

Retrieve positional, transactional and performance data for your fund investments housed in our SEI Data Warehouse. The data set returned includes the beginning and ending balances, contributions and withdrawals over the period, fees and profit and loss fields.

**TAGS:** hedge, edw,

**ENDPOINT:** Positions

**ENDPOINT DESCRIPTION:** Returns positions data for all the funds contained within the top level fund. Also returns identifiers for the top level fund as well as the investments made by the top level fund.

**PROD URL:** <https://api.seic.com/v1/fundoffunds/{externalFundId}/positions>

**TEST URL:** <https://test.api.seic.com/v1/fundoffunds/{externalFundId}/positions>

**TLS URL\*:** <https://mtls.api.seic.com/v1/fundoffunds/{externalFundId}/positions>

\*The TLS endpoint is only used if Server Based Application was selected during the App Registration process.

## STEP 1

OAuth Token

## Step 2

Pass the OAuth Token and the App key to invoke this endpoint for a particular application.

## REQUEST PARAMETERS:

Name	Description	Data Type	Parameter Type
Authorization	access_token value obtained from the Token endpoint. This is passed as "Bearer access_token"	string	header
AppKey	This is the Consumer Key provided during the App Registration process and is used to identify the user's application.	string	header
externalFundId	Unique business identifier of the fund.	string	template
startDate	A schedule is created to automate the run of a report over time. The start date is the initial date for when the schedule started.	string	query
endDate	A schedule is created to automate the run of a report over time. The end date is the last date for when the schedule will run.	string	query
reportingPeriod	The reporting period with valid values Daily, Weekly, Monthly and Quarterly. This mandatory query parameter is used only in a request to retrieve a limited set of positions data.	string	query
limit	Number of records per page. Many responses have a maximum of 50 records per page.	string	query

## SAMPLE REQUEST:

```
curl -X GET \
  'https://test.api.seic.com/v1/fundoffunds/WWCIDVII/positions?startDate=2018-01-01&endDate=2019-06-30' \
  -H 'AppKey: gsedgaerhDSHGRSH' \
  -H 'Authorization: Bearer ADsgdnnkjnfIKJN' \
```

## REQUEST HEADER:

Authorization: Bearer ADsgdnkjnfIKJN  
AppKey: gsedgaerhDSHGRSH

#### RESPONSE PAYLOAD MODEL:

Name	Description	Data Type(L)
fund	A collection of fields referencing the fund in the position, transaction or on performance.	object
id	The unique identifier for an entity such as a calendar, event, document, account, position or tax lot.	string
name	Name of the report. The user is expected to use the key value pairs returned by this API to construct the payload for POST report generation request.	string
externalId	Unique business identifier that represents a contact, investor, product, transaction or alternate entity recognized by SEI and a third party system or application. Many times the externalId is used to synchronize SEI sourced data with another data source for the same record.	string
positions	A collection of fields identifying a unique holding or position.	object
bookId	Identifies the Book of Accounts within the enterprise.	string
currencyIsoCode	The currency code in which the transaction is paid in.	string
fxRate	FX Rate, local to system	number
asOfDate	As of business date of the reporting data in YYYY-MM-DD.	string
reportingPeriod	The reporting period with valid values Daily, Weekly, Monthly and Quarterly. This mandatory query parameter is used only in a request to retrieve a limited set of positions data.	string
beginningPeriodNav	The Net Asset Value as of the Period Start Date	string
endingPeriodNav	The Net Asset Value as of the Period End Date	string
costBasis	The total cost of an investment expressed in its local currency.	string
capitalContributions	The Capital Addition Amount	string
capitalWithdrawals	The Capital Withdrawals Amount	string
bookExternalId	Book id from the underlying accounting system.	string
bookName	Book name from the underlying accounting system.	string
bookCurrencyIsoCode	Currency applicable to the investing set of books. This is inherited from the fund to which the book is related.	string
FundInvestmentId	Datawarehouse id of the fund investment.	string
sourceFundInvestmentId	Fund investment id from the underlying accounting system.	string
FundInvestmentName	Fund investment name.	string

#### RESPONSE ERRORS:

Name	Description
200	OK- The request has succeeded and the response has been returned.
400	Bad request - The server cannot or will not process the request due to an inaccurate request submitted by the client application. Please resubmit the request after making the required corrections indicated in the error response. For more Info on SEI Error Standards please refer to the API Standards FAQ under Support.
401	Unauthorized - Invalid authentication details have been provided. Also useful to trigger an authorization pop up if the API is used from a browser.
403	Forbidden-The SEI Server understood the request but refuses to fulfill it.

404	Not Found- The requested resource or the underlying resource does not exist. Please resubmit the request after making the required corrections
500	Internal Server Error - The server was unable to fulfill the request due to an unknown condition. Please contact SEI for support. For More Info please refer to the "Response & Errors" FAQ under support.

**SAMPLE RESPONSE:**

```

{
  "data": {
    "fund": {
      "id": "9999-0000014",
      "externalId": "WWCIDVII",
      "name": "World Wide Capital Ltd.",
      "positions": [
        {
          "bookExternalId": "WWCIDVII",
          "bookId": "9999-0000150",
          "bookName": "World Wide Capital Ltd.",
          "bookCurrencyIsoCode": "USD",
          "fundInvestmentId": "I-9999-0000424 ",
          "sourceFundInvestmentId": "384593",
          "fundInvestmentName": "World Wide Capital Ltd",
          "currencyIsoCode": "USD",
          "fxRate": 1,
          "asOfDate": "2018-01-31T23:59:59",
          "reportingPeriod": "Closed",
          "beginningPeriodNav": 29835.05,
          "endingPeriodNav": 25896.77,
          "costBasis": 5698.07,
          "capitalContributions": 0,
          "capitalWithdrawals": 0
        }
      ]
    }
  },
  "paging": {
    "totalCount": 225,
    "limit": 1,
    "first":
"https://test.api.seic.com/v1/fundoffunds/WWCIDVII/positions?startDate=2018-01-01&endDate=2019-06-30&firmId=9999&before=MQ==&after=MQ==",
    "last":
"https://test.api.seic.com/v1/fundoffunds/WWCIDVII/positions?startDate=2018-01-01&endDate=2019-06-30&firmId=9999&before=MjI1&after=MjI1",
    "previous": null,
    "next":
"https://test.api.seic.com/v1/fundoffunds/WWCIDVII/positions?startDate=2018-01-01&endDate=2019-06-30&firmId=9999&before=Mg==&after=Mg==",
    "self":
"https://test.api.seic.com/v1/fundoffunds/WWCIDVII/positions?startDate=2018-01-01&endDate=2019-06-30&firmId=9999&limit=1"
  }
}

```

**RESPONSE HEADER:**

```

Content-Type: application/json
Status: 200 OK
requesttrackingid: 67e1ff68-164f-03ad-0f2d-5cbbfda56ec9

```

