Trading212 Public API (v0)

Download OpenAPI specification: Download

Instruments Metadata

Tradeable instruments metadata

Exchange List

Fetch all exchanges and their corresponding working schedules that your account has access to

GET /api/v0/equity/metadata/exchanges Try it

Request samples

curl NodeJs Python Java Go

Copy Expand all Collapse all

```
import requests

url = "https://demo.trading212.com/api/v0/equity/metadata/exchanges"

headers = {"Authorization": "YOUR_API_KEY_HERE"}

response = requests.get(url, headers=headers)

data = response.json()
print(data)
```

Response samples ~

200

```
application/json
```

```
[
- {
    "id": 0,
    "name": "string",
    + "workingSchedules": [ ... ]
}
```

Instrument List

Fetch all instruments that your account has access to

```
Security > apiKeyHeader
```

```
Responses >
```

```
401 Bad API key

403 Scope( metadata ) missing for API key

408 Timed-out

429 Limited: 1 / 50s
```

```
GET /api/v0/equity/metadata/instruments > Try it

Request samples 

curl NodeJs Python Java Go
```

Copy

```
import requests

url = "https://demo.trading212.com/api/v0/equity/metadata/instruments"

headers = {"Authorization": "YOUR_API_KEY_HERE"}

response = requests.get(url, headers=headers)

data = response.json()
print(data)
```

Response samples

Copy Expand all Collapse all

```
[
    "addedOn": "2019-08-24T14:15:22Z",
    "currencyCode": "USD",
    "isin": "string",
    "maxOpenQuantity": 0,
    "minTradeQuantity": 0,
    "name": "string",
    "shortName": "string",
    "ticker": "AAPL_US_EQ",
    "type": "ETF",
    "workingScheduleId": 0
}
```

Pies

Endpoints for managing pies

Fetch all pies

Fetches all pies for the account

Security > apiKeyHeader

```
Responses >

200 OK 

401 Bad API key

403 Scope( pies:read ) missing for API key
```

408 Timed-out

429 Limited: 1 / 30s

```
GET /api/v0/equity/pies > Try it

Request samples 

curl NodeJs Python Java Go
```

Сору

```
import requests

url = "https://demo.trading212.com/api/v0/equity/pies"

headers = {"Authorization": "YOUR_API_KEY_HERE"}

response = requests.get(url, headers=headers)

data = response.json()
print(data)
```

Response samples V

200

application/json

```
[
- {
    "cash": 0,
    + "dividendDetails": { ... },
    "id": 0,
    "progress": 0.5,
    + "result": { ... },
    "status": "AHEAD"
    }
]
```

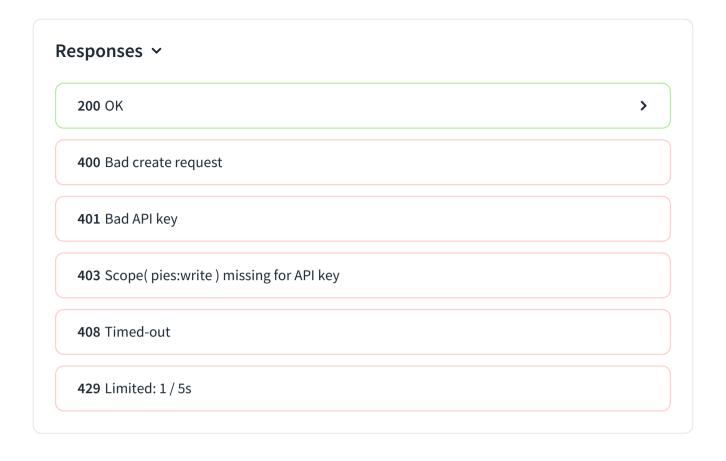
Create pie

Creates a pie for the account by given params

```
Security > apiKeyHeader
```

```
REQUEST BODY SCHEMA: application/json
required

dividendCashAction
string
Enum: "REINVEST" "TO_ACCOUNT_CASH"
endDate
string <date-time>
goal
number
Total desired value of the pie in account currency
icon
string
instrumentShares >
object
name
string
```





Payload curl NodeJs Python Java 1 more v

Сору

```
import requests
url = "https://demo.trading212.com/api/v0/equity/pies"
payload = {
  "dividendCashAction": "REINVEST",
  "endDate": "2019-08-24T14:15:22Z",
  "goal": 0,
  "icon": "string",
  "instrumentShares": {
   "AAPL_US_EQ": 0.5,
   "MSFT_US_EQ": 0.5
 },
  "name": "string"
headers = {
  "Content-Type": "application/json",
 "Authorization": "YOUR_API_KEY_HERE"
}
response = requests.post(url, json=payload, headers=headers)
data = response.json()
print(data)
```

