Investor Allocation and Performance

Retrieve positional, transactional and performance data for your open ended funds at an Investor level for a specific fund housed in our SEI Data Warehouse.

TAGS: edw, hedge, statement,

ENDPOINT: Positions

ENDPOINT DESCRIPTION:

Returns an investor's position or balance in a specified fund and/or subfund for a specific As Of date. The data returned includes the beginning and ending balances, contributions and withdrawals over the period, fees and profit and loss. Both gross and net values are available.

PROD URL: https://api.seic.com/v1/investors/{externalId}/positions

TEST URL: https://test.api.seic.com/v1/investors/{externalId}/positions

TLS URL*: https://mtls.api.seic.com/v1/investors/{externalId}/positions

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

STEP 1
OAuth Token

STEP2
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
externalId	Unique business identifier that represents an investor 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. externalId=all can be passed if the user wishes to retrieve data for all the investors in a fund.	string	template
category	This parameter defines the business line the data belongs to. Valid value is OEF.	string	header
externalFundId	Unique business identifier that represents a fund 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	query
asOfDate	As of business date of the reporting data in YYYY-MM-DD.	string	query
reportingPeriod	Identifies if the data is for 'closed' or 'estimated' reporting period based on how the fund may be administered by SEI.	string	query
startDate	The earliest date within a range in ISO 8601 format YYYY-MM-DD.	string	query
endDate	The latest date within a range in ISO 8601 format YYYY-MM-DD.	string	query

SAMPLE REQUEST:

```
curl -X GET \
  https://api.seic.com/v1/investors/Kluxen/positions?externalFundId=WWCEDLP
  -H 'appkey: gsedgaerhDSHGRSHv' \
  -H 'authorization: Bearer ADsgdnnkjnfdIKJN' \
  -H 'category: oef'

curl -X GET \
  https://api.seic.com/v1/investors/all/positions?externalFundId=WWCEDLP
  -H 'appkey: gsedgaerhDSHGRSHv' \
  -H 'authorization: Bearer ADsgdnnkjnfdIKJN' \
  -H 'category: oef'
```

REQUEST HEADER:

```
Authorization: Bearer ADsgdnnkjnfdIKJN
AppKey: gsedgaerhDSHGRSH
Category: OEF
```

RESPONSE PAYLOAD MODEL:

Name	Description	Data Type(L)
positions	A collection of fields identifying a unique holding or position.	object
investor	Indicates the external investor ID related to the contact relationship.	object
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
mnemonic	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 mnemonic is used to synchronize SEI sourced data with another data source for the same record.	string
fund	A collection of fields referencing the fund in the position, transaction or on performance.	object
currencyIsoCode	The currency code in which the transaction is paid in.	string
subFund	A collection of fields referencing the subfund in the position, transaction or on performance.	object
reportingPeriod	Identifies if the data is for 'closed' or 'estimated' reporting period based on how the fund may be administered by SEI.	string
asOfDate	As of business date of the reporting data in YYYY-MM-DD.	string
asOfDateTime	As of business date and time of the reporting data in YYYY-MM-DDTHH:mm:ss.	string
beginningPeriod	The beginning of the investment period.	string
shares	Units processed for the transaction. Could be null if the fund is not unitized. Ownership in the case of a non-unitized fund is a percentage value of fund's overall valuation.	string
navPerShare	The net asset value that represents the value per share of the fund or subFund.	string
netMarketValue	The net market value of the of the entity which can be a fund or a subFund for a beginning or ending period.	string
grossMarketValue	Investor capital balance, gross of incentive fees for period noted (beginning or ending).	string
netAdjMarketValue	Investor capital balance, net of all fees for period noted (beginning or ending period).	string
subscriptions	The total subscriptions for the reporting period.	number
redemptions	The total redemptions for the reporting period.	number

