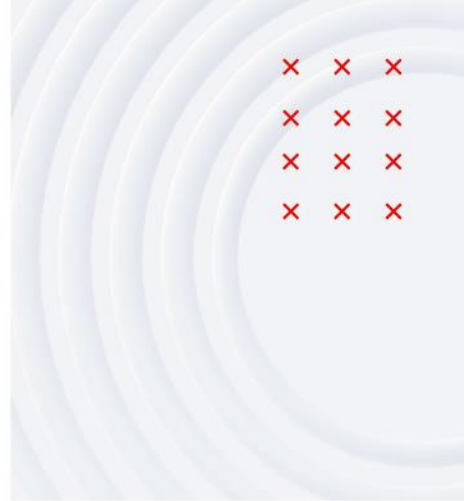




xManager Communications Protocol

v1.109.2



History of document modification:

Date	Version	Description
08.06.2022	1.102.3	New layout doc

Introduction

This document presents information on xManager Server communication protocol.

The communication protocol of the xManager Server uses JSON format.
JSON format used by the server doesn't allow extensions (e.g. comments, other flags).

JSON format standardization document is available under the following link:

RFC 4627: <http://tools.ietf.org/html/rfc4627>

Definitions

The following definitions will be used in this specification document:

simple type: type, which value is itself: int, int64, string, double, bool;
decimal type: the representation of decimal type as a simple string type;
j-value (JSON value): any simple type, j-object or j-array;
j-object (JSON object): a record containing any number of named j-values (pair <string, j-value>);
j-array (JSON array): an array where each element is j-value;
j-subvalue: j-value which is a component of a j-object.

A j-object can contain *zero* elements. A j-array can have *zero* length.
The name of j-value can be an empty string.

Encoding of strings is set to UTF-8. In this format the server sends and receives data.

Definition of unix-time:

Unix time, or POSIX time, is a system for describing points in time, defined as the number of seconds elapsed since midnight Coordinated Universal Time (UTC) of January 1, 1970.

General data format

Each packet consists of exactly one main, unnamed j-value.
The data stream consists of consecutive j-values, with no punctuation.

The main j-value is a j-object containing exactly two j-subvalues which are j-objects.
The first j-object is named *header* and consists of at least a field type as a simple type string. This is a packet type.
The header can also optionally contain a simple type field serial int, including user information, which will be duplicated in a packet header(s) of a direct server response to the sent packet. The purpose of this field is to give a possibility to identify server responds with requests (there may be many requests of the same type simultaneously processed in the server and it is important to associate the responses with the requests). If the request header doesn't contain the field serial, the server doesn't broadcast this field in responses.

The second j-subobject of the main packet j-object is named *data* and its content is specific for a given packet type. The specifications for different types of packages are described in the next chapter.

A sample of properly defined packet in xManager Protocol:

```
{
```

```
"header" : { "type" : "login" }  
"data" : {  
  "login" : "example_manager_name",  
  "password" : "test"  
}  
}
```

Communication with the xManager Server

All communication with xManager Server is SSL encrypted.

ABookAdequacyReportListRequest

Package name:

report abook transactions adequacy new

Permissions:

1. reconciliation_report

Request parameters:

name	type	array	optional	description
<i>account_group_id_list</i>	Integer	x		
<i>from_datetime</i>	Integer			
<i>id_account</i>	Integer			
<i>to_datetime</i>	Integer			
<i>type</i>	Integer		x	

Request response:

name	type	array	optional
<i>abook_transactions_adequacy_list_new</i>	ABookAdequacyReportEntry	x	
<i>result</i>	String		

Example requests:

```
{  
  "header": {  
    "type": "report abook transactions adequacy new",  
    "serial": 1057,  
    "partial": false  
  },  
  "data": {  
    "account_group_id_list": [  
      8069  
    ],  
    "from_datetime": -1,  
  }  
}
```

```
        "to_datetime": 2761199,  
        "type": 1,  
        "id_account": 6004351  
    }  
}
```

Example responses:

```
{  
  "header": {  
    "type": "report abook transactions adequacy new response",  
    "serial": 1057  
  },  
  "data": {  
    "result": "success",  
    "abook_transactions_adequacy_list_new": [  
      {  
        "id_account": 6000333,  
        "id_origin": "1010101",  
        "id_side": 5000,  
        "instrument_name": "test",  
        "id_asset_class": 55,  
        "account_order": {  
          "id_order": 1111111,  
          "mirror_id": 1111111,  
          "execution_id": 1111111,  
          "execution_price": 50.0,  
          "execution_time": 1111111,  
          "side": 1,  
          "filled_nominal": 5.0,  
          "price_diff": 3.0,  
          "price_gain": 2.0  
        },  
        "mirror_orders": [  
          {  
            "id_order": 1111111,  
            "mirror_id": 1111111,  
            "execution_id": 1111111,  
            "execution_price": 50.0,  
            "execution_time": 1111111,  
            "side": 1,  
            "filled_nominal": 5.0,  
            "price_diff": 3.0,  
            "price_gain": 2.0  
          }  
        ]  
      }  
    ],  
    "end_of_batch": true  
  }  
}
```

AMLReportRequest

Package name:

aml report request

Permissions:

1. reports_view

Request parameters:

name	type	array	optional	description
<i>account_id</i>	Integer			
<i>datetime_from</i>	Integer64			
<i>datetime_to</i>	Integer64			

Request response:

name	type	array	optional
<i>aml_report</i>	AMLReport		
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "aml report request",
    "serial": 11597,
    "partial": false
  },
  "data": {
    "account_id": 6048301,
    "datetime_from": 1617919200,
    "datetime_to": 1620597599
  }
}
```

Example responses:

```
{
  "header": {
    "type": "aml report request response",
    "serial": 11597
  },
  "data": {
    "result": "success",
    "aml_report": {
      "account_id": 6048301,
      "currency": "PLN",
      "closed_trades": [],
      "open_positions": [
        {
          "position_id": 19843214,
          "instrument_name": "KGH.PL",

```

```
        "side": 1,  
        "volume": "40.0000",  
        "open_time": 1616575993092,  
        "open_price": "175.85000",  
        "swap": "9.80",  
        "commission": "0.00",  
        "profit": "1766.00",  
        "margin": "0.00",  
        "collateral": "0",  
        "comment": "",  
        "asset_class_id": 9,  
        "open_origin_id": 17,  
        "rollover": "0.00"  
    },  
    {  
        "position_id": 19843212,  
        "instrument_name": "KGH.PL",  
        "side": 1,  
        "volume": "10.0000",  
        "open_time": 1616575980137,  
        "open_price": "176.15000",  
        "swap": "2.45",  
        "commission": "0.00",  
        "profit": "438.50",  
        "margin": "0.00",  
        "collateral": "0",  
        "comment": "",  
        "asset_class_id": 9,  
        "open_origin_id": 17,  
        "rollover": "0.00"  
    }  
],  
"pending_orders": [],  
"report_summary": {  
    "deposit_withdrawal_sum": "0",  
    "credit_facility_sum": "0.00",  
    "closed_trades_profit_sum": "0",  
    "open_positions_profit": "2216.75",  
    "aml_balance": {  
        "balance": "9946065.29",  
        "equity": "9946077.54",  
        "margin": "0.00",  
        "free_margin": "9951565.29",  
        "collateral": "5500.00"  
    }  
}  
},  
"end_of_batch": true  
}  
}
```

AcceptStopoutRequest

Package name:

accept stopout

Permissions:

1. dealer

Request parameters:

name	type	array	optional	description
<i>id_stopout</i>	Integer			

Request response:

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{
  "data": {
    "id_stopout": 7328038
  },
  "header": {
    "serial": 115,
    "type": "accept stopout"
  }
}
```

Example responses:

```
{
  "header": {
    "type": "accept stopout response",
    "serial": 115
  },
  "data": {
    "result": "success",
    "end_of_batch": true
  }
}
```

AccessMirrorAccountListRequest

Package name:

access mirror account list

Request response:

name	type	array	optional
<i>access_mirror_accounts</i>	Integer	x	

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "access mirror account list",
    "serial": 20
  },
  "data": {}
}
```

Example responses:

```
{
  "header": {
    "type": "access mirror account list response",
    "serial": 20
  },
  "data": {
    "result": "success",
    "access_mirror_accounts": [
      6032502,
      6036294,
      6038460,
      6004401,
      6022051,
      6020933,
      6023203,
      6051951,
      6052001,
      6004351,
      6015607,
      6015755,
      6016253,
      6018362
    ],
    "end_of_batch": true
  }
}
```

AccountCreateAccountRightListRequest

Package name:

account create account right list

Request parameters:

name	type	array	optional	description
<i>account_account_right_list</i>	AccountAccountRight	x		

Request response:

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "account create account right list",
    "serial": 6039,
    "partial": false
  },
  "data": {
    "account_account_right_list": [
      {
        "id_account": 6000120,
        "id_account_right": 1
      }
    ]
  }
}
```

Example responses:

```
{
  "header": {
    "type": "account create account right list response",
    "serial": 6039
  },
  "data": {
    "result": "success",
    "end_of_batch": true
  }
}
```

AccountDeleteAccountRightListRequest

Package name:

account delete account right list

Request parameters:

name	type	array	optional	description
<i>account_account_right_list</i>	AccountAccountRight	x		

Request response:

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{
  "header": {
```

```
    "type": "account delete account right list",
    "serial": 6040,
    "partial": false
  },
  "data": {
    "account_account_right_list": [
      {
        "id_account": 6000120,
        "id_account_right": 3
      },
      {
        "id_account": 6000120,
        "id_account_right": 4
      },
      {
        "id_account": 6000120,
        "id_account_right": 5
      },
      {
        "id_account": 6000120,
        "id_account_right": 6
      },
      {
        "id_account": 6000120,
        "id_account_right": 7
      },
      {
        "id_account": 6000120,
        "id_account_right": 8
      }
    ]
  }
}
```

Example responses:

```
{
  "header": {
    "type": "account delete account right list response",
    "serial": 6040
  },
  "data": {
    "result": "success",
    "end_of_batch": true
  }
}
```

AccountGetAccountRightListRequest

Package name:

account get account right list

Request parameters:

name	type	array	optional	description
<i>account</i>	Integer			

Request response:

name	type	array	optional
<i>account_right_list</i>	Integer	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "account get account right list",
    "serial": 2598,
    "partial": false
  },
  "data": {
    "account": 6041402
  }
}
```

Example responses:

```
{
  "header": {
    "type": "account get account right list response",
    "serial": 2598
  },
  "data": {
    "result": "success",
    "account_right_list": [
      9
    ],
    "end_of_batch": true
  }
}
```

AccountGetPersonAccountInfoListRequest - DEPRECATED

Package name:

account get person account info list

Request parameters:

name	type	array	optional	description
<i>id_accounts</i>	Integer	x		

Request response:

name	type	array	optional
<i>person_account_infos</i>	PersonAccountInfo	x	

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "account get person account info list"
  },
  "data": {
    "id_accounts": [
      6026167
    ]
  }
}
```

Example responses:

null

AccountGroupInfoListRequest

This request sends back a list of account groups with their specific info.

Package name:

account group info list

Permissions:

1. client_groups

Request parameters:

name	type	array	optional	description
<i>account_groups</i>	Integer	x		

Request response:

name	type	array	optional
<i>account_groups</i>	AccountGroup	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "account group info list",
    "serial": 70,
    "partial": false
  },
  "data": {
    "account_groups": [
      7063,
      7113
    ]
  }
}
```

```
}  
}
```

Example responses:

```
{  
  "header": {  
    "type": "account group info list response",  
    "serial": 70  
  },  
  "data": {  
    "result": "success",  
    "account_groups": [  
      {  
        "id_group": 7063,  
        "name": "testESPeurBASICjihuiP",  
        "currency": "EUR",  
        "max_trade_nominal": "0",  
        "margin_call_level": 50,  
        "stop_out_level": 30,  
        "id_default_leverage": 6,  
        "max_dma_limit": "20000000",  
        "max_stock_limit": "1000000",  
        "calc_swap": true,  
        "company_unit_id": 1,  
        "trailing_stop": false,  
        "interest_rate": "0.0",  
        "tax": "0.0",  
        "initial_balance": "0.0",  
        "id_freemargin_rule": 1,  
        "id_stopout_mode": 1  
      },  
      {  
        "id_group": 7113,  
        "name": "Krowka",  
        "currency": "EUR",  
        "max_trade_nominal": "0",  
        "margin_call_level": 50,  
        "stop_out_level": 30,  
        "id_default_leverage": 6,  
        "max_dma_limit": "20000000",  
        "max_stock_limit": "1000000",  
        "calc_swap": true,  
        "company_unit_id": 1,  
        "trailing_stop": false,  
        "interest_rate": "0.0",  
        "tax": "0.0",  
        "initial_balance": "0.0",  
        "id_freemargin_rule": 1,  
        "id_stopout_mode": 1  
      }  
    ],  
    "end_of_batch": true  
  }  
}
```

AccountGroupListByUserRequest

This request sends back a list of account groups id for specific user.

Package name:

account group list by user id

Permissions:

1. client_groups

Request parameters:

name	type	array	optional	description
<i>id_user</i>	Integer			

Request response:

name	type	array	optional
<i>account_groups</i>	Integer	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "serial": 100,
    "type": "account group list by user id"
  },
  "data": {
    "id_user": 1
  }
}
```

Example responses:

```
{
  "header": {
    "serial": 100,
    "type": "account group list by user id response"
  },
  "data": {
    "result": "success",
    "account_groups": [
      7063,
      7113,
      7114
    ]
  }
}
```

AccountGroupListFromCompanyUnitRequest

Package name:

account group list from company unit

Permissions:

1. client_groups

Request response:

name	type	array	optional
<i>account_groups</i>	Integer	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "account group list from company unit",
    "serial": 166,
    "partial": false
  },
  "data": {}
}
```

Example responses:

```
{
  "header": {
    "type": "account group list from company unit response",
    "serial": 166
  },
  "data": {
    "result": "success",
    "account_groups": [
      1910,
      4463
    ],
    "end_of_batch": true
  }
}
```

AccountGroupListRequest

Package name:

account group list

Permissions:

1. client_groups

Request response:

name	type	array	optional
<i>account_groups</i>	Integer	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "account group list",
    "serial": 67,
    "partial": false
  },
  "data": {}
}
```

Example responses:

```
{
  "header": {
    "type": "account group list response",
    "serial": 67
  },
  "data": {
    "result": "success",
    "account_groups": [
      7063,
      7113,
      4313,
      5563
    ],
    "end_of_batch": true
  }
}
```

AccountInfoCalcListRequest

Package name:

account info calc list

Request parameters:

name	type	array	optional	description
<i>accounts</i>	Integer	x		

Request response:

name	type	array	optional
<i>accounts_calc</i>	AccountCalc	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "account info calc list",
    "serial": 11389,
    "partial": false
  },
  "data": {
    "accounts": [
      6048301
    ]
  }
}
```

Example responses:

```
{
  "header": {
    "type": "account info calc list response",
    "serial": 11389
  },
  "data": {
    "result": "success",
    "accounts_calc": [
      {
        "id_account": 6048301,
        "balance": "10648408.57",
        "equity": "10648408.57",
        "margin": "0",
        "free_margin": "10648408.57",
        "margin_level": "0",
        "synthetic_stock": "0.00",
        "stock_free_margin": "10648408.57",
        "stock_margin_level": "0",
        "collateral": "0.00",
        "cash_stock_lock": "0",
        "cash_stock_value": "0.00",
        "blocked_nominal_value": "0",
        "total_asset_nominal_value": "0.00"
      }
    ],
    "end_of_batch": true
  }
}
```

AccountInfoListRequest

Package name:

account info list

Request parameters:

name	type	array	optional	description
<i>accounts</i>	Integer	x		

Request response:

name	type	array	optional
<i>accounts</i>	Account	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "account info list",
    "serial": 55,
    "partial": false
  },
  "data": {
    "accounts": [
      6028083,
      6028082
    ]
  }
}
```

Example responses:

```
{
  "header": {
    "type": "account info list response",
    "serial": 55
  },
  "data": {
    "result": "success",
    "accounts": [
      {
        "id_account": 6028083,
        "login_str": "form.test+20191114100238@xtb.com",
        "login": 6028083,
        "name": "TestName",
        "surname": "TestSurname",
        "group": "rusdplseF100",
        "country": "UNITED ARAB EMIRATES",
        "city": "TestCity",
        "currency": "USD",
        "balance": "0.00",
        "credit": "0.00",
        "equity": "0.00",
        "margin": "0",
        "free_margin": "0.00",
        "synthetic_stock": "0.00",
        "regdate": 1573722186,
        "address": "TestStreet, 456/123",

```

```
"state": "",
"zip_code": "78910",
"email": "form.test+20191114100238@xtb.com",
"daily_confirmation": false,
"bank_account": "",
"ref_account": "",
"phone": "+48500500500",
"aggregate_group": "",
"account_status": 4,
"enabled": true,
"trade_enable": false,
"id_number": "",
"margin_level": "0",
"id_leverage": 5,
"id_dma_leverage": 6,
"account_types": [],
"owner_id": 1335742,
"owner_id_list": [
    1335742
],
"stock_free_margin": "0.00",
"stock_margin_level": "0",
"collateral": "0.00",
"cash_stock_lock": "0",
"cash_stock_value": "0.00",
"blocked_nominal_value": "0",
"total_asset_nominal_value": "0.00"
},
{
    "id_account": 6028082,
    "login_str": "bartosz.wanot+de14110959@xtb.com",
    "login": 6028082,
    "name": "test test2",
    "surname": "test",
    "group": "reurgerseF100",
    "country": "GERMANY",
    "city": "test",
    "currency": "EUR",
    "balance": "0.00",
    "credit": "0.00",
    "equity": "0.00",
    "margin": "0",
    "free_margin": "0.00",
    "synthetic_stock": "0.00",
    "regdate": 1573722157,
    "address": "test, test",
    "state": "",
    "zip_code": "test",
    "email": "bartosz.wanot+de14110959@xtb.com",
    "daily_confirmation": false,
    "bank_account": "",
    "ref_account": "",
    "phone": "+48500500500",
    "aggregate_group": "",
```

```
        "account_status": 4,  
        "enabled": true,  
        "trade_enable": false,  
        "id_number": "",  
        "margin_level": "0",  
        "id_leverage": 5,  
        "id_dma_leverage": 6,  
        "account_types": [],  
        "owner_id": 1335700,  
        "owner_id_list": [  
            1335700  
        ],  
        "stock_free_margin": "0.00",  
        "stock_margin_level": "0",  
        "collateral": "0.00",  
        "cash_stock_lock": "0",  
        "cash_stock_value": "0.00",  
        "margin_type": 1,  
        "blocked_nominal_value": "0",  
        "total_asset_nominal_value": "0.00"  
    },  
    ],  
    "end_of_batch": true  
}  
}
```

AccountInstrumentListRequest

Package name:

account instrument list

Request parameters:

name	type	array	optional	description
<i>id_account</i>	Integer			

Request response:

name	type	array	optional
<i>instruments</i>	AccountInstrumentKey	x	
<i>result</i>	String		

Example requests:

```
{  
  "header": {  
    "type": "account instrument list",  
    "serial": 300,  
    "partial": false  
  },  
  "data": {  
    "id_account": 6052001  
  }  
}
```

```
}  
}
```

Example responses:

```
{  
  "header": {  
    "type": "account instrument list response",  
    "serial": 300  
  },  
  "data": {  
    "result": "success",  
    "instruments": [  
      {  
        "id_instrument": 9506,  
        "id_dict_quote": 6,  
        "id_asset_class": 4,  
        "name": "ZZZ.US",  
        "precision": 2,  
        "id_instrument_class": 0,  
        "order_market_distance": 0,  
        "min_lots": "1.00",  
        "max_lots": "100000.00",  
        "step_lots": "100.00",  
        "currency": "USD",  
        "contract_size": 1  
      }  
    ],  
    "end_of_batch": true  
  }  
}
```

AccountInvisibilityStateRequest

Package name:

account visibility state

Request parameters:

name	type	array	optional	description
<i>id_account</i>	Integer			

Request response:

name	type	array	optional
<i>is_invisible</i>	Boolean		
<i>result</i>	String		

Example requests:

```
{  
  "header": {  
    "type": "account visibility state",  
    "serial": 1909,  
  },  
  "data": {  
    "result": "success",  
    "is_invisible": false,  
    "result": "success"  
  }  
}
```

```
        "partial": false
    },
    "data": {
        "id_account": 6000003
    }
}
```

Example responses:

```
{
  "header": {
    "type": "account visibility state response",
    "serial": 1909
  },
  "data": {
    "result": "success",
    "is_invisible": false,
    "end_of_batch": true
  }
}
```

AccountListByAccountGroupListRequest

Package name:

account list by account group list

Request parameters:

name	type	array	optional	description
<i>account group ids</i>	Integer	x		

Request response:

name	type	array	optional
<i>accounts</i>	Integer	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "account list by account group list",
    "serial": 333,
    "partial": false
  },
  "data": {
    "account group ids": [
      12
    ]
  }
}
```

Example responses:

```
{
  "header": {
    "type": "account list by account group list response",
    "serial": 333
  },
  "data": {
    "result": "success",
    "accounts": [
      6000108,
      6000122,
      6000112,
      6000120,
      6000114,
      6000136,
      6001002,
      6000124,
      6000132,
      6000130,
      6000116,
      6000126,
      6000128,
      6000140,
      6000142,
      6000146,
      6000144,
      6000148,
      6000150
    ],
    "end_of_batch": true
  }
}
```

AccountListByNameRequest

Package name:

account list by name

Request parameters:

name	type	array	optional	description
<i>email</i>	String			
<i>login</i>	String			
<i>surname</i>	String			

Request response:

name	type	array	optional
<i>accounts</i>	Integer	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "account list by name",
    "serial": 40
  },
  "data": {
    "surname": "july",
    "login": "",
    "email": ""
  }
}
```

Example responses:

```
{
  "header": {
    "type": "account list by name response",
    "serial": 40
  },
  "data": {
    "result": "success",
    "accounts": [
      6053853
    ],
    "end_of_batch": true
  }
}
```

AccountListRequest

Package name:

account list

Request parameters:

name	type	array	optional	description
<i>fetch_expired</i>	Boolean		x	

Request response:

name	type	array	optional
<i>accounts</i>	Integer	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "account list",
    "serial": 39,
    "partial": false
  },
}
```

```
    "data": {  
      "fetch_expired": false  
    }  
  }  
}
```

Example responses:

```
{  
  "header": {  
    "type": "account list response",  
    "serial": 39  
  },  
  "data": {  
    "result": "success",  
    "accounts": [  
      5999951,  
      6000001,  
      6000002,  
      6000003,  
      6000004,  
      6000005,  
      6000006,  
      6000007,  
      6000008  
    ],  
    "end_of_batch": true  
  }  
}
```

AccountPromotionAssetClassNominalValueByAccountIdListRequest

Package name:

account promotion asset class nominal value by account id list

Permissions:

1. manager_promotion_view

Request parameters:

name	type	array	optional	description
<i>id_account_list</i>	Integer	x		

Request response:

name	type	array	optional
<i>account_promotion_asset_class_nominal_value_list</i>	AccountPromotionAssetClassNominalValue	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "account promotion asset class nominal value by account id list",
    "serial": 11342,
    "partial": false
  },
  "data": {
    "id_account_list": [
      6048301
    ]
  }
}
```

Example responses:

```
{
  "header": {
    "type": "account promotion asset class nominal value by account id list response",
    "serial": 11342
  },
  "data": {
    "result": "success",
    "account_promotion_asset_class_nominal_value_list": [
      {
        "id_account": 6048301,
        "id_person": 1514965,
        "id_asset_class": 9,
        "id_promotion_pattern": 2252,
        "used_promotion_nominal_value_eur": "0.00",
        "revision": 11
      }
    ],
    "end_of_batch": true
  }
}
```

AccountRelationTypeListRequest - DEPRECATED

Package name:

account relation type list

Request response:

name	type	array	optional
<i>account_relation_types</i>	AccountRelationType	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
```

```
    "type": "account relation type list",
    "serial": 20,
    "partial": false
  },
  "data": {}
}
```

Example responses:

```
{
  "header": {
    "type": "account relation type list response",
    "serial": 20
  },
  "data": {
    "result": "Package deprecated",
    "account_relation_types": [],
    "end_of_batch": true
  }
}
```

AccountReportInfoListRequest

Package name:

account report info list

Request parameters:

name	type	array	optional	description
<i>accounts</i>	Integer	x		
<i>from_datetime</i>	Integer			
<i>to_datetime</i>	Integer			

Request response:

name	type	array	optional
<i>accounts_report</i>	AccountReport	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "account report info list",
    "serial": 1804,
    "partial": false
  },
  "data": {
    "from_datetime": 1625781600,
    "to_datetime": 1625867999,
    "accounts": [
      6000003
    ]
  }
}
```

```
}  
}
```

Example responses:

```
{  
  "header": {  
    "type": "account report info list response",  
    "serial": 1804  
  },  
  "data": {  
    "result": "success",  
    "accounts_report": [  
      {  
        "id_account": 6000003,  
        "create_datetime": 1625781600,  
        "name": "Jan",  
        "surname": "Kowalski",  
        "group": "contestPLplnBASIC",  
        "currency": "PLN",  
        "profit_loss": "1000773.08",  
        "balance": "993533570.29",  
        "equity": "994326281.29",  
        "margin": "80053.55",  
        "free_margin": "993500739.86",  
        "synthetic_stock": "0.00",  
        "credit": "111.00",  
        "commission": "-132181.04",  
        "swap": "-206388.42",  
        "stock_margin": "1242076.44",  
        "stock_free_margin": "993453627.74",  
        "collateral": "47112.12",  
        "cash_stock_lock": "",  
        "cash_stock_value": "",  
        "rollover": "8815.04"  
      },  
      {  
        "id_account": 6000003,  
        "create_datetime": 1625816940,  
        "name": "Krzysztof",  
        "surname": "Konrady",  
        "group": "contestPLplnBASIC",  
        "currency": "PLN",  
        "profit_loss": "1005050.96",  
        "balance": "993533570.29",  
        "equity": "994331189.73",  
        "margin": "80053.55",  
        "free_margin": "993500676.81",  
        "synthetic_stock": "0.00",  
        "credit": "111.00",  
        "commission": "-132181.04",  
        "swap": "-206388.42",  
        "stock_margin": "1242082.57",  
        "stock_free_margin": "993453627.74",  
        "collateral": "47049.07",
```

