

Advisors Application Program Interface (API)

The URL generally has the form `/api/<resource>/<action>`, which could either retrieve a result or perform some action.

When retrieving a result, the API expects a HTTP GET method, and when performing an action it expects a HTTP POST.

The resource `/api/advisors` refer to all the advisors and brokerages in the database. To address a specific brokerage, use a URL of the form `/api/advisors/brokerages/{brokerageCode}/<action>`.

Successful results are returned as HTTP 200 or 201 responses, with the body containing JSON data. Defined error responses will be in the HTTP 400 range, and undefined server errors in the HTTP 500 range.

Error responses contain the following JSON format:

```
{
  "errors" : [
    {
      "description" : "<error description>",
      "code" : "<error code>",
      "index" : <integer>
    }
  ]
}
```

where the error description is a detailed description of the error, and the error code is a short reference of the error.

Index is an optional error field and is present when the request data is an array of objects. It indicates the position of the offending object in the request array.



Supported API calls

- 1 Brokerage fee statement**
- 2 Advisor details**
- 3 Advisor clients details**
- 4 Brokerage clients details**
- 5. Advisors**

1 Brokerage fee statement

GET:

/api/advisors/brokerages/{brokerageCode}/fee_statement?
start_date={startDate}&end_date={endDate}&add_password={boolean}'

Content-Type: application/pdf

Example request:

/api/advisors/brokerages/BRK123/fee_statement?start_date=2005-01-01&end_date=2005-01-31&add_password=true'

JSON response:

HTTP: 200

Content-Type: application/pdf

Notes:

Response contains pdf binary data.

URLs must be *percent encoded*, eg. space = %20, comma = %2C

All fields are mandatory except for 'add_password'

add_password = 'true' or 'false'

if add_password is not specified, a password will be added to the document based on the value of the "Password protect PDF documents?" configuration setting.

Error examples:

HTTP response	Code	Description
400	Malformed request	Invalid date
500	BrokerageNotFound	Could not find a brokerage with with code: AnInvalidCode

2 Advisor details

GET: /api/advisors/{advisorCode}

Content-Type: application/json

Example request:

/api/advisors/00000001

Example JSON response:

```
{
  "Name": "AnAdvisor", //To be removed
  "Advisor Name": "AnAdvisor",
  "Code": "00000001", //To be removed
  "Advisor Code": "00000001",
  "Entity": "/api/entities/1234567890", //To be removed
  "Advisor Entity Unique Id": 1234567890,
  "Brokerage Code": "10000000",
  "Brokerage Name": "aBrokerage",
  "Brokerage": "/api/entities/0987654321", //to be removed
  "Brokerage Entity Unique Id": 0987654321
  "Contact Method" : "EMAIL",
  "Email Address" : "anAdvisor@email.com",
  "License Categories" :
  [
    {
      "Category Number" : "1",
      "Category Name" : "Category1",
      "Can Get Mandate" : "true",
      "Sub Category Number" : "1",
      "Sub Category Name" : "Insurance Category"
    }
  ]
}
```

New fields: Added Sept 2024

Deprecated fields: To be removed Nov 2024

Error examples:

HTTP response	Code	Description
404	AdvisorNotFound	Could not find an advisor with code: AnInvalidCode

3 Advisor clients details

GET:

/api/advisors/{advisorCode}/clientDetails?

currency={currency}&number_of_investors={numberOfInvestors}

Content-Type: application/json

Example request:

/api/advisors/00000001/clientDetails?currency=ZAR&number_of_investors=all

Example JSON response:

```
{
  "Name": "AnAdvisor", //To be removed
  "Advisor Name": "AnAdvisor",
  "Code": "00000001", //To be removed
  "Advisor Code": "00000001",
  "Entity": "/api/entities/1234567891", //To be removed
  "Advisor Entity Unique Id": 1234567891,
  "Brokerage": "/api/entities/456789870", //To be removed
  "Brokerage Entity Unique Id": 456789870,
  "Brokerage Code": "000000",
  "Brokerage Name": "ABrokerage",
  "Investor Details" :
  [
    {
      "Entity" : "/api/entities/1234567891"
      "Entity Unique Id" : 1234567891
      "Client Number" : "1234567891",
      "Investor Name" : "Piet Piet",
      "Market Value" : "R 100.00", //To be removed
      "Market Value In Reporting Currency": { //new field
        "type": "Money",
        "currency": "ZAR",
        "value": "100.00"
      }
    }
  ],
  "Contracts" :
  [
    {
      "Unique Id" : 1234567890,
      "Account Number" : "1",
      "Account Name" : "Piet",
      "Account Description" : "A description",
      "Market Value" : "R 100.00", //To be removed
      "Market Value In Reporting Currency": { //new field

```

```

    "type": "Money",
    "currency": "ZAR",
    "value": "100.00"
  },
  "Market Value In Preferred Currency": { //new field
    "type": "Money",
    "currency": "ZAR",
    "value": "100.00"
  }
}
  ]
}
}

```

New fields: Added Sept 2024

Deprecated fields: To be removed Nov 2024

Notes:

The “number_of_investors” field in the get request limits the number of investors returned per call. If this field is set to “all” then it will simply return all of the investors linked to the specified advisor. Setting the field to 10, or any other number, will simply only return 10 investors linked to the specified advisor.

Furthermore, the investors will be listed in descending order according to their Market Value. Which implies that specifying 10 in the “number_of_investors” field will return the 10 investors with the highest Market Values.

