Portfolio Reporting

A collection of APIs that provide information associated with portfolio positions, transactions, and performance.

TAGS: edw, t+1,

ENDPOINT: Relationships

ENDPOINT DESCRIPTION: This API returns information of the relationships that exist for groups and composites where the "parent" element is the group or composite with underlying "child" products or portfolios related to that entity.

PROD URL: https://api.seic.com/v1/portfolio/relationships

TEST URL: http://test.api.seic.com/v1/portfolio/relationships

TLS URL*: https://mtls.api.seic.com/v1/portoflio/relationships

*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
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	query
id	The unique identifier for an entity such as a calendar, event, document, account, position or tax lot.	string	query
limit	Number of records per page. Many responses have a maximum of 50 records per page.	integer	query

SAMPLE REQUEST:

```
curl -X GET \
  'https://api.seic.com/v1/portfolio/relationships' \
  -H 'AppKey: gsedgaerhDSHGRSHv' \
  -H 'Authorization: Bearer ADsgdnnkjnfdIKJN' \
```

REQUEST HEADER:

```
Authorization: Bearer ADsgdnnkjnfdIKJN
AppKey: gsedgaerhDSHGRSH
```

RESPONSE PAYLOAD MODEL:

Name	Description	Data Type(L)
groupExternalId	The external ID of the parent product assigned to the product	string
groupId	The internal ID assigned to the parent product	string
groupName	The name or description used for the parent product	string
groupType	The type of parent product (Group, Composite)	string
groupOpenDate	The date on which the parent product was opened	string
groupInceptionDate	The inception date of the parent product	string
groupPerformanceInceptionDate	The performance inception date of the parent product. This may be different than the inception date.	string
groupTerminationDate	The date on which the parent product was terminated	string
productExternalId	Unique business identifier for a product recognized by SEI and a third party system or application. Many times the productExternalId is used to synchronize SEI sourced data with another data source for the same record. Every product has an externalId.	string (40)
productId	The SEI internal system identifier for the product or fund. This query parameter is used to retrieve a limited set of positions data.	string
productTerminationDate	The termination date of the child product	string
productStartDate	The start date of the child product in the parent group or composite	string
productEndDate	The start date of the child product in the parent group or composite	string
links	Embedded URLs in responses that allow for easier navigation.	array
href	Fully configured URL to obtain more information regarding an entity. Allows for easier navigation across products. These links should not be cached.	string
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": [
            {
                "groupExternalId": "123404",
                "groupId": "9999",
                "groupName": "12-31-09 Historical Portfolio Group",
                "groupType": "Group",
                "groupOpenDate": "2008-09-15T00:00:00",
                "groupInceptionDate": null,
                "groupPerformanceInceptionDate": null,
                "groupTerminationDate": null,
                "productExternalId": "Worldwide Capital",
                "productId": "9999",
                "productTerminationDate": null,
                "productStartDate": "2019-01-01T00:00:00",
                "productEndDate": "2019-12-31T00:00:00",
                "links": [
                    {
                        "rel": "Individual Product - More Info",
                        "href": "https://api.seic.com/v1/portfolio/metadata?Externalid=CHAMPSC"
                    }
                ]
            }
        ],
    "paging": {
            "totalCount": 4109,
            "limit": 1,
            "first": "https://api.seic.com/v1/portfolio/relationships?&before=MQ==&after=MQ==",
            "last": "https://api.seic.com/v1/portfolio/relationships?&before=NDEwOQ==&after=NDEwOQ==",
            "previous": null,
            "next": "https://api.seic.com/v1/portfolio/relationships?&before=Mg==&after=Mg==",
            "self": "https://api.seic.com/v1/portfolio/relationships?"
    }
}
```

RESPONSE HEADER:

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