unfundedNav	Net asset value of investor commitments to the fund not yet paid for period noted (beginning or ending).	string
endingPeriod	The ending of the investment period.	string
pnl	Net or Gross profit or loss depending on the report configuration.	number
adjEndingCarryForwardPnL	Ending adjusted loss carry forward income.	string
adjCarryForwardPnL	Investor profit/loss since the last charging of the performance fee, adjusted for the beginning of current period capital activity.	string
newCarryForwardPnL	New profit/loss carry forward income, including current period.	string
fees	A collection of fee related data points.	object
bopPaidIncentive	Beginning of period paid incentive fee.	string
eopPaidIncentive	End of period performance fee crystallized due to withdrawals or a fee period ending.	string
paidIncentive	Incentive fees paid.	string
currentIncentive	Current period incentive fee.	string
crystallizationIncentive	Amount of paid/crystalized incentive fee at the end of the incentive period, typically the end of the calendar year or when an investor redeems fully or partially, either beginning or end of a given period.	
withdrawalIncentive	Incentive fee paid due to withdrawals.	string
management	Management fees calculated via the investor fee module.	string
bopAccruedIncentive	Beginning of period accrued performance fee.	
eopAccuredIncentive	Accrued but not yet paid incentive fee as of the end of the period.	string
eopAdjAccruedIncentive	Accrued incentive fee, adjusted for any fees crystallized due to withdrawals or a fee period ending or fees transferred.	
transferAdj	The proportional amount of the incentive fee adjustment based on transfers.	string
gpIncentiveAllocationPercentage	Percentage of incentive fee allocated to general partner, this can change over accounting periods.	string
type	Specifies the type of product or subproduct. A full list of product types can be obtained through the Lists API.	string
href	Fully configured URL to obtain more information regarding an entity. Allows for easier navigation across products. These links should not be cached.	string
links	Embedded URLs in responses that allow for easier navigation.	array
rel	The name of a link returned by the href URL. This is immutable.	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:

```json
{
        "data": [{
                "positions": {
                        "investor": {
                                "externalId": "Kluxen",
                                "mnemonic": "Kluxen                                          ",
                                "links": [{
                                        "rel": "investorStandard",
                                        "href":
"https://api.seic.com/v1/investors/standard?externalId=Kluxen&validateRequest=false"
                                }]
                        },
                        "fund": {
                                "externalId": "WWCEDLP",
                                "currencyIsoCode": "USD",
                                "type": "Fund",
                                "links": [{
                                        "rel": "productMetadata",
                                        "href":
"https://api.seic.com/v1/products/metadata?externalId=WWCEDLP&validateRequest=false"
                                }],
                                "subFund": {
                                        "externalId": null,
                                        "currencyIsoCode": "USD",
                                        "links": []
                                }
                        },
                        "reportingPeriod": "Closed",
                        "asOfDate": "2019-03-31T00:00:00",
                        "asOfDateTime": "2019-03-31T23:59:59",
                        "beginingPeriod": {
                                "shares": 16475.2273,
                                "navPerShare": 1062.3134,
                                "netMarketValue": 17501855.47,
                                "grossMarketValue": 17501855.47,
                                "netAdjMarketValue": 17501855.47,
                                "subscriptions": 0,
                                "redemptions": 0,
                                "unfundedNav": 0
                        },
                        "endingPeriod": {
                                "shares": 16475.2273,
                                "navPerShare": 1059.4814,
                                "netMarketValue": 17455197.39,
                                "grossMarketValue": 17455197.39,
                                "subscriptions": 0,
                                "redemptions": 0
                        },
                        "pnl": -46658.08,
                        "adjEndingCarryForwardPnL": null,
                        "adjCarryForwardPnL": null,
                        "newCarryForwardPnL": null,
                        "fees": {
                                "bopPaidIncentive": 0,
```

```
                              "eopPaidIncentive": 0,
                              "paidIncentive": 0,
                              "currentIncentive": -10916.79,
                              "paidCrystallizationIncentive": 0,
                              "paidWithdrawalIncentive": 0,
                              "management": 0,
                              "bopAccruedIncentive": 0,
                              "eopAccruedIncentive": 0,
                              "bopAdjAccruedIncentive": 0,
                              "eopAdjAccruedIncentive": 0,
                              "transferAdj": 0,
                              "gpIncentiveAllocationPercentage": 0
                      }
                 }
            }]
}
```

RESPONSE HEADER:

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

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