in the query string.

Note: the authentication UserName and Session token are not shown in the example for the purposes of clarity, but they are required in the actual query string.

Get Request Query String

```
GET https://ciapi.cityindex.com/TradingAPI/order/123456/activestoplimitorder
```

A successful request results in an HTTP 200 code in the response header, and the response body containing the order query result in JSON format ([GetActiveStopLimitOrderResponseDTO](#)).

Last updated: 19 April 2023

You are here: CI API Reference > HTTP Services > Trades and Orders > GetActiveStopLimitOrder

GetActiveStopLimitOrder

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ListStopLimitOrderHistory

Description

Queries the stop / limit order history for a specified trading account. The result set includes **only orders that were originally stop / limit orders** that currently have one of the following statuses (**3 - Open, 4 - Cancelled, 5 - Rejected, 9 - Closed, 10 - Red Card**). There is currently no corresponding GetStopLimitOrderHistory (as with [ListActiveStopLimitOrders](#)).

Notes on Parameters

ClientAccountId - this can be passed in order to retrieve all information on all trading accounts for which it is the parent. **TradingAccountId** - this can be passed to retrieve information specific to a certain trading account (*the child of ClientAccount*).

If *neither* ClientAccountId nor TradingAccountId is passed, then the information returned by default from the API is ClientAccount.

Service Info

target	order
uriTemplate	/stoplimitorderhistory
transport	GET
envelope	URL
contentType	application/json

Parameters

Name	Type	Description	
TradingAccountId	integer nullable	true	The field is mandatory. The ID of the trading account to get orders for.
maxResults	integer nullable	true	The maximum number of results to return. The upper limit is 200 results.
from	long integer nullable	true	The start date / time to constrain the request with results returning orders that have changed since this start date. In milliseconds.

Return Value

[ListStopLimitOrderHistoryResponseDTO](#)

Last updated: 09 May 2024

You are here: CI API Reference > HTTP Services > Trades and Orders > ListStopLimitOrderHistory

ListStopLimitOrderHistory

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ListOpenPositions

Description

Queries for a specified trading account's trades / open positions.

This URI is intended to support a grid in a UI. One usage pattern is to subscribe to streaming orders, call this for the initial data to display in the grid, then call the HTTP service when you get updates on the order stream to get the updated data in this format.

Notes on Parameters

ClientAccountId - this can be passed in order to retrieve all information on all trading accounts for which it is the parent. **TradingAccountId** - this can be passed to retrieve information specific to a certain trading account (*the child of ClientAccount*).

If *neither* ClientAccountId nor TradingAccountId is passed, then the information returned by default from the API is ClientAccount.

Service Info

target	order
uriTemplate	/openpositions?TradingAccountId={TradingAccountId}
transport	GET
envelope	URL
contentType	application/json

Parameters

Name	Type	Description	
TradingAccountId	integer nullable	true	The field is mandatory. The ID of the trading account to get orders for.

Return Value

[ListOpenPositionsResponseDTO](#)

Last updated: 21 June 2023



You are here: CI API Reference > HTTP Services > Trades and Orders > ListOpenPositions

ListOpenPositions

You are here: CI API Reference > HTTP Services > Trades and Orders > GetOpenPosition

GetOpenPosition

Description

Queries for a trade / open position with a specified order ID. It returns a null value if the order doesn't exist, or is not a trade / open position.

This URI is intended to support a grid in a UI. One usage pattern is to subscribe to streaming orders, call the HTTP service [ListOpenPositions](#) for the initial data to display in the grid, and call this URI when you receive updates on the order stream to get the updated data in this format. For a more comprehensive order response, see the HTTP service .

Service Info

target	order
uriTemplate	/{OrderId}/openposition
transport	GET
envelope	URL
contentType	application/json

Parameters

Name	Type	Description
OrderId	string	The requested order ID.

Return Value

[GetOpenPositionResponseDTO](#)

Example

The following request to the Live GC API environment queries the open position with ID = 123456. HTTP GET does not use the body. Parameters should be added in the query string.

Note: the authentication UserName and Session token are not shown in the example for the purposes of clarity, but they are required in the actual query string.

Get Request Query String

```
GET https://ciapi.cityindex.com/TradingAPI/order/123456/openposition
```

A successful request results in an HTTP 200 code in the response header, and the response body containing the open position query result in JSON format ([GetOpenPositionResponseDTO](#)).

Last updated: 19 April 2023

GetOpenPosition

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Order

Description

This service is used to place a new resting entry order on a particular market. Do not set any order ID fields when requesting a new order, the platform will generate them.

Note: NFA regulated client accounts cannot place attached If/Done stop or limit orders to an entry order.

Service Info

target	order
uriTemplate	/newstoplimitorder
transport	POST
envelope	JSON
contentType	application/json

Parameters

Name	Type	Description
order	NewStopLimitOrderRequestDTO	The order request.