Response samples

```
application/json
```

```
Copy Expand all Collapse all
- "instruments": [
 + { ... }
 ],
- "settings": {
    "creationDate": "2019-08-24T14:15:22Z",
    "dividendCashAction": "REINVEST",
    "endDate": "2019-08-24T14:15:22Z",
    "goal": 0,
    "icon": "string",
    "id": 0,
    "initialInvestment": 0,
  + "instrumentShares": { ... },
    "name": "string",
    "publicUrl": "string"
 }
```

Delete pie

Deletes a pie by given id

```
Security > apiKeyHeader
```

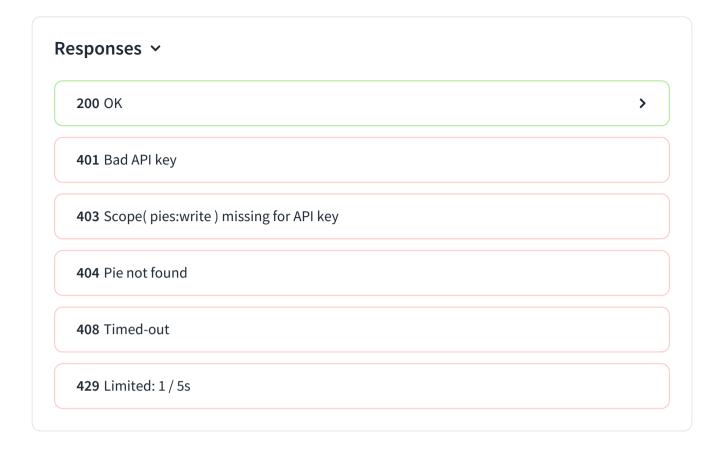
```
Request >

PATH PARAMETERS

id

required

integer < int64>
```



```
DELETE /api/v0/equity/pies/{id} > Try it

Request samples 

curl NodeJs Python Java Go
```

Сору

```
import requests

id = "YOUR_id_PARAMETER"

url = "https://demo.trading212.com/api/v0/equity/pies/" + id

headers = {"Authorization": "YOUR_API_KEY_HERE"}

response = requests.delete(url, headers=headers)

data = response.json()
print(data)
```

```
Response samples V
```

200

application/json

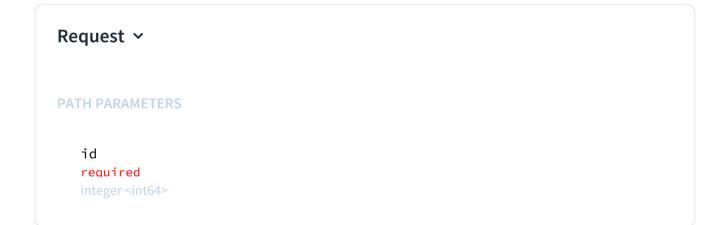
Сору

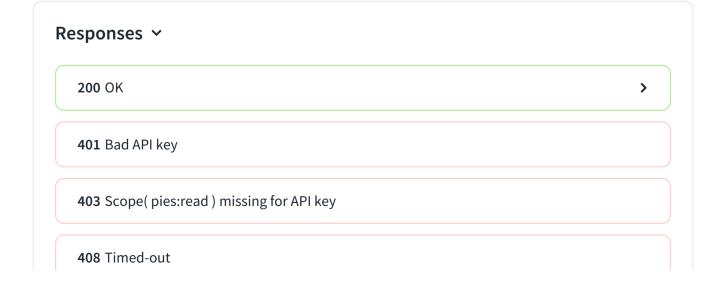
{ }

Fetch a pie

Fetches a pies for the account with detailed information

Security > apiKeyHeader





429 Limited: 1 / 5s

```
GET /api/v0/equity/pies/{id} > Try it

Request samples 

curl NodeJs Python Java Go
```

Сору

```
import requests

id = "YOUR_id_PARAMETER"

url = "https://demo.trading212.com/api/v0/equity/pies/" + id

headers = {"Authorization": "YOUR_API_KEY_HERE"}

response = requests.get(url, headers=headers)

data = response.json()
print(data)
```

Response samples

200

```
application/json
```

Update pie

Updates a pie for the account by given params

```
Security > apiKeyHeader
```

```
Request Y

PATH PARAMETERS

id
required
integer <int64>
```

```
REQUEST BODY SCHEMA: application/json
required

dividendCashAction
string
Enum: "REINVEST" "TO_ACCOUNT_CASH"

endDate
string <date-time>
goal
number
Total desired value of the pie in account currency
icon
string
instrumentShares >
object
name
string
```

Payload curl NodeJs Python Java 1 more ~

Сору

```
import requests
id = "YOUR_id_PARAMETER"
url = "https://demo.trading212.com/api/v0/equity/pies/" + id
payload = {
  "dividendCashAction": "REINVEST",
  "endDate": "2019-08-24T14:15:22Z",
  "goal": 0,
  "icon": "string",
  "instrumentShares": {
   "AAPL_US_EQ": 0.5,
   "MSFT_US_EQ": 0.5
 },
 "name": "string"
headers = {
 "Content-Type": "application/json",
  "Authorization": "YOUR_API_KEY_HERE"
}
response = requests.post(url, json=payload, headers=headers)
data = response.json()
print(data)
```