```
        "cash_stock_lock": "1064.42",  
        "cash_stock_value": "7544.11",  
        "rollover": "8815.04"  
    },  
    ],  
    "end_of_batch": true  
}  
}
```

AccountRightListRequest

Package name:

account right list

Request response:

name	type	array	optional
<i>account_rights</i>	AccountRight	x	
<i>result</i>	String		

Example requests:

```
{  
  "header": {  
    "type": "account right list",  
    "serial": 80,  
    "partial": false  
  },  
  "data": {}  
}
```

Example responses:

```
{  
  "header": {  
    "type": "account right list response",  
    "serial": 80  
  },  
  "data": {  
    "result": "success",  
    "account_rights": [  
      {  
        "id_account_right": 1,  
        "name": "ib_account_id_view",  
        "description": "Account ID"  
      },  
      {  
        "id_account_right": 2,  
        "name": "ib_surname_view",  
        "description": "Surname"  
      },  
      {  
        "id_account_right": 3,  
        "name": "ib_nominal_view",  
        "description": "Nominal"  
      }  
    ]  
  }  
}
```

```
        "description": "Nominal"
      },
      {
        "id_account_right": 4,
        "name": "ib_instrument_view",
        "description": "Instrument"
      },
      {
        "id_account_right": 5,
        "name": "ib_side_view",
        "description": "Side"
      },
      {
        "id_account_right": 6,
        "name": "ib_open_price_view",
        "description": "Open Price"
      },
      {
        "id_account_right": 7,
        "name": "ib_close_price_view",
        "description": "Close Price"
      },
      {
        "id_account_right": 8,
        "name": "ib_position_id_view",
        "description": "Position ID"
      },
      {
        "id_account_right": 9,
        "name": "mam_client_logins_view",
        "description": "MAM Client Logins"
      }
    ],
    "end_of_batch": true
  }
}
```

AccountStatusListRequest

Package name:

account status list

Request response:

name	type	array	optional
<i>account_status_list</i>	Dictionary	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "account status list",
```

```
        "serial": 31,  
        "partial": false  
    },  
    "data": {}  
}
```

Example responses:

```
{  
  "header": {  
    "type": "account status list response",  
    "serial": 31  
  },  
  "data": {  
    "result": "success",  
    "account_status_list": [  
      {  
        "id": 1,  
        "name": "Active"  
      },  
      {  
        "id": 2,  
        "name": "Blocked"  
      },  
      {  
        "id": 3,  
        "name": "Expired"  
      },  
      {  
        "id": 4,  
        "name": "No trading"  
      },  
      {  
        "id": 5,  
        "name": "Close only"  
      },  
      {  
        "id": 6,  
        "name": "Expired login available"  
      }  
    ],  
    "end_of_batch": true  
  }  
}
```

AddJournalEntryRequest

Package name:

add journal entry

Request parameters:

name	type	array	optional	description
<i>action</i>	String			
<i>parameters</i>	String			
<i>result</i>	String			

Request response:

name	type	array	optional
<i>result</i>	String		

AllowedMirrorBookTypeListRequest

Package name:

allowed mirror book type list

Request response:

name	type	array	optional
<i>allowed_mirror_book_type</i>	Dictionary	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "allowed mirror book type list",
    "serial": 24,
    "partial": false
  },
  "data": {}
}
```

Example responses:

```
{
  "header": {
    "type": "allowed mirror book type list response",
    "serial": 24
  },
  "data": {
    "result": "success",
    "allowed_mirror_book_type": [
      {
        "id": 1,
        "name": "ALL_BOOKS_ALLOWED"
      },
      {
        "id": 2,
        "name": "ONLY_ABOOK_ALLOWED"
      }
    ]
  }
}
```

```
        "end_of_batch": true
    }
}
```

AssetClassListRequest

Package name:

asset class list

Request response:

name	type	array	optional
<i>asset_class_list</i>	Dictionary	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "asset class list",
    "serial": 8,
    "partial": false
  },
  "data": {}
}
```

Example responses:

```
{
  "header": {
    "type": "asset class list response",
    "serial": 8
  },
  "data": {
    "result": "success",
    "asset_class_list": [
      {
        "id": 1,
        "name": "Forex"
      },
      {
        "id": 2,
        "name": "Commodities"
      },
      {
        "id": 3,
        "name": "Indices"
      },
      {
        "id": 4,
        "name": "Stocks CFD"
      },
      {
        "id": 5,
```

```
        "name": "ETFs CFD"
      },
      {
        "id": 6,
        "name": "Synthetic Stocks"
      },
      {
        "id": 7,
        "name": "Options"
      },
      {
        "id": 8,
        "name": "Cash Indices"
      },
      {
        "id": 9,
        "name": "Cash Stocks"
      },
      {
        "id": 10,
        "name": "Crypto"
      }
    ],
    "end_of_batch": true
  }
}
```

AttachAccountGroupUserRequest

Package name:

attach account group user

Permissions:

- 1. client_groups
- 1. users

Request parameters:

name	type	array	optional	description
<i>account_groups</i>	Integer	x		
<i>id_user</i>	Integer			

Request response:

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "attach account group user",
    "serial": 128,
  }
}
```

```
        "partial": false
    },
    "data": {
        "id_user": 5646,
        "account_groups": [
            23
        ]
    }
}
```

Example responses:

```
{
    "header": {
        "type": "attach account group user response",
        "serial": 128
    },
    "data": {
        "result": "success",
        "end_of_batch": true
    }
}
```

AttachInstrumentClassAccountGroupRequest

Package name:

attach instrument class account group

Permissions:

1. client_groups

Request parameters:

name	type	array	optional	description
<i>account_group</i>	Integer			
<i>commission_pattern</i>	Integer		x	
<i>custom_margin</i>	Decimal		x	
<i>deviation</i>	Integer			
<i>instrument_class</i>	Integer			
<i>lots_step</i>	Decimal			
<i>margin_for_pending</i>	Boolean			
<i>margin_multiplier</i>	Decimal		x	Deprecated, replaced by <i>custom_margin</i>
<i>max_lots</i>	Decimal			
<i>max_nominal_value_eur</i>	Decimal		x	
<i>min_lots</i>	Decimal			
<i>modify_swap_long</i>	Decimal			
<i>modify_swap_short</i>	Decimal			
<i>offer</i>	Integer			

name	type	array	optional	description
<i>spread_modification</i>	Decimal			

Request response:

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "attach instrument class account group",
    "serial": 1
  },
  "data": {
    "account_group": 9663,
    "instrument_class": 366,
    "spread_modification": "0",
    "min_lots": "0.1",
    "max_lots": "0.2",
    "lots_step": "0.1",
    "offer": 1,
    "deviation": 0,
    "modify_swap_short": "0.000000",
    "modify_swap_long": "0.000000",
    "margin_for_pending": false
  }
}
```

Example responses:

```
{
  "header": {
    "type": "attach instrument class account group response",
    "serial": 5436
  },
  "data": {
    "result": "success",
    "end_of_batch": true
  }
}
```

CalculatePositionMarginRequest

Package name:

calc margin

Request parameters:

name	type	array	optional	description
<i>id_account</i>	Integer			
<i>id_asset_class</i>	Integer			

name	type	array	optional	description
<i>id_dict_quote</i>	Integer			
<i>instrument</i>	String			
<i>nominal</i>	String			
<i>price</i>	String			

Request response:

name	type	array	optional
<i>conversion rate</i>	Decimal		
<i>margin</i>	Decimal		
<i>nominal value</i>	Decimal		
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "calc margin",
    "serial": 449,
    "partial": false
  },
  "data": {
    "instrument": "USDPLN",
    "id_dict_quote": 2,
    "id_asset_class": 1,
    "id_account": 6029164,
    "price": "2.00",
    "nominal": "0.01"
  }
}
```

Example responses:

```
{
  "header": {
    "type": "calc margin response",
    "serial": 449
  },
  "data": {
    "result": "success",
    "margin": "4.23",
    "nominal value": "0",
    "conversion rate": "0.846174030208501377339355262850452",
    "end_of_batch": true
  }
}
```

CalculationModeListRequest

Package name:

calculation mode list

Request response:

name	type	array	optional
<i>calculation_mode_list</i>	Dictionary	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "calculation mode list",
    "serial": 29,
    "partial": false
  },
  "data": {}
}
```

Example responses:

```
{
  "header": {
    "type": "calculation mode list response",
    "serial": 29
  },
  "data": {
    "result": "success",
    "calculation_mode_list": [
      {
        "id": 1,
        "name": "Per side"
      },
      {
        "id": 2,
        "name": "Open only"
      },
      {
        "id": 3,
        "name": "Close only"
      }
    ],
    "end_of_batch": true
  }
}
```

CashStockSummaryListRequest

Package name:

cash stock summary list

Request parameters:

name	type	array	optional	description
<i>account_id</i>	Integer			

Request response:

name	type	array	optional
<i>result</i>	String		
<i>summaries</i>	CashStockSummary	x	

Example requests:

```
{
  "header": {
    "type": "cash stock summary list",
    "serial": 11652,
    "partial": false
  },
  "data": {
    "account_id": 6048301
  }
}
```

Example responses:

```
{
  "header": {
    "type": "cash stock summary list response",
    "serial": 11652
  },
  "data": {
    "result": "success",
    "summaries": [
      {
        "instrument_name": "KGH.PL",
        "id_quote": 6,
        "id_asset_class": 9,
        "owned_quantity": "0",
        "current_quantity": "46.0000",
        "blocked_quantity": "0"
      }
    ],
    "end_of_batch": true
  }
}
```

CashStockTransferInRequest

Package name:

cash stock transfer in

Permissions:

1. `make_correction`

Request parameters:

name	type	array	optional	description
<i>comment</i>	String		x	
<i>commission</i>	Decimal		x	
<i>id_account</i>	Integer			
<i>id_asset_class</i>	Integer			
<i>id_dict_quote</i>	Integer			
<i>id_dict_side</i>	Integer			
<i>instrument</i>	String			
<i>nominal</i>	Decimal			
<i>nominal_value</i>	Decimal			
<i>price</i>	Decimal			
<i>swap</i>	Decimal		x	

Request response:

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "cash stock transfer in",
    "serial": 2180,
    "partial": false
  },
  "data": {
    "instrument": "EURGBP",
    "id_dict_quote": 3,
    "id_asset_class": 9,
    "nominal": "1.00",
    "id_account": 6000008,
    "price": "1.00",
    "id_dict_side": 1,
    "nominal_value": "532010.00",
    "comment": "test"
  }
}
```

Example responses:

```
{
  "header": {
    "type": "cash stock transfer in response",
    "serial": 2180
  },
  "data": {
    "result": "success",
    "end_of_batch": true
  }
}
```

CashStockTransferOutRequest

Package name:

cash stock transfer out

Permissions:

1. make_correction

Request parameters:

name	type	array	optional	description
<i>comment</i>	String		x	
<i>id_account</i>	Integer			
<i>id_instrument</i>	Integer			
<i>nominal</i>	Decimal		x	

Request response:

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "cash stock transfer out",
    "serial": 2207,
    "partial": false
  },
  "data": {
    "id_account": 6000008,
    "id_instrument": 8056,
    "comment": "test"
  }
}
```

Example responses:

```
{
  "header": {
    "type": "cash stock transfer out response",
```

```
        "serial": 2207
    },
    "data": {
        "result": "success",
        "end_of_batch": true
    }
}
```

ChangeManagerAccountPasswordRequest

Package name:

change manager account password

Request parameters:

name	type	array	optional	description
<i>login</i>	String			
<i>new_password</i>	String			
<i>old_password</i>	String			

Request response:

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "change manager account password",
    "serial": 482,
    "partial": false
  },
  "data": {
    "login": "testerturk",
    "old_password": "trk123",
    "new_password": "trk1234"
  }
}
```

Example responses:

```
{
  "header": {
    "type": "change manager account password response",
    "serial": 482
  },
  "data": {
    "result": "success",
    "end_of_batch": true
  }
}
```

ChangeOrderStatusRequest

Package name:

change order status

Request parameters:

name	type	array	optional	description
<i>id_order</i>	Integer			
<i>id_status</i>	Integer			

Request response:

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "change order status",
    "serial": 5178,
    "partial": false
  },
  "data": {
    "id_order": 19956059,
    "id_status": 1
  }
}
```

Example responses:

```
{
  "header": {
    "type": "change order status response",
    "serial": 5178
  },
  "data": {
    "result": "success",
    "end_of_batch": true
  }
}
```

CheckAccountPasswordRequest

Package name:

check account password

Request parameters:

name	type	array	optional	description
<i>login</i>	Integer			

name	type	array	optional	description
<i>password</i>	String			

Request response:

name	type	array	optional	
<i>is_correct</i>				
<i>result</i>	String			

CheckPersonPasswordRequest

Package name:

check person password

Request parameters:

name	type	array	optional	description
<i>password</i>	String			
<i>person id</i>	Integer			

ClientCommissionPatternListRequest

Package name:

client commission pattern list

Request response:

name	type	array	optional	
<i>client_commission_patterns</i>	Integer	x		
<i>result</i>	String			

Example requests:

```
{
  "header": {
    "type": "client commission pattern list",
    "serial": 47,
    "partial": false
  },
  "data": {}
}
```

Example responses:

```
{
  "header": {
    "type": "client commission pattern list response",
    "serial": 47
  },
  "data": {
    "result": "success",
  }
}
```

```
        "client_commission_patterns": [  
            251,  
            231,  
            538,  
            7  
        ],  
        "end_of_batch": true  
    }  
}
```

ClosePositionCorrectionRequest

Package name:

close position correction

Permissions:

1. make_correction

Request parameters:

name	type	array	optional	description
<i>id_position</i>	Integer			

Request response:

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{  
    "header": {  
        "type": "close position correction",  
        "serial": 3964,  
        "partial": false  
    },  
    "data": {  
        "id_position": 19956002  
    }  
}
```

Example responses:

```
{  
    "header": {  
        "type": "close position correction response",  
        "serial": 3964  
    },  
    "data": {  
        "result": "success",  
        "end_of_batch": true  
    }  
}
```

ClosePositionRequest

Package name:

close position

Request parameters:

name	type	array	optional	description
<i>comment</i>	String		x	
<i>id_person</i>	Integer		x	
<i>id_position</i>	Integer64			
<i>nominal</i>	Decimal			
<i>price</i>	Decimal			

Request response:

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "close position",
    "serial": 535,
    "partial": false
  },
  "data": {
    "id_position": 19963270,
    "nominal": "50.0",
    "price": "1.17949",
    "comment": "Click & Trade"
  }
}
```

Example responses:

```
{
  "header": {
    "type": "close position response",
    "serial": 535
  },
  "data": {
    "result": "success",
    "end_of_batch": true
  }
}
```

ClosedTradeIDListRequest

Package name:

closed trade id list

Request parameters:

name	type	array	optional	description
<i>accounts</i>	Integer	x		
<i>from_datetime</i>	Integer			
<i>to_datetime</i>	Integer			

Request response:

name	type	array	optional
<i>closed trade ids</i>	Integer	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "closed trade id list",
    "serial": 211,
    "partial": true
  },
  "data": {
    "from_datetime": 1626127200,
    "to_datetime": 1626213599,
    "accounts": [
      6051951
    ]
  }
}
```

Example responses:

```
{
  "header": {
    "type": "closed trade id list response",
    "serial": 211
  },
  "data": {
    "result": "success",
    "closed trade ids": [
      1101248
    ],
    "endOfBatch": true,
    "end_of_batch": true
  }
}
```

ClosedTradeListRequest

Package name:

closed trade list

Request parameters:

name	type	array	optional	description
<i>accounts</i>	Integer	x	x	
<i>closed trades</i>	Integer	x	x	
<i>from_datetime</i>	Integer		x	
<i>to_datetime</i>	Integer		x	

Request response:

name	type	array	optional
<i>closed_trades</i>	ClosedTrade	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "closed trade list",
    "serial": 212,
    "partial": true
  },
  "data": {
    "closed trades": [
      1101248
    ]
  }
}
```

Example responses:

```
{
  "header": {
    "type": "closed trade list response",
    "serial": 212
  },
  "data": {
    "result": "success",
    "closed_trades": [
      {
        "instrument": "SAN1.ES",
        "id_account": 6051951,
        "id_dict_quote": 6,
        "id_instrument": 7656,
        "side": "BUY",
        "nominal": "1.0000",
        "id_closed_trade": 1101248,

```

```
        "id_position": 19953871,  
        "open_id_order": 19954055,  
        "close_id_order": 19954853,  
        "open_time": 1625836656771,  
        "open_price": "3.13300",  
        "nominal_value": "914.33",  
        "close_time": 1626173700679,  
        "close_price": "3.13000",  
        "swap": "0.00",  
        "commission": "0.00",  
        "profit_loss": "0.00",  
        "comment": "",  
        "currency": "PLN",  
        "name": "Jan",  
        "surname": "Kowalski",  
        "group_name": "contestPLplnDEPTH_28052021",  
        "id_order_origin": 17,  
        "id_close_order_origin": 5,  
        "asset_class": 9,  
        "open_conversion_rate": "4.56000",  
        "close_conversion_rate": "4.56000",  
        "rollover": "0.00"  
    }  
],  
"endOfBatch": true,  
"end_of_batch": true  
}  
}
```

CommissionPatternInfoListRequest

Package name:

commission pattern info list

Request parameters:

name	type	array	optional	description
<i>commission_patterns</i>	Integer	x		

Request response:

name	type	array	optional
<i>commission_patterns</i>	CommissionPattern	x	
<i>result</i>	String		

Example requests:

```
{  
  "header": {  
    "type": "commission pattern info list",  
    "serial": 55,  
    "partial": false  
  },  
}
```

```
"data": {
  "commission_patterns": [
    251,
    612,
    263,
    144,
    7
  ]
}
```

Example responses:

```
{
  "header": {
    "type": "commission pattern info list response",
    "serial": 55
  },
  "data": {
    "result": "success",
    "commission_patterns": [
      {
        "id_commission_pattern": 251,
        "id_dict_commission_type": 1,
        "name": "60% Equity CFD EUR XSPOT",
        "id_currency": 5,
        "calc_mode": 1,
        "id_main_commission": 0,
        "id_dict_commission": 2,
        "transaction_value": "0.0600",
        "min_value": "6.00",
        "id_dict_commission_daytrading": 2,
        "transaction_value_daytrading": "0.0600",
        "min_value_daytrading": "6.00"
      },
      {
        "id_commission_pattern": 612,
        "id_dict_commission_type": 1,
        "name": "0.25% per side FXPT GBP",
        "id_currency": 6,
        "calc_mode": 1,
        "id_main_commission": 0,
        "id_dict_commission": 2,
        "transaction_value": "0.2500",
        "min_value": "8.00",
        "id_dict_commission_daytrading": 2,
        "transaction_value_daytrading": "0.2500",
        "min_value_daytrading": "8.00"
      },
      {
        "id_commission_pattern": 263,
        "id_dict_commission_type": 1,
        "name": "25 USD per side",
        "id_currency": 15,
        "calc_mode": 1,

```

```
        "id_main_commission": 0,  
        "id_dict_commission": 1,  
        "transaction_value": "25.0000"  
    },  
    {  
        "id_commission_pattern": 144,  
        "id_dict_commission_type": 1,  
        "name": "1 USD per side",  
        "id_currency": 15,  
        "calc_mode": 1,  
        "id_main_commission": 0,  
        "id_dict_commission": 1,  
        "transaction_value": "1.0000"  
    },  
    {  
        "id_commission_pattern": 7,  
        "id_dict_commission_type": 1,  
        "name": "Equity CFD CZK",  
        "id_currency": 4,  
        "calc_mode": 1,  
        "id_main_commission": 0,  
        "id_dict_commission": 2,  
        "transaction_value": "0.2500",  
        "min_value": "400.00",  
        "id_dict_commission_daytrading": 2,  
        "transaction_value_daytrading": "0.2500",  
        "min_value_daytrading": "400.00"  
    }  
],  
"end_of_batch": true  
}  
}
```

CommissionPatternListRequest

Package name:

commission pattern list

Request response:

name	type	array	optional
<i>commission_patterns</i>	Integer	x	
<i>result</i>	String		

Example requests:

```
{  
  "header": {  
    "type": "commission pattern list",  
    "serial": 322,  
    "partial": false  
  },  
}
```

```
    "data": {}  
}
```

Example responses:

```
{  
  "header": {  
    "type": "commission pattern list response",  
    "serial": 322  
  },  
  "data": {  
    "result": "success",  
    "commission_patterns": [  
      251,  
      681,  
      120  
    ],  
    "end_of_batch": true  
  }  
}
```

CompanyUnitInfoListRequest

Package name:

company unit info list

Request parameters:

name	type	array	optional	description
<i>company_units</i>	Integer	x		

Request response:

name	type	array	optional
<i>company_unit_infos</i>	CompanyUnit	x	
<i>result</i>	String		

Example requests:

```
{  
  "header": {  
    "type": "company unit info list",  
    "serial": 50,  
    "partial": false  
  },  
  "data": {  
    "company_units": [  
      99,  
      94  
    ]  
  }  
}
```

Example responses:

```
{
  "header": {
    "type": "company unit info list response",
    "serial": 50
  },
  "data": {
    "result": "success",
    "company_unit_infos": [
      {
        "id": 99,
        "name": "City Prime FX"
      },
      {
        "id": 94,
        "name": "Roche Finance"
      }
    ],
    "end_of_batch": true
  }
}
```

CompanyUnitListRequest

Package name:

company unit list

Request response:

name	type	array	optional
<i>company_units</i>	Integer	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "company unit list",
    "serial": 23,
    "partial": false
  },
  "data": {}
}
```

Example responses:

```
{
  "header": {
    "type": "company unit list response",
    "serial": 23
  },
  "data": {
    "result": "success",
  }
}
```

```
        "company_units": [  
            99,  
            94,  
            3,  
            4,  
            57  
        ],  
        "end_of_batch": true  
    }  
}
```

ConfigureSessionRequest

Package name:

configure session

Request parameters:

name	type	array	optional	description
<i>compression</i>	Boolean		x	
<i>separator</i>	Boolean		x	

Request response:

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{  
    "header": {  
        "type": "configure session",  
        "serial": 1,  
        "partial": false  
    },  
    "data": {  
        "compression": true  
    }  
}
```

Example responses:

```
{  
    "header": {  
        "type": "configure session response",  
        "serial": 1  
    },  
    "data": {  
        "result": "success",  
        "end_of_batch": true  
    }  
}
```

CopyInstrumentGroupAccountGroupRequest

Package name:

copy instrument group account group

Permissions:

1. client_groups

Request parameters:

name	type	array	optional	description
<i>dest_account_group_id</i>	Integer			
<i>src_account_group_id</i>	Integer			

Request response:

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "serial": 50,
    "type": "copy instrument group account group"
  },
  "data": {
    "src_account_group_id": 20,
    "dest_account_group_id": 99
  }
}
```

Example responses:

```
{
  "header": {
    "type": "copy instrument group account group response",
    "serial": 50
  },
  "data": {
    "result": "success",
    "end_of_batch": true
  }
}
```

CorrectionLedgerOperationRequest

Package name:

correction ledger operation

Permissions:

1. make_correction

Request parameters:

name	type	array	optional	description
<i>comment</i>	String			
<i>commission</i>	String			
<i>id_closed_trade</i>	Integer32			
<i>profit</i>	String			
<i>rollover</i>	Decimal			
<i>swap</i>	String			

Request response:

name	type	array	optional
<i>order ledger</i>	CorrectionLedgerOperation		
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "correction ledger operation",
    "serial": 818,
    "partial": false
  },
  "data": {
    "id_closed_trade": 1101556,
    "profit": "-2.50",
    "swap": "0.00",
    "rollover": "0.00",
    "commission": "-86.17",
    "comment": "test"
  }
}
```

Example responses:

```
{
  "header": {
    "type": "correction ledger operation response",
    "serial": 818
  },
  "data": {
    "result": "success",
    "order ledger": {
      "id_closed_trade": 1101556,
      "swap": "0.00",
      "rollover": "0.00",
      "profit": "-2.50",
      "commission": "-86.17",
      "comment": "test"
    },
    "end_of_batch": true
  }
}
```

```
}  
}
```

CountryListRequest

Package name:

country list

Request response:

name	type	array	optional
<i>countries</i>	Country	x	
<i>result</i>	String		

Example requests:

```
{  
  "header": {  
    "type": "country list",  
    "serial": 11,  
    "partial": false  
  },  
  "data": {}  
}
```

Example responses:

```
{  
  "header": {  
    "type": "country list response",  
    "serial": 11  
  },  
  "data": {  
    "result": "success",  
    "countries": [  
      {  
        "id_country": 0,  
        "name": "ANDORRA",  
        "code": "AD"  
      },  
      {  
        "id_country": 252,  
        "name": "ZIMBABWE",  
        "code": "ZW"  
      }  
    ],  
    "end_of_batch": true  
  }  
}
```

CreateAccessMirrorAccountRequest

Package name:

create access mirror account

Request parameters:

name	type	array	optional	description
<i>id_account</i>	Integer			

Request response:

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "create access mirror account",
    "serial": 13
  },
  "data": {
    "id_account": 6035459
  }
}
```

Example responses:

```
{
  "header": {
    "type": "create access mirror account response",
    "serial": 13
  },
  "data": {
    "result": "success",
    "end_of_batch": true
  }
}
```

CreateAccountGroupRequest

Package name:

create account group

Permissions:

1. client_groups

Request parameters:

name	type	array	optional	description
<i>account_validity_period</i>	Integer64		x	

name	type	array	optional	description
<i>calc_swap</i>	Boolean			
<i>currency</i>	String			
<i>expiration_mode</i>	Integer		x	
<i>id_default_leverage</i>	Integer			
<i>id_mirror_account</i>	Integer		x	
<i>id_mirror_book</i>	Integer		x	
<i>id_mirror_mode</i>	Integer		x	
<i>id_stopout_mode</i>	Integer		x	
<i>margin_call_level</i>	Integer			
<i>max_dma_limit</i>	String			
<i>max_stock_limit</i>	String			
<i>max_trade_nominal</i>	String			
<i>name</i>	String			
<i>stop_out_level</i>	Integer			
<i>trailing_stop</i>	Boolean		x	

Request response:

name	type	array	optional
<i>id_account_group</i>	Integer		
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "create account group",
    "serial": 104,
    "partial": false
  },
  "data": {
    "id_group": 0,
    "name": "testbetece",
    "currency": "BTC",
    "max_trade_nominal": "1",
    "margin_call_level": 50,
    "stop_out_level": 30,
    "id_stopout_mode": 1,
    "trailing_stop": false,
    "id_default_leverage": 6,
    "id_mirror_account": 6004401,
    "max_dma_limit": "1000000.0",
    "max_stock_limit": "1000000.0",
    "calc_swap": true,
    "id_mirror_mode": 2,
    "id_mirror_book": 1,
    "account_validity_period": 0
  }
}
```

```
}  
}
```