Return Value

[ApiTradeOrderResponseDTO](#)

Example

The following request to the Live GCAPI environment places an entry Limit order to buy 1000 of the GBP/USD market at 1.4397.

Note: the authentication UserName and Session token are not shown in the example for the purposes of clarity, but they are required in the actual query string.

Post Request Query String

```
POST https://ciapi.cityindex.com/TradingAPI/order/newstoplimitorder
```

Post Request Body

```
{"isTrade":false,"AutoRollover":false,"AuditId":"xxxx","Currency":null,"Direction":"buy",
"LastChangedDateTimeUTC":null,"MarketName":"GBP/USD","BidPrice":1.4310,"PositionMethodId":1,
"ExpiryDateTimeUTCDate":null,"Status":null,"MarketId":401166448,
"LastChangedDateTimeUTCDate":null,"Reference":null,
"OfferPrice":1.4312,"TriggerPrice":1.4397,"OrderId":0,"Quantity":1,"QuoteId":null,
"IfDone":[],"TradingAccountId":400239061,"OcoOrder":null,"Type":null,
```

You are here: CI API Reference > HTTP Services > Trades and Orders > Order

Order

Last updated: 19 April 2023



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SearchNews

Description

Search news within a specific region by headline and/or body.

Service Info

target	news
uriTemplate	/searchnews
transport	GET
envelope	URL
contentType	application/json

Parameters

Name	Type	Description						
region	string	The specified region to search news. Possible values: FX, UK, AUS, SING.						
cultureID	integer	The culture ID, which specifies the language of the news stories to retrieve. A list of the major culture IDs can be found at: Usage Notes: Parameters .						
maxResults	integer	<table border="1"> <tr> <td>default</td> <td>25</td> </tr> <tr> <td>minValue</td> <td>1</td> </tr> <tr> <td>maxValue</td> <td>500</td> </tr> </table> Specifies the maximum number of news stories returned.	default	25	minValue	1	maxValue	500
default	25							
minValue	1							
maxValue	500							
searchByHeadline	boolean	If set to TRUE, then query parameter is used to search in news headlines.						
searchByBody	boolean	If set to TRUE, then query parameter is used to search in news bodies.						
query	string	The string to search in news headlines and/or body.						

Return Value

[NewsResponseDTO](#)

Example

The following request to the Live GC API environment retrieves the most current 20 news stories related to the term "Education" in FX markets region, and in English. HTTP GET does not use the body. Parameters should be added in the query string.

Note: the authentication UserName and Session token are not shown in the example for the purposes of clarity, but they are required in the actual query string.

SearchNews

A successful request results in an HTTP 200 code in the response header, and the response body containing the market news story in JSON format ([NewsResponseDTO](#)).

Last updated: 23 June 2022



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SearchMarketReports

Description

Search news for the specified market by headline and/or body.

Service Info

target	news
uriTemplate	/searchmarketreports
transport	GET
envelope	URL
contentType	application/json

Parameters

Name	Type	Description								
marketID	integer	The unique identifier for a market - specifies the market to search news stories.								
cultureID	integer	The culture ID, which specifies the language of the news stories to retrieve. A list of the major culture IDs can be found at: Usage Notes: Parameters .								
maxResults	integer	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>default</td><td>25</td></tr> <tr> <td>minValue</td><td>1</td></tr> <tr> <td>maxValue</td><td>500</td></tr> </table> Specifies the maximum number of news stories returned.			default	25	minValue	1	maxValue	500
default	25									
minValue	1									
maxValue	500									
searchByHeadline	boolean	If set to TRUE, then query parameter is used to search in news headlines.								
searchByBody	boolean	If set to TRUE, then query parameter is used to search in news bodies.								
query	string	The string to search in news headlines and/or body.								

Return Value

[NewsResponseDTO](#)

Example

The following request to the Live GC API environment retrieves the most current 20 news stories related to the term "Economy" for the GBP/USD (*MarketID 401166448*) currency pair in English. HTTP GET does not use the body. Parameters should be added in the query string.

Note: the authentication UserName and Session token are not shown in the example for the purposes of clarity, but they are required in the actual query string.

You are here: CI API Reference > HTTP Services > News > SearchMarketReports

Get Productivity Done

SearchMarketReports

A successful request results in an HTTP 200 code in the response header, and the response body containing the market news story in JSON format ([NewsResponseDTO](#)).

Last updated: 29 January 2024



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You are here:

GetStory

Description

Get the detail for the specific news story matching the story ID in the parameter.

Service Info

target	news
uriTemplate	/story
transport	GET
envelope	URL
contentType	application/json

Parameters

Name	Type	Description
storyID	integer	The news story ID.