Response samples ~

```
application/json
```

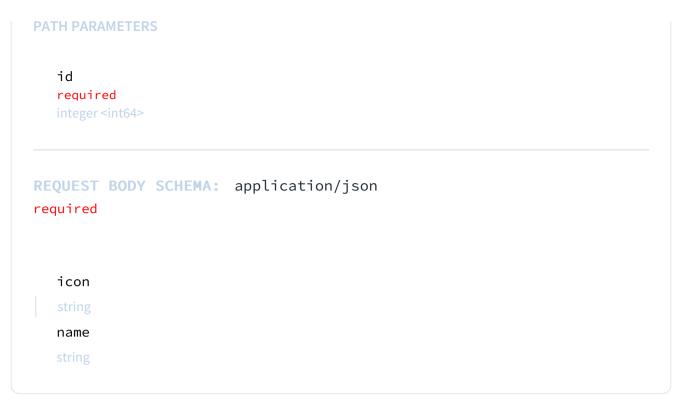
```
Copy Expand all Collapse all
- "instruments": [
 + { ... }
 ],
- "settings": {
    "creationDate": "2019-08-24T14:15:22Z",
    "dividendCashAction": "REINVEST",
    "endDate": "2019-08-24T14:15:22Z",
    "goal": 0,
    "icon": "string",
    "id": 0,
    "initialInvestment": 0,
  + "instrumentShares": { ... },
    "name": "string",
    "publicUrl": "string"
 }
```

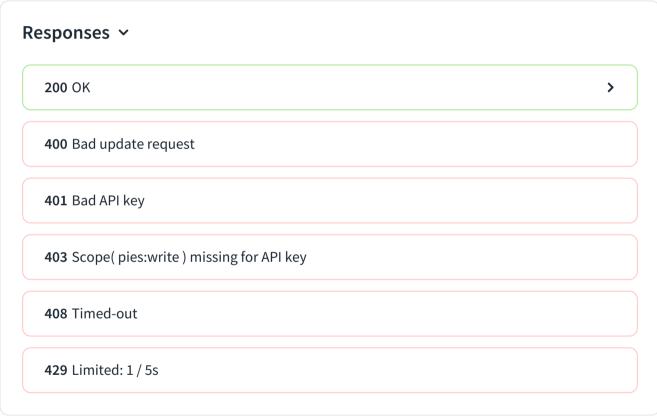
Duplicate pie

Duplicates a pie for the account

```
Security > apiKeyHeader
```

```
Request >
```





POST /api/v0/equity/pies/{id}/duplicate > Try it

Request samples

Payload curl NodeJs Python Java 1 more >

```
import requests

id = "YOUR_id_PARAMETER"

url = "https://demo.trading212.com/api/v0/equity/pies/" + id + "/duplica

payload = {
    "icon": "string",
    "name": "string"
}

headers = {
    "Content-Type": "application/json",
    "Authorization": "YOUR_API_KEY_HERE"
}

response = requests.post(url, json=payload, headers=headers)

data = response.json()
print(data)
```

Response samples ~

200

```
"dividendCashAction": "REINVESI",
    "endDate": "2019-08-24T14:15:22Z",
    "goal": 0,
    "icon": "string",
    "id": 0,
    "initialInvestment": 0,
+ "instrumentShares": { ... },
    "name": "string",
    "publicUrl": "string"
}
```

Equity Orders

Order information and dispatcher

Fetch all

429 Limited: 1 / 5s

curl NodeJs Python Java Go

Сору

```
import requests

url = "https://demo.trading212.com/api/v0/equity/orders"

headers = {"Authorization": "YOUR_API_KEY_HERE"}

response = requests.get(url, headers=headers)

data = response.json()
print(data)
```

Response samples ~

200

application/json

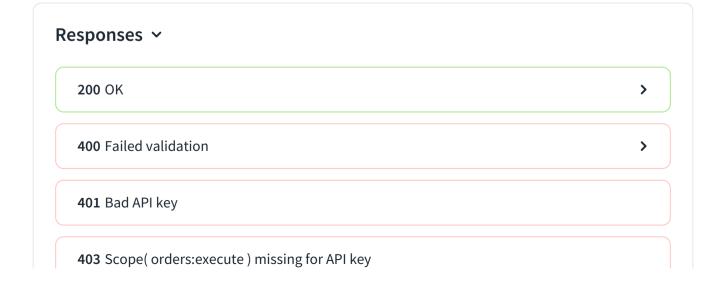
```
Expand all
                                                            Collapse all
                                         Copy
- {
    "creationTime": "2019-08-24T14:15:22Z",
    "filledQuantity": 0,
    "filledValue": 0,
    "id": ⊙,
    "limitPrice": 0,
    "quantity": 0,
    "status": "LOCAL",
    "stopPrice": 0,
    "strategy": "QUANTITY",
    "ticker": "AAPL_US_EQ",
    "type": "LIMIT",
    "value": 0
  }
```

