

HTTPS://APERIUM.IO
AUTOMATED TRADING PLATFORM

APERIUM REST-API INTEGRATION

GENERAL RULES:

All operations use MIME type: `application/json`

FEATURES:

- 1 New Signal**
- 2 Continuous Strategy Orders**
- 3 Querying your Signals**
- 4 Get API Restrictions**

1 FEATURE: New Signal

Endpoint: <https://executer.aperium.io/signal/manager>

Request Method: **POST**

request.body params	Rule	Example
userkey	Trading Key provided to partner	
loggedUser	Username of main leader account	"ProTrader"
email	Email of main leader account	"protrader@gmail.com"
groupAccount	Optional, only if loggedUser belongs to a pool of traders led by the groupAccount name.	"LeaderProAccount"
product	MANAGED: managed signals subject to changes; FUTURES: Signals addressed to futures market	"MANAGED"
action	Enum["NEW", "UPDATE", "TERMINATE", "IGNORE"] UPDATE is allowed only for product MANAGED	"NEW"
symbol	Pair to be traded	"ETHUSDT"
leverage	Operation Leverage	1
position	Enum ["LONG", "SHORT"]	"LONG"
strategy	Strategy name	"Aggressive"
percentEntry	% of wallet for the Buy operation.	20
entryBegin	Initial value of buy range	350.00
entryEnd	End value of buy range	351.85
target1	Value of takeProfit1	361.4
target2	Value of takeProfit2	390.90
target3	Value of takeProfit3	420.00
stopLoss	Value for stopLoss	325.80
raiseStop	Enum["MANUAL", "PHASED1", "PHASED2"].	"MANUAL"
volume1	Percentage of entry to be sold on target1. Only applicable for MANAGED	50
volume2	Percentage of entry to be sold on target2. Only applicable for MANAGED	30
volume3	Percentage of entry to be sold on target3. Only applicable for MANAGED	20
message	Any extra signal message to show on Telegram	"This is a test"

Response with ERR:

- Response.status: 400
- Err messages may be provided on err.response.data.message

Response OK:

- Response.status: 200

HTTPS://APERIUM.IO

AUTOMATED TRADING PLATFORM

- Response.data: JSON User Object with
response.data.count = <number of clients who received the signal>

Example for a BASIC signal request:

```
{  
  action: "NEW"  
  loggedUser: "ProTrader",  
  email: "protrader@gmail.com",  
  strategy: "myStrategy",  
  position: "LONG",  
  leverage: "1",  
  product: "MANAGED",  
  symbol: "ETHUSDT",  
  entryBegin: 350.00,  
  entryEnd: 351.85,  
  target1: 361.4,  
  target2: 390.90,  
  target3: 420.00,  
  stopLoss: 325.80  
}
```

2 FEATURE: Continuous Strategy Orders

Endpoint: <https://parser.aperium.io/trade/order>

Request Method: **POST**

request.body params	Rule	Example
userkey	Trading Key provided to user	
loggedUser	Username of main leader account	"ProTraderSignals"
email	Email of main leader account	"protrader@gmail.com"
groupAccount	Optional: only if loggedUser belongs to a pool of traders led by the groupAccount name.	"LeaderProAccount"
product	Optional: Product name	
symbol	Pair to be traded	"ETHUSDT"
mode	Enum ["test", "real"]	"real"
price	Approximate price on the exchange	350.49
strategy	Strategy name	"Aggressive"
market	"SPOT" or "FUTURES"	"FUTURES"
leverage	Operation Leverage	2
side	Enum ["BUY", "SELL"]	"BUY"
prevPosition	Enum ["long", "short", "flat"]	"flat"
currPosition	Enum ["long", "short", "flat"]	"long"
allowedPosition	Enum ["long", "short"]	"long"
period	"5m", "15m", "30m", "1h", "2h", "4h", "6h", "12h", "1d"	"1h"
fundingRate	Maximum limit to enable entry on Longs	1.5
lsRatio	Maximum LongShort ratio to enable entry on Longs	1.5
percentEntry	% of wallet only applicable for BUY operation. Default 20% if not informed	10
percentExit	% of position applicable to SELL operations. Default 100% if not informed	
message	Any extra signal message to show on Telegram	"This is a test"

Response with ERR:

- Response.status: 400
- Err messages may be provided on err.response.data.message

Response OK:

- Response.status: 200
- Response.data: JSON User Object with response.data = <success message>

Example for an order request:

```
{  
  "userkey": "myKey ...",
```

HTTPS://APERIUM.IO

AUTOMATED TRADING PLATFORM

```
"loggedUser": "demo",  
"strategy": "myStrategy",  
"email": "demo@aperium.io",  
"market": "FUTURES",  
"symbol": "BTCUSDT",  
"percentEntry": 50,  
"currPosition": "flat",  
"prevPosition": "short",  
"lsRatio": 1.5,  
"price": 11027.00,  
"side": "BUY"  
}
```

3 FEATURE: Querying your Signals

Endpoint: <https://executer.aperium.io/signal/api/list2>

Request Method: **POST**

request.body params	Rule	Example
userkey	Trading Key provided to user	
email	Email of main leader account	"protrader@gmail.com"
loggedUser	Username of main leader account	"ProTraderSignals"
startDate	Period begin	"2021-10-01"
endDate	Period end	"2021-12-01"

Response with ERR:

- Response.status: 400
- Err messages may be provided on err.response.data.message

Response OK:

- Response.status: 200
- Response.data: JSON Signals Object with response.data = <success message>

Example for signal query request:

```
{  
  "userkey": "my aperium key",  
  "email": "myemail@gmail.com",  
  "username": "myAperiumUsername",  
  "dateType": "close",  
  "status": "CLOSED",  
  "startDate": "2021-11-01",  
  "endDate": "2021-12-01"  
}
```

Example for signal query response:

```
[  
  {  
    "product": "FUTURES",  
    "fund": "General",  
    "trader": "Trader_2",  
    "symbol": "BNBUSDT",  
    "position": "LONG",  
    "leverage": 2,  
  }  
]
```

HTTPS://APERIUM.IO
AUTOMATED TRADING PLATFORM

```
    "entry": 602.98356,  
    "target1": 609,  
    "reach1": "x",  
    "target2": 640,  
    "reach2": "",  
    "target3": 0,  
    "reach3": "",  
    "stop": 598,  
    "reachSL": "x",  
    "entryVolume": 5,  
    "t1Volume": 60,  
    "t2Volume": 40,  
    "t3Volume": 0,  
    "closeDay": "18/11/2021",  
    "closeHour": "19:52:27",  
    "createDay": "05/11/2021",  
    "createHour": "23:11:48",  
    "raiseStop": "manual",  
    "initSL": 598  
  },  
  { ... }  
]
```

4 FEATURE: Get API Restrictions

Endpoint: <https://executer.aperium.io/admin/apirestrictions>

Request Method: **POST**

request.body params	Rule	Example
api	Trading Key provided to leader partner	
email	Email of client to be queried	"john@gmail.com"

Response with ERR:

- Response.status: 400
- Err messages may be provided on err.response.data.message

Response OK:

- Response.status: 200
- Response.data: JSON Signals Object with
response.data = <success message>

Example of query request:

```
{  
  "apy": "my aperium api key",  
  "email": "john@gmail.com"  
}
```

Example of query response:

```
{  
  "email": "john@gemil.com",  
  "tradingAuthorityExpirationTime": 1658534400000,  
  "enableFutures": false  
}}
```