Example responses:

```
{  
  "header": {  
    "type": "create account group response",  
    "serial": 104  
  },  
  "data": {  
    "result": "success",  
    "id_account_group": 9563,  
    "end_of_batch": true  
  }  
}
```

CreateAccountInfoRequest

Package name:

create account info

Request parameters:

name	type	array	optional	description
<i>account_status</i>	Integer		x	
<i>account_types</i>	Integer	x		
<i>address</i>	String			
<i>bank_account</i>	String		x	
<i>city</i>	String			
<i>country</i>	String			
<i>email</i>	String			
<i>enabled</i>	Boolean		x	
<i>group</i>	String			
<i>id_dma_Leverage</i>	Integer		x	
<i>id_ib_account</i>	Integer		x	
<i>id_Leverage</i>	Integer		x	
<i>id_mam_account</i>	Integer		x	
<i>id_master_ib_account</i>	Integer		x	
<i>id_number</i>	String			
<i>is_gross</i>	Boolean			Deprecated, replaced by <i>margin_type</i>
<i>margin_type</i>	Integer		x	
<i>name</i>	String			
<i>password</i>	String			
<i>phone</i>	String			
<i>ref_account</i>	String		x	

name	type	array	optional	description
<i>state</i>	String			
<i>surname</i>	String			
<i>trade_enable</i>	Boolean		x	
<i>zip_code</i>	String			

Request response:

name	type	array	optional
<i>id_account</i>	Integer		
<i>id_person</i>	Integer		
<i>login</i>	String		
<i>password</i>	String		
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "create account info",
    "serial": 138,
    "partial": false
  },
  "data": {
    "name": "testowyacc",
    "surname": "july",
    "group": "xDirectB",
    "city": "Gotham",
    "address": "Volcano 9",
    "country": "ANDORRA",
    "zip_code": "11-000",
    "state": "Moon",
    "phone": "500500509",
    "account_status": 1,
    "email": "",
    "bank_account": "acc",
    "ref_account": "",
    "id_number": "999999999",
    "daily_confirmation": false,
    "aggregate_group": "",
    "id_leverage": 6,
    "account_types": [],
    "account_status": 1,
    "password": "123456",
    "margin_type": 1
  }
}
```

Example responses:

```
{
  "header": {
```

```
        "type": "create account info response",  
        "serial": 138  
    },  
    "data": {  
        "result": "success",  
        "id_account": 6053853,  
        "id_person": 1548479,  
        "login": 6053853,  
        "password": "123456",  
        "end_of_batch": true  
    }  
}
```

CreateCommissionPatternRequest

Creates commission pattern with specific types (IB or CLIENT). You can set currency and calculation mode. Commission on account group are taken based on commission pattern.

Package name:

create commission pattern

Request parameters:

name	type	array	optional	description
<i>calc_mode</i>	Integer		x	
<i>id_currency</i>	Integer			
<i>id_dict_commission</i>	Integer			
<i>id_dict_commission_daytrading</i>	Integer		x	
<i>id_dict_commission_type</i>	Integer			
<i>min_value</i>	Decimal		x	
<i>min_value_daytrading</i>	Decimal		x	
<i>name</i>	String			
<i>transaction_value</i>	Decimal		x	
<i>transaction_value_daytrading</i>	Decimal		x	

Request response:

name	type	array	optional
<i>id_commission_pattern</i>	Integer		
<i>result</i>	String		

Example requests:

```
{  
    "header": {  
        "type": "create commission pattern",  
        "serial": 126,  
        "partial": false  
    },  
    "data": {
```

```
    "id_dict_commission_type": 1,  
    "name": "Testpattern",  
    "id_currency": 5,  
    "id_dict_commission": 1,  
    "transaction_value": "1.00",  
    "min_value": "0.50",  
    "id_dict_commission_daytrading": 2,  
    "transaction_value_daytrading": "1.0",  
    "min_value_daytrading": "0.5",  
    "calc_mode": 1  
  }  
}
```

Example responses:

```
{  
  "header": {  
    "type": "create commission pattern response",  
    "serial": 126  
  },  
  "data": {  
    "result": "success",  
    "id_commission_pattern": 4080,  
    "end_of_batch": true  
  }  
}
```

CreateDictRightRoleRequest

Package name:

create dict right role

Permissions:

1. roles_access_rights

Request parameters:

name	type	array	optional	description
<i>dict_rights</i>	Integer	x		
<i>id_role</i>	Integer			

Request response:

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{  
  "header": {  
    "type": "create dict right role",  
    "serial": 175,  
    "partial": false  
  },  
}
```

```
"data": {
  "id_role": 4065,
  "dict_rights": [
    6,
    7
  ]
}
```

Example responses:

```
{
  "header": {
    "type": "create dict right role response",
    "serial": 175
  },
  "data": {
    "result": "success",
    "end_of_batch": true
  }
}
```

CreateIbCommissionListRequest

Package name:

create ib commission list

Request parameters:

name	type	array	optional	description
<i>ib_commissions</i>	IbCommission	x		

Request response:

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "create ib commission list",
    "serial": 222
  },
  "data": {
    "ib_commissions": [
      {
        "id_account_root": 6054223,
        "id_account_group": 5,
        "id_instrument_class": 10,
        "id_commission_pattern": 1
      }
    ]
  }
}
```

```
}  
}
```

Example responses:

```
{  
  "header": {  
    "type": "create ib commission list response",  
    "serial": 222  
  },  
  "data": {  
    "result": "success",  
    "end_of_batch": true  
  }  
}
```

CreateIbCommissionPatternRequest

Creates commission pattern for ib. You can use this only with *id_dict_commission_type* set to 2 (IB). If CLIENT type or for more information, see *creates commission pattern*.

Package name:

create ib commission pattern

Request parameters:

name	type	array	optional	description
<i>calc_mode</i>	Integer		x	
<i>id_currency</i>	Integer			
<i>id_dict_commission</i>	Integer			
<i>id_dict_commission_daytrading</i>	Integer		x	
<i>id_dict_commission_type</i>	Integer			
<i>min_value</i>	Decimal		x	
<i>min_value_daytrading</i>	Decimal		x	
<i>name</i>	String			
<i>transaction_value</i>	Decimal		x	
<i>transaction_value_daytrading</i>	Decimal		x	

Request response:

name	type	array	optional
<i>id_commission_pattern</i>	Integer		
<i>result</i>	String		

Example requests:

```
{  
  "header": {  
    "type": "create ib commission pattern",  
    "serial": 126,  
  },  
}
```

```
    "partial": false
  },
  "data": {
    "id_dict_commission_type": 1,
    "name": "anothertestpattern",
    "id_currency": 5,
    "id_dict_commission": 1,
    "transaction_value": "1.00",
    "min_value": "0.50",
    "id_dict_commission_daytrading": 2,
    "transaction_value_daytrading": "1.0",
    "min_value_daytrading": "0.5",
    "calc_mode": 1
  }
}
```

Example responses:

```
{
  "header": {
    "type": "create ib commission pattern response",
    "serial": 126
  },
  "data": {
    "result": "success",
    "id_commission_pattern": 4181,
    "end_of_batch": true
  }
}
```

CreateOrderRequest

Package name:

create order

Permissions:

1. place_order

Request parameters:

name	type	array	optional	description
<i>activation_price</i>	Decimal		x	
<i>cash_quantity</i>	Decimal		x	
<i>comment</i>	String			
<i>id_asset_class</i>	Integer			
<i>id_instrument</i>	Integer			
<i>id_person</i>	Integer		x	If not set, takes first from assigned
<i>id_quote</i>	Integer			
<i>instrument_name</i>	String			
<i>login</i>	Integer			

name	type	array	optional	description
<i>nominal</i>	Decimal		x	
<i>order_type</i>	String			"market", "limit"
<i>price</i>	Decimal		x	
<i>side</i>	String			"buy", "sell"
<i>sl</i>	Decimal		x	
<i>tp</i>	Decimal		x	
<i>trailing_offset</i>	Integer		x	

Request response:

name	type	array	optional
<i>id_order</i>	Integer64		
<i>open_price</i>	Decimal		
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "create order",
    "serial": 689,
    "partial": false
  },
  "data": {
    "login": 6052001,
    "side": "buy",
    "order_type": "limit",
    "id_instrument": 8306,
    "id_quote": 6,
    "id_asset_class": 4,
    "instrument_name": "11B.PL",
    "nominal": "1",
    "comment": "",
    "price": "510.00",
    "tp": "513.00",
    "sl": "508.00",
    "id_person": 1
  }
}
```

Example responses:

```
{
  "header": {
    "type": "create order response",
    "serial": 689
  },
  "data": {
    "result": "success",
    "id_order": 19955653,
    "open_price": "510.00",
  }
}
```

```
    "end_of_batch": true  
  }  
}
```

CreatePersonAccountInfoRequest

Package name:

create person account info

Permissions:

1. create_account

Request parameters:

name	type	array	optional	description
<i>account_group</i>	String		x	Optional only if <i>idAccountGroup</i> is set
<i>account_status</i>	Integer		x	
<i>account_types</i>	Integer	x		
<i>bank_account</i>	String		x	One of 'idAccountGroup' and 'accountGroup' must be set
<i>enabled</i>	Boolean		x	
<i>id_account_group</i>	Integer		x	
<i>id_dma_Leverage</i>	Integer		x	
<i>id_ib_account</i>	Integer		x	
<i>id_Leverage</i>	Integer		x	
<i>id_mam_account</i>	Integer		x	Deprecated, replaced by <i>margin_type</i>
<i>id_master_ib_account</i>	Integer		x	
<i>id_number</i>	String			
<i>id_person</i>	Integer			Required additional <i>account_tax_rate_settings</i> permission
<i>is_gross</i>	Boolean			
<i>margin_type</i>	Integer			
<i>ref_account</i>	String		x	Required additional <i>account_tax_rate_settings</i> permission
<i>tax_rate_w8ben</i>	Integer		x	
<i>trade_enable</i>	Boolean		x	

Request response:

name	type	array	optional
<i>currency</i>	String		
<i>id_account</i>	Integer		
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "create person account info",
    "serial": 122,
    "partial": false
  },
  "data": {
    "id_account_group": 1442,
    "account_group": "EUR TF Fix Consortium",
    "id_person": 1301557,
    "account_status": 1,
    "bank_account": "123123",
    "ref_account": "",
    "id_number": "111111111112",
    "id_leverage": 6,
    "account_types": [],
    "margin_type": 1
  }
}
```

Example responses:

```
{
  "header": {
    "type": "create person account info response",
    "serial": 1
  },
  "data": {
    "result": "success",
    "id_account": 6054057,
    "currency": "EUR",
    "end_of_batch": true
  }
}
```

CreateRoleRequest

Package name:

create user role

Permissions:

1. roles_access_rights

Request parameters:

name	type	array	optional	description
<i>description</i>	String			
<i>id_role</i>	Integer		x	
<i>name</i>	String			

Request response:

name	type	array	optional
<i>id_role</i>	Integer		
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "create user role",
    "serial": 173,
    "partial": false
  },
  "data": {
    "name": "ROLA1100_7",
    "description": "ROLA1100_7"
  }
}
```

Example responses:

```
{
  "header": {
    "type": "create user role response",
    "serial": 173
  },
  "data": {
    "result": "success",
    "id_role": 4065,
    "end_of_batch": true
  }
}
```

CreateUserInfoRequest

Package name:

create user info

Permissions:

- users

Request parameters:

name	type	array	optional	description
<i>login</i>	String			
<i>name</i>	String			
<i>password</i>	String			
<i>role</i>	Integer			
<i>surname</i>	String			

Request response:

name	type	array	optional
<i>id_user</i>	Integer		
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "create user info",
    "serial": 325,
    "partial": false
  },
  "data": {
    "name": "testing",
    "surname": "guy",
    "login": "guy123",
    "password": "123guy",
    "role": 4
  }
}
```

Example responses:

```
{
  "header": {
    "type": "create user info response",
    "serial": 325
  },
  "data": {
    "result": "success",
    "id_user": 5738,
    "end_of_batch": true
  }
}
```

CurrencyIdListRequest

Package name:

currency id list

Request response:

name	type	array	optional
<i>currency_ids</i>	Integer	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "currency id list",
    "serial": 46,
```

```
        "partial": false
    },
    "data": {}
}
```

Example responses:

```
{
  "header": {
    "type": "currency id list response",
    "serial": 46
  },
  "data": {
    "result": "success",
    "currency_ids": [
      1,
      2,
      3,
      4,
      5,
      6
    ],
    "end_of_batch": true
  }
}
```

CurrencyListRequest

Package name:

currency list

Request parameters:

name	type	array	optional	description
<i>currency_ids</i>	Integer	x	x	

Request response:

name	type	array	optional
<i>currencies</i>	Currency	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "currency list",
    "serial": 54,
    "partial": false
  },
  "data": {
    "currency_ids": [
      1,
      2,
```

```
    3  
  ]  
}  
}
```

Example responses:

```
{  
  "header": {  
    "type": "currency list response",  
    "serial": 56  
  },  
  "data": {  
    "result": "success",  
    "currencies": [  
      {  
        "id_dict_currency": 1,  
        "name": "AUD"  
      },  
      {  
        "id_dict_currency": 2,  
        "name": "CAD"  
      },  
      {  
        "id_dict_currency": 3,  
        "name": "CHF"  
      }  
    ],  
    "end_of_batch": true  
  }  
}
```

DeleteAccessMirrorAccountRequest

Package name:

delete access mirror account

Request parameters:

name	type	array	optional	description
<i>id_account</i>	Integer			

Request response:

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{  
  "header": {  
    "type": "delete access mirror account",  
    "serial": 17  
  },  
}
```

```
"data": {  
  "id_account": 6035459  
}  
}
```

Example responses:

```
{  
  "header": {  
    "type": "delete access mirror account response",  
    "serial": 17  
  },  
  "data": {  
    "result": "success",  
    "end_of_batch": true  
  }  
}
```

DeleteAccountGroupRequest

Package name:

delete account group

Permissions:

1. client_groups

Request parameters:

name	type	array	optional	description
<i>id_account_group</i>	Integer			

Request response:

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{  
  "header": {  
    "type": "delete account group",  
    "serial": 193,  
    "partial": false  
  },  
  "data": {  
    "id_account_group": 9563  
  }  
}
```

Example responses:

```
{  
  "header": {  
    "type": "delete account group response",  
    "serial": 193  
  }  
}
```

```
    },  
    "data": {  
        "result": "success",  
        "end_of_batch": true  
    }  
}
```

DeleteDictRightRoleRequest

Package name:

delete dict right role

Permissions:

1. roles_access_rights

Request parameters:

name	type	array	optional	description
<i>dict_rights</i>	Integer	x		
<i>id_role</i>	Integer			

Request response:

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{  
  "header": {  
    "type": "delete dict right role",  
    "serial": 294,  
    "partial": false  
  },  
  "data": {  
    "id_role": 4065,  
    "dict_rights": [  
      6  
    ]  
  }  
}
```

Example responses:

```
{  
  "header": {  
    "type": "delete dict right role response",  
    "serial": 294  
  },  
  "data": {  
    "result": "success",  
    "end_of_batch": true  
  }  
}
```

DeleteOrderRequest

Package name:

delete order

Permissions:

1. place_order

Request parameters:

name	type	array	optional	description
<i>id_order</i>	Integer64			

Request response:

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "delete order",
    "serial": 155,
    "partial": false
  },
  "data": {
    "id_order": 19962722
  }
}
```

Example responses:

```
{
  "header": {
    "type": "delete order response",
    "serial": 155
  },
  "data": {
    "result": "success",
    "end_of_batch": true
  }
}
```

DeleteRoleRequest

Package name:

delete user role

Permissions:

1. roles_access_rights

Request parameters:

name	type	array	optional	description
<i>id_role</i>	Integer			

Request response:

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "delete user role",
    "serial": 133,
    "partial": false
  },
  "data": {
    "id_role": 3916
  }
}
```

Example responses:

```
{
  "header": {
    "type": "delete user role response",
    "serial": 133
  },
  "data": {
    "result": "success",
    "end_of_batch": true
  }
}
```

DeleteUserInfoRequest

Package name:

delete user info

Permissions:

1. users

Request parameters:

name	type	array	optional	description
<i>id_user</i>	Integer			

Request response:

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "delete user info",
    "serial": 379,
    "partial": false
  },
  "data": {
    "id_user": 5738
  }
}
```

Example responses:

```
{
  "header": {
    "type": "delete user info response",
    "serial": 379
  },
  "data": {
    "result": "success",
    "end_of_batch": true
  }
}
```

DetachAccountGroupUserRequest

Package name:

detach account group user

Permissions:

- 1. client_groups
- 1. users

Request parameters:

name	type	array	optional	description
<i>account_groups</i>	Integer	x		
<i>id_user</i>	Integer			

Request response:

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "detach account group user",
    "serial": 2020,
    "partial": false
  },
}
```

```
"data": {  
  "id_user": 5247,  
  "account_groups": [  
    12  
  ]  
}
```

Example responses:

```
{  
  "header": {  
    "type": "detach account group user response",  
    "serial": 2020  
  },  
  "data": {  
    "result": "success",  
    "end_of_batch": true  
  }  
}
```

DetachInstrumentGroupAccountGroupRequest

Package name:

detach instrument group account group

Permissions:

1. client_groups

Request parameters:

name	type	array	optional	description
<i>account_group</i>	Integer			
<i>instrument_class</i>	Integer			

Request response:

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{  
  "header": {  
    "type": "detach instrument group account group",  
    "serial": 1867,  
    "partial": false  
  },  
  "data": {  
    "account_group": 109,  
    "instrument_class": 51  
  }  
}
```

Example responses:

```
{
  "header": {
    "type": "detach instrument group account group response",
    "serial": 1867
  },
  "data": {
    "result": "success",
    "end_of_batch": true
  }
}
```

ExecutionListRequest

Package name:

execution list

Request parameters:

name	type	array	optional	description
<i>accounts</i>	Integer	x	x	
<i>executions</i>	Integer	x	x	
<i>from_datetime</i>	Integer		x	
<i>to_datetime</i>	Integer		x	

Request response:

name	type	array	optional
<i>executions</i>	Execution	x	
<i>result</i>	String		
<i>valid from</i>	Integer		
<i>valid to</i>	Integer		

Example requests:

```
{
  "header": {
    "type": "execution list",
    "serial": 149,
    "partial": false
  },
  "data": {
    "from_datetime": 1626213600,
    "to_datetime": 1626256800,
    "accounts": [
      6037107
    ]
  }
}
```

Example responses:

```
{
  "header": {
    "type": "execution list response",
    "serial": 149
  },
  "data": {
    "result": "success",
    "executions": [
      {
        "id_execution": 13552745,
        "id_order": 19955057,
        "nominal": "10.0000",
        "comment": "Click & Trade",
        "price": "1.17861",
        "side": "BUY",
        "instrument": "EURUSD",
        "id_dict_quote": 3,
        "login": 6037107,
        "group": "testXFSOLusdPRO",
        "currency": "EUR",
        "datetime": 1626239791043,
        "user_login": "",
        "asset_class": 1,
        "dict_executor_id": 3,
        "conversion_rate": "1.00000000000000000000"
      }
    ],
    "end_of_batch": true
  }
}
```

ExecutionPositionListRequest

Package name:

execution position list

Request parameters:

name	type	array	optional	description
<i>execution_id</i>	Integer64		x	
<i>position_id</i>	Integer64		x	

Request response:

name	type	array	optional
<i>execution_positions</i>	ExecutionPosition	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "execution position list",
    "serial": 260,
    "partial": false
  },
  "data": {
    "execution_id": 13552745
  }
}
```

Example responses:

```
{
  "header": {
    "type": "execution position list response",
    "serial": 260
  },
  "data": {
    "result": "success",
    "execution_positions": [
      {
        "id_execution_position": 1211127,
        "id_execution": 13552745,
        "id_position": 19955413,
        "nominal": "10.0000",
        "id_dict_position_status": 1
      }
    ],
    "end_of_batch": true
  }
}
```

ExecutionSettlementDateUpdateByOrderRequest

Date of transaction settlement can be changed.

Package name:

execution settlement date update by order

Permissions:

1. make_correction

Request parameters:

name	type	array	optional	description
<i>execution_date_begin</i>	Integer64			
<i>execution_date_end</i>	Integer64			
<i>orders</i>	Integer64	x		
<i>settlement_date</i>	Integer64			

Request response:

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "execution settlement date update by order",
    "serial": 1
  },
  "data": {
    "settlement_date": 1629108000000,
    "orders": [
      19985054
    ],
    "execution_date_begin": 1629110005000,
    "execution_date_end": 1629153205000
  }
}
```

Example responses:

```
{
  "header": {
    "type": "execution settlement date update response",
    "serial": 1
  },
  "data": {
    "result": "success"
  }
}
```

ExecutionSettlementDateUpdateRequest

Package name:

execution settlement date update

Permissions:

1. make_correction

Request parameters:

name	type	array	optional	description
<i>executions</i>	Integer64	x		
<i>settlement_date</i>	Integer64			

Example requests:

```
{
  "header": {
    "type": "execution settlement date update",
    "serial": 232,
  }
}
```

```
        "partial": false
    },
    "data": {
        "settlement_date": 1626213600000,
        "executions": [
            13552745
        ]
    }
}
```

Example responses:

```
{
  "header": {
    "type": "execution settlement date update response",
    "serial": 232
  },
  "data": {
    "result": "success",
    "end_of_batch": true
  }
}
```

ExecutorNameListRequest

Package name:

executor name list

Request response:

name	type	array	optional
<i>executor_names</i>	Dictionary	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "executor name list",
    "serial": 28,
    "partial": false
  },
  "data": {}
}
```

Example responses:

```
{
  "header": {
    "type": "executor name list response",
    "serial": 28
  },
  "data": {
    "result": "success",
  }
}
```

```
"executor_names": [  
  {  
    "id": 0,  
    "name": "PANIC"  
  },  
  {  
    "id": 1,  
    "name": "STANDARD"  
  },  
  {  
    "id": 2,  
    "name": "BASIC"  
  },  
  {  
    "id": 3,  
    "name": "PRO"  
  },  
  {  
    "id": 4,  
    "name": "DMA"  
  },  
  {  
    "id": 5,  
    "name": "FXCM"  
  },  
  {  
    "id": 6,  
    "name": "FXI"  
  },  
  {  
    "id": 7,  
    "name": "INTEGRAL"  
  },  
  {  
    "id": 8,  
    "name": "GUARDMARK"  
  },  
  {  
    "id": 9,  
    "name": "CAPITALTRUST"  
  },  
  {  
    "id": 10,  
    "name": "DMA_FIX"  
  },  
  {  
    "id": 12,  
    "name": "DMA_OMS"  
  },  
  {  
    "id": 13,  
    "name": "MARKET"  
  },  
]
```

```
    "id": 14,  
    "name": "PRO COB"  
  },  
  {  
    "id": 15,  
    "name": "STP COB"  
  },  
  {  
    "id": 16,  
    "name": "IF COB"  
  },  
  {  
    "id": 17,  
    "name": "STD MARKET COB"  
  },  
  {  
    "id": 18,  
    "name": "MATCH_TRADE"  
  },  
  {  
    "id": 19,  
    "name": "IF_ONE_COB"  
  },  
  {  
    "id": 20,  
    "name": "MATCH_TRADE_TWO"  
  },  
  {  
    "id": 21,  
    "name": "MATCH_TRADE_THREE"  
  },  
  {  
    "id": 22,  
    "name": "CASH_STOCK_S"  
  },  
  {  
    "id": 26,  
    "name": "XEXCHANGE"  
  },  
  {  
    "id": 27,  
    "name": "MATCH_TRADE_FIVE"  
  },  
  {  
    "id": 28,  
    "name": "CASH_STOCK_KBC_CYPRUS"  
  },  
  {  
    "id": 100,  
    "name": "STOPOUT"  
  },  
  {  
    "id": 101,  
    "name": "MIRROR"
```

```
    },  
    {  
      "id": 102,  
      "name": "DEALER"  
    },  
    {  
      "id": 103,  
      "name": "SOCIAL"  
    },  
    {  
      "id": 104,  
      "name": "AUTO"  
    },  
    {  
      "id": 105,  
      "name": "INFINITYPRO"  
    }  
  ],  
  "end_of_batch": true  
}  
}
```

ExecutorOrderListRequest

Package name:

executor order list

Permissions:

1. dealer

Request response:

name	type	array	optional
<i>executor_orders</i>	ExecutorOrder	x	
<i>result</i>	String		

Example requests:

```
{  
  "header": {  
    "type": "executor order list",  
    "serial": 48,  
    "partial": false  
  },  
  "data": {}  
}
```

Example responses:

```
{  
  "header": {  
    "type": "executor order list response",  
    "serial": 48  
  }  
}
```

```
    },  
    "data": {  
        "result": "success",  
        "executor_orders": [],  
        "end_of_batch": true  
    }  
}
```

FindMamMasterOrderListRequest

Package name:

mam master order list

Request parameters:

name	type	array	optional	description
<i>from_datetime</i>	Integer			
<i>id_account</i>	Integer			
<i>to_datetime</i>	Integer			

Request response:

name	type	array	optional
<i>orders</i>	Order	x	
<i>result</i>	String		

Example requests:

```
{  
    "header": {  
        "type": "mam master order list",  
        "serial": 44  
    },  
    "data": {  
        "id_account": 6002203,  
        "from_datetime": 0,  
        "to_datetime": 1627077599  
    }  
}
```

Example responses:

```
{  
    "header": {  
        "type": "mam master order list response",  
        "serial": 44  
    },  
    "data": {  
        "result": "success",  
        "orders": [  
            {  
                "id_order": 19963775,  
                "login": 6054306,  