Place Limit order

Security > apiKeyHeader

```
REQUEST BODY SCHEMA: application/json required

limitPrice
number
quantity
number
ticker
string
timeValidity
string
Expiration
Enum: "DAY" "GOOD_TILL_CANCEL"
```



408 Timed-out

429 Limited: 1 / 2s

```
POST /api/v0/equity/orders/limit > Try it

Request samples >

Payload curl NodeJs Python Java 1 more >
```

Сору

```
import requests

url = "https://demo.trading212.com/api/v0/equity/orders/limit"

payload = {
    "limitPrice": 100.23,
    "quantity": 0.1,
    "ticker": "AAPL_US_EQ",
    "timeValidity": "DAY"
}

headers = {
    "Content-Type": "application/json",
    "Authorization": "YOUR_API_KEY_HERE"
}

response = requests.post(url, json=payload, headers=headers)

data = response.json()
print(data)
```

Decrees complete

200 400

```
application/json

{
    "creationTime": "2019-08-24T14:15:22Z",
    "filledQuantity": 0,
    "id": 0,
    "limitPrice": 0,
    "quantity": 0,
    "status": "LOCAL",
    "stopPrice": 0,
    "strategy": "QUANTITY",
    "ticker": "AAPL_US_EQ",
    "type": "LIMIT",
    "value": 0
}
```

Сору

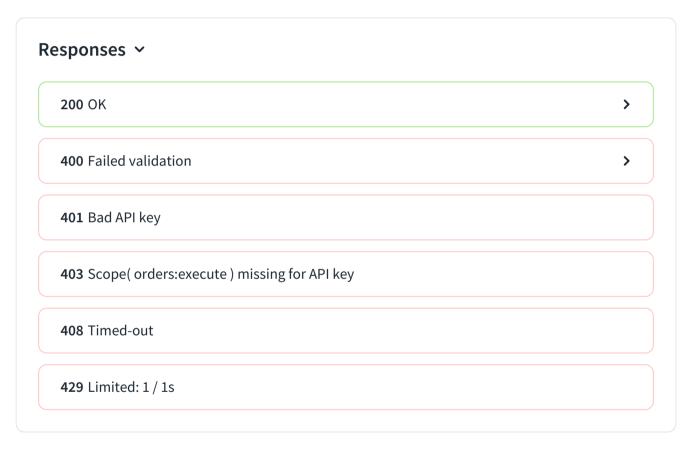
Place Market order

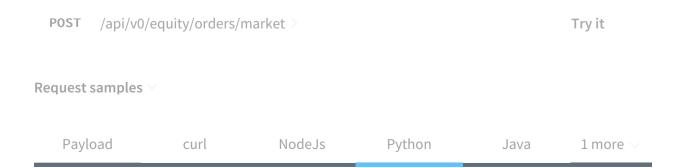
Security > apikeyHeader

```
Request >

REQUEST BODY SCHEMA: application/json required

quantity
number
ticker
string
```





```
import requests

url = "https://demo.trading212.com/api/v0/equity/orders/market"

payload = {
    "quantity": 0.1,
    "ticker": "AAPL_US_EQ"
}

headers = {
    "Content-Type": "application/json",
    "Authorization": "YOUR_API_KEY_HERE"
}

response = requests.post(url, json=payload, headers=headers)

data = response.json()
print(data)
```

Response samples V

200 400

Сору

```
"creationTime": "2019-08-24T14:15:22Z",
    "filledQuantity": 0,
    "id": 0,
    "limitPrice": 0,
    "quantity": 0,
    "status": "LOCAL",
    "stopPrice": 0,
    "strategy": "QUANTITY",
    "ticker": "AAPL_US_EQ",
    "type": "LIMIT",
    "value": 0
}
```

Place Stop order

```
Security > apiKeyHeader
```

```
REQUEST BODY SCHEMA: application/json
required

quantity

number

stopPrice

number

ticker

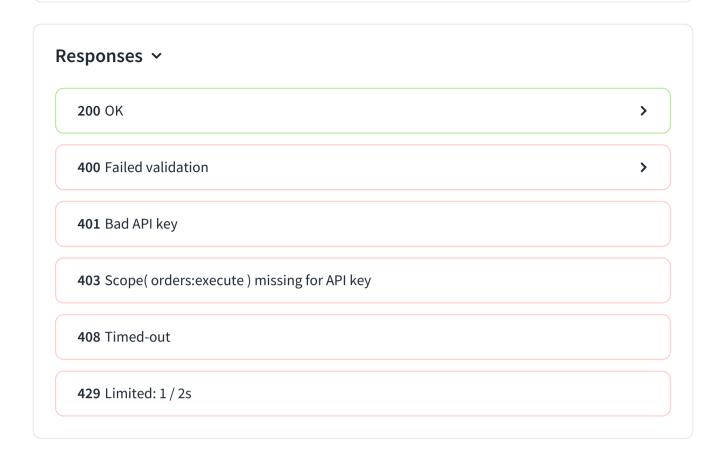
string

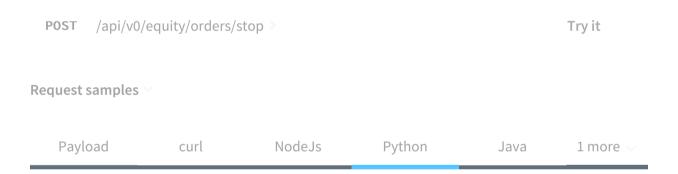
timeValidity

string

Expiration

Enum: "DAY" "GOOD_TILL_CANCEL"
```