Return Value

[StoryResponseDTO](#)

Example

The following request to the Live GCAPI environment retrieves the story detail for the item with story ID 9483. HTTP GET does not use the body. Parameters should be added in the query string.

Note: the authentication UserName and Session token are not shown in the example for the purposes of clarity, but they are required in the actual query string.

Get Request Query String

```
GET https://ciapi.cityindex.com/TradingAPI/news/story?storyID=9483
```

A successful request results in an HTTP 200 code in the response header, and the response body containing the market news story in JSON format ([StoryResponseDTO](#)).

Last updated: 23 June 2022



You are here:

GetStory

You are here: CI API Reference > HTTP Services > News > GetNewsHeadlines

GetNewsHeadlines

Description

Get a list of current news headlines for the specified region.

Service Info

target	news
uriTemplate	/newsheadlines
transport	GET
envelope	URL
contentType	application/json

Parameters

Name	Type	Description
region	string	The specified region to retrieve headlines. Possible values: FX, UK, AUS, SING.
cultureID	integer	The culture ID, which specifies the language of the headlines to retrieve. A list of the major culture IDs can be found at: Usage Notes: Parameters .
maxResults	integer default minValue maxValue	Specifies the maximum number of headlines returned. 25 1 500

Return Value

[NewsHeadlinesResponseDTO](#)

Example

The following request to the Live GCAPI environment retrieves the most current 20 news headlines related to FX markets in the English language. HTTP GET does not use the body. Parameters should be added in the query string.

Note: the authentication UserName and Session token are not shown in the example for the purposes of clarity, but they are required in the actual query string.

Get Request Query String

```
GET https://ciapi.cityindex.com/TradingAPI/news/newsheadlines?  
region=FX&cultureId=69&maxResults=20
```

You are here: CI API Reference > HTTP Services > News > GetNewsHeadlines

GetNewsHeadlines



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GetNews

Description

Get a list of current News stories for the specified region.

Service Info

target	news
uriTemplate	/news
transport	GET
envelope	URL
contentType	application/json

Parameters

Name	Type	Description						
region	string	The specified region to retrieve news stories. Possible values: FX, UK, AUS, SING.						
cultureID	integer	The culture ID, which specifies the language of the news stories to retrieve. A list of the major culture IDs can be found at: Usage Notes: Parameters .						
maxResults	integer	<table><tr><td>default</td><td>25</td></tr><tr><td>minValue</td><td>1</td></tr><tr><td>maxValue</td><td>500</td></tr></table> <p>Specifies the maximum number of news stories returned.</p>	default	25	minValue	1	maxValue	500
default	25							
minValue	1							
maxValue	500							

Return Value

NewsResponseDTO

Example

The following request to the Live GCAPI environment retrieves the most current 20 news stories related to FX markets in the English language. HTTP GET does not use the body. Parameters should be added in the query string.

Note: the authentication UserName and Session token are not shown in the example for the purposes of clarity, but they are required in the actual query string.

Get Request Query String

```
GET https://ciapi.cityindex.com/TradingAPI/news/news?  
region=FX&cultureId=69&maxResults=20
```

GetNews



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You are here: CI API Reference > HTTP Services > News > GetMarketReports

GetMarketReports

Description

Retrieve a list of current news stories for a specific market.

Service Info

target	news
uriTemplate	/marketreports
transport	GET
envelope	URL
contentType	application/json

Parameters

Name	Type	Description				
marketID	integer	The unique identifier for a market - specifies the market to retrieve news stories.				
cultureID	integer	The culture ID, which specifies the language of the news stories to retrieve. A list of the major culture IDs can be found at: Usage Notes: Parameters .				
maxResults	integer	default	25	Specifies the maximum number of news stories returned.		
		minValue	1			
		maxValue	500			

Return Value

[NewsResponseDTO](#)

Example

The following request to the Live GC API environment retrieves the most current 20 news stories for GBP/USD (*MarketID 401166448*) currency pair in English. HTTP GET does not use the body. Parameters should be added in the query string.

Note: the authentication UserName and Session token are not shown in the example for the purposes of clarity, but they are required in the actual query string.

Get Request Query String

```
GET https://ciapi.cityindex.com/TradingAPI/news/marketreports?
marketID=401166448&cultureId=69&maxResults=20
```

You are here: CI API Reference > HTTP Services > News > GetMarketReports

GetMarketReports



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You are here: CI API Reference > HTTP Services > News > GetMarketReportHeadlines

GetMarketReportHeadlines

Description

Retrieve a list of current news headlines for a specific market.