```

```
        "name": "Test",
        "surname": "Test",
        "group": "rplnplsedF100",
        "nominal": "0.5000",
        "order_type": "market",
        "order_status": "filled",
        "filled_nominal": "0.5000",
        "open_time": 1627033597444,
        "price": "1.08368",
        "expiry_time": 0,
        "margin": "0.00",
        "order_origin": "xStation 5",
        "side": "SELL",
        "id_account": 6054306,
        "instrument": "EURCHF",
        "id_dict_quote": 2,
        "comment_clnt": "",
        "comment_sys": "Close All",
        "execution_time": 1627033597473,
        "tpSlPositionId": 0,
        "id_position": 19963902,
        "id_dict_position_reference": 3,
        "slippage": 0,
        "asset_class": 1,
        "nominal_value": "0.00",
        "person_id": 1536973
    },
    ],
    "end_of_batch": true
}
```

FindOrdersByHedgeAccountRequest

Package name:

order report by hedge account

Request parameters:

name	type	array	optional	description
<i>dict_id_origin</i>	Integer	x		
<i>from_datetime</i>	Integer			
<i>id_account</i>	Integer			
<i>to_datetime</i>	Integer			

Request response:

name	type	array	optional
<i>orders</i>	Order	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "order report by hedge account",
    "serial": 66
  },
  "data": {
    "id_account": 6004351,
    "from_datetime": 0,
    "to_datetime": 1627029136,
    "dict_id_origin": [
      1
    ]
  }
}
```

Example responses:

```
{
  "header": {
    "type": "order report by hedge account response",
    "serial": 66
  },
  "data": {
    "result": "success",
    "orders": [
      {
        "id_order": 19963775,
        "login": 6054306,
        "name": "Test",
        "surname": "Test",
        "group": "rpInplsedF100",
        "nominal": "0.5000",
        "order_type": "market",
        "order_status": "filled",
        "filled_nominal": "0.5000",
        "open_time": 1627033597444,
        "price": "1.08368",
        "expiry_time": 0,
        "margin": "0.00",
        "order_origin": "xStation 5",
        "side": "SELL",
        "id_account": 6054306,
        "instrument": "EURCHF",
        "id_dict_quote": 2,
        "comment_clnt": "",
        "comment_sys": "Close All",
        "execution_time": 1627033597473,
        "tpSlPositionId": 0,
        "id_position": 19963902,
        "id_dict_position_reference": 3,
        "slippage": 0,
        "asset_class": 1,
        "nominal_value": "0.00",

```

```
        "person_id": 1536973
    },
    ],
    "end_of_batch": true
}
}
```

GroupListRequest

Package name:

group list

Request response:

name	type	array	optional
<i>groups</i>	Group	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "group list",
    "serial": 10,
    "partial": false
  },
  "data": {}
}
```

Example responses:

```
{
  "header": {
    "type": "group list response",
    "serial": 10
  },
  "data": {
    "result": "success",
    "groups": [
      {
        "id_group": 1821,
        "name": ".",
        "currency": "CLP",
        "max_trade_nominal": "0",
        "margin_call_level": 50,
        "stop_out_level": 30,
        "automation_allowed": false,
        "default_leverage_id": 6,
        "interest_rate": "0.0",
        "tax": "0.0",
        "initial_balance": "0.0",
        "freemargin_rule": "",
        "is_salesforce": false,
        "trailing_stop": false,

```

```
        "company_unit_id": 1
    },
    {
        "id_group": 1269,
        "name": "1",
        "currency": "USD",
        "max_trade_nominal": "999999999",
        "margin_call_level": 50,
        "stop_out_level": 30,
        "automation_allowed": false,
        "default_leverage_id": 6,
        "interest_rate": "0.0",
        "tax": "0.0",
        "initial_balance": "0.0",
        "freemargin_rule": "",
        "mirror_book_type": 2,
        "is_salesforce": false,
        "trailing_stop": false,
        "company_unit_id": 79
    }
],
"end_of_batch": true
}
```

IBLedgerDetailsListRequest

Package name:

ib ledger details list

Request parameters:

name	type	array	optional	description
<i>id_account</i>	Integer		x	
<i>id_account_list</i>	Integer	x	x	
<i>range_from</i>	Integer			
<i>range_to</i>	Integer			

Request response:

name	type	array	optional
<i>ib_ledger_details</i>	IBLedgerDetails	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "ib ledger details list",
    "serial": 763,
    "partial": false
  },
}
```

```
"data": {
  "range_from": 1625090400,
  "range_to": 1626818399,
  "id_account_list": [
    6000008
  ]
}
```

Example responses:

```
{
  "header": {
    "type": "ib ledger details list response",
    "serial": 763
  },
  "data": {
    "result": "success",
    "ib_ledger_details": [
      {
        "account_id": 6000008,
        "account_ib": 6001004,
        "surname": "Test",
        "nominal": "0.5000",
        "ledger_nominal": "1.00",
        "instrument_name": "GOLD",
        "asset_class": 2,
        "side": 1,
        "open_price": "1817.96000",
        "close_price": "1817.96000",
        "position_id": 19958360,
        "comment": "",
        "create_time": 1626441790,
        "type": "ib commission"
      },
      {
        "account_id": 6000008,
        "account_ib": 6001004,
        "surname": "Test",
        "nominal": "1.0000",
        "ledger_nominal": "1.00",
        "instrument_name": "USDJPY",
        "asset_class": 1,
        "side": 1,
        "open_price": "110.78000",
        "close_price": "110.85000",
        "position_id": 19940278,
        "comment": "",
        "create_time": 1625486731,
        "type": "ib commission"
      },
      {
        "account_id": 6000008,
        "account_ib": 6001004,
        "surname": "Test",
```

```
        "nominal": "0.5000",
        "ledger_nominal": "1.00",
        "instrument_name": "GBPUSD",
        "asset_class": 1,
        "side": 1,
        "open_price": "1.38555",
        "close_price": "1.38515",
        "position_id": 19944301,
        "comment": "",
        "create_time": 1625486756,
        "type": "ib commission"
    },
    {
        "account_id": 60000008,
        "account_ib": 6001004,
        "surname": "Test",
        "nominal": "0.1000",
        "ledger_nominal": "1.00",
        "instrument_name": "EURUSD",
        "asset_class": 1,
        "side": 2,
        "open_price": "1.18397",
        "close_price": "1.18252",
        "position_id": 19944701,
        "comment": "",
        "create_time": 1625640596,
        "type": "ib commission"
    }
],
"end_of_batch": true
}
```

IbAccountListRequest

Package name:

ib account list

Request response:

name	type	array	optional
<i>accounts</i>	Integer	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "ib account list",
    "serial": 43,
    "partial": false
  },
}
```

```
    "data": {}  
}
```

Example responses:

```
{  
  "header": {  
    "type": "ib account list response",  
    "serial": 43  
  },  
  "data": {  
    "result": "success",  
    "accounts": [  
      6017959,  
      6025053,  
      6003101  
    ],  
    "end_of_batch": true  
  }  
}
```

IbCommissionListRequest

Package name:

ib commission list

Request parameters:

name	type	array	optional	description
<i>ib_account</i>	Integer			

Request response:

name	type	array	optional
<i>ib_commission_list</i>	IbCommission	x	
<i>result</i>	String		

Example requests:

```
{  
  "header": {  
    "type": "ib commission list",  
    "serial": 2066,  
    "partial": false  
  },  
  "data": {  
    "ib_account": 6029252  
  }  
}
```

Example responses:

```
{  
  "header": {  
    "type": "ib commission list response",
```

```
        "serial": 2066
    },
    "data": {
        "result": "success",
        "ib_commission_list": [
            {
                "id_account_root": 6029252,
                "id_account_group": 1124,
                "id_instrument_class": 152,
                "id_commission_pattern": 562
            }
        ],
        "end_of_batch": true
    }
}
```

IbCommissionPatternListRequest

Package name:

ib commission pattern list

Request response:

name	type	array	optional
<i>ib_commission_patterns</i>	Integer	x	
<i>result</i>	String		

Example requests:

```
{
    "header": {
        "type": "ib commission pattern list",
        "serial": 373,
        "partial": false
    },
    "data": {}
}
```

Example responses:

```
{
    "header": {
        "type": "ib commission pattern list response",
        "serial": 373
    },
    "data": {
        "result": "success",
        "ib_commission_patterns": [
            1882,
            615,
            564,
            725,
            2180
        ],
    }
}
```

```
        "end_of_batch": true
    }
}
```

IbFilterAccountListRequest

Package name:

ib filter account list

Request parameters:

name	type	array	optional	description
<i>id_account</i>	Integer			

Request response:

name	type	array	optional
<i>accounts</i>	Integer	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "ib filter account list",
    "serial": 33
  },
  "data": {
    "id_account": 6000017
  }
}
```

Example responses:

```
{
  "header": {
    "type": "ib filter account list response",
    "serial": 33
  },
  "data": {
    "result": "success",
    "accounts": [
      6066066
    ],
    "end_of_batch": true
  }
}
```

IbMasterAccountListRequest

Package name:

ib master account list

Request response:

name	type	array	optional
<i>accounts</i>	Integer	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "ib master account list",
    "serial": 30
  },
  "data": {}
}
```

Example responses:

```
{
  "header": {
    "type": "ib master account list response",
    "serial": 30
  },
  "data": {
    "result": "success",
    "accounts": [
      6000016
    ],
    "end_of_batch": true
  }
}
```

IbMasterFilterIbAccountListRequest

Package name:

ib master filter ib account list

Request parameters:

name	type	array	optional	description
<i>id_account</i>	Integer			

Request response:

name	type	array	optional
<i>accounts</i>	Integer	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "ib master filter ib account list",
    "serial": 50
  }
}
```

```
    },  
    "data": {  
      "id_account": 1018379  
    }  
  }  
}
```

Example responses:

```
{  
  "header": {  
    "type": "ib master filter ib account list response",  
    "serial": 50  
  },  
  "data": {  
    "result": "success",  
    "accounts": [  
      1010101  
    ],  
    "end_of_batch": true  
  }  
}
```

InstrumentClassInfoFilteredListRequest - DEPRECATED

Package name:

instrument class info filtered list

Request response:

name	type	array	optional
<i>instrument_classes</i>	InstrumentClass	x	
<i>result</i>	String		

Example requests:

```
{  
  "header": {  
    "type": "instrument class info filtered list",  
    "serial": 45  
  },  
  "data": {}  
}
```

Example responses:

```
{  
  "header": {  
    "type": "instrument class info filtered list response",  
    "serial": 45  
  },  
  "data": {  
    "result": "success",  
    "instrument_classes": [  
      {  
        "id_account": 1018379  
      }  
    ]  
  }  
}
```

```
        "id_instrument_class": 1136,  
        "name": "EU50cash"  
    },  
    ],  
    "end_of_batch": true  
}  
}
```

InstrumentClassInfoListRequest

Package name:

instrument class info list

Request parameters:

name	type	array	optional	description
<i>instrument_classes</i>	Integer	x		

Request response:

name	type	array	optional
<i>instrument_classes</i>	InstrumentClass	x	
<i>result</i>	String		

Example requests:

```
{  
  "header": {  
    "type": "instrument class info list",  
    "serial": 321,  
    "partial": false  
  },  
  "data": {  
    "instrument_classes": [  
      2,  
      5,  
      7,  
      9  
    ]  
  }  
}
```

Example responses:

```
{  
  "header": {  
    "type": "instrument class info list response",  
    "serial": 321  
  },  
  "data": {  
    "result": "success",  
    "instrument_classes": [  
      {  
        "id_instrument_class": 2,  
        "name": "EU50cash",  
        "id_instrument": 1136,  
        "id_instrument_class": 1136,  
        "name": "EU50cash"  
      }  
    ]  
  }  
}
```

```
        "name": "Indices FL"
      },
      {
        "id_instrument_class": 5,
        "name": "Precious Metals FL"
      },
      {
        "id_instrument_class": 7,
        "name": "Majors FL"
      },
      {
        "id_instrument_class": 9,
        "name": "CFD Margin"
      }
    ],
    "end_of_batch": true
  }
}
```

InstrumentClassInstrumentListRequest

Package name:

instrument class instruments list

Request response:

name	type	array	optional
<i>instrument classes</i>	InstrumentClassInstruments	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "instrument class instruments list",
    "serial": 403,
    "partial": false
  },
  "data": {}
}
```

Example responses:

```
{
  "header": {
    "type": "instrument class instruments list response",
    "serial": 403
  },
  "data": {
    "result": "success",
    "instrument classes": [
      {
        "id_instrument_class": 1,
        "instruments": [
```

```
        "USDPLN",
        "CHFPLN",
        "GBPPLN",
        "EURPLN",
        "USDCZK",
        "EURCZK",
        "USDSEK",
        "EURSEK",
        "USDNOK",
        "EURNOK",
        "EURHUF",
        "USDHUF",
        "USDRON",
        "EURRON",
        "USDCLP",
        "CHFHUF",
        "USDBRL",
        "USDILS"
    ],
},
{
    "id_instrument_class": 2,
    "instruments": [
        "YHOO.US",
        "PZU.PL"
    ]
},
{
    "id_instrument_class": 5,
    "instruments": [
        "GOLD",
        "SILVER",
        "PLATINUM"
    ]
},
{
    "id_instrument_class": 7,
    "instruments": [
        "USDCHF",
        "GBPUSD",
        "USDJPY"
    ]
}
],
"end_of_batch": true
}
```

InstrumentClassListFromCompanyUnitRequest

Package name:

instrument class list from company unit

Request response:

name	type	array	optional
<i>instrument_classes</i>	Integer	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "instrument class list from company unit",
    "serial": 323,
    "partial": false
  },
  "data": {}
}
```

Example responses:

```
{
  "header": {
    "type": "instrument class list from company unit response",
    "serial": 323
  },
  "data": {
    "result": "success",
    "instrument_classes": [
      2,
      5,
      7,
      9
    ],
    "end_of_batch": true
  }
}
```

InstrumentClassListRequest

Package name:

instrument class list

Request parameters:

name	type	array	optional	description
<i>id_group</i>	Integer		x	

Request response:

name	type	array	optional
<i>instrument_classes</i>	Integer	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "instrument class list",
    "serial": 1375,
    "partial": false
  },
  "data": {
    "id_group": 495
  }
}
```

Example responses:

```
{
  "header": {
    "type": "instrument class list response",
    "serial": 1372
  },
  "data": {
    "result": "success",
    "instrument_classes": [
      490,
      492
    ],
    "end_of_batch": true
  }
}
```

InstrumentGroupAccountGroupListRequest

Package name:

instrument group account group list

Permissions:

1. client_groups

Request parameters:

name	type	array	optional	description
<i>group_id</i>	Integer			

Request response:

name	type	array	optional
<i>instrument_group_account_groups</i>	InstrumentGroupAccountGroup	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "instrument group account group list",
```

```
        "serial": 402,  
        "partial": false  
    },  
    "data": {  
        "group_id": 188  
    }  
}
```

Example responses:

```
{  
  "header": {  
    "type": "instrument group account group list response",  
    "serial": 402  
  },  
  "data": {  
    "result": "success",  
    "instrument_group_account_groups": [  
      {  
        "instrument_class": 49,  
        "account_group": 188,  
        "commission_pattern": 11,  
        "spread_modification": "0.00000",  
        "min_lots": "0.10",  
        "max_lots": "100.00",  
        "lots_step": "0.01",  
        "offer": 3,  
        "deviation": 0,  
        "modify_swap_short": "0.000000",  
        "modify_swap_long": "0.000000",  
        "margin_for_pending": false,  
        "margin_multiplier": "1.00",  
        "custom_margin": "1.00",  
        "max_nominal_value_eur": "0",  
        "spread_modification_type": 1  
      }  
    ],  
    "end_of_batch": true  
  }  
}
```

InstrumentInfoRequest

Package name:

instrument info

Request parameters:

name	type	array	optional	description
<i>id_account</i>	Integer			
<i>id_asset_class</i>	Integer		x	
<i>id_dict_quote</i>	Integer32			

name	type	array	optional	description
<i>id_instrument</i>	Integer32			
<i>name</i>	String			

Request response:

name	type	array	optional
<i>ask</i>	Decimal		
<i>bid</i>	Decimal		
<i>id_account</i>	Integer		
<i>id_asset_class</i>	Integer		
<i>id_dict_quote</i>	Integer32		
<i>id_instrument</i>	Integer32		
<i>mid</i>	Decimal		
<i>name</i>	String		
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "instrument info",
    "serial": 1948,
    "partial": false
  },
  "data": {
    "id_instrument": 794,
    "name": "EUR.PL",
    "id_dict_quote": 6,
    "id_account": 6000003,
    "id_asset_class": 4
  }
}
```

Example responses:

```
{
  "header": {
    "type": "instrument info response",
    "serial": 1948
  },
  "data": {
    "result": "success",
    "id_instrument": 794,
    "name": "EUR.PL",
    "id_dict_quote": 6,
    "id_asset_class": 4,
    "id_account": 6000003,
    "bid": "14.00",
    "ask": "14.02",
    "mid": "14.01",
    "digits": 0,
  }
}
```

```
        "end_of_batch": true
    }
}
```

InstrumentListRequest

Package name:

instrument list

Request response:

name	type	array	optional
<i>instruments</i>	InstrumentKey	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "instrument list",
    "serial": 13,
    "partial": false
  },
  "data": {}
}
```

Example responses:

```
{
  "header": {
    "type": "instrument list response",
    "serial": 13
  },
  "data": {
    "result": "success",
    "instruments": [
      {
        "id_instrument": 7110,
        "id_dict_quote": 13,
        "id_asset_class": 8,
        "name": "EU50cash",
        "precision": 1,
        "id_instrument_class": 1136,
        "contract_size": 30,
        "currency": "EUR"
      },
      {
        "id_instrument": 7107,
        "id_dict_quote": 13,
        "id_asset_class": 8,
        "name": "SPA35cash",
        "precision": 1,
        "id_instrument_class": 1136,
        "contract_size": 30,

```

```
        "currency": "EUR"  
    },  
    ],  
    "end_of_batch": true  
}  
}
```

JournalListRequest

Package name:

journal list

Permissions:

1. server_logs_view

Request parameters:

name	type	array	optional	description
<i>action_filter</i>	String		x	
<i>from_datetime</i>	Integer			
<i>login_filter</i>	String		x	
<i>parameters_filter</i>	String		x	
<i>to_datetime</i>	Integer			

Request response:

name	type	array	optional
<i>journal</i>	JournalEntry	x	
<i>result</i>	String		

Example requests:

```
{  
  "header": {  
    "type": "journal list",  
    "serial": 580,  
    "partial": false  
  },  
  "data": {  
    "from_datetime": 1626732000,  
    "to_datetime": 1626775200  
  }  
}
```

Example responses:

null

LedgerListRequest

Package name:

Ledger List

Permissions:

1. ledgers_view

Request parameters:

name	type	array	optional	description
<i>accounts</i>	Integer	x		
<i>from_datetime</i>	Integer			
<i>to_datetime</i>	Integer			

Request response:

name	type	array	optional
<i>accounts_without_person</i>	Integer	x	
<i>ledgers</i>	Ledger	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "ledger list",
    "serial": 1970,
    "partial": true
  },
  "data": {
    "from_datetime": 1625220000,
    "to_datetime": 1625263199,
    "accounts": [
      6044702
    ]
  }
}
```

Example responses:

```
{
  "header": {
    "type": "ledger list response",
    "serial": 1970
  },
  "data": {
    "result": "success",
    "ledgers": [
      {
        "id_ledger": 8268304,
        "login": 6052001,

```

```
        "name": "Jan",
        "surname": "Kowalski",
        "group": "contestPLplnDEPTH",
        "currency": "PLN",
        "type": "commission",
        "time": 1625820954,
        "debit": "10.00",
        "credit": "0.00",
        "comment": "BUY 0.5 @ 0.74420",
        "id_position": 19953854
    }
],
"accounts_without_person": [
    6052002
],
"end_of_batch": true
}
```

LedgerOperationNoValidationRequest

Package name:

Ledger operation no validation

Request parameters:

name	type	array	optional	description
<i>amount</i>	String			
<i>comment</i>	String		x	
<i>expdate</i>	Integer64		x	
<i>id_account</i>	Integer			
<i>id_corrected_entry</i>	Integer		x	
<i>id_dividend</i>	Integer64		x	
<i>id_position</i>	Integer64		x	
<i>id_reference</i>	Integer64		x	
<i>ledger_type</i>	String			

Request response:

name	type	array	optional
<i>ledger request</i>	LedgerRequest		
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "ledger operation no validation",
    "serial": 941,
    "partial": false
  }
}
```

```
    },  
    "data": {  
      "id_account": 6052201,  
      "login": 6052201,  
      "ledger_type": "correction",  
      "amount": "26.00",  
      "comment": "testtest",  
      "id_corrected_entry": 8269458  
    }  
  }  
}
```

Example responses:

```
{  
  "header": {  
    "type": "ledger operation no validation response",  
    "serial": 941  
  },  
  "data": {  
    "result": "success",  
    "ledger request": {  
      "id_account": 6052201,  
      "ledger_type": 4,  
      "amount": "26.00",  
      "comment": "testtest",  
      "id_corrected_entry": 8269458  
    },  
    "end_of_batch": true  
  }  
}
```

LedgerOperationRequest

Package name:

Ledger operation

Request parameters:

name	type	array	optional	description
<i>amount</i>	String			
<i>comment</i>	String		x	
<i>expdate</i>	Integer64		x	
<i>id_account</i>	Integer			
<i>id_corrected_entry</i>	Integer		x	
<i>id_dividend</i>	Integer64		x	
<i>id_position</i>	Integer64		x	
<i>id_reference</i>	Integer64		x	
<i>ledger_type</i>	String			

Request response:

name	type	array	optional
<i>ledger request</i>	LedgerRequest		
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "ledger operation",
    "serial": 941,
    "partial": false
  },
  "data": {
    "id_account": 6052201,
    "login": 6052201,
    "ledger_type": "correction",
    "amount": "26.00",
    "comment": "testtest",
    "id_corrected_entry": 8269458
  }
}
```

Example responses:

```
{
  "header": {
    "type": "ledger operation response",
    "serial": 941
  },
  "data": {
    "result": "success",
    "ledger request": {
      "id_account": 6052201,
      "ledger_type": 4,
      "amount": "26.00",
      "comment": "testtest",
      "id_corrected_entry": 8269458
    },
    "end_of_batch": true
  }
}
```

LedgerTypeListRequest

Package name:

Ledger type list

Request response:

name	type	array	optional
<i>ledger_types</i>	LedgerType	x	

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "ledger type list",
    "serial": 10
  },
  "data": {}
}
```

Example responses:

```
{
  "header": {
    "type": "ledger type list response",
    "serial": 10
  },
  "data": {
    "result": "success",
    "ledger_types": [
      {
        "id_ledtype": 1,
        "name": "deposit"
      },
      {
        "id_ledtype": 2,
        "name": "withdrawal"
      },
      {
        "id_ledtype": 3,
        "name": "close trade"
      },
      {
        "id_ledtype": 4,
        "name": "correction"
      },
      {
        "id_ledtype": 5,
        "name": "interest"
      },
      {
        "id_ledtype": 6,
        "name": "tax IFTT"
      },
      {
        "id_ledtype": 7,
        "name": "swap"
      },
      {
        "id_ledtype": 8,
        "name": "rolling"
      }
    ]
  }
}
```

```
{
  "id_ledtype": 9,
  "name": "dividend"
},
{
  "id_ledtype": 10,
  "name": "rights_issue"
},
{
  "id_ledtype": 11,
  "name": "spin-off"
},
{
  "id_ledtype": 12,
  "name": "commission"
},
{
  "id_ledtype": 13,
  "name": "credit in"
},
{
  "id_ledtype": 14,
  "name": "credit out"
},
{
  "id_ledtype": 15,
  "name": "up-down in"
},
{
  "id_ledtype": 16,
  "name": "up-down out"
},
{
  "id_ledtype": 17,
  "name": "ib commission"
},
{
  "id_ledtype": 18,
  "name": "management_fee"
},
{
  "id_ledtype": 19,
  "name": "success_fee"
},
{
  "id_ledtype": 20,
  "name": "ib commission external"
},
{
  "id_ledtype": 21,
  "name": "ib system commission"
},
{
  "id_ledtype": 22,
```

```
    "name": "rebate"
  },
  {
    "id_ledtype": 23,
    "name": "mirror adj"
  },
  {
    "id_ledtype": 24,
    "name": "tax IR"
  },
  {
    "id_ledtype": 25,
    "name": "fractional shares"
  },
  {
    "id_ledtype": 26,
    "name": "transfer"
  },
  {
    "id_ledtype": 27,
    "name": "tax rebate"
  },
  {
    "id_ledtype": 28,
    "name": "Stock purchase"
  },
  {
    "id_ledtype": 29,
    "name": "custody fee"
  },
  {
    "id_ledtype": 30,
    "name": "stock transfer fee"
  },
  {
    "id_ledtype": 31,
    "name": "Stamp Duty"
  },
  {
    "id_ledtype": 32,
    "name": "PTM levy"
  },
  {
    "id_ledtype": 33,
    "name": "Sec Fee"
  },
  {
    "id_ledtype": 34,
    "name": "Stock sale"
  },
  {
    "id_ledtype": 35,
    "name": "Withholding Tax"
  },
  },
```

```
{
  {
    "id_ledtype": 36,
    "name": "Dividend equivalent"
  },
  {
    "id_ledtype": 37,
    "name": "Adjustment Fee"
  },
  {
    "id_ledtype": 38,
    "name": "STC Transfer Out Fee"
  },
  {
    "id_ledtype": 39,
    "name": "Merger/Acquisition"
  },
  {
    "id_ledtype": 40,
    "name": "Certificate of deposit fee"
  },
  {
    "id_ledtype": 41,
    "name": "Inactivity Fee"
  },
  {
    "id_ledtype": 42,
    "name": "bonus"
  },
  {
    "id_ledtype": 43,
    "name": "rollover"
  },
  {
    "id_ledtype": 44,
    "name": "Proxy Voting"
  }
],
"end_of_batch": true
}
```

LeverageListRequest

Package name:

Leverage List

Request response:

name	type	array	optional
<i>Leverage</i>	Leverage	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "leverage list",
    "serial": 16,
    "partial": false
  },
  "data": {}
}
```