import requests

url = "https://demo.trading212.com/api/v0/equity/orders/stop"

payload = {
 "quantity": 0.1,
 "stopPrice": 100.23,

```
"ticker": "AAPL_US_EQ",
  "timeValidity": "DAY"
}
headers = {
  "Content-Type": "application/json",
  "Authorization": "YOUR_API_KEY_HERE"
}
response = requests.post(url, json=payload, headers=headers)
data = response.json()
print(data)
```

Response samples ~

200 400

```
application/json
```

```
{
  "creationTime": "2019-08-24T14:15:22Z",
  "filledQuantity": 0,
  "filledValue": 0,
  "id": 0,
  "limitPrice": 0,
```

Сору

```
"quantity": 0,
"status": "LOCAL",
"stopPrice": 0,
"strategy": "QUANTITY",
"ticker": "AAPL_US_EQ",
"type": "LIMIT",
"value": 0
}
```

Place StopLimit order

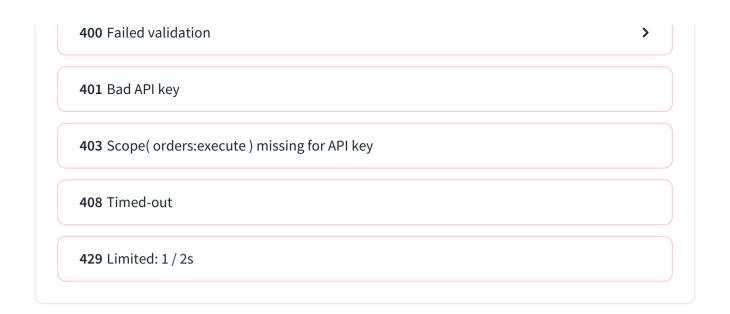
```
Security > apiKeyHeader
```

```
REQUEST BODY SCHEMA: application/json
required

limitPrice
number
quantity
number
stopPrice
number
ticker
string
timeValidity
string
Expiration
Enum: "DAY" "GOOD_TILL_CANCEL"
```

```
Responses >

200 OK >
```





```
import requests
url = "https://demo.trading212.com/api/v0/equity/orders/stop_limit"
payload = {
 "limitPrice": 100.23,
 "quantity": 0.1,
 "stopPrice": 100.23,
 "ticker": "AAPL_US_EQ",
 "timeValidity": "DAY"
}
headers = {
 "Content-Type": "application/json",
 "Authorization": "YOUR_API_KEY_HERE"
}
response = requests.post(url, json=payload, headers=headers)
data = response.json()
print(data)
```

Response samples ~

200 400

```
"creationTime": "2019-08-24T14:15:22Z",
    "filledQuantity": 0,
    "id": 0,
    "limitPrice": 0,
    "quantity": 0,
    "status": "LOCAL",
    "stopPrice": 0,
    "strategy": "QUANTITY",
    "ticker": "AAPL_US_EQ",
    "type": "LIMIT",
    "value": 0
}
```

Cancel by ID

Security > apiKeyHeader

```
Request Y

PATH PARAMETERS

id
required
integer < int64>
```

```
Responses >

200 OK 

400 Not available for real money accounts

401 Bad API key
```

```
403 Scope( orders:execute ) missing for API key

404 Order not found

408 Timed-out

429 Limited: 1 / 1s
```

```
DELETE /api/v0/equity/orders/{id} > Try it

Request samples 

curl NodeJs Python Java Go
```

Сору

```
import requests

id = "YOUR_id_PARAMETER"

url = "https://demo.trading212.com/api/v0/equity/orders/" + id

headers = {"Authorization": "YOUR_API_KEY_HERE"}

response = requests.delete(url, headers=headers)

data = response.json()
```