Service Info

target	news
uriTemplate	/marketreportheadlines
transport	GET
envelope	URL
contentType	application/json

Parameters

Name	Type	Description		
marketID	integer	The unique identifier for a market - specifies the market to retrieve news headlines.		
cultureID	integer	The culture ID, which specifies the language of the news headlines to retrieve. A list of the major culture IDs can be found at: Usage Notes: Parameters .		
maxResults	integer	default	25	Specifies the maximum number of news stories returned.
		minValue	1	
		maxValue	500	

Return Value

[NewsHeadlinesResponseDTO](#)

Example

The following request to the Live GC API environment retrieves the most current 20 news headlines for GBP/USD (*MarketID 401166448*) currency pair in English. HTTP GET does not use the body. Parameters should be added in the query string.

Note: the authentication UserName and Session token are not shown in the example for the purposes of clarity, but they are required in the actual query string.

Get Request Query String

```
GET https://ciapi.cityindex.com/TradingAPI/news/marketreportheadlines?
marketID=401166448&cultureId=69&maxResults=20
```

You are here: CI API Reference > HTTP Services > News > GetMarketReportHeadlines

GetMarketReportHeadlines



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You are here: CI API Reference > HTTP Services > Margin (Client Account) > GetClientAccountMargin v2

GetClientAccountMargin v2

Description

Returns the information about client account margin.

Service Info

target	margin
uriTemplate	/v2/margin/clientAccountMargin?clientAccountId={clientAccountId}
transport	GET
envelope	URL
contentType	application/json

Parameters

Name	Type	Description
ClientAccountId	integer	Client account identifier

Return Value

[ClientAccountMarginResponseDTO](#)

Example

The following request to the Live GC API environment retrieves the client preference after [LogOn v2](#) has been performed.

Note: the authentication UserName and Session token are not shown in the example for the purposes of clarity, but they are required in the actual query string.

Get Request Query String

```
GET https://ciapi.cityindex.com/v2/margin/clientAccountMargin
```

A successful request results in an HTTP 200 code in the response header, and the response body containing the client account margin in JSON format ([ClientAccountMarginResponseDTO](#)).

Last updated: 27 March 2023

You are here: CI API Reference > HTTP Services > Margin (Client Account) > GetClientAccountMargin v2

GetClientAccountMargin v2

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GetVersionInformation

Description

Gets version information for a specific client application and (*optionally*) account operator.

Service Info

target	clientapplication
uriTemplate	/versioninformation
transport	GET
envelope	URL
contentType	application/json

Parameters

Name	Type	Description
AppKey	string	A string to uniquely identify the application.
AccountOperatorId	integer	An optional parameter to identify the account operator string to uniquely identify the application.

Return Value

GetVersionInformationResponseDTO

Last updated: 23 June 2022



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You are here: CI API Reference > HTTP Services > CFD Markets > ListCfdMarkets

ListCfdMarkets

Description

Returns a list of CFD markets filtered by market name and/or market code. Leave the market name and code parameters empty to return all markets available to the user.

Service Info

target	cfd
uriTemplate	/markets
transport	GET
envelope	URL
contentType	application/json

Parameters

Name	Type	Description		
marketName	string			
	minLength	1		The characters that the CFD market name starts with. (<i>Optional</i>).
	maxLength	120		
marketCode	string			
	minLength	1		The characters that the market code starts with, normally this is the RIC code for the market. (<i>Optional</i>).
	maxLength	50		
ClientAccountId	integer			
	required	True		The field is mandatory. The logged on user's ClientAccountId. This only shows you the markets that the user can trade.
maxResults	integer			
	minValue	1		
	maxValue	200		
	default	20		The maximum number of markets to return.
useMobileShortName	boolean			
	default	False		True if the market name should be in short form. Helpful when displaying data on a small screen.
includeOptions	boolean			
	default	False		Set value as True to exclude Options markets in the results.
tradingAccountId	integer			
	nullable	true		DEPRECATED! For use with the GTS backend only.

Return Value

[ListCfdMarketsResponseDTO](#)

You are here: CI API Reference > HTTP Services > CFD Markets > ListCfdMarkets

ListCfdMarkets

HTTP GET does not use the body. Parameters should be added in the query string.

Get Request Query String

```
GET https://ciapi.cityindex.com/TradingAPI/cfd/markets?marketname=gold&maxresults=20  
&ClientAccountId=DM123456&usemobileshortname=true
```

A successful request results in an HTTP 200 code in the response header, and the response body containing the market list information in JSON format ([ListCfdMarketsResponseDTO](#)).