Example responses:

```
{
  "header": {
    "type": "leverage list response",
    "serial": 16
  },
  "data": {
    "result": "success",
    "leverage": [
      {
        "id_leverage": 1,
        "name": "1:1000"
      },
      {
        "id_leverage": 2,
        "name": "1:500"
      },
      {
        "id_leverage": 3,
        "name": "1:400"
      },
      {
        "id_leverage": 4,
        "name": "1:300"
      },
      {
        "id_leverage": 5,
        "name": "1:200"
      },
      {
        "id_leverage": 6,
        "name": "1:100"
      },
      {
        "id_leverage": 7,
        "name": "1:75"
      },
      {
        "id_leverage": 8,
        "name": "1:66"
      },
      {
        "id_leverage": 9,
```

```
        "name": "1:50"  
    },  
    {  
        "id_leverage": 10,  
        "name": "1:33"  
    },  
    {  
        "id_leverage": 11,  
        "name": "1:25"  
    },  
    {  
        "id_leverage": 12,  
        "name": "1:20"  
    },  
    {  
        "id_leverage": 13,  
        "name": "1:10"  
    },  
    {  
        "id_leverage": 14,  
        "name": "1:5"  
    },  
    {  
        "id_leverage": 15,  
        "name": "1:2"  
    },  
    {  
        "id_leverage": 16,  
        "name": "1:1"  
    },  
    {  
        "id_leverage": 17,  
        "name": "1:40"  
    },  
    {  
        "id_leverage": 18,  
        "name": "1:30"  
    }  
],  
"end_of_batch": true  
}  
}
```

LoginMaintenanceRequest

Package name:

Login

Request response:

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "login",
    "serial": 2,
    "partial": false
  },
  "data": {
    "password": "trk123",
    "login": "testerturk"
  }
}
```

Example responses:

```
{
  "header": {
    "type": "login response",
    "serial": 2
  },
  "data": {
    "result": "success",
    "ping_period": 6000,
    "session_timeout": 100000,
    "read_only": false,
    "end_of_batch": true
  }
}
```

LoginRequest

Package name:

Login

Request parameters:

name	type	array	optional	description
<i>login</i>	String			
<i>password</i>	String			

Request response:

name	type	array	optional
<i>company_unit</i>	Integer		
<i>ping_period</i>	Integer		
<i>result</i>	String		
<i>session_timeout</i>	Unsigned32		

Example requests:

```
{
  "header": {
```

```
        "type": "login",
        "serial": 2,
        "partial": false
    },
    "data": {
        "password": "trk123",
        "login": "testerturk"
    }
}
```

Example responses:

```
{
  "header": {
    "type": "login response",
    "serial": 2
  },
  "data": {
    "result": "success",
    "ping_period": 6000,
    "session_timeout": 100000,
    "read_only": false,
    "end_of_batch": true
  }
}
```

MAMAccountAllocationRequest

Package name:

mam account allocation

Request parameters:

name	type	array	optional	description
<i>account</i>	Integer			

Request response:

name	type	array	optional
<i>accounts allocation id</i>	Integer		
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "mam account allocation",
    "serial": 2597,
    "partial": false
  },
  "data": {
    "account": 6041402
  }
}
```

Example responses:

```
{
  "header": {
    "type": "mam account allocation response",
    "serial": 2597
  },
  "data": {
    "result": "success",
    "accounts allocation id": 1,
    "end_of_batch": true
  }
}
```

MAMAccountListRequest

Package name:

mam account list

Request response:

name	type	array	optional
<i>accounts</i>	Integer	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "mam account list",
    "serial": 44,
    "partial": false
  },
  "data": {}
}
```

Example responses:

```
{
  "header": {
    "type": "mam account list response",
    "serial": 44
  },
  "data": {
    "result": "success",
    "accounts": [
      6002203,
      6034852,
      6002452,
      6000203
    ],
    "end_of_batch": true
  }
}
```

MAMCalculateSuccessFeeForMasterRequest

Package name:

calculate success fee for master

Request parameters:

name	type	array	optional	description
<i>account</i>	Integer			

Request response:

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "calculate success fee for master",
    "serial": 33
  },
  "data": {
    "account": 6046159
  }
}
```

Example responses:

```
{
  "header": {
    "type": "calculate success fee for master response",
    "serial": 33
  },
  "data": {
    "result": "success",
    "end_of_batch": true
  }
}
```

MAMCalculationListRequest

Package name:

mam calculation list

Request response:

name	type	array	optional
<i>mam calculation</i>	MAMCalculation	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "mam calculation list",
    "serial": 17,
    "partial": false
  },
  "data": {}
}
```

Example responses:

```
{
  "header": {
    "type": "mam calculation list response",
    "serial": 17
  },
  "data": {
    "result": "success",
    "mam calculation": [
      {
        "id": 1,
        "name": "1 Day"
      },
      {
        "id": 2,
        "name": "1 Week"
      },
      {
        "id": 3,
        "name": "1 Month"
      },
      {
        "id": 4,
        "name": "3 Month"
      },
      {
        "id": 5,
        "name": "6 Month"
      },
      {
        "id": 6,
        "name": "1 Year"
      }
    ],
    "end_of_batch": true
  }
}
```

MAMClientAcceptRelationStatusRequest

Package name:

accept mam client relation status

Request parameters:

name	type	array	optional	description
<i>account</i>	Integer			

Request response:

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "accept mam client relation status",
    "serial": 44
  },
  "data": {
    "account": 6026170
  }
}
```

Example responses:

```
{
  "header": {
    "type": "accept mam client relation status response",
    "serial": 44
  },
  "data": {
    "result": "success",
    "end_of_batch": true
  }
}
```

MAMClientRejectRelationStatusRequest

Package name:

reject mam client relation status

Request parameters:

name	type	array	optional	description
<i>account</i>	Integer			

Request response:

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "reject mam client relation status",
```

```
        "serial": 44
    },
    "data": {
        "account": 6026170
    }
}
```

Example responses:

```
{
  "header": {
    "type": "reject mam client relation status response",
    "serial": 44
  },
  "data": {
    "result": "success",
    "end_of_batch": true
  }
}
```

MAMClosedTradeListRequest

Package name:

mam closed trade list

Request parameters:

name	type	array	optional	description
<i>accounts</i>	Integer	x		
<i>from_datetime</i>	Integer			
<i>to_datetime</i>	Integer			

Request response:

name	type	array	optional
<i>mam_closed_trades</i>	ClosedTrade	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "mam closed trade list",
    "serial": 6068,
    "partial": true
  },
  "data": {
    "accounts": [
      6026886
    ],
    "from_datetime": -1,
    "to_datetime": 1625867999
  }
}
```

```
}  
}
```

Example responses:

```
{  
  "header": {  
    "type": "mam closed trade list response",  
    "serial": 6068  
  },  
  "data": {  
    "result": "success",  
    "mam_closed_trades": [  
      {  
        "instrument": "US500",  
        "id_account": 6026887,  
        "id_dict_quote": 1,  
        "id_instrument": 677,  
        "side": "BUY",  
        "nominal": "1.0000",  
        "id_closed_trade": 9107478,  
        "id_position": 9105424,  
        "open_id_order": 9107477,  
        "close_id_order": 9107478,  
        "open_time": 1570109373352,  
        "open_price": "2891.40000",  
        "margin": "11452.98",  
        "close_time": 1570109378567,  
        "close_price": "2879.90000",  
        "swap": "0.00",  
        "commission": "0.00",  
        "profit_loss": "-2276.37",  
        "comment": "Click & Trade",  
        "currency": "PLN",  
        "name": "test",  
        "surname": "test",  
        "group_name": "contestPLpInBASIC",  
        "id_order_origin": 11,  
        "id_close_order_origin": 11,  
        "asset_class": 3,  
        "open_conversion_rate": "0.00000",  
        "close_conversion_rate": "0.00000",  
        "rollover": "0.00"  
      }  
    ],  
    "end_of_batch": true  
  }  
}
```

MAMCommissionRequest

Package name:

mam commission

Request parameters:

name	type	array	optional	description
<i>account</i>	Integer			

Request response:

name	type	array	optional
<i>mam commission</i>	MAMCommission	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "mam commission",
    "serial": 7158,
    "partial": false
  },
  "data": {
    "account": 6026170
  }
}
```

Example responses:

```
{
  "header": {
    "type": "mam commission response",
    "serial": 7158
  },
  "data": {
    "result": "success",
    "mam commission": [
      {
        "id": 1057,
        "account_id": 6026170,
        "management_fee_percent": "36.00",
        "management_fee_calculation_id": 1,
        "management_fee_type_id": 1
      }
    ],
    "end_of_batch": true
  }
}
```

MAMFilterAccountListRequest

Package name:

mam filter account list

Request parameters:

name	type	array	optional	description
<i>account</i>	Integer			
<i>relation_state</i>	Integer		x	

Request response:

name	type	array	optional
<i>accounts</i>	Integer	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "mam filter account list",
    "serial": 2595,
    "partial": false
  },
  "data": {
    "account": 6041402,
    "relation_state": 2
  }
}
```

Example responses:

```
{
  "header": {
    "type": "mam filter account list response",
    "serial": 2595
  },
  "data": {
    "result": "success",
    "accounts": [
      6041405,
      6041406
    ],
    "end_of_batch": true
  }
}
```

MAMManagementFeeTypeListRequest

Package name:

mam management fee type list

Request response:

name	type	array	optional
<i>mam management fee type</i>	MAMManagementFeeType	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "mam management fee type list",
    "serial": 18,
    "partial": false
  },
  "data": {}
}
```

Example responses:

```
{
  "header": {
    "type": "mam management fee type list response",
    "serial": 18
  },
  "data": {
    "result": "success",
    "mam management fee type": [
      {
        "id": 1,
        "name": "Balance"
      },
      {
        "id": 2,
        "name": "Equity"
      },
      {
        "id": 3,
        "name": "Margin"
      }
    ],
    "end_of_batch": true
  }
}
```

MAMSuccessFeeTypeListRequest

Package name:

mam success fee type list

Request response:

name	type	array	optional
<i>mam success fee type</i>	MAMSuccessFeeType	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "mam success fee type list",
```

```
        "serial": 19,  
        "partial": false  
    },  
    "data": {}  
}
```

Example responses:

```
{  
  "header": {  
    "type": "mam success fee type list response",  
    "serial": 19  
  },  
  "data": {  
    "result": "success",  
    "mam success fee type": [  
      {  
        "id": 1,  
        "name": "Profitable trades only"  
      },  
      {  
        "id": 2,  
        "name": "Net profit"  
      }  
    ],  
    "end_of_batch": true  
  }  
}
```

ManagerRightsRequest

Package name:

manager rights

Request response:

name	type	array	optional
<i>result</i>	String		
<i>rights</i>	ManagerRight	x	

Example requests:

```
{  
  "header": {  
    "type": "manager rights",  
    "serial": 9,  
    "partial": false  
  },  
  "data": {}  
}
```

Example responses:

```
{
  "header": {
    "type": "manager rights response",
    "serial": 231
  },
  "data": {
    "result": "success",
    "rights": [
      {
        "id_right": 33,
        "name": "export_data",
        "description": "xManager - export data"
      },
      {
        "id_right": 17,
        "name": "open_positions_view",
        "description": "xManager - open positions view"
      },
      {
        "id_right": 18,
        "name": "executions_view",
        "description": "xManager - executions view"
      },
      {
        "id_right": 19,
        "name": "orders_view",
        "description": "xManager - orders view"
      },
      {
        "id_right": 20,
        "name": "closed_trades_view",
        "description": "xManager - closed trades view"
      },
      {
        "id_right": 37,
        "name": "credit_in_out",
        "description": "xManager - credit in/out"
      },
      {
        "id_right": 5,
        "name": "currencies",
        "description": "xAdministrator - create, edit and view currencies"
      },
      {
        "id_right": 55,
        "name": "edit_configuration_data",
        "description": "xAdministrator - edit configuration data mode"
      },
      {
        "id_right": 24,
        "name": "ledgers_view",
        "description": "xManager - ledgers view"
      },
    ]
  }
}
```

```
{
  {
    "id_right": 12,
    "name": "accounts_view",
    "description": "xManager - accounts data view"
  },
  {
    "id_right": 29,
    "name": "close_to_execute",
    "description": "xDealer - close to execute orders view"
  },
  {
    "id_right": 32,
    "name": "reports_view",
    "description": "xManager - reports view"
  }
],
"end_of_batch": true
}
```

ManualClosePositionRequest

Package name:

manual close position

Request parameters:

name	type	array	optional	description
<i>comment</i>	String		x	
<i>id_person</i>	Integer		x	
<i>id_position</i>	Integer64			
<i>nominal</i>	Decimal			
<i>price</i>	Decimal			

Request response:

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "manual close position",
    "serial": 10
  },
  "data": {
    "id_position": 19963271,
    "nominal": "50.00",
    "price": "1.17931",
    "comment": "test"
  }
}
```

```
}  
}
```

Example responses:

```
{  
  "header": {  
    "type": "manual close position response",  
    "serial": 10  
  },  
  "data": {  
    "result": "success",  
    "end_of_batch": true  
  }  
}
```

MarginTypeListRequest

Returns margin types dictionary. Each element has pair id and name of margin type.

Package name:

margin type list

Request response:

name	type	array	optional
<i>margin_type</i>	Dictionary	x	
<i>result</i>	String		

Example requests:

```
{  
  "header": {  
    "type": "margin type list",  
    "serial": 10  
  },  
  "data": {}  
}
```

Example responses:

```
{  
  "header": {  
    "type": "margin type list response",  
    "serial": 10  
  },  
  "data": {  
    "result": "success",  
    "margin_type": [  
      {  
        "id": 1,  
        "name": "Gross"  
      },  
      {  
        "id": 2,
```

```
        "name": "Net margin",
      },
      {
        "id": 3,
        "name": "Netto"
      }
    ]
  }
}
```

MarketSnapshotListRequest

Package name:

market snapshot list

Request parameters:

name	type	array	optional	description
<i>execution_id</i>	Integer64			

Request response:

name	type	array	optional
<i>market_snapshot_list</i>	MarketSnapshot	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "market snapshot list",
    "serial": 199,
    "partial": false
  },
  "data": {
    "execution_id": 13552745
  }
}
```

Example responses:

```
{
  "header": {
    "type": "market snapshot list response",
    "serial": 199
  },
  "data": {
    "result": "success",
    "market_snapshot_list": [
      {
        "ask": "1.17861",
        "bid": "1.17858",
        "bid_volume": "945000.0000",
        "ask_volume": "1055000.0000"
      }
    ]
  }
}
```

```
    },  
    {  
      "ask": "1.17862",  
      "bid": "1.17857",  
      "bid_volume": "55000.0000",  
      "ask_volume": "445000.0000"  
    },  
    {  
      "ask": "1.17863",  
      "bid": "1.17856",  
      "bid_volume": "2000000.0000",  
      "ask_volume": "3500000.0000"  
    },  
    {  
      "ask": "1.17864",  
      "bid": "1.17855",  
      "bid_volume": "3525000.0000",  
      "ask_volume": "4000000.0000"  
    },  
    {  
      "ask": "1.17865",  
      "bid": "1.17854",  
      "bid_volume": "4525000.0000",  
      "ask_volume": "2525000.0000"  
    }  
  ],  
  "end_of_batch": true  
}  
}
```

MirrorBookListRequest

Package name:

mirror book list

Request response:

name	type	array	optional
<i>mirror_books</i>	Dictionary	x	
<i>result</i>	String		

Example requests:

```
{  
  "header": {  
    "type": "mirror book list",  
    "serial": 24,  
    "partial": false  
  },  
  "data": {}  
}
```

Example responses:

```
{
  "header": {
    "type": "mirror book list response",
    "serial": 24
  },
  "data": {
    "result": "success",
    "mirror_books": [
      {
        "id": 1,
        "name": "A book"
      },
      {
        "id": 2,
        "name": "B book"
      }
    ],
    "end_of_batch": true
  }
}
```

MirrorModeListRequest

Package name:

mirror mode list

Request response:

name	type	array	optional
<i>mirror_modes</i>	Dictionary	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "mirror mode list",
    "serial": 25,
    "partial": false
  },
  "data": {}
}
```

Example responses:

```
{
  "header": {
    "type": "mirror mode list response",
    "serial": 25
  },
  "data": {
    "result": "success",
  }
}
```

```
    "mirror_modes": [  
      {  
        "id": 1,  
        "name": "Standard"  
      },  
      {  
        "id": 2,  
        "name": "WL Hedge"  
      },  
      {  
        "id": 3,  
        "name": "WL Hedge All COB"  
      },  
      {  
        "id": 4,  
        "name": "WL Hedge Pro COB"  
      }  
    ],  
    "end_of_batch": true  
  }  
}
```

ModifyAccountPromotionAssetClassNominalValueRequest

Package name:

modify account promotion asset class nominal value

Permissions:

- 1. manager_promotion_view
- 1. make_correction

Request parameters:

name	type	array	optional	description
<i>id_account</i>	Integer			
<i>id_asset_class</i>	Integer			
<i>id_person</i>	Integer			
<i>id_promotion_pattern</i>	Integer64			
<i>new_promotion_nominal_value_eur</i>	Decimal			
<i>revision</i>	Integer64			

Request response:

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{  
  "header": {  
    "type": "modify account promotion asset class nominal value",  
  },  
}
```

```
        "serial": 111
    },
    "data": {
        "id_account": 6054152,
        "id_person": 1548445,
        "id_asset_class": 2,
        "id_promotion_pattern": 2,
        "new_promotion_nominal_value_eur": "30.00",
        "revision": 5
    }
}
```

Example responses:

```
{
    "header": {
        "type": "modify account promotion asset class nominal value response",
        "serial": 111
    },
    "data": {
        "result": "success",
        "end_of_batch": true
    }
}
```

ModifyOrderRequest

Package name:

modify order

Permissions:

1. place_order

Request response:

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{
    "header": {
        "type": "modify order",
        "serial": 770,
        "partial": false
    },
    "data": {
        "id_order": 19958162,
        "login": 6053853,
        "side": "buy",
        "order_type": "market",
        "id_instrument": 1156,
        "id_quote": 13,
        "id_asset_class": 1,

```

```
        "instrument_name": "AUDCAD",  
        "nominal": "100.0000",  
        "comment": "test",  
        "tp": "0.90808",  
        "sl": "0.90768",  
        "expiry_time": 1657971656  
    }  
}
```

Example responses:

```
{  
  "header": {  
    "type": "modify order response",  
    "serial": 770  
  },  
  "data": {  
    "result": "success",  
    "end_of_batch": true  
  }  
}
```

ModifyPositionRequest

Package name:

modify position

Permissions:

1. place_order

Request response:

name	type	array	optional
<i>order response</i>	OrderResponse		
<i>result</i>	String		

Example requests:

```
{  
  "header": {  
    "type": "modify position",  
    "serial": 1262,  
    "partial": false  
  },  
  "data": {  
    "id_position": 19957420,  
    "login": 6052001,  
    "side": "buy",  
    "order_type": "market",  
    "id_instrument": 753,  
    "id_quote": 3,  
    "id_asset_class": 1,  
    "instrument_name": "EURUSD",  
  }  
}
```

```
        "nominal": "0.1000",  
        "comment": "",  
        "price": "1.18162",  
        "tp": "1.18163",  
        "sl": "1.18159"  
    }  
}
```

Example responses:

```
{  
  "header": {  
    "type": "modify position response",  
    "serial": 1262  
  },  
  "data": {  
    "result": "success",  
    "order response": {  
      "id_order": 19957420,  
      "sent": true  
    },  
    "end_of_batch": true  
  }  
}
```

NetProfitSummaryListByHedgeAccountRequest

Package name:

report net profit by hedge account

Request parameters:

name	type	array	optional	description
<i>from_datetime</i>	Integer			
<i>hedge_account_id</i>	Integer			
<i>to_datetime</i>	Integer			

Request response:

name	type	array	optional
<i>net_profit_summary_list</i>	NetProfitSummary	x	
<i>result</i>	String		

Example requests:

```
{  
  "header": {  
    "type": "report net profit by hedge account",  
    "serial": 119,  
    "partial": false  
  },  
  "data": {  
    "hedge_account_id": 6004351,  
  }  
}
```

```
        "from_datetime": 1625090400,  
        "to_datetime": 1626818399  
    }  
}
```

Example responses:

null

NetProfitSummaryListRequest

Package name:

report net profit

Request parameters:

name	type	array	optional	description
<i>account_id_list</i>	Integer	x		
<i>from_datetime</i>	Integer			
<i>to_datetime</i>	Integer			

Request response:

name	type	array	optional
<i>net_profit_summary_list</i>	NetProfitSummary	x	
<i>result</i>	String		

Example requests:

```
{  
  "header": {  
    "type": "report net profit",  
    "serial": 1514,  
    "partial": false  
  },  
  "data": {  
    "account_id_list": [  
      6000003  
    ],  
    "from_datetime": 1625090400,  
    "to_datetime": 1626472799  
  }  
}
```

Example responses:

```
{  
  "header": {  
    "type": "report net profit response",  
    "serial": 1514  
  },  
  "data": {  
    "result": "success",  
    "net_profit_summary_list": [  

```

```
{
  {
    "instrument_name": "EUR.PL",
    "id_asset_class": 4,
    "begin": {
      "volume": "0.2000",
      "swap": "-4.42",
      "commission": "0.00",
      "net_profit": "-2.73"
    }
  },
  {
    "instrument_name": "EURGBP",
    "id_asset_class": 1,
    "begin": {
      "volume": "2.0000",
      "swap": "-671459.60",
      "commission": "-1332.00",
      "net_profit": "-60893.15"
    }
  },
  {
    "instrument_name": "AMZN.US",
    "id_asset_class": 9,
    "begin": {
      "volume": "4.0000",
      "swap": "-3318.08",
      "commission": "-4000.00",
      "net_profit": "-21276.88"
    }
  }
],
"end_of_batch": true
}
```

OfferNameFilteredListRequest

Package name:

offer name filtered list

Request response:

name	type	array	optional
<i>offer_names</i>	Dictionary	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "offer name filtered list",
    "serial": 44
  },
}
```

```
    "data": {}  
}
```

Example responses:

```
{  
  "header": {  
    "type": "offer name filtered list response",  
    "serial": 44  
  },  
  "data": {  
    "result": "success",  
    "offer_names": [  
      {  
        "id": 1,  
        "name": "Instant"  
      },  
      {  
        "id": 2,  
        "name": "Instant_Pending"  
      },  
      {  
        "id": 3,  
        "name": "Market/Depth"  
      },  
      {  
        "id": 7,  
        "name": "INTEGRAL"  
      },  
      {  
        "id": 8,  
        "name": "GUARDMARK"  
      },  
      {  
        "id": 9,  
        "name": "CAPITALTRUST"  
      },  
      {  
        "id": 6,  
        "name": "FXI"  
      },  
      {  
        "id": 11,  
        "name": "Instant_SL"  
      },  
      {  
        "id": 4,  
        "name": "DMA"  
      },  
      {  
        "id": 10,  
        "name": "DMA_FIX"  
      },  
      {  
        "id": 12,  

```

```
    "name": "DMA_OMS"  
  },  
  {  
    "id": 13,  
    "name": "Market"  
  },  
  {  
    "id": 14,  
    "name": "PRO COB"  
  },  
  {  
    "id": 15,  
    "name": "STP COB"  
  },  
  {  
    "id": 16,  
    "name": "IF COB"  
  },  
  {  
    "id": 17,  
    "name": "STD MARKET COB"  
  },  
  {  
    "id": 18,  
    "name": "MATCH_TRADE"  
  },  
  {  
    "id": 19,  
    "name": "IF_ONE_COB"  
  },  
  {  
    "id": 20,  
    "name": "MATCH_TRADE_TWO"  
  },  
  {  
    "id": 21,  
    "name": "MATCH_TRADE_THREE"  
  },  
  {  
    "id": 23,  
    "name": "CASH_STOCK_K"  
  },  
  {  
    "id": 24,  
    "name": "MATCH_TRADE_FOUR"  
  },  
  {  
    "id": 26,  
    "name": "xExchange"  
  },  
  {  
    "id": 27,  
    "name": "MATCH_TRADE_FIVE"  
  },  
}
```

```
{
  {
    "id": 28,
    "name": "CASH_STOCK_K_CYPRUS"
  },
  "end_of_batch": true
}
```

OfferNameListRequest

Package name:

offer name list

Request response:

name	type	array	optional
<i>offer_names</i>	Dictionary	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "offer name list",
    "serial": 401,
    "partial": false
  },
  "data": {}
}
```

Example responses:

```
{
  "header": {
    "type": "offer name list response",
    "serial": 401
  },
  "data": {
    "result": "success",
    "offer_names": [
      {
        "id": 1,
        "name": "Instant"
      },
      {
        "id": 2,
        "name": "Instant_Pending"
      },
      {
        "id": 3,
        "name": "Market/Depth"
      }
    ]
  }
}
```

```
    "id": 4,  
    "name": "DMA"  
  },  
  {  
    "id": 6,  
    "name": "FXI"  
  },  
  {  
    "id": 7,  
    "name": "INTEGRAL"  
  },  
  {  
    "id": 8,  
    "name": "GUARDMARK"  
  },  
  {  
    "id": 9,  
    "name": "CAPITALTRUST"  
  },  
  {  
    "id": 10,  
    "name": "DMA_FIX"  
  },  
  {  
    "id": 11,  
    "name": "Instant_SL"  
  },  
  {  
    "id": 12,  
    "name": "DMA_OMS"  
  },  
  {  
    "id": 13,  
    "name": "Market"  
  },  
  {  
    "id": 14,  
    "name": "PRO COB"  
  },  
  {  
    "id": 15,  
    "name": "STP COB"  
  },  
  {  
    "id": 16,  
    "name": "IF COB"  
  },  
  {  
    "id": 17,  
    "name": "STD MARKET COB"  
  },  
  {  
    "id": 18,  
    "name": "MATCH_TRADE"
```