Fetch by ID

Security > apiKeyHeader

Request PATH PARAMETERS id required integer <int64>

Responses > 200 Order found > 401 Bad API key 403 Scope(orders:read) missing for API key 404 Order not found 408 Timed-out 429 Limited: 1 / 1s

curl NodeJs Python Java Go

Сору

```
import requests

id = "YOUR_id_PARAMETER"

url = "https://demo.trading212.com/api/v0/equity/orders/" + id

headers = {"Authorization": "YOUR_API_KEY_HERE"}

response = requests.get(url, headers=headers)

data = response.json()
print(data)
```

Response samples >

200

```
application/json
```

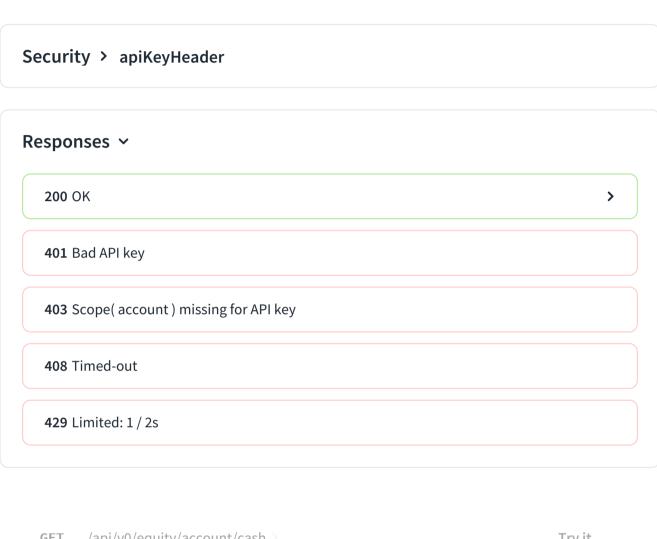
Сору

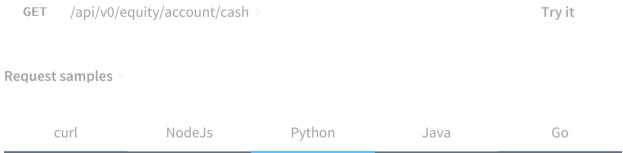
```
"creationTime": "2019-08-24T14:15:22Z",
   "filledQuantity": 0,
   "id": 0,
   "limitPrice": 0,
   "quantity": 0,
   "status": "LOCAL",
   "stopPrice": 0,
   "strategy": "QUANTITY",
   "ticker": "AAPL_US_EQ",
   "type": "LIMIT",
   "value": 0
}
```

Account Data

Relevant information about your account

Fetch account cash





```
import requests
  url = "https://demo.trading212.com/api/v0/equity/account/cash"
  headers = {"Authorization": "YOUR_API_KEY_HERE"}
  response = requests.get(url, headers=headers)
  data = response.json()
  print(data)
Response samples ~
           200
 application/json
                                                                     Сору
   "blocked": 0,
   "free": 0,
   "invested": 0,
   "pieCash": 0,
   "ppl": 0,
   "result": 0,
   "total": 0
```

Fetch account metadata

```
Security > apiKeyHeader
```

```
Responses >
```

```
401 Bad API key

403 Scope( account ) missing for API key

408 Timed-out

429 Limited: 1 / 30s
```

```
GET /api/v0/equity/account/info > Try it

Request samples 

curl NodeJs Python Java Go
```

Сору

```
import requests

url = "https://demo.trading212.com/api/v0/equity/account/info"

headers = {"Authorization": "YOUR_API_KEY_HERE"}

response = requests.get(url, headers=headers)

data = response.json()
print(data)
```

Response samples >

```
{
  "currencyCode": "USD",
  "id": 0
}
```

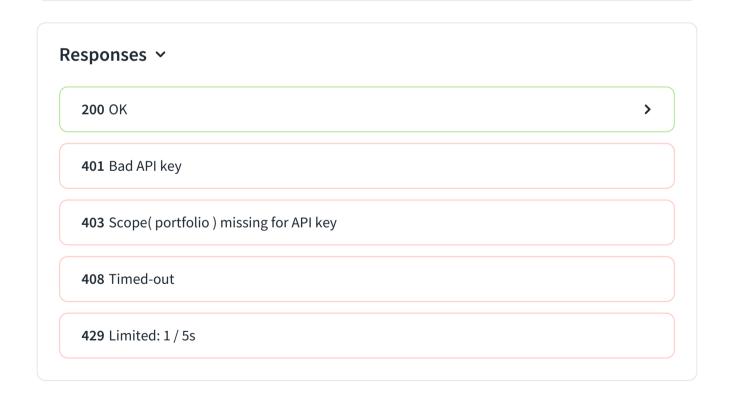
Personal Portfolio

State of your trading portfolio

Fetch all open positions

Fetch an open positions for your account

Security > apiKeyHeader



GET /api/v0/equity/portfolio >

Try it

curl NodeJs Python Java Go

Сору

```
import requests

url = "https://demo.trading212.com/api/v0/equity/portfolio"

headers = {"Authorization": "YOUR_API_KEY_HERE"}

response = requests.get(url, headers=headers)

data = response.json()
print(data)
```