Last updated: 21 June 2023

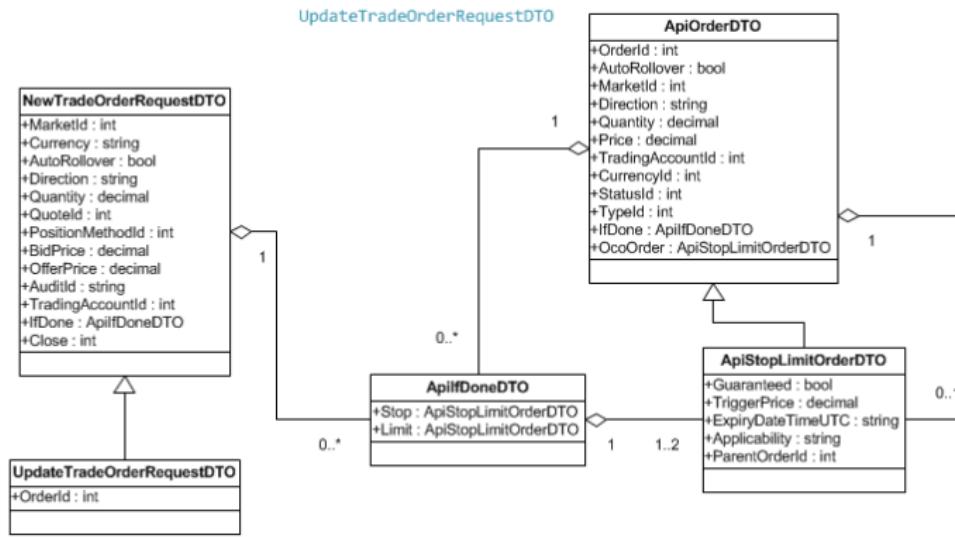


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You are here: [Getting Started](#) > [UML Diagrams](#) > UpdateTradeOrderRequestDTO Class Diagram

UpdateTradeOrderRequestDTO Class Diagram

The [NewStopLimitOrderRequestDTO](#) is used to send update changes to trade orders. The following is the UML class diagram for this process.



The response is an [ApiTradeOrderResponseDTO](#), which is shown in [ApiTradeOrderResponseDTO Class Diagram](#).

Last updated: 23 June 2022

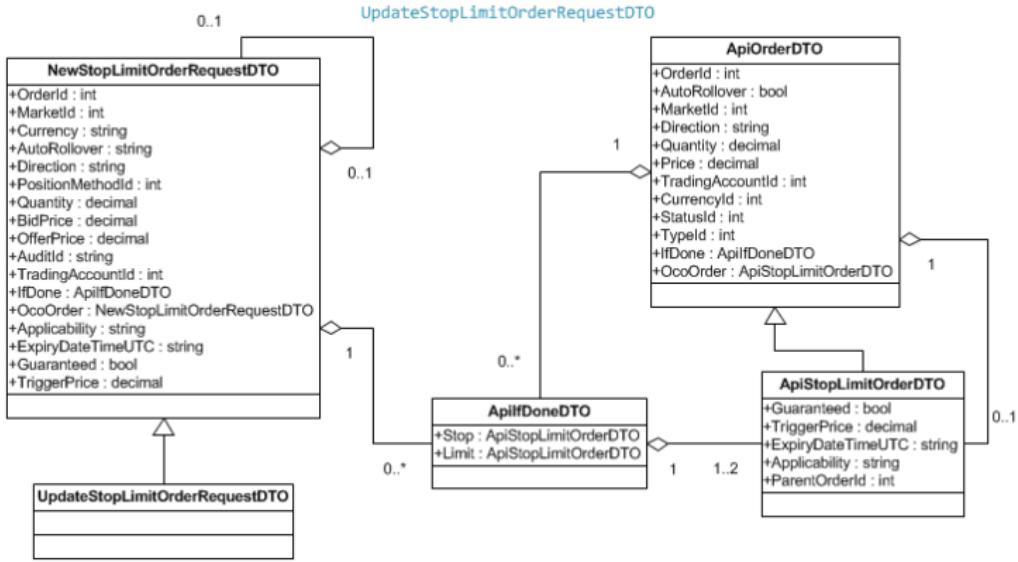


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You are here: [Getting Started](#) > [UML Diagrams](#) > UpdateStopLimitOrderRequestDTO Class Diagram

UpdateStopLimitOrderRequestDTO Class Diagram

The [NewStopLimitOrderRequestDTO](#) is used to send update changes to stop or limit orders. The following is the UML class diagram for this process.



The response is an [ApiTradeOrderResponseDTO](#), which is shown in [ApiTradeOrderResponseDTO Class Diagram](#).