Error examples:

HTTP response	Code	Description
404	AdvisorNotFound	Could not find an advisor with code: AnInvalidCode
400	InvalidCurrency	Could not match currency identifier: ASD with an existing currency in the system

4 Brokerage clients details

GET:

/api/advisors/brokerages/{brokerageCode}/clientDetails?
currency={currency}&number_of_investors={numberOfInvestors}

Content-Type: application/json

Example request:

/api/advisors/brokerages/00000001/clientDetails?
currency=ZAR&number_of_investors=all

Example JSON response:

```
{
  "Name": "ABrokerage", //To be removed
  "Brokerage Name": "ABrokerage",
  "Code": "00000001", //To be removed
  "Brokerage Code": "00000001",
  "Brokerage": "/api/entities/1234567890", //To be removed
  "Brokerage Entity Unique Id": 1234567890,
  "Investor Details" :
  [
    {
      "Entity" : "/api/entities/1234567891"
      "Entity Unique Id" : 1234567891,
      "Client Number" : "1234567891",
      "Investor Name" : "Piet Piet",
      "Market Value" : "R 100.00", //To be removed
      "Market Value In Reporting Currency": { //new field
        "type": "Money",
        "currency": "ZAR",
        "value": "100.00"
      },
      "Market Value In Preferred Currency": { //new field
        "type": "Money",
        "currency": "ZAR",
        "value": "100.00"
      }
    }
  ],
  "Contracts" :
  [
    {
      "Unique Id" : 1234567890,
      "Account Number" : "1",
      "Account Name" : "Piet",
      "Account Description" : "A description",
      "Market Value" : "R 100.00"
    }
  ]
}
```

}

New fields: Added Sept 2024

Deprecated fields: To be removed Nov 2024

Notes:

The “number_of_investors” field in the get request limits the number of investors returned per call. If this field is set to “all” then it will simply return all of the investors linked to the specified advisor. Setting the field to 10, or any other number, will simply only return 10 investors linked to the specified advisor.

Furthermore, the investors will be listed in descending order according to their Market Value. Which implies that specifying 10 in the “number_of_investors” field will return the 10 investors with the highest Market Values.

Error examples:

HTTP response	Code	Description
404	BrokerageNotFound	Could not find a brokerage with code: AnInvalidCode
400	InvalidCurrency	Could not match currency identifier: ASD with an existing currency in the system

5. Advisors

Answer a list of advisors.

`/api/advisors`

Content-Type: application/json

Note: This call returns all the active advisors.

Example JSON response:

HTTP: 200

```
{
  "data": [
    {
      "Code": "AGFSPB", //To be removed
      "Advisor Code": "AGFSPB",
      "Name": "Piet Pompies", //To be removed
      "Advisor Name": "Piet Pompies",
      "Entity": "/api/entities/15555072", //To be removed
      "Advisor Entity Unique Id": 15555072,
      "Brokerage Code": "000017",
      "Brokerage Name": "Good Advice Brokers",
      "Brokerage Entity Unique Id": 738597888,
      "Brokerage": "/api/entities/738597888" //To be removed
    }
  ]
}
```

New fields: Added Sept 2024

Deprecated fields: To be removed Nov 2024

6. Advisor fee report

GET:

/api/advisors/{advisorCode}/fee_report?from_date={fromDate}&to_date={toDate}

Content-Type: application/json

Example request:

/api/advisors/000001/fee_report?from_date=2025/01/01&to_date=2025/02/01

Example JSON response:

```
{
  "Account Number" : "ABC123",
  "Adviser Fee Period" : "2025/01/01 to 2025/01/30",
  "Adviser code" : "000001",
  "Adviser name" : "Doe J",
  "Amount" : "R 0.08",
  "Fee Type" : "Ongoing Adviser Fee",
  "Instrument" : "A Unitised Fund Name",
  "Instrument Code" : "AUFN",
  "Investor ID" : "11223344556677",
  "Investor Name" : "Pompies, P",
  "Platform Provider" : "APlatform Provider",
  "Price" : "1.0000",
  "Product" : "AProduct",
  "Transaction Date" : "2025-01-10",
  "Units" : "0.0800"
}
```

Error examples:

HTTP response	Code	Description
404	AdvisorNotFound	Could not find an advisor with code: AnInvalidCode
400	Malformed request	Invalid date

7. Brokerage fee report

GET:

/api/advisors/brokerages/{advisorCode}/fee_report?
from_date={fromDate}&to_date={toDate}

Content-Type: application/json

Example request:

/api/advisors/brokerages/12345678/fee_report?
from_date=2025/01/01&to_date=2025/02/01

Example JSON response:

```
{
  "Account Number" : "ABC123",
  "Adviser Fee Period" : "2025/01/01 to 2025/01/30",
  "Adviser code" : "000001",
  "Adviser name" : "Doe J",
  "Amount" : "R 0.08",
  "Fee Type" : "Ongoing Adviser Fee",
  "Instrument" : "A Unitised Fund Name",
  "Instrument Code" : "AUFN",
  "Investor ID" : "11223344556677",
  "Investor Name" : "Pompies, P",
  "Platform Provider" : "APlatform Provider",
  "Price" : "1.0000",
  "Product" : "AProduct",
  "Transaction Date" : "2025-01-10",
  "Units" : "0.0800"
}
```

Error examples:

HTTP response	Code	Description
404	BrokerageNotFound	Could not find a brokerage with code: AnInvalidCode
400	Malformed request	Invalid date