Response samples ~

200

application/json

Copy Expand all Collapse all

```
[
- {
    "averagePrice": 0,
    "currentPrice": 0,
    "frontend": "API",
    "fxPpl": 0,
    "initialFillDate": "2019-08-24T14:15:22Z",
    "maxBuy": 0,
    "maxSell": 0,
    "pieQuantity": 0,
    "ppl": 0,
    "quantity": 0,
    "ticker": "AAPL_US_EQ"
}
```

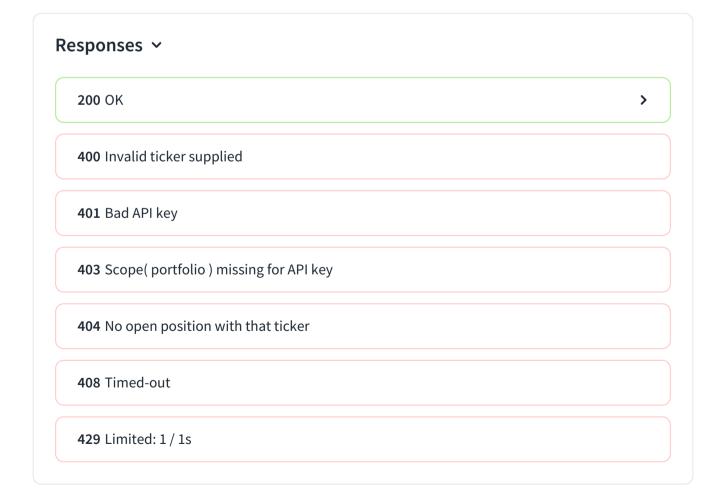
Search for a specific position by ticker

Search for a open position by ticker

Security > apiKeyHeader

```
REQUEST BODY SCHEMA: application/json required

ticker string
```



Request samples ~

Payload curl NodeJs Python Java 1 more v

Сору

```
import requests

url = "https://demo.trading212.com/api/v0/equity/portfolio/ticker"

payload = {
    "ticker": "string"
}

headers = {
    "Content-Type": "application/json",
    "Authorization": "YOUR_API_KEY_HERE"
}

response = requests.post(url, json=payload, headers=headers)

data = response.json()
print(data)
```

Response samples ~

200

```
application/json
```

Сору

```
"averagePrice": 0,
"currentPrice": 0,
```

```
"frontend": "API",
    "fxPpl": 0,
    "initialFillDate": "2019-08-24T14:15:22Z",
    "maxBuy": 0,
    "maxSell": 0,
    "pieQuantity": 0,
    "ppl": 0,
    "quantity": 0,
    "ticker": "AAPL_US_EQ"
}
```

Fetch a specific position

Fetch an open position by ticker

```
Security > apiKeyHeader
```

```
Request 
PATH PARAMETERS

ticker
required
string
Example: AAPL_US_EQ
```

```
Responses >

200 OK >

400 Invalid ticker supplied

401 Bad API key

403 Scope( portfolio ) missing for API key

404 No open position with that ticker
```

408 Timed-out

429 Limited: 1 / 1s

GET /api/v0/equity/portfolio/{ticker} > Try it

Request samples

curl NodeJs Python Java Go

Сору

```
import requests

ticker = "YOUR_ticker_PARAMETER"

url = "https://demo.trading212.com/api/v0/equity/portfolio/" + ticker

headers = {"Authorization": "YOUR_API_KEY_HERE"}

response = requests.get(url, headers=headers)

data = response.json()
print(data)
```

Response samples ~

```
"averagePrice": 0,
  "currentPrice": 0,
  "frontend": "API",
  "fxPpl": 0,
  "initialFillDate": "2019-08-24T14:15:22Z",
  "maxBuy": 0,
  "maxSell": 0,
  "pieQuantity": 0,
  "ppl": 0,
  "quantity": 0,
  "ticker": "AAPL_US_EQ"
}
```

Historical items

Reports about past events

Historical order data

```
Security > apiKeyHeader
```

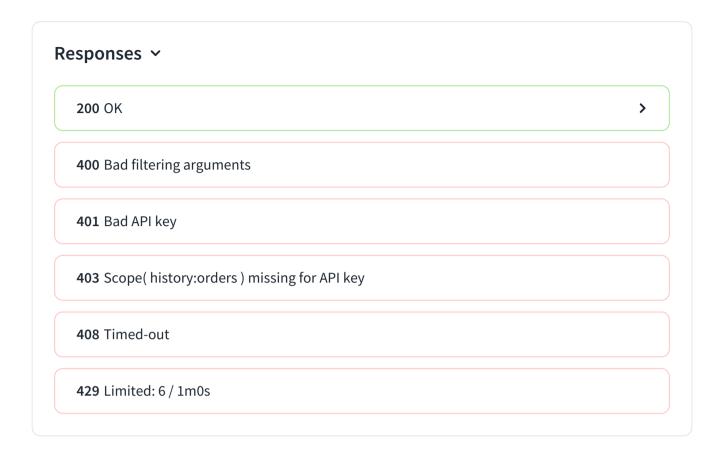
```
Request 

QUERY PARAMETERS

cursor
integer <int64>
Pagination cursor
ticker
string
Ticker filter
limit
integer <int32>
Default: 20
May items: 50
```