Last updated: 23 June 2022

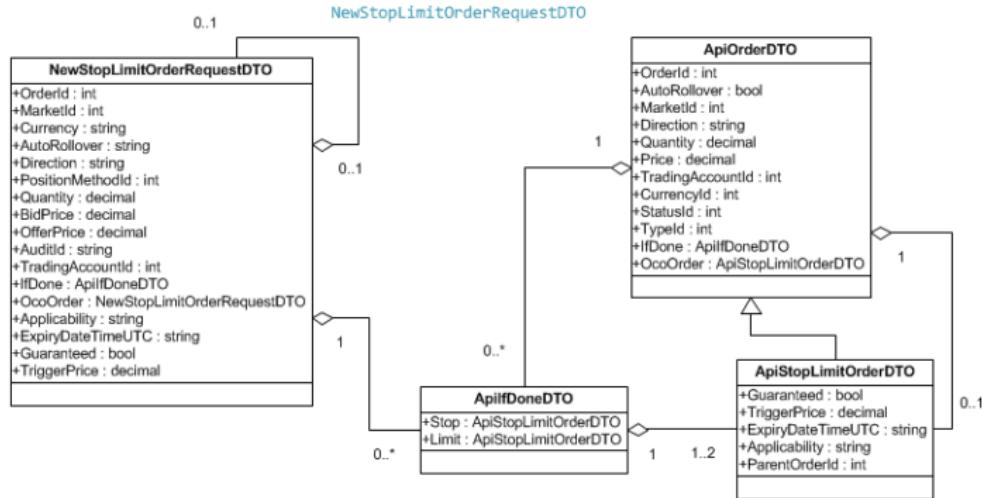


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You are here: [Getting Started](#) > [UML Diagrams](#) > NewStopLimitOrderRequestDTO Class Diagram

NewStopLimitOrderRequestDTO Class Diagram

The [NewStopLimitOrderRequestDTO](#) is used to request new stop or limit orders. The following is the UML class diagram for this process.



The request response is an [ApiTradeOrderResponseDTO](#), which is shown in [ApiTradeOrderResponseDTO Class Diagram](#).