```
    },  
    {  
      "id": 19,  
      "name": "IF_ONE_COB"  
    },  
    {  
      "id": 20,  
      "name": "MATCH_TRADE_TWO"  
    },  
    {  
      "id": 21,  
      "name": "MATCH_TRADE_THREE"  
    },  
    {  
      "id": 23,  
      "name": "CASH_STOCK_K"  
    },  
    {  
      "id": 24,  
      "name": "MATCH_TRADE_FOUR"  
    },  
    {  
      "id": 26,  
      "name": "xExchange"  
    },  
    {  
      "id": 27,  
      "name": "MATCH_TRADE_FIVE"  
    },  
    {  
      "id": 28,  
      "name": "CASH_STOCK_K_CYPRUS"  
    },  
    {  
      "id": 29,  
      "name": "SAXO_CASH_STOCK"  
    }  
  ],  
  "end_of_batch": true  
}  
}
```

OpenPositionCorrectionRequest

Package name:

open position correction

Permissions:

1. make_correction

Request parameters:

name	type	array	optional	description
<i>calc_commission</i>	Decimal		x	
<i>calc_swap</i>	Decimal		x	
<i>comment</i>	String		x	
<i>id_account</i>	Integer			
<i>id_asset_class</i>	Integer			
<i>id_dict_quote</i>	Integer			
<i>id_dict_side</i>	Integer			
<i>instrument</i>	String			
<i>margin</i>	Decimal			
<i>master_order_id</i>	Integer64		x	
<i>mirror_position_id</i>	Integer64		x	
<i>nominal</i>	Decimal			
<i>nominal value</i>	Decimal			
<i>offset</i>	Integer		x	
<i>price</i>	Decimal			
<i>rollover</i>	Decimal		x	
<i>stop_loss</i>	Decimal		x	
<i>take_profit</i>	Decimal		x	

Request response:

name	type	array	optional
<i>position status list</i>	PositionStatus	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "open position correction",
    "serial": 453,
    "partial": false
  },
  "data": {
    "instrument": "USDPLN",
    "id_dict_quote": 2,
    "id_dict_side": 1,
    "id_account": 6029164,
    "id_asset_class": 1,
    "price": "2.00",
    "nominal": "0.01",
    "calc_swap": "1",
    "margin": "4.23",
    "nominal value": "0"
  }
}
```

```
}  
}
```

Example responses:

```
{  
  "header": {  
    "type": "open position correction response",  
    "serial": 453  
  },  
  "data": {  
    "result": "success",  
    "position status list": [  
      {  
        "status": "NEW",  
        "position": {  
          "id_position": 19957707,  
          "login": 6029164,  
          "name": "TestName",  
          "surname": "TestSurname",  
          "group": "reurczseF100",  
          "id_execution": 0,  
          "nominal": "0.01",  
          "create_time": 1626361362606,  
          "update_time": 1626361362606,  
          "open_time": 0,  
          "open_price": "2.00",  
          "side": "BUY",  
          "instrument": "USDPLN",  
          "id_dict_quote": 2,  
          "id_account": 6029164,  
          "market_price": "0",  
          "swap": "1",  
          "commission": "0",  
          "profit": "0",  
          "position_margin": "4.23",  
          "comment_clnt": "",  
          "currency": "EUR",  
          "id_order": 19957662,  
          "asset_class": 1,  
          "nominal_value": "0",  
          "collateral": "0",  
          "profit_conv": {  
            "EUR": "0",  
            "USD": "0"  
          },  
          "swap_conv": {  
            "EUR": "0",  
            "USD": "0"  
          },  
          "commission_conv": {  
            "EUR": "0",  
            "USD": "0"  
          },  
          "id_order_origin": 5,  

```

```
        "expiry_date": 1626904800000,  
        "conversion_rate": "0",  
        "rollover": "0",  
        "converted_info": {  
            "profit_eur": "0",  
            "profit_usd": "0",  
            "swap_eur": "0",  
            "swap_usd": "0",  
            "commission_eur": "0",  
            "commission_usd": "0",  
            "rollover_eur": "0",  
            "rollover_usd": "0"  
        }  
    }  
},  
"end_of_batch": true  
}
```

OrderInfoRequest

Package name:

order info

Request parameters:

name	type	array	optional	description
<i>id_order</i>	Integer64			

Request response:

name	type	array	optional
<i>order_list</i>	Order	x	
<i>result</i>	String		

Example requests:

```
{  
  "header": {  
    "type": "order info",  
    "serial": 493,  
    "partial": false  
  },  
  "data": {  
    "id_order": 19956652  
  }  
}
```

Example responses:

```
{  
  "header": {  
    "type": "order info response",
```

```
        "serial": 493
    },
    "data": {
        "result": "success",
        "order_list": [
            {
                "id_order": 19956652,
                "login": 6052001,
                "name": "Jan",
                "surname": "Kowalski",
                "group": "contestPLplnDEPTH",
                "nominal": "0.5000",
                "order_type": "market",
                "order_status": "filled",
                "filled_nominal": "0.5000",
                "open_time": 1626338027279,
                "price": "0.85522",
                "expiry_time": 0,
                "margin": "0.00",
                "order_origin": "mirror",
                "side": "SELL",
                "id_account": 6052001,
                "instrument": "EURGBP",
                "id_dict_quote": 3,
                "comment_clnt": "",
                "comment_sys": "Mirror of #19956651",
                "mirror_root_id_order": 19956651,
                "mirror_root_id_execution": 13552919,
                "execution_time": 1626338027328,
                "tpSlPositionId": 0,
                "id_position": 19955412,
                "id_dict_position_reference": 3,
                "slippage": 0,
                "asset_class": 1,
                "nominal_value": "0.00"
            }
        ],
        "end_of_batch": true
    }
}
```

OrderListRequest

Package name:

order List

Request parameters:

name	type	array	optional	description
<i>accounts</i>	Integer	x	x	
<i>from_datetime</i>	Integer		x	
<i>orders</i>	Integer64	x	x	

name	type	array	optional	description
<i>to_datetime</i>	Integer		x	

Request response:

name	type	array	optional
<i>accounts_without_person</i>	Integer	x	
<i>orders</i>	Order	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "order list",
    "serial": 201,
    "partial": true
  },
  "data": {
    "from_datetime": 1626256800,
    "to_datetime": 1626299999,
    "accounts": [
      6052001,
      6052002
    ]
  }
}
```

Example responses:

```
{
  "header": {
    "type": "order list response",
    "serial": 201
  },
  "data": {
    "result": "success",
    "orders": [
      {
        "id_order": 19955652,
        "login": 6052001,
        "name": "Jan",
        "surname": "Kowalski",
        "group": "contestPLplnDEPTH",
        "nominal": "0.5000",
        "order_type": "market",
        "order_status": "filled",
        "filled_nominal": "0.5000",
        "open_time": 1626259388215,
        "price": "1814.06100",
        "expiry_time": 0,
        "margin": "0.00",
        "order_origin": "mirror",
        "side": "SELL",

```

```
        "id_account": 6052001,  
        "instrument": "GOLD",  
        "id_dict_quote": 3,  
        "comment_clnt": "",  
        "comment_sys": "Mirror of #19955651",  
        "mirror_root_id_order": 19955651,  
        "mirror_root_id_execution": 13552769,  
        "execution_time": 1626259388304,  
        "tpSlPositionId": 0,  
        "id_position": 19953884,  
        "id_dict_position_reference": 3,  
        "slippage": 0,  
        "asset_class": 2,  
        "nominal_value": "0.00"  
    },  
    ],  
    "accounts_without_person": [  
        6052002  
    ],  
    "end_of_batch": true  
}  
}
```

OrderModyficationHistoryRequest

Package name:

order modification history

Request parameters:

name	type	array	optional	description
<i>id_order</i>	Integer64			

Request response:

name	type	array	optional
<i>orders</i>	Order	x	
<i>result</i>	String		

Example requests:

```
{  
    "header": {  
        "type": "order modification history",  
        "serial": 33  
    },  
    "data": {  
        "id_order": 19963557  
    }  
}
```

Example responses:

```
{
  "header": {
    "type": "order modification history response",
    "serial": 33
  },
  "data": {
    "result": "success",
    "orders": [
      {
        "id_order": 19963557,
        "login": 6054306,
        "name": "Test",
        "surname": "Test",
        "group": "rpInplsedF100",
        "nominal": "0.5000",
        "order_type": "market",
        "order_status": "filled",
        "filled_nominal": "0.5000",
        "open_time": 1627033597444,
        "price": "1.08368",
        "expiry_time": 0,
        "margin": "0.00",
        "order_origin": "xStation 5",
        "side": "SELL",
        "id_account": 6054306,
        "instrument": "EURCHF",
        "id_dict_quote": 2,
        "comment_clnt": "",
        "comment_sys": "Close All",
        "execution_time": 1627033597473,
        "tpSlPositionId": 0,
        "id_position": 19963902,
        "id_dict_position_reference": 3,
        "slippage": 0,
        "asset_class": 1,
        "nominal_value": "0.00",
        "person_id": 1536973
      }
    ],
    "end_of_batch": true
  }
}
```

OrderOriginListRequest

Package name:

order origin list

Request response:

name	type	array	optional
<i>order_origin</i>	OrderOrigin	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "order origin list",
    "serial": 26,
    "partial": false
  },
  "data": {}
}
```

Example responses:

```
{
  "header": {
    "type": "order origin list response",
    "serial": 26
  },
  "data": {
    "result": "success",
    "order_origin": [
      {
        "id": 1,
        "name": "xStation"
      },
      {
        "id": 2,
        "name": "stop-out"
      }
    ],
    "end_of_batch": true
  }
}
```

OrderSideListRequest

Package name:

order side list

Request response:

name	type	array	optional
<i>order_side</i>	OrderSide	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "order side list",
    "serial": 14,
    "partial": false
  },
  "data": {}
}
```

Example responses:

```
{
  "header": {
    "type": "order side list response",
    "serial": 14
  },
  "data": {
    "result": "success",
    "order_side": [
      {
        "id_side": 1,
        "name": "BUY"
      },
      {
        "id_side": 2,
        "name": "SELL"
      }
    ],
    "end_of_batch": true
  }
}
```

OrderStatusDetailsListRequest

Package name:

status details list

Request response:

name	type	array	optional
<i>result</i>	String		
<i>status_details</i>	Dictionary	x	

Example requests:

```
{
  "header": {
    "type": "status details list",
    "serial": 27,
    "partial": false
  },
}
```

```
    "data": {}  
  }  
}
```

Example responses:

```
{  
  "header": {  
    "type": "status details list response",  
    "serial": 27  
  },  
  "data": {  
    "result": "success",  
    "status_details": [  
      {  
        "id": -2,  
        "name": "Fatal"  
      },  
      {  
        "id": -1,  
        "name": "Error"  
      },  
      {  
        "id": 0,  
        "name": "OK"  
      },  
      {  
        "id": 1,  
        "name": "Invalid initialization sequence"  
      },  
      {  
        "id": 2,  
        "name": "Not enough money"  
      },  
      {  
        "id": 3,  
        "name": "Max nominal value exceeded"  
      },  
      {  
        "id": 4,  
        "name": "Invalid parameter"  
      },  
      {  
        "id": 5,  
        "name": "Not implemented"  
      },  
      {  
        "id": 6,  
        "name": "Account already exists"  
      },  
      {  
        "id": 7,  
        "name": "Cannot find account"  
      },  
      {  
        "id": 8,  

```

```
        "name": "Order already exists"
      },
      {
        "id": 9,
        "name": "Cannot find order"
      },
      {
        "id": 10,
        "name": "Position already exists"
      },
      {
        "id": 11,
        "name": "Cannot find position"
      },
      {
        "id": 12,
        "name": "Nominal value exceeded"
      },
      {
        "id": 13,
        "name": "Cannot find quote"
      },
      {
        "id": 14,
        "name": "Cannot create cross rate snapshot"
      }
    ],
    "end_of_batch": true
  }
}
```

OrderStatusListRequest

Package name:

order status list

Request response:

name	type	array	optional
<i>order_status</i>	OrderStatus	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "order status list",
    "serial": 15,
    "partial": false
  },
  "data": {}
}
```

Example responses:

```
{
  "header": {
    "type": "order status list response",
    "serial": 15
  },
  "data": {
    "result": "success",
    "order_status": [
      {
        "id_state": 1,
        "name": "pending new"
      },
      {
        "id_state": 2,
        "name": "new"
      },
      {
        "id_state": 3,
        "name": "accepted"
      },
      {
        "id_state": 4,
        "name": "rejected"
      },
      {
        "id_state": 6,
        "name": "pending cancel"
      },
      {
        "id_state": 7,
        "name": "canceled"
      },
      {
        "id_state": 8,
        "name": "pending modify"
      },
      {
        "id_state": 9,
        "name": "expired"
      },
      {
        "id_state": 10,
        "name": "filled"
      },
      {
        "id_state": 11,
        "name": "partial filled"
      },
      {
        "id_state": 12,
        "name": "activated"
      }
    ]
  },
}
```

```
        "end_of_batch": true
    }
}
```

OrderTypeListRequest

Package name:

order type list

Request response:

name	type	array	optional
<i>result</i>	String		
<i>types</i>	OrderType	x	

Example requests:

```
{
  "header": {
    "type": "order type list",
    "serial": 35,
    "partial": false
  },
  "data": {}
}
```

Example responses:

```
{
  "header": {
    "type": "order type list response",
    "serial": 35
  },
  "data": {
    "result": "success",
    "types": [
      {
        "id_dict_order_type": 1,
        "name": "market"
      },
      {
        "id_dict_order_type": 2,
        "name": "limit"
      }
    ],
    "end_of_batch": true
  }
}
```

PasswordRegexRequest

Admins can enforce additional security requirements by specifying a minimum password length or requiring special characters in passwords. Use this package to find out password requirements for users.

Package name:

password regex

Request response:

name	type	array	optional
<i>password_regex</i>	String		
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "password regex",
    "serial": 1
  },
  "data": {}
}
```

Example responses:

null

PendingOrderListRequest

Package name:

pending order list

Request parameters:

name	type	array	optional	description
<i>accounts</i>	Integer	x		
<i>from_datetime</i>	Integer		x	
<i>id_asset_class_list</i>	Integer	x	x	
<i>id_quote_list</i>	Integer	x	x	
<i>instrument_name</i>	String		x	
<i>to_datetime</i>	Integer		x	

Request response:

name	type	array	optional
<i>orders</i>	Order	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "pending order list",
    "serial": 450,
    "partial": false
  },
  "data": {
    "from_datetime": 1626127200,
    "to_datetime": 1626213599,
    "accounts": [
      6052201
    ],
    "id_quote_list": [
      1,
      2,
      3,
      5,
      6,
      7,
      8,
      9,
      10,
      11,
      12,
      13,
      14,
      21
    ],
    "id_asset_class_list": [
      1,
      2,
      3,
      4,
      5,
      6,
      7,
      8,
      9,
      10
    ]
  }
}
```

Example responses:

```
{
  "header": {
    "type": "pending order list response",
    "serial": 450
  },
  "data": {
    "result": "success",
    "orders": [
```

```
{
  "id_order": 19954361,
  "login": 6052201,
  "name": "MateuszTEST",
  "surname": "MateuszTEST",
  "group": "SaxoCashStocks",
  "nominal": "10.0000",
  "order_type": "market",
  "order_status": "pending cancel",
  "filled_nominal": "0.0000",
  "open_time": 1626164159607,
  "price": "187.45000",
  "expiry_time": 0,
  "margin": "0.00",
  "order_origin": "xStation 5",
  "side": "BUY",
  "id_account": 6052201,
  "instrument": "KGH.PL",
  "id_dict_quote": 6,
  "comment_clnt": "",
  "comment_sys": "",
  "tpSlPositionId": 0,
  "slippage": 0,
  "asset_class": 9,
  "nominal_value": "1874.50",
  "person_id": 1547942
},
{
  "id_order": 19954362,
  "login": 6052201,
  "name": "MateuszTEST",
  "surname": "MateuszTEST",
  "group": "SaxoCashStocks",
  "nominal": "10.0000",
  "order_type": "market",
  "order_status": "accepted",
  "filled_nominal": "0.0000",
  "open_time": 1626168118227,
  "price": "187.40000",
  "expiry_time": 0,
  "margin": "0.00",
  "order_origin": "xStation 5",
  "side": "BUY",
  "id_account": 6052201,
  "instrument": "KGH.PL",
  "id_dict_quote": 6,
  "comment_clnt": "",
  "comment_sys": "",
  "tpSlPositionId": 0,
  "slippage": 0,
  "asset_class": 9,
  "nominal_value": "1874.00",
  "person_id": 1547942
}
```

```
    ],  
    "end_of_batch": true  
  }  
}
```

PendingOrderReportListRequest

Package name:

pending order report list

Request parameters:

name	type	array	optional	description
<i>accounts</i>	Integer	x		
<i>from_datetime</i>	Integer			
<i>report_types</i>	Integer	x	x	
<i>to_datetime</i>	Integer			

Request response:

name	type	array	optional
<i>pending order reports</i>	PendingOrderReport	x	
<i>result</i>	String		

Example requests:

```
{  
  "header": {  
    "type": "pending order report list",  
    "serial": 338,  
    "partial": true  
  },  
  "data": {  
    "from_datetime": 1626127200,  
    "to_datetime": 1626170400,  
    "accounts": [  
      6000011  
    ],  
    "report_types": [  
      1  
    ]  
  }  
}
```

Example responses:

```
{  
  "header": {  
    "type": "pending order report list response",  
    "serial": 338  
  },  
  "data": {  
    "result": "success",  
  }  
}
```

```
"pending_order_reports": [  
  {  
    "id_pending_order_report": 17196707,  
    "report_create_time": 1626127210190,  
    "id_order": 12649953,  
    "id_position": 12290383,  
    "id_instrument": 608,  
    "instrument_name": "GBPPLN",  
    "id_asset_class": 1,  
    "id_order_type": 1,  
    "side": 2,  
    "id_pos_reference": 2,  
    "id_account": 6000011,  
    "id_status": 3,  
    "id_origin": 8,  
    "nominal": "0.1000",  
    "filled_nominal": "0.0000",  
    "price": "3.90000",  
    "activation_price": "3.90000",  
    "margin": "0.00",  
    "nominal_value": "0.00",  
    "order_create_time": 1591708119833,  
    "expiry_time": 0  
  }  
],  
"end_of_batch": true  
}
```

PersonGetPersonAccountInfoListRequest

Package name:

person get person account info list

Request parameters:

name	type	array	optional	description
<i>id_persons</i>	Integer	x		

Request response:

name	type	array	optional
<i>person_account_infos</i>	PersonAccountInfo	x	
<i>result</i>	String		

Example requests:

```
{  
  "header": {  
    "type": "person get person account info list",  
    "serial": 9430,  
    "partial": false  
  },  
}
```

```
    "data": {  
      "id_persons": [  
        1301030  
      ]  
    }  
  }  
}
```

Example responses:

```
{  
  "header": {  
    "type": "person get person account info list response",  
    "serial": 9430  
  },  
  "data": {  
    "result": "success",  
    "person_account_infos": [  
      {  
        "id_person": 1301030,  
        "id_account": 6032458,  
        "id_dict_ownership_type": 1  
      }  
    ],  
    "end_of_batch": true  
  }  
}
```

PersonInfoListByNameRequest

Package name:

person info list by name

Request parameters:

name	type	array	optional	description
<i>email</i>	String			
<i>login</i>	String			
<i>surname</i>	String			

Request response:

name	type	array	optional
<i>persons</i>	Person	x	
<i>result</i>	String		

Example requests:

```
{  
  "header": {  
    "type": "person info list by name",  
    "serial": 40  
  },  
  "data": {
```

```
        "surname": "",
        "login": "6026167",
        "email": ""
    }
}
```

Example responses:

```
{
  "header": {
    "type": "person info list by name response",
    "serial": 40
  },
  "data": {
    "result": "success",
    "persons": [
      {
        "id_person": 1333938,
        "id_country": 0,
        "country": "ANDORRA",
        "name": "test",
        "surname": "t",
        "city": "",
        "state": "",
        "address": "",
        "zip_code": "",
        "phone": "t",
        "email": "t",
        "login_str": "6026167",
        "login": 1333938,
        "create_time": 1568728299797,
        "update_time": 1568728299797,
        "id_number": ""
      }
    ],
    "end_of_batch": true
  }
}
```

PersonInfoListRequest

Package name:

person info list

Request parameters:

name	type	array	optional	description
<i>persons</i>	Integer	x		

Request response:

name	type	array	optional
<i>persons</i>	Person	x	

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "person info list",
    "serial": 51,
    "partial": false
  },
  "data": {
    "persons": [
      1547589,
      1547585,
      1547584
    ]
  }
}
```

Example responses:

```
{
  "header": {
    "type": "person info list response",
    "serial": 51
  },
  "data": {
    "result": "success",
    "persons": [
      {
        "id_person": 1547589,
        "id_country": 243,
        "country": "VIETNAM",
        "name": "TestName",
        "surname": "TestSurname",
        "city": "TestCity",
        "state": "",
        "address": "TestStreet",
        "zip_code": "",
        "phone": "+48500500500",
        "email": "form.test+20210518093804@xtb.com",
        "login_str": "form.test+20210518093804@xtb.com",
        "login": 1547589,
        "create_time": 1621319707341,
        "update_time": 1621323507287,
        "id_number": ""
      },
      {
        "id_person": 1547585,
        "id_country": 68,
        "country": "SPAIN",
        "name": "TestName",
        "surname": "TestSurname",
        "city": "TestCity",

```

```
        "state": "País Vasco",
        "address": "TestStreet, 456/123",
        "zip_code": "78910",
        "phone": "+48500500500",
        "email": "form.test+20210518092911@xtb.com",
        "login_str": "form.test+20210518092911@xtb.com",
        "login": 1547585,
        "create_time": 1621319707111,
        "update_time": 1621323001064,
        "id_number": ""
    },
    {
        "id_person": 1547584,
        "id_country": 186,
        "country": "PORTUGAL",
        "name": "TestName",
        "surname": "TestSurname",
        "city": "TestCity",
        "state": "",
        "address": "TestStreet, 456/123",
        "zip_code": "78910",
        "phone": "+48500500500",
        "email": "form.test+20210518092751@xtb.com",
        "login_str": "form.test+20210518092751@xtb.com",
        "login": 1547584,
        "create_time": 1621319706779,
        "update_time": 1621322911027,
        "id_number": ""
    }
],
"end_of_batch": true
}
```

PersonListByAccountListRequest

Package name:

person list by account list

Request parameters:

name	type	array	optional	description
<i>accounts</i>	Integer	x		

Request response:

name	type	array	optional
<i>persons</i>	Integer	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "person list by account list",
    "serial": 404
  },
  "data": {
    "accounts": [
      6052201
    ]
  }
}
```

Example responses:

```
{
  "header": {
    "type": "person list by account list response",
    "serial": 404
  },
  "data": {
    "result": "success",
    "persons": [
      1547942
    ],
    "end_of_batch": true
  }
}
```

PersonListRequest

Package name:

person list

Request response:

name	type	array	optional
<i>persons</i>	Integer	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "person list",
    "serial": 38,
    "partial": false
  },
  "data": {}
}
```

Example responses:

```
{
  "header": {
    "type": "person list response",
    "serial": 38
  },
  "data": {
    "result": "success",
    "persons": [
      1274134,
      1274135,
      1274136,
      1274138,
      1274139,
      1274141,
      1274142,
      1274143,
      1274144
    ],
    "end_of_batch": true
  }
}
```

PersonPromotionAssetClassNominalValueByPersonIdRequest

Package name:

person promotion asset class nominal value by person id

Permissions:

1. manager_promotion_view

Request parameters:

name	type	array	optional	description
<i>id_person</i>	Integer32			

Request response:

name	type	array	optional
<i>person_promotion_asset_class_nominal_value_list</i>	PersonPromotionAssetClassNominalValue	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "serial": 100,
    "type": "person promotion asset class nominal value by person id"
  },
  "data": {
```

```
        "id_person": 1510170
    }
}
```

Example responses:

```
{
  "header": {
    "type": "person promotion asset class nominal value by person id response",
    "serial": 100
  },
  "data": {
    "result": "success",
    "person_promotion_asset_class_nominal_value_list": [
      {
        "id_person": 1510170,
        "id_asset_class": 1,
        "used_promotion_nominal_value_eur": "2.42",
        "revision": 7
      },
      {
        "id_person": 1510170,
        "id_asset_class": 3,
        "used_promotion_nominal_value_eur": "1276.06",
        "revision": 7
      }
    ],
    "end_of_batch": true
  }
}
```

PersonPromotionAssetClassNominalValueRequest

Package name:

person promotion asset class nominal value

Permissions:

1. manager_promotion_view

Request response:

name	type	array	optional
<i>person_promotion_asset_class_nominal_value_list</i>	PersonPromotionAssetClassNominalValue	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "person promotion asset class nominal value",
    "serial": 105,
  }
}
```

```
        "partial": false
    },
    "data": {}
}
```

Example responses:

null

PingRequest

Package name:

ping

Request response:

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "ping",
    "serial": 61,
    "partial": false
  },
  "data": {}
}
```

Example responses:

```
{
  "header": {
    "type": "pong",
    "serial": 61
  },
  "data": {
    "result": "success",
    "end_of_batch": true
  }
}
```

PositionIdListRequest

Package name:

position id list

Request parameters:

name	type	array	optional	description
<i>accounts</i>	Integer	x		
<i>from</i>	Integer		x	

name	type	array	optional	description
<i>to</i>	Integer		x	

Request response:

name	type	array	optional
<i>positions</i>	Integer64	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "position id list",
    "serial": 2069,
    "partial": false
  },
  "data": {
    "accounts": [
      6000014
    ],
    "from": -1,
    "to": 1625867999
  }
}
```

Example responses:

```
{
  "header": {
    "type": "position id list response",
    "serial": 2069
  },
  "data": {
    "result": "success",
    "positions": [
      12822527,
      9661367
    ],
    "end_of_batch": true
  }
}
```

PositionInfoRequest

Package name:

position info

Request parameters:

name	type	array	optional	description
<i>id_position</i>	Integer32			

Request response:

name	type	array	optional
<i>position</i>	Position		
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "position info",
    "serial": 1949,
    "partial": false
  },
  "data": {
    "id_position": 7042504
  }
}
```

Example responses:

```
{
  "header": {
    "type": "position info response",
    "serial": 1949
  },
  "data": {
    "result": "success",
    "position": {
      "id_position": 7042504,
      "login": 6000003,
      "name": "Jan",
      "surname": "Kowalski",
      "group": "contestPLplnBASIC",
      "id_execution": 0,
      "nominal": "0.1000",
      "create_time": 1513170120526,
      "update_time": 1513170120526,
      "open_time": 0,
      "open_price": "27.86000",
      "side": "BUY",
      "instrument": "EUR.PL",
      "id_dict_quote": 6,
      "id_account": 6000003,
      "market_price": "14.00000",
      "swap": "-3.09",
      "commission": "0.00",
      "profit": "-1.39",
      "position_margin": "0.42",
      "comment_clnt": "",
      "currency": "PLN",
      "id_order": 7042451,
      "asset_class": 4,
      "nominal_value": "0.00",
      "collateral": "0",