Max Ireilis: 20

Example: limit=21



GET /api/v0/equity/history/orders > Try it

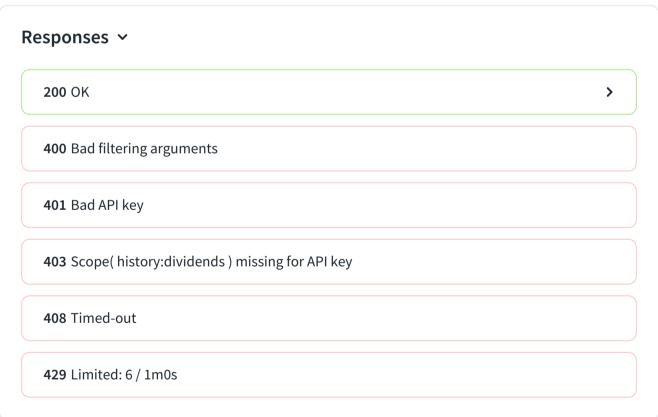
Request samples

curl NodeJs Python Java Go

```
import requests
  url = "https://demo.trading212.com/api/v0/equity/history/orders"
  query = {
    "cursor": "0",
    "ticker": "string",
    "limit": "20"
  }
  headers = {"Authorization": "YOUR_API_KEY_HERE"}
  response = requests.get(url, headers=headers, params=query)
  data = response.json()
  print(data)
Response samples V
           200
 application/json
                                            Copy Expand all Collapse all
 - "items": [
   + { ... }
   "nextPagePath": "string"
```

Paid out dividends





Request samples

....

curl NodeJs

Python

Java

Go

Сору

```
import requests

url = "https://demo.trading212.com/api/v0/history/dividends"

query = {
    "cursor": "0",
    "ticker": "string",
    "limit": "20"
}

headers = {"Authorization": "YOUR_API_KEY_HERE"}

response = requests.get(url, headers=headers, params=query)

data = response.json()
print(data)
```

Response samples ~

```
Copy Expand all Collapse all
```

Exports List

Lists detailed information about all csv account exports

```
Security > apiKeyHeader
```

curl NodeJs Python Java Go

Сору

```
import requests

url = "https://demo.trading212.com/api/v0/history/exports"

headers = {"Authorization": "YOUR_API_KEY_HERE"}

response = requests.get(url, headers=headers)

data = response.json()
print(data)
```

Response samples >

```
application/json
```

```
"timeTo": "2019-08-24T14:15:22Z" }
```

Export csv

Request a csv export of the account's orders, dividends and transactions history

```
Security > apiKeyHeader
```

```
REQUEST BODY SCHEMA: application/json
required

dataIncluded >
object(ReportDataIncluded)
timeFrom
string <date-time>
timeTo
string <date-time>
```

POST /api/v0/history/exports > Try it

Request samples >

Payload curl NodeJs Python Java 1 more >

Сору

```
import requests
url = "https://demo.trading212.com/api/v0/history/exports"
payload = {
 "dataIncluded": {
    "includeDividends": True,
   "includeInterest": True,
    "includeOrders": True,
    "includeTransactions": True
 },
  "timeFrom": "2019-08-24T14:15:22Z",
  "timeTo": "2019-08-24T14:15:22Z"
}
headers = {
  "Content-Type": "application/json",
 "Authorization": "YOUR_API_KEY_HERE"
}
response = requests.post(url, json=payload, headers=headers)
data = response.json()
print(data)
```

```
application/json
```

```
Copy

{
  "reportId": 0
}
```

Transaction list

Fetch superficial information about movements to and from your account

```
Security > apiKeyHeader
```

```
Request 

CUTSOT

String

Pagination cursor

time

String < date-time >

Retrieve transactions starting from the specified time

limit

integer <int32 >

Default: 20

Max items: 50

Example: limit=21
```

Responses >

```
400 Bad filtering arguments

401 Bad API key

403 Scope( history:transactions ) missing for API key

408 Timed-out

429 Limited: 6 / 1m0s
```

```
GET /api/v0/history/transactions > Try it

Request samples 

curl NodeJs Python Java Go
```

Сору

```
import requests

url = "https://demo.trading212.com/api/v0/history/transactions"

query = {
    "cursor": "string",
    "time": "2019-08-24T14:15:22Z",
    "limit": "20"
}

headers = {"Authorization": "YOUR_API_KEY_HERE"}

response = requests.get(url, headers=headers, params=query)

data = response.json()
print(data)
```