Last updated: 23 June 2022

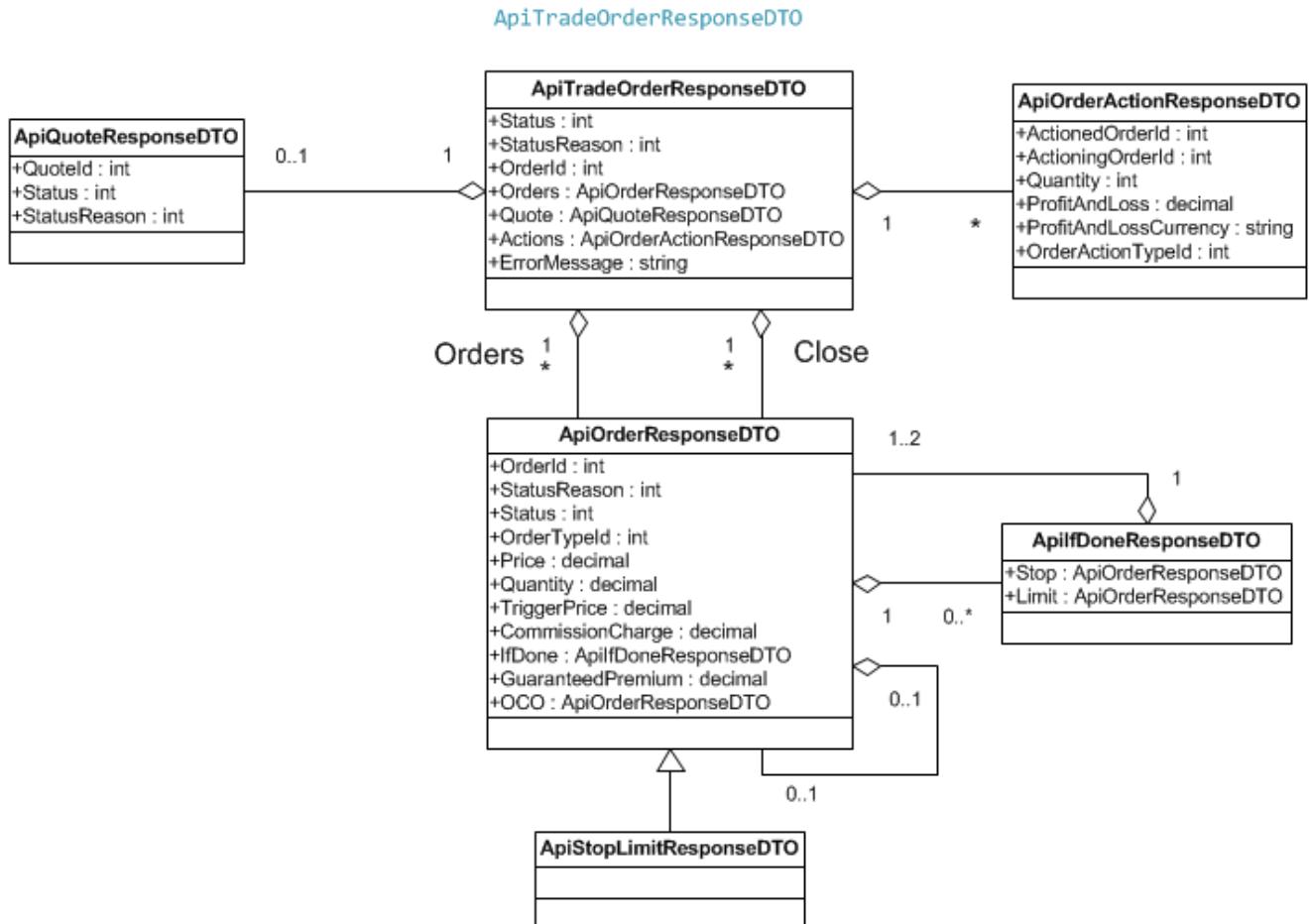


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You are here: [Getting Started](#) > [UML Diagrams](#) > ApiTradeOrderResponseDTO Class Diagram

ApiTradeOrderResponseDTO Class Diagram

The [ApiTradeOrderResponseDTO](#) is the response to trade order related requests. The following is the UML class diagram for this process.



Last updated: 23 June 2022

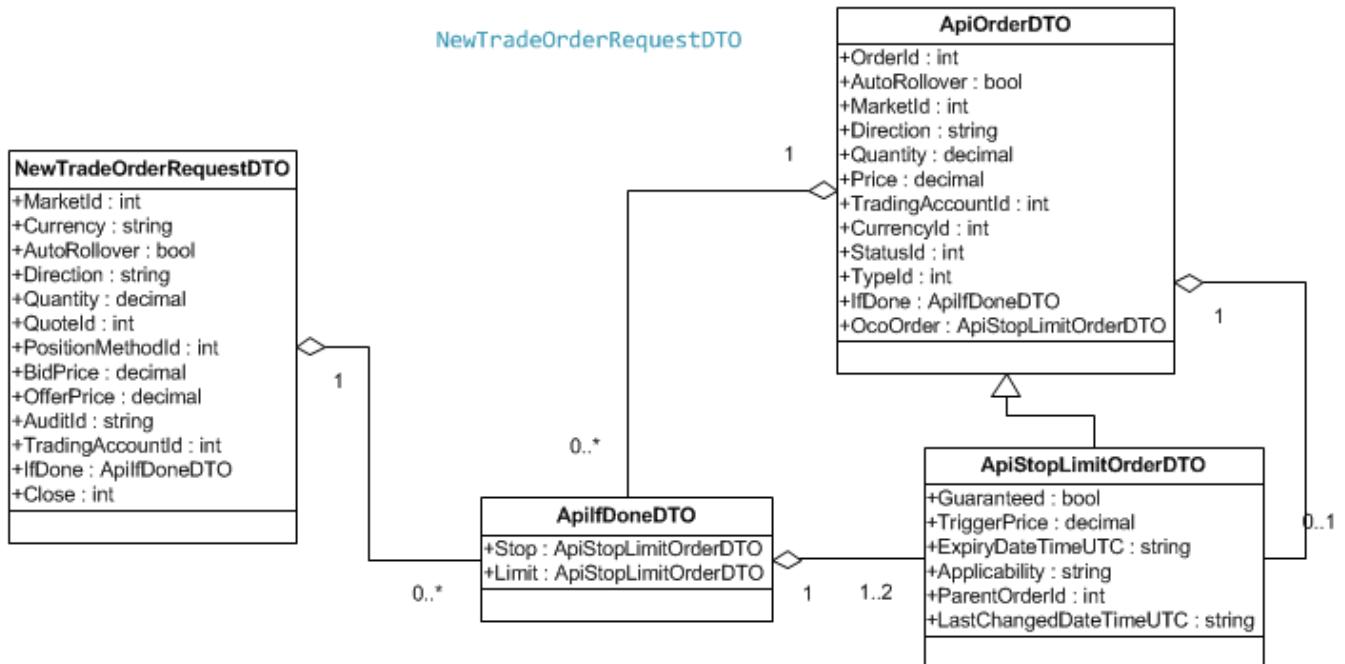


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You are here: [Getting Started](#) > [UML Diagrams](#) > NewTradeOrderRequestDTO Class Diagram

NewTradeOrderRequestDTO Class Diagram

The [NewTradeOrderRequestDTO](#) is used to place a new trade on a market. The following is the UML class diagram for this process.



The corresponding response is [ApiTradeOrderResponseDTO](#) and its class diagram is shown in [ApiTradeOrderResponseDTO Class Diagram](#).