```

```
"profit_conv": {
  "EUR": "-0.30",
  "USD": "-0.36"
},
"swap_conv": {
  "EUR": "-0.68",
  "USD": "-0.80"
},
"commission_conv": {
  "EUR": "0.00",
  "USD": "0.00"
},
"id_order_origin": 8,
"conversion_rate": "1.00000",
"rollover": "0.00",
"converted_info": {
  "profit_eur": "-0.30",
  "profit_usd": "-0.36",
  "swap_eur": "-0.68",
  "swap_usd": "-0.80",
  "commission_eur": "0.00",
  "commission_usd": "0.00",
  "rollover_eur": "0.00",
  "rollover_usd": "0.00"
}
},
"end_of_batch": true
}
```

PositionListRequest

Package name:

position list

Request parameters:

name	type	array	optional	description
<i>accounts</i>	Integer	x	x	
<i>positions</i>	Integer	x	x	

Request response:

name	type	array	optional
<i>positions</i>	Position	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "position list",
```

```
    "serial": 2070,  
    "partial": false  
  },  
  "data": {  
    "positions": [  
      12822527,  
      9661367  
    ]  
  }  
}
```

Example responses:

```
{  
  "header": {  
    "type": "position list response",  
    "serial": 2070  
  },  
  "data": {  
    "result": "success",  
    "positions": [  
      {  
        "id_position": 9661367,  
        "login": 6000014,  
        "name": "Dawid",  
        "surname": "Ptak",  
        "group": "contestPLplnBASICra",  
        "id_execution": 0,  
        "nominal": "1.0000",  
        "create_time": 1581603865860,  
        "update_time": 1581603865860,  
        "open_time": 0,  
        "open_price": "1.00000",  
        "side": "BUY",  
        "instrument": "USDPLN",  
        "id_dict_quote": 1,  
        "id_account": 6000014,  
        "market_price": "3.83620",  
        "swap": "-12140.00",  
        "commission": "0.00",  
        "profit": "283620",  
        "position_margin": "3921.05",  
        "comment_clnt": "",  
        "currency": "PLN",  
        "id_order": 9661620,  
        "asset_class": 1,  
        "nominal_value": "0.00",  
        "collateral": "0",  
        "profit_conv": {  
          "EUR": "62334.07",  
          "USD": "73795.02"  
        },  
        "swap_conv": {  
          "EUR": "-2668.13",  
          "USD": "-3158.70"  
        }  
      }  
    ]  
  }  
}
```

```
    },  
    "commission_conv": {  
        "EUR": "0.00",  
        "USD": "0.00"  
    },  
    "id_order_origin": 5,  
    "expiry_date": 1582153200000,  
    "conversion_rate": "1.00000",  
    "rollover": "0.00",  
    "converted_info": {  
        "profit_eur": "62334.07",  
        "profit_usd": "73795.02",  
        "swap_eur": "-2668.13",  
        "swap_usd": "-3158.70",  
        "commission_eur": "0.00",  
        "commission_usd": "0.00",  
        "rollover_eur": "0.00",  
        "rollover_usd": "0.00"  
    }  
},  
{  
    "id_position": 12822527,  
    "login": 6000014,  
    "name": "Dawid",  
    "surname": "Ptak",  
    "group": "contestPLplnBASICra",  
    "id_execution": 0,  
    "nominal": "0.1000",  
    "create_time": 1597823315887,  
    "update_time": 1597823315887,  
    "open_time": 0,  
    "open_price": "4.88000",  
    "side": "BUY",  
    "instrument": "EURPLN",  
    "id_dict_quote": 1,  
    "id_account": 6000014,  
    "market_price": "4.05000",  
    "swap": "42000.00",  
    "commission": "0.00",  
    "profit": "-8300",  
    "position_margin": "437.50",  
    "comment_clnt": "",  
    "currency": "PLN",  
    "id_order": 12822575,  
    "asset_class": 1,  
    "nominal_value": "0.00",  
    "collateral": "0",  
    "profit_conv": {  
        "EUR": "-1824.18",  
        "USD": "-2159.58"  
    },  
    "swap_conv": {  
        "EUR": "9230.77",  
        "USD": "10927.97"
```

```

    },
    "commission_conv": {
      "EUR": "0.00",
      "USD": "0.00"
    },
    "id_order_origin": 8,
    "conversion_rate": "1.00000",
    "rollover": "0.00",
    "converted_info": {
      "profit_eur": "-1824.18",
      "profit_usd": "-2159.58",
      "swap_eur": "9230.77",
      "swap_usd": "10927.97",
      "commission_eur": "0.00",
      "commission_usd": "0.00",
      "rollover_eur": "0.00",
      "rollover_usd": "0.00"
    }
  },
  "end_of_batch": true
}

```

PositionReferenceTypeListRequest

Package name:

position reference type list

Request response:

name	type	array	optional
<i>position_reference_types</i>	Dictionary	x	
<i>result</i>	String		

Example requests:

```

{
  "header": {
    "type": "position reference type list",
    "serial": 21,
    "partial": false
  },
  "data": {}
}

```

Example responses:

```

{
  "header": {
    "type": "position reference type list response",
    "serial": 21
  },
  "data": {

```

```
{
  "result": "success",
  "position_reference_types": [
    {
      "id": 1,
      "name": "take profit"
    },
    {
      "id": 2,
      "name": "stop loss"
    },
    {
      "id": 3,
      "name": "close order"
    },
    {
      "id": 4,
      "name": "mirror"
    }
  ],
  "end_of_batch": true
}
```

PositionReportIDListRequest

Package name:

position report id list

Request parameters:

name	type	array	optional	description
<i>account_list</i>	Integer	x		
<i>from_datetime</i>	Integer			
<i>to_datetime</i>	Integer			

Request response:

name	type	array	optional
<i>position_report_id_list</i>	Integer64	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "position report id list",
    "serial": 1425,
    "partial": true
  },
  "data": {
    "account_list": [
      6008747,

```

```
        6008748
    ],
    "from_datetime": 1625695200,
    "to_datetime": 1625781599
}
}
```

Example responses:

```
{
  "header": {
    "type": "position report id list response",
    "serial": 1425
  },
  "data": {
    "result": "success",
    "position_report_id_list": [
      34457590,
      34457589
    ],
    "endOfBatch": false,
    "end_of_batch": false
  }
}
```

PositionReportInfoListRequest

Package name:

position report info list

Request parameters:

name	type	array	optional	description
<i>position_report_id_list</i>	Integer64	x		

Request response:

name	type	array	optional
<i>position_report_list</i>	PositionReport	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "position report info list",
    "serial": 1440,
    "partial": true
  },
  "data": {
    "position_report_id_list": [
      34457590,
      34457589
    ]
  }
}
```

```
}  
}
```

Example responses:

```
{  
  "header": {  
    "type": "position report info list response",  
    "serial": 1440  
  },  
  "data": {  
    "result": "success",  
    "position_report_list": [  
      {  
        "id_position_report": 34457590,  
        "create_time": 1625695200007,  
        "id_position": 12450951,  
        "update_time": 1587716451956,  
        "id_instrument": 19,  
        "nominal": "0.1000",  
        "price": "1726.46000",  
        "margin": "86.32",  
        "margin_recalc_price": "1.00000",  
        "id_execution": 0,  
        "side": "BUY",  
        "id_account": 6010403,  
        "swap": "-33997.14",  
        "commission": "0.00",  
        "comment_clnt": "",  
        "market_price": "1803.34000",  
        "market_price_mid": "1803.62000",  
        "profit_loss_recalc_price": "1.17942",  
        "profit_loss": "906.74",  
        "profit_loss_eur": "768.80",  
        "swap_eur": "-28828.48",  
        "commission_eur": "0.00",  
        "profit_loss_usd": "906.74",  
        "swap_usd": "-33997.14",  
        "commission_usd": "0.00",  
        "spread_mod": "0.00000",  
        "nominal_value": "0.00",  
        "collateral": "0.00",  
        "rollover": "-97.60",  
        "rollover_eur": "-82.76",  
        "rollover_usd": "-97.60"  
      },  
      {  
        "id_position_report": 34457589,  
        "create_time": 1625695200007,  
        "id_position": 7111997,  
        "update_time": 1523440782824,  
        "id_instrument": 2,  
        "nominal": "0.5000",  
        "price": "3.53590",  
        "margin": "783.18",
```

```
        "margin_recalc_price": "1.04424",
        "id_execution": 0,
        "side": "BUY",
        "id_account": 6010403,
        "swap": "-5198.26",
        "commission": "0.00",
        "comment_clnt": "",
        "market_price": "4.13790",
        "market_price_mid": "4.13925",
        "profit_loss_recalc_price": "0.26162",
        "profit_loss": "7874.84",
        "profit_loss_eur": "6644.59",
        "swap_eur": "-4407.96",
        "commission_eur": "0.00",
        "profit_loss_usd": "7874.84",
        "swap_usd": "-5198.26",
        "commission_usd": "0.00",
        "spread_mod": "0.00000",
        "nominal_value": "0.00",
        "collateral": "0.00",
        "rollover": "0.00",
        "rollover_eur": "0.00",
        "rollover_usd": "0.00"
    }
},
"endOfBatch": true,
"end_of_batch": true
}
}
```

PositionReportRequest - DEPRECATED

Package name:

position report list

Example requests:

```
{
  "header": {
    "type": "position report list",
    "serial": 101
  },
  "data": {
    "id_position_report": 20,
    "create_time": 1559148610994,
    "id_position": 19964451,
    "update_time": 1559148619994,
    "id_instrument": 15,
    "nominal": 1.0,
    "price": 20.0,
    "margin": 2.0,
    "margin_recalc_price": 2.2,
    "id_execution": 0,

```

```
    "side": "BUY",
    "id_account": 6052201,
    "swap": 1.0,
    "commission": 1.0,
    "comment_clnt": "test",
    "market_price": 21.0,
    "market_price_mid": 20.5,
    "profit_loss_recalc_price": 15.0,
    "profit_loss": 16.0,
    "profit_loss_eur": 6.0,
    "swap_eur": 0.5,
    "commission_eur": 0.4,
    "profit_loss_usd": 7.0,
    "swap_usd": 0.7,
    "commission_usd": 0.6,
    "spread_mod": 1.0,
    "nominal_value": 15.0,
    "collateral": 2.0,
    "rollover": 0.1,
    "rollover_eur": 0.05,
    "rollover_usd": 0.05
  }
}
```

Example responses:

```
{
  "header": {
    "type": "position report list response",
    "serial": 101
  },
  "data": {
    "result": "Package deprecated",
    "position_report_list": [],
    "end_of_batch": true
  }
}
```

PositionStatusListRequest

Package name:

position status list

Request response:

name	type	array	optional
<i>position_status_list</i>	Dictionary	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "position status list",
```

```
    "serial": 30,  
    "partial": false  
  },  
  "data": {}  
}
```

Example responses:

```
{  
  "header": {  
    "type": "position status list response",  
    "serial": 30  
  },  
  "data": {  
    "result": "success",  
    "position_status_list": [  
      {  
        "id": 1,  
        "name": "OPEN"  
      },  
      {  
        "id": 2,  
        "name": "PARTIAL CLOSE"  
      },  
      {  
        "id": 3,  
        "name": "CLOSE"  
      },  
      {  
        "id": 4,  
        "name": "MODIFY_SL_TP"  
      },  
      {  
        "id": 5,  
        "name": "AGGREGATE"  
      }  
    ],  
    "end_of_batch": true  
  }  
}
```

PositionUpdateCommentRequest

It will change operation comment, which is displayed on position

Package name:

position update comment

Permissions:

1. make_correction

Request parameters:

name	type	array	optional	description
<i>comment</i>	String			
<i>id</i>	Integer			

Request response:

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "serial": 2,
    "type": "position update comment"
  },
  "data": {
    "id": 7003667,
    "comment": "Nowy testowy komentarz"
  }
}
```

Example responses:

```
{
  "header": {
    "type": "position update comment response",
    "serial": 2
  },
  "data": {
    "result": "success",
    "end_of_batch": true
  }
}
```

PushTypeListRequest

Package name:

push type list

Request response:

name	type	array	optional
<i>push_type_list</i>	Dictionary	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "push type list",
    "serial": 37,
  }
}
```

```
    "partial": false
  },
  "data": {}
}
```

Example responses:

```
{
  "header": {
    "type": "push type list response",
    "serial": 37
  },
  "data": {
    "result": "success",
    "push_type_list": [
      {
        "id": 0,
        "name": "Position"
      },
      {
        "id": 1,
        "name": "Swap"
      },
      {
        "id": 2,
        "name": "Order"
      },
      {
        "id": 3,
        "name": "Execution status"
      },
      {
        "id": 4,
        "name": "Account"
      },
      {
        "id": 5,
        "name": "Person"
      },
      {
        "id": 6,
        "name": "Account group"
      },
      {
        "id": 7,
        "name": "Ib account"
      },
      {
        "id": 8,
        "name": "Mam slave"
      },
      {
        "id": 9,
        "name": "Mam master"
      }
    ]
  }
}
```

```
{
  {
    "id": 10,
    "name": "Executor order"
  }
},
"end_of_batch": true
}
```

QuoteListRequest

Package name:

quote list

Request response:

name	type	array	optional
<i>quotes</i>	Quote	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "quote list",
    "serial": 12,
    "partial": false
  },
  "data": {}
}
```

Example responses:

```
{
  "header": {
    "type": "quote list response",
    "serial": 12
  },
  "data": {
    "result": "success",
    "quotes": [
      {
        "id_dict_quote": 1,
        "name": "FIXED"
      },
      {
        "id_dict_quote": 2,
        "name": "FLOAT"
      },
      {
        "id_dict_quote": 3,
        "name": "DEPTH"
      }
    ]
  }
}
```

```
        "id_dict_quote": 5,  
        "name": "STANDARD_MARKET"  
    },  
    {  
        "id_dict_quote": 6,  
        "name": "DMA"  
    },  
    {  
        "id_dict_quote": 7,  
        "name": "FXI"  
    },  
    {  
        "id_dict_quote": 8,  
        "name": "MATCH_TRADE"  
    },  
    {  
        "id_dict_quote": 9,  
        "name": "GUARDMARK"  
    },  
    {  
        "id_dict_quote": 10,  
        "name": "INSTITUTIONAL_DEPTH"  
    },  
    {  
        "id_dict_quote": 11,  
        "name": "CAPITALTRUST"  
    },  
    {  
        "id_dict_quote": 12,  
        "name": "INSTITUTIONAL_FIXED"  
    },  
    {  
        "id_dict_quote": 13,  
        "name": "INSTITUTIONAL_FLOAT"  
    },  
    {  
        "id_dict_quote": 14,  
        "name": "MARKET"  
    },  
    {  
        "id_dict_quote": 21,  
        "name": "MATCH_TRADE_DMA"  
    }  
],  
    "end_of_batch": true  
}  
}
```

RejectStopoutRequest

Package name:

reject stopout

Permissions:

1. dealer

Request parameters:

name	type	array	optional	description
<i>id_stopout</i>	Integer			

Request response:

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{
  "data": {
    "id_stopout": 7328038
  },
  "header": {
    "serial": 115,
    "type": "reject stopout"
  }
}
```

Example responses:

```
{
  "header": {
    "type": "reject stopout response",
    "serial": 115
  },
  "data": {
    "result": "success",
    "end_of_batch": true
  }
}
```

RemoveCommissionPatternRequest

Package name:

remove commission pattern

Request parameters:

name	type	array	optional	description
<i>commission_pattern_id</i>	Integer			

Request response:

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "remove commission pattern",
    "serial": 4768,
    "partial": false
  },
  "data": {
    "commission_pattern_id": 3880
  }
}
```

Example responses:

```
{
  "header": {
    "type": "remove commission pattern response",
    "serial": 4768
  },
  "data": {
    "result": "success",
    "end_of_batch": true
  }
}
```

RemoveIBCommissionPatternRequest

Package name:

remove ib commission pattern

Request parameters:

name	type	array	optional	description
<i>commission_pattern_id</i>	Integer			

Request response:

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "remove ib commission pattern",
    "serial": 4768,
    "partial": false
  },
  "data": {
    "commission_pattern_id": 4181
  }
}
```

Example responses:

```
{
  "header": {
    "type": "remove ib commission pattern response",
    "serial": 4768
  },
  "data": {
    "result": "success",
    "end_of_batch": true
  }
}
```

ReportTypeListRequest

Package name:

report type list

Request response:

name	type	array	optional
<i>report_type_list</i>	Dictionary	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "report type list",
    "serial": 34,
    "partial": false
  },
  "data": {}
}
```

Example responses:

```
{
  "header": {
    "type": "report type list response",
    "serial": 34
  },
  "data": {
    "result": "success",
    "report_type_list": [
      {
        "id": 1,
        "name": "Full report"
      },
      {
        "id": 2,
        "name": "Additional account group report"
      }
    ]
  }
}
```

```
        "end_of_batch": true
    }
}
```

RightListByRoleRequest

Package name:

right list by role id

Request parameters:

name	type	array	optional	description
<i>id_role</i>	Integer			

Request response:

name	type	array	optional
<i>dict_right_list</i>	Integer	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "right list by role id",
    "serial": 914,
    "partial": false
  },
  "data": {
    "id_role": 15
  }
}
```

Example responses:

```
{
  "header": {
    "type": "right list by role id response",
    "serial": 914
  },
  "data": {
    "result": "success",
    "dict_right_list": [
      12,
      55
    ],
    "end_of_batch": true
  }
}
```

RoleIDListRequest

Package name:

role list

Request response:

name	type	array	optional
<i>result</i>	String		
<i>roles</i>	Integer	x	

Example requests:

```
{
  "header": {
    "type": "role list",
    "serial": 22,
    "partial": false
  },
  "data": {}
}
```

Example responses:

```
{
  "header": {
    "type": "role list response",
    "serial": 22
  },
  "data": {
    "result": "success",
    "roles": [
      3265,
      3215,
      3175,
      3174,
      3173,
      3172,
      3171,
      3170,
      3169,
      3168,
      3167,
      3166,
      3165,
      3115,
      3017,
      3016,
      3015,
      2972,
      2971,
      269,
      1915,

```

RoleInfoListRequest

```
        "is_active": true,  
        "create_time": 1401093711508,  
        "update_time": 934373012,  
        "name": "Dealer_In_Forex",  
        "description": "Dealer",  
        "cu_id": 46  
    },  
    {  
        "id_role": 131,  
        "is_active": true,  
        "create_time": 1401093703068,  
        "update_time": 934364572,  
        "name": "Manager_In_Forex",  
        "description": "Manager",  
        "cu_id": 46  
    }  
],  
"end_of_batch": true  
}  
}
```

RolloverIDListRequest

Package name:

rollover id list

Permissions:

1. rollover_calendar_view

Request response:

name	type	array	optional
<i>result</i>	String		
<i>rollover id list</i>	Integer	x	

Example requests:

```
{  
  "data": {},  
  "header": {  
    "serial": 12,  
    "type": "rollover id list"  
  }  
}
```

Example responses:

```
{  
  "header": {  
    "type": "rollover id list response",  
    "serial": 12  
  },  
  "data": {
```

```
        "result": "success",
        "rollover id list": [
            455,
            753
        ],
        "end_of_batch": true
    }
}
```

RolloverListRequest

Package name:

rollover list

Permissions:

1. rollover_calendar_view

Request parameters:

name	type	array	optional	description
<i>rollover id list</i>	Integer	x		

Request response:

name	type	array	optional
<i>result</i>	String		
<i>rollover list</i>	Rollover	x	

Example requests:

```
{
  "header": {
    "type": "rollover list",
    "serial": 232
  },
  "data": {
    "rollover id list": [
      455,
      753
    ]
  }
}
```

Example responses:

```
{
  "header": {
    "type": "rollover list response",
    "serial": 232
  },
  "data": {
    "result": "success",
    "rollover list": [
      {

```

```
        "id_rollover": 455,  
        "id_instrument_base": 72,  
        "instrument_name": "US500",  
        "execution_date": 1594155660000,  
        "offset": "12.00000"  
    },  
    {  
        "id_rollover": 753,  
        "id_instrument_base": 2945,  
        "instrument_name": "11B.PL",  
        "execution_date": -3540000,  
        "offset": "10.00000"  
    }  
],  
"end_of_batch": true  
}
```

SetAccountPasswordRequest

Package name:

set account password

Permissions:

1. change_client_password

Request parameters:

name	type	array	optional	description
<i>login</i>	Integer			
<i>password</i>	String			

Request response:

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{  
  "header": {  
    "type": "set account password",  
    "serial": 249,  
    "partial": false  
  },  
  "data": {  
    "login": 6053853,  
    "password": "1234567"  
  }  
}
```

Example responses:

```
{
  "header": {
    "type": "set account password response",
    "serial": 249
  },
  "data": {
    "result": "success",
    "end_of_batch": true
  }
}
```

SetEnableAccountRequest

Package name:

set enable account

Permissions:

1. disable_account

Request parameters:

name	type	array	optional	description
<i>enable</i>	Boolean			
<i>id_account</i>	Integer			

Request response:

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{
  "data": {
    "id_account": 6000012,
    "enable": true
  },
  "header": {
    "serial": 5,
    "type": "set enable account"
  }
}
```

Example responses:

```
{
  "header": {
    "type": "set enable account response",
    "serial": 5
  },
  "data": {
    "result": "success",
  }
```

```
        "end_of_batch": true
    }
}
```

SetGrossEnableAccountRequest - DEPRECATED

Package name:

set gross account

Request parameters:

name	type	array	optional	description
<i>gross</i>	Boolean			
<i>id_account</i>	Integer			

Request response:

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "set gross account",
    "serial": 2751,
    "partial": false
  },
  "data": {
    "id_account": 6053918,
    "gross": false
  }
}
```

Example responses:

```
{
  "header": {
    "type": "set gross account response",
    "serial": 2751
  },
  "data": {
    "result": "success",
    "end_of_batch": true
  }
}
```

SetIbCommissionListRequest

Package name:

set ib commission list

Request parameters:

name	type	array	optional	description
<i>ib_commissions</i>	IbCommission	x		

Request response:

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "set ib commission list",
    "serial": 2064,
    "partial": false
  },
  "data": {
    "ib_commissions": [
      {
        "id_account_root": 6029252,
        "id_account_group": 1124,
        "id_commission_pattern": 562,
        "id_instrument_class": 152
      }
    ]
  }
}
```

Example responses:

```
{
  "header": {
    "type": "set ib commission list response",
    "serial": 2064
  },
  "data": {
    "result": "success",
    "end_of_batch": true
  }
}
```

SetLoggerLevelRequest

Package name:

set Logger Level

Request parameters:

name	type	array	optional	description
<i>Level</i>	String			

Request response:

name	type	array	optional
<i>result</i>	String		

SetPushRequest

Package name:

set push

Request parameters:

name	type	array	optional	description
<i>enable</i>	Boolean			
<i>push_id_list</i>	Integer	x	x	

Request response:

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "set push",
    "serial": 41,
    "partial": false
  },
  "data": {
    "enable": true,
    "push_id_list": null
  }
}
```

Example responses:

```
{
  "header": {
    "type": "set push response",
    "serial": 41
  },
  "data": {
    "result": "success",
    "end_of_batch": true
  }
}
```

SetTradeEnableAccountRequest

Package name:

set trade_enable account

Permissions:

1. `disable_account`

Request parameters:

name	type	array	optional	description
<code>id_account</code>	Integer			
<code>trade_enable</code>	Boolean			

Request response:

name	type	array	optional
<code>result</code>	String		

Example requests:

```
{
  "data": {
    "id_account": 6000012,
    "trade_enable": true
  },
  "header": {
    "serial": 5,
    "type": "set trade_enable account"
  }
}
```

Example responses:

```
{
  "header": {
    "type": "set trade_enable account response",
    "serial": 5
  },
  "data": {
    "result": "success",
    "end_of_batch": true
  }
}
```

SpreadModificationTypeListRequest

Package name:

spread modification type List

Request response:

name	type	array	optional
<code>result</code>	String		
<code>spread_modification_type</code>	Dictionary	x	

Example requests:

```
{
  "header": {
    "type": "spread modification type list",
    "serial": 36,
    "partial": false
  },
  "data": {}
}
```

Example responses:

```
{
  "header": {
    "type": "spread modification type list response",
    "serial": 36
  },
  "data": {
    "result": "success",
    "spread_modification_type": [
      {
        "id": 1,
        "name": "Spread modification in pips"
      },
      {
        "id": 2,
        "name": "Spread modification in %"
      }
    ],
    "end_of_batch": true
  }
}
```

StopoutModeListRequest

Package name:

stopout mode list

Request response:

name	type	array	optional
<i>result</i>	String		
<i>stopout_mode_list</i>	Dictionary	x	

Example requests:

```
{
  "header": {
    "type": "stopout mode list",
    "serial": 33,
    "partial": false
  },
}
```

```
    "data": {}  
}
```

Example responses:

```
{  
  "header": {  
    "type": "stopout mode list response",  
    "serial": 33  
  },  
  "data": {  
    "result": "success",  
    "stopout_mode_list": [  
      {  
        "id": 1,  
        "name": "Standard"  
      },  
      {  
        "id": 2,  
        "name": "Position margin"  
      },  
      {  
        "id": 3,  
        "name": "No debit"  
      }  
    ],  
    "end_of_batch": true  
  }  
}
```

SubAccountTypeListRequest

Package name:

subaccount type list

Request response:

name	type	array	optional
<i>result</i>	String		
<i>subaccount_type_list</i>	Dictionary	x	

Example requests:

```
{  
  "header": {  
    "type": "subaccount type list",  
    "serial": 39,  
    "partial": false  
  },  
  "data": {}  
}
```

Example responses:

```
{
  "header": {
    "type": "account list response",
    "serial": 39
  },
  "data": {
    "result": "success",
    "subaccount_type_list": [
      {
        "id": 1,
        "name": "SAVING_PORTFOLIO"
      }
    ],
    "end_of_batch": true
  }
}
```

TimeZoneListRequest

Package name:

time zone list

Request response:

name	type	array	optional
<i>result</i>	String		
<i>time_zones</i>	Dictionary	x	

Example requests:

```
{
  "header": {
    "type": "time zone list",
    "serial": 40,
    "partial": false
  },
  "data": {}
}
```

Example responses:

```
{
  "header": {
    "type": "time zone list response",
    "serial": 40
  },
  "data": {
    "result": "success",
    "time_zones": [
      {
        "id": 1,
        "name": "Europe/Warsaw"
      }
    ]
  }
}
```

```
    },  
    {  
      "id": 2,  
      "name": "America/New_York"  
    },  
    {  
      "id": 3,  
      "name": "America/Chicago"  
    },  
    {  
      "id": 4,  
      "name": "America/Sao_Paulo"  
    },  
    {  
      "id": 5,  
      "name": "Australia/Sydney"  
    },  
    {  
      "id": 6,  
      "name": "Asia/Seoul"  
    },  
    {  
      "id": 7,  
      "name": "Asia/Tokyo"  
    },  
    {  
      "id": 8,  
      "name": "Asia/Hong_Kong"  
    },  
    {  
      "id": 9,  
      "name": "Asia/Mumbai"  
    },  
    {  
      "id": 10,  
      "name": "Asia/Istanbul"  
    },  
    {  
      "id": 11,  
      "name": "Europe/Moscow"  
    },  
    {  
      "id": 12,  
      "name": "America/Santiago"  
    },  
    {  
      "id": 13,  
      "name": "America/Mexico_City"  
    },  
    {  
      "id": 14,  
      "name": "Europe/London"  
    }  
  ],  
]
```

```
        "end_of_batch": true
    }
}
```

TransferAccountRequest

Package name:

transfer account

Permissions:

- hide_transfer_account

Request parameters:

name	type	array	optional	description
<i>id_account</i>	Integer			
<i>id_person_from</i>	Integer			
<i>id_person_to</i>	Integer			

Request response:

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "transfer account",
    "serial": 350,
    "partial": false
  },
  "data": {
    "id_account": 6022787,
    "id_person_from": 1305835,
    "id_person_to": 1274212
  }
}
```

Example responses:

```
{
  "header": {
    "type": "transfer account response",
    "serial": 350
  },
  "data": {
    "result": "success",
    "end_of_batch": true
  }
}
```

UpdateAccountGroupRequest

Package name:

update account group

Permissions:

1. client_groups

Request parameters:

name	type	array	optional	description
<i>calc_swap</i>	Boolean			
<i>currency</i>	String			
<i>id_default_leverage</i>	Integer			
<i>id_group</i>	Integer			
<i>id_mirror_book</i>	Integer		x	
<i>id_stopout_mode</i>	Integer		x	
<i>max_dma_limit</i>	String			
<i>max_stock_limit</i>	String			
<i>max_trade_nominal</i>	String			
<i>trailing_stop</i>	Boolean		x	

Request response:

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "update account group",
    "serial": 198,
    "partial": false
  },
  "data": {
    "id_group": 9413,
    "currency": "AUD",
    "max_trade_nominal": "10",
    "id_stopout_mode": 1,
    "trailing_stop": false,
    "id_default_leverage": 6,
    "max_dma_limit": "1000000",
    "max_stock_limit": "1000000",
    "calc_swap": true,
    "id_mirror_book": 1
  }
}
```

Example responses:

```
{
  "header": {
    "type": "update account group response",
    "serial": 198
  },
  "data": {
    "result": "success",
    "end_of_batch": true
  }
}
```

UpdateAccountIBMAMRequest - DEPRECATED

Package name:

update account ib mam

Permissions:

1. disable_account

Request parameters:

name	type	array	optional	description
<i>account</i>	Integer			
<i>account_ib</i>	Integer		x	
<i>account_mam</i>	Integer		x	
<i>account_types</i>	Integer	x	x	

Request response:

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "update account ib mam",
    "serial": 3243
  },
  "data": {
    "account": 6053928,
    "account_ib": 6053851,
    "account_mam": 6026886
  }
}
```

Example responses:

```
{
  "header": {
    "type": "update account ib mam response",
    "serial": 3243
  }
}
```

```
    },  
    "data": {  
        "result": "success",  
        "end_of_batch": true  
    }  
}
```

UpdateAccountInfoOnlyRequest

Package name:

update account info only

Request parameters:

name	type	array	optional	description
<i>account_types</i>	Integer	x		
<i>bank_account</i>	String		x	
<i>group</i>	String			
<i>id_account</i>	Integer			
<i>id_dma_leverage</i>	Integer		x	
<i>id_ib_account</i>	Integer		x	
<i>id_leverage</i>	Integer		x	
<i>id_mam_account</i>	Integer		x	
<i>id_master_ib_account</i>	Integer		x	
<i>id_number</i>	String			
<i>is_gross</i>	Boolean			Deprecated, replaced by <i>margin_type</i>
<i>margin_type</i>	Integer			
<i>ref_account</i>	String		x	

Request response:

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{  
  "header": {  
    "type": "update account info",  
    "serial": 527,  
    "partial": false  
  },  
  "data": {  
    "id_account": 1816581,  
    "name": "Malgo",  
    "surname": "TestSurname",  
    "group": "testplnsePFtrading",  
    "country": "POLAND",  
    "city": "Warszawa",  
  }  
}
```

```
        "address": "Sezamkowa, 456/123",
        "state": "",
        "zip_code": "78910",
        "email": "4318977@uat.xtb.com",
        "bank_account": "",
        "ref_account": "123",
        "phone": "+48500500500",
        "id_number": "",
        "margin_type": 1
    }
}
```

Example responses:

```
{
  "header": {
    "type": "update account info only response",
    "serial": 527
  },
  "data": {
    "result": "success",
    "end_of_batch": true
  }
}
```

UpdateAccountInfoRequest

Package name:

update account info

Request parameters:

name	type	array	optional	description
<i>account_types</i>	Integer	x		
<i>address</i>	String			
<i>aggregate_group</i>	String		x	
<i>bank_account</i>	String			
<i>city</i>	String			
<i>country</i>	String			
<i>email</i>	String			
<i>group</i>	String			
<i>id_account</i>	Integer			
<i>id_dma_Leverage</i>	Integer		x	
<i>id_ib_account</i>	Integer		x	
<i>id_Leverage</i>	Integer		x	
<i>id_mam_account</i>	Integer		x	
<i>id_master_ib_account</i>	Integer		x	
<i>id_number</i>	String			

name	type	array	optional	description
<i>is_gross</i>	Boolean			Deprecated, replaced by <i>margin_type</i>
<i>margin_type</i>	Integer			
<i>name</i>	String			
<i>phone</i>	String			
<i>ref_account</i>	String			
<i>state</i>	String			
<i>surname</i>	String			
<i>zip_code</i>	String			

Request response:

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "update account info",
    "serial": 527,
    "partial": false
  },
  "data": {
    "id_account": 6034407,
    "name": "TestName",
    "surname": "TestSurname",
    "group": "reurczseF100",
    "country": "CZECH REPUBLIC",
    "city": "TestCity",
    "address": "TestStreet, 456/123",
    "state": "",
    "zip_code": "78910",
    "email": "form.test+20200508112519@xtb.com",
    "bank_account": "",
    "ref_account": "123",
    "phone": "+48500500500",
    "id_number": "",
    "margin_type": 1
  }
}
```

Example responses:

```
{
  "header": {
    "type": "update account info response",
    "serial": 527
  },
  "data": {
    "result": "success",
    "end_of_batch": true
  }
}
```

```
}  
}
```

UpdateAccountStatusRequest

Package name:

update account status

Permissions:

1. disable_account

Request parameters:

name	type	array	optional	description
<i>account_status</i>	Integer			
<i>id_account</i>	Integer			

Request response:

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{  
  "header": {  
    "type": "update account status",  
    "serial": 1636,  
    "partial": false  
  },  
  "data": {  
    "id_account": 6004786,  
    "account_status": 4  
  }  
}
```

Example responses:

```
{  
  "header": {  
    "type": "update account status response",  
    "serial": 1636  
  },  
  "data": {  
    "result": "success",  
    "end_of_batch": true  
  }  
}
```

UpdateAccountTaxRateRequest

Package name:

update account tax rate

Permissions:

1. account_tax_rate_settings

Request parameters:

name	type	array	optional	description
<i>accounts</i>	Integer	x		
<i>tax_rate_w8ben</i>	Integer		x	

Request response:

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "update account tax rate",
    "serial": 1057
  },
  "data": {
    "accounts": [
      1,
      2
    ],
    "tax_rate_w8ben": 30
  }
}
{
  "header": {
    "type": "update account tax rate",
    "serial": 1057
  },
  "data": {
    "accounts": [
      1,
      2
    ]
  }
}
```

Example responses:

```
{
  "header": {
    "type": "update account tax rate response",
    "serial": 1057
  }
}
```

```
    },  
    "data": {  
        "result": "success"  
    }  
}
```

UpdateCloseTradeCommentRequest

Package name:

update closed trade comment

Permissions:

1. make_correction

Request parameters:

name	type	array	optional	description
<i>comment</i>	String			
<i>id_closed_trade</i>	Integer			

Request response:

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{  
  "header": {  
    "type": "update closed trade comment",  
    "serial": 891,  
    "partial": false  
  },  
  "data": {  
    "id_closed_trade": 1101552,  
    "comment": "testtest"  
  }  
}
```

Example responses:

```
{  
  "header": {  
    "type": "update closed trade comment response",  
    "serial": 891  
  },  
  "data": {  
    "result": "success",  
    "end_of_batch": true  
  }  
}
```

UpdateCommissionPatternRequest

Package name:

update commission pattern

Request parameters:

name	type	array	optional	description
<i>calc_mode</i>	Integer		x	
<i>id_commission_pattern</i>	Integer			
<i>id_currency</i>	Integer			
<i>id_dict_commission</i>	Integer			
<i>id_dict_commission_daytrading</i>	Integer		x	
<i>min_value</i>	Decimal		x	
<i>min_value_daytrading</i>	Decimal		x	
<i>name</i>	String			
<i>transaction_value</i>	Decimal		x	
<i>transaction_value_daytrading</i>	Decimal		x	

Request response:

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "update commission pattern",
    "serial": 245,
    "partial": false
  },
  "data": {
    "id_commission_pattern": 3880,
    "name": "testd",
    "id_currency": 1,
    "id_dict_commission": 1,
    "transaction_value": "1.10",
    "min_value": "0.00",
    "transaction_value_daytrading": "0.0",
    "min_value_daytrading": "0.00",
    "calc_mode": 1
  }
}
```

Example responses:

```
{
  "header": {
    "type": "update commission pattern response",
    "serial": 245
  }
}
```

```
    },  
    "data": {  
      "result": "success",  
      "end_of_batch": true  
    }  
  }  
}
```

UpdateIBCommissionPatternRequest

Package name:

update ib commission pattern

Request parameters:

name	type	array	optional	description
<i>calc_mode</i>	Integer		x	
<i>id_commission_pattern</i>	Integer			
<i>id_currency</i>	Integer			
<i>id_dict_commission</i>	Integer			
<i>id_dict_commission_daytrading</i>	Integer		x	
<i>min_value</i>	Decimal		x	
<i>min_value_daytrading</i>	Decimal		x	
<i>name</i>	String			
<i>transaction_value</i>	Decimal		x	
<i>transaction_value_daytrading</i>	Decimal		x	

Request response:

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{  
  "header": {  
    "type": "update ib commission pattern",  
    "serial": 1  
  },  
  "data": {  
    "id_commission_pattern": 4182,  
    "name": "another test pattern",  
    "id_currency": 1,  
    "id_dict_commission": 1,  
    "transaction_value": "1.20",  
    "min_value": "0.50",  
    "id_dict_commission_daytrading": 2,  
    "transaction_value_daytrading": "1.0",  
    "min_value_daytrading": "0.5",  
    "calc_mode": 1  
  }  
}
```

```
}  
}
```

Example responses:

```
{  
  "header": {  
    "type": "update ib commission pattern response",  
    "serial": 250  
  },  
  "data": {  
    "result": "success",  
    "end_of_batch": true  
  }  
}
```

UpdateInstrumentGroupAccountGroupRequest

Package name:

update instrument group account group

Permissions:

1. *client_groups*

Request parameters:

name	type	array	optional	description
<i>account_group</i>	Integer			
<i>commission_pattern</i>	Integer		x	
<i>custom_margin</i>	Decimal		x	
<i>deviation</i>	Integer			
<i>instrument_class</i>	Integer			
<i>lots_step</i>	Decimal			
<i>margin_for_pending</i>	Boolean			
<i>margin_multiplier</i>	Decimal		x	Deprecated, replaced by <i>custom_margin</i>
<i>max_lots</i>	Decimal			
<i>max_nominal_value_eur</i>	Decimal		x	
<i>min_lots</i>	Decimal			
<i>modify_swap_long</i>	Decimal			
<i>modify_swap_short</i>	Decimal			
<i>offer</i>	Integer			
<i>spread_modification</i>	Decimal			

Request response:

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "update instrument group account group",
    "serial": 2
  },
  "data": {
    "account_group": 845,
    "instrument_class": 5,
    "spread_modification": "-15.00000",
    "min_lots": "0.01",
    "max_lots": "15.00",
    "lots_step": "0.01",
    "offer": 2,
    "deviation": 5,
    "modify_swap_short": "0.000000",
    "modify_swap_long": "0.000000",
    "margin_for_pending": false,
    "custom_margin": "1.00",
    "max_nominal_value_eur": "0"
  }
}
```

Example responses:

```
{
  "header": {
    "type": "update instrument group account group response",
    "serial": 2
  },
  "data": {
    "result": "success",
    "end_of_batch": true
  }
}
```

UpdateLedgerCommentRequest

Package name:

update ledger comment

Permissions:

1. make_correction

Request parameters:

name	type	array	optional	description
<i>comment</i>	String			
<i>id_ledger</i>	Integer			

Request response:

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "update ledger comment",
    "serial": 887,
    "partial": false
  },
  "data": {
    "id_ledger": 8269458,
    "comment": "BUY 4 @ 188.80 test"
  }
}
```

Example responses:

```
{
  "header": {
    "type": "update ledger comment response",
    "serial": 887
  },
  "data": {
    "result": "success",
    "end_of_batch": true
  }
}
```

UpdateMAMAccountAllocationRequest

Package name:

update mam account allocation

Request parameters:

name	type	array	optional	description
<i>account</i>	Integer			
<i>mam_allocation_id</i>	Integer			

Request response:

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "update mam account allocation",
    "serial": 3155,
    "partial": false
  }
}
```

```
    },  
    "data": {  
      "account": 6026170,  
      "mam_allocation_id": 2  
    }  
  }  
}
```

Example responses:

```
{  
  "header": {  
    "type": "update mam account allocation response",  
    "serial": 3155  
  },  
  "data": {  
    "result": "success",  
    "end_of_batch": true  
  }  
}
```

UpdateMAMCommissionRequest

Package name:

update mam commission

Request parameters:

name	type	array	optional	description
<i>account_id</i>	Integer			
<i>id</i>	Integer			
<i>management_fee_calculation_id</i>	Integer		x	
<i>management_fee_percent</i>	Decimal		x	
<i>management_fee_type_id</i>	Integer		x	
<i>success_fee_calculation_id</i>	Integer		x	
<i>success_fee_percent</i>	Decimal		x	
<i>success_fee_type_id</i>	Integer		x	

Request response:

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{  
  "header": {  
    "type": "update mam commission",  
    "serial": 3195,  
    "partial": false  
  },  
  "data": {  

```

```
        "id": 1057,  
        "account_id": 6026170,  
        "management_fee_percent": "37.00",  
        "management_fee_calculation_id": 1,  
        "management_fee_type_id": 1  
    }  
}
```

Example responses:

```
{  
  "header": {  
    "type": "update mam commission response",  
    "serial": 3195  
  },  
  "data": {  
    "result": "success",  
    "end_of_batch": true  
  }  
}
```

UpdatePersonAccountRequest

Package name:

update person account info

Permissions:

- 1. edit_personal_data
- 1. personal_data

Request parameters:

name	type	array	optional	description
<i>account_types</i>	Integer	x		
<i>bank_account</i>	String		x	
<i>group</i>	String			
<i>id_account</i>	Integer			
<i>id_dma_Leverage</i>	Integer		x	
<i>id_ib_account</i>	Integer		x	
<i>id_Leverage</i>	Integer		x	
<i>id_mam_account</i>	Integer		x	
<i>id_master_ib_account</i>	Integer		x	
<i>id_number</i>	String			
<i>is_gross</i>	Boolean			Deprecated, replaced by <i>margin_type</i>
<i>margin_type</i>	Integer			
<i>ref_account</i>	String		x	

Request response:

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "update person account info",
    "serial": 333
  },
  "data": {
    "id_account": 6054223,
    "group": "reuritaseF100",
    "id_leverage": 1,
    "id_dma_leverage": 6,
    "bank_account": "examplebank",
    "id_number": "",
    "margin_type": 1
  }
}
```

Example responses:

```
{
  "header": {
    "type": "update person account info response",
    "serial": 333
  },
  "data": {
    "result": "success",
    "end_of_batch": true
  }
}
```

UpdatePersonInfoRequest

Package name:

update person info

Permissions:

- edit_personal_data
- personal_data

Request parameters:

name	type	array	optional	description
<i>address</i>	String			
<i>city</i>	String			
<i>email</i>	String			
<i>id_country</i>	Integer			

name	type	array	optional	description
<i>id_person</i>	Integer			
<i>name</i>	String			
<i>phone</i>	String			
<i>state</i>	String			
<i>surname</i>	String			
<i>zip_code</i>	String			

Request response:

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "update person info",
    "serial": 9556,
    "partial": false
  },
  "data": {
    "id_person": 1,
    "id_country": 56,
    "name": "TestName",
    "surname": "TestSurname",
    "city": "TestCity",
    "address": "TestStreet, 456/123",
    "state": "",
    "phone": "+48500500500",
    "email": "form.test+20200319135216@xtb.com",
    "zip_code": "78910"
  }
}
```

Example responses:

```
{
  "header": {
    "type": "update person info response",
    "serial": 9556
  },
  "data": {
    "result": "success",
    "end_of_batch": true
  }
}
```

UpdatePositionSwapAndRolloverRequest

Package name:

update position swap and rollover

Permissions:

1. make_correction

Request parameters:

name	type	array	optional	description
<i>id_account</i>	Integer		x	
<i>id_position</i>	Integer64			
<i>rollover</i>	Decimal		x	
<i>swap</i>	Decimal			

Request response:

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "update position swap and rollover",
    "serial": 303
  },
  "data": {
    "id_position": 19964468,
    "swap": "0.10",
    "id_account": 6016852,
    "rollover": "0.10"
  }
}
```

Example responses:

```
{
  "header": {
    "type": "update position swap and rollover response",
    "serial": 303
  },
  "data": {
    "result": "success",
    "end_of_batch": true
  }
}
```

UpdatePositionSwapRequest

Package name:

update position swap

Permissions:

1. make_correction

Request parameters:

name	type	array	optional	description
<i>id_account</i>	Integer		x	
<i>id_position</i>	Integer64			
<i>rollover</i>	Decimal		x	
<i>swap</i>	Decimal			

Request response:

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "update position swap",
    "serial": 303
  },
  "data": {
    "id_position": 19964468,
    "swap": "0.10",
    "id_account": 6016852,
    "rollover": "0.10"
  }
}
```

Example responses:

```
{
  "header": {
    "type": "update position swap response",
    "serial": 303
  },
  "data": {
    "result": "success",
    "end_of_batch": true
  }
}
```

UpdateRoleRequest

Package name:

update user role

Permissions:

1. roles_access_rights

Request parameters:

name	type	array	optional	description
<i>description</i>	String			
<i>id_role</i>	Integer		x	
<i>name</i>	String			

Request response:

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "update user role",
    "serial": 945,
    "partial": false
  },
  "data": {
    "id_role": 3918,
    "name": "ROLA1100_3",
    "description": "ROLA1100_3"
  }
}
```

Example responses:

```
{
  "header": {
    "type": "update user role response",
    "serial": 945
  },
  "data": {
    "result": "success",
    "end_of_batch": true
  }
}
```

UpdateUserInfoRequest

Package name:

update user info

Permissions:

1. users

Request parameters:

name	type	array	optional	description
<i>id_user</i>	Integer			
<i>login</i>	String			
<i>name</i>	String			
<i>password</i>	String		x	
<i>role</i>	Integer			
<i>surname</i>	String			
<i>user_status</i>	Integer		x	

Request response:

name	type	array	optional
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "update user info",
    "serial": 126,
    "partial": false
  },
  "data": {
    "id_user": 5646,
    "name": "Chorwacja",
    "surname": "Hiszpania",
    "login": "3:5",
    "password": "xtb123",
    "role": 1,
    "user_status": 1
  }
}
```

Example responses:

```
{
  "header": {
    "type": "update user info response",
    "serial": 126
  },
  "data": {
```

```
        "result": "success",  
        "end_of_batch": true  
    }  
}
```

UserInfoListRequest

Package name:

user info list

Permissions:

1. users

Request response:

name	type	array	optional
<i>result</i>	String		
<i>users</i>	User	x	

Example requests:

```
{  
    "header": {  
        "type": "user info list",  
        "serial": 45,  
        "partial": false  
    },  
    "data": {}  
}
```

Example responses:

```
{  
    "header": {  
        "type": "user info list response",  
        "serial": 45  
    },  
    "data": {  
        "result": "success",  
        "users": [  
            {  
                "id_user": 4788,  
                "name": "Testing",  
                "surname": "Tester",  
                "login": "testerturk",  
                "pass_change_datetime": 1613409329,  
                "create_datetime": 1613409329,  
                "update_datetime": 1615902450,  
                "is_active": true,  
                "user_status": 1,  
                "role_id": 2815,  
                "is_deleted": false,  
                "pass_change_required": false,  
            }  
        ]  
    }  
}
```

```
        "company_unit_id": 34
    },
    {
        "id_user": 4988,
        "name": "test13222",
        "surname": "test13222",
        "login": "test13222",
        "pass_change_datetime": 1614327192,
        "create_datetime": 1614327192,
        "update_datetime": 1614327192,
        "is_active": true,
        "user_status": 1,
        "role_id": 1,
        "is_deleted": false,
        "pass_change_required": false,
        "company_unit_id": 1
    },
    {
        "id_user": 4188,
        "name": "ZMQ_XNOTIFIER_N1",
        "surname": "NIE KASOWAC!!!!",
        "login": "ZMQ_XNOTIFIER_N1",
        "pass_change_datetime": 1582889162,
        "create_datetime": 1582889162,
        "update_datetime": 1582889162,
        "is_active": true,
        "user_status": 1,
        "role_id": 1,
        "is_deleted": false,
        "pass_change_required": false,
        "company_unit_id": 1
    }
],
"end_of_batch": true
}
```

UserStatusTypeListRequest

Package name:

user status type list

Request response:

name	type	array	optional
<i>result</i>	String		
<i>user_status_types</i>	Dictionary	x	

Example requests:

```
{
    "header": {
        "type": "user status type list",
```

```
        "serial": 32,  
        "partial": false  
    },  
    "data": {}  
}
```

Example responses:

```
{  
  "header": {  
    "type": "user status type list response",  
    "serial": 32  
  },  
  "data": {  
    "result": "success",  
    "user_status_types": [  
      {  
        "id": 1,  
        "name": "Active"  
      },  
      {  
        "id": 2,  
        "name": "Inactive"  
      },  
      {  
        "id": 3,  
        "name": "Blocked"  
      }  
    ],  
    "end_of_batch": true  
  }  
}
```

VariableRequest

Package name:

variable

Request parameters:

name	type	array	optional	description
<i>name</i>	String			

Request response:

name	type	array	optional
<i>name</i>	String		
<i>result</i>	String		
<i>value</i>	String		

Example requests:

```
{
  "header": {
    "type": "variable",
    "serial": 3,
    "partial": false
  },
  "data": {
    "name": "banner"
  }
}
```

Example responses:

```
{
  "header": {
    "type": "variable response",
    "serial": 3
  },
  "data": {
    "result": "success",
    "name": "banner",
    "value": "xManagerServer (default dev real)\n",
    "end_of_batch": true
  }
}
```

WLAccountGroupIDListRequest

Package name:

hedge account group list

Request parameters:

name	type	array	optional	description
<i>id_account</i>	Integer			

Request response:

name	type	array	optional
<i>account_groups</i>	Integer	x	
<i>result</i>	String		

Example requests:

```
{
  "header": {
    "type": "hedge account group list",
    "serial": 223,
    "partial": false
  },
  "data": {
    "id_account": 6004351
  }
}
```

```
}  
}
```

Example responses:

```
{  
  "header": {  
    "type": "hedge account group list response",  
    "serial": 223  
  },  
  "data": {  
    "result": "success",  
    "account_groups": [  
      9365,  
      6814,  
      388,  
      8413  
    ],  
    "end_of_batch": true  
  }  
}
```

WLSummaryListRequest

Package name:

report abook transactions adequacy

Permissions:

1. reconciliation_report

Request parameters:

name	type	array	optional	description
<i>account_group_id_list</i>	Integer	x		
<i>from_datetime</i>	Integer			
<i>id_account</i>	Integer			
<i>to_datetime</i>	Integer			
<i>type</i>	Integer		x	

Request response:

name	type	array	optional
<i>abook_transactions_adequacy_list</i>	WLSummary	x	
<i>result</i>	String		

Example requests:

```
{  
  "header": {  
    "type": "report abook transactions adequacy new",  
    "serial": 1057,  
    "partial": false  
  }  
}
```

```
},
"data": {
  "account_group_id_list": [
    8069
  ],
  "from_datetime": -1,
  "to_datetime": 2761199,
  "type": 1,
  "id_account": 6004351
}
}
```

Example responses:

```
{
  "header": {
    "type": "report abook transactions adequacy new response",
    "serial": 1057
  },
  "data": {
    "result": "success",
    "abook_transactions_adequacy_list_new": [
      {
        "id_account": 6000333,
        "id_origin": "1010101",
        "id_side": 5000,
        "instrument_name": "test",
        "id_asset_class": 55,
        "account_order": {
          "id_order": 1111111,
          "mirror_id": 1111111,
          "execution_id": 1111111,
          "execution_price": 50.0,
          "execution_time": 1111111,
          "side": 1,
          "filled_nominal": 5.0,
          "price_diff": 3.0,
          "price_gain": 2.0
        },
        "mirror_orders": [
          {
            "id_order": 1111111,
            "mirror_id": 1111111,
            "execution_id": 1111111,
            "execution_price": 50.0,
            "execution_time": 1111111,
            "side": 1,
            "filled_nominal": 5.0,
            "price_diff": 3.0,
            "price_gain": 2.0
          }
        ]
      }
    ]
  },
  "end_of_batch": true
}
```

} }