Last updated: 23 June 2022



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You are here: [Getting Started](#) > UML Diagrams

UML Diagrams

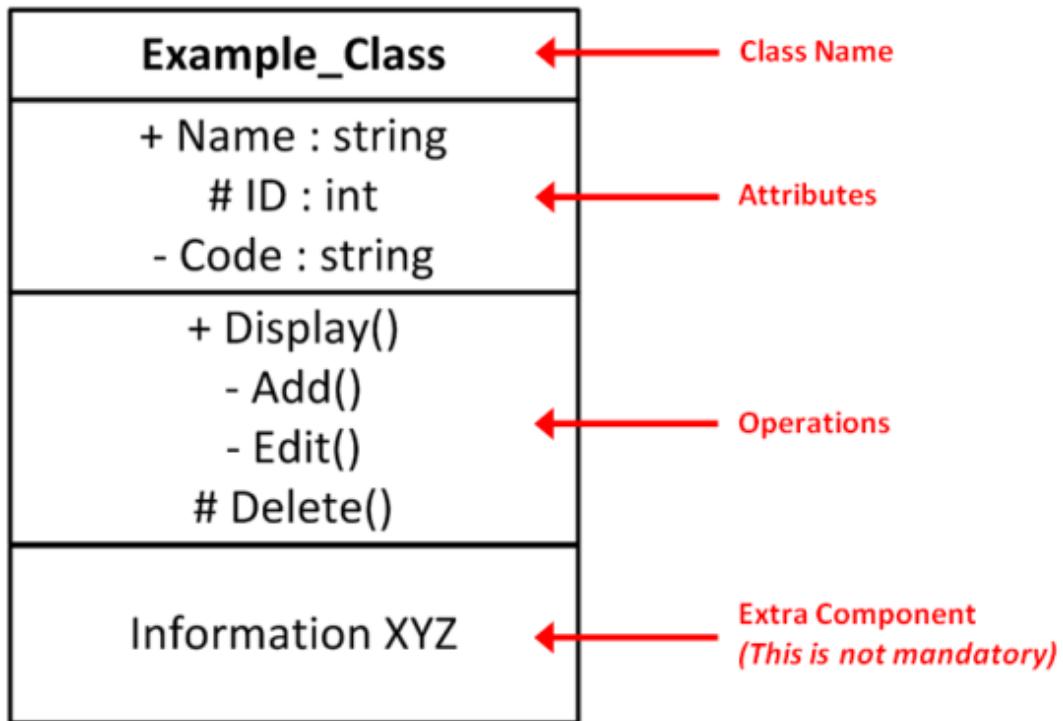
This section shows UML class diagrams for the following:

- [NewTradeOrderRequestDTO Class Diagram](#)
- [ApiTradeOrderResponseDTO Class Diagram](#)
- [CancelOrderRequestDTO Class Diagram](#)
- [NewStopLimitOrderRequestDTO Class Diagram](#)
- [UpdateStopLimitOrderRequestDTO Class Diagram](#)
- [UpdateTradeOrderRequestDTO Class Diagram](#)

Standard UML notation is used in the diagrams and defined as follows.

Class Notation

A UML class diagram is shown in the following image.



It is divided into four sections:

1. First section displays the name of the class. Abstract class names are denoted by italics.
2. Second section shows the attributes of the class.
3. Third section displays the operations performed by the class.
4. Fourth section is optional and is used to show any additional components.

UML Diagrams

Symbol	Description
+	Public
-	Private
#	Protected
~	Package
/	Derived
underline	Static

Connections

Association

An association represents a relationship between instances of two classes and is shown as a simple line between them. An association exists between two classes if an instance of a class must know about the second class in order to perform its function.

Extra text annotation may be added at the ends of an association to further explain the nature of the association. These are known as *role names*.

Aggregation

This is a variant of an association and is more specific. It is an association where one of the classes belongs to a collection. Essentially, an aggregation represents a part-whole or part-of relationship. In UML, it is graphically represented by a hollow diamond shape, pointing to the containing class.

Generalisation

A generalisation indicates an inheritance link connecting a specialised element with a generalised element. For example, indicating that one class is a superclass of another class. In UML, this is represented by a hollow triangle pointing to the superclass **r**.

Multiplicities

Connections are usually annotated with the *multiplicity*. This indicates the number of possible instances for the class that is associated with a single instance of the other class in the connection. Multiplicities are shown as a single number or a number range. The following table shows the common multiplicities used.

Multiplicities	Meaning
0..1	Zero or one instance. The annotation pattern is: $x..y$, meaning x to y instances.
0..*	Unlimited instances. This can also be zero.

You are here: [Getting Started](#) > UML Diagrams

UML Diagrams

Last updated: 23 June 2022



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You are here: CI API Reference > Data Types > ApiClientPreferencesOverriddenSettingsDTO

ApiClientPreferencesOverriddenSettingsDTO

Description

All overridden client preference settings to get.

Properties

Name	Type	Description
Price Tolerance	ApiClientPreferencesOverriddenPriceToleranceDTO	The overridden price tolerance value
MarginFactorPercentage	ApiClientPreferencesOverriddenMarginFactorDTO	The overridden margin factor value

Last updated: 16 March 2023



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