Retrieve all the attributes associated to a product and product relationships to an investor. Create and modify product relationships.

TAGS: insight, kyc, CRM,

ENDPOINT: Metadata

ENDPOINT DESCRIPTION:

Returns a list of Products within a Firm or filtered to a specific product.

PROD URL: https://api.seic.com/v1/products/metadata

TEST URL: https://test.api.seic.com/v1/products/metadata

TLS URL*: https://mtls.api.seic.com/v1/products/metadata

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

STEP 1
OAuth Token

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	The client specific or external identifier that represents the product, fund, contact, investor, 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 records..	string	query
accountId	Alternate identifier. Typically used when integrating between systems.	string	query
type	Specifies the type of product or subproduct. Value options are "Fund", "Class","Series", "Vehicle", "Master", "Sleeve".	string	query
subtype	Specifies the subproduct type when a class or series. Value options are "Equalization Group", "Standard", "Virtual" for a class and "Standard", "Virtual" for a series.	string	query
active	Designates whether the product is active ("true") or inactive ("false").	string	query
changeStartDate	Last change start date for the contact. Required date format yyyy-MM-ddTHH:mm:ss.SSS. Can be used to target contacts modified on, since or between specified datetime. Date only can also be accepted.	string	query
changeEndDate	Last change end date for the contact. Required date format yyyy-MM-ddTHH:mm:ss.SSS. Can be used to target contacts modified on, since or between specified datetime. Date only can also be accepted.	string	query

	Create start date for the product in ISO 8601 format YYYY-MM-DD. Can be used to target products created on, since or between specified datetime.Date only is accepted and assumes a time of 00:00:00:0000.Datetime is Eastern Standard Time (EST).	string	query
createStartDate	Create start date for the product in ISO 8601 format YYYY-MM-DD. Can be used to target products created on, since or between specified datetime.Date only is accepted and assumes a time of 00:00:00:0000.Datetime is Eastern Standard Time (EST).	string	query
createEndDate	Create end date for the product in ISO 8601 format YYYY-MM-DD. Can be used to target products created on, since or between specified datetime.Date only is accepted and assumes a time of 23:59:59:9999. Datetime is Eastern Standard Time (EST).	string	query
source	Valid values are NTAS,Geneva,InvesTier,InvesTran.	string	query

SAMPLE REQUEST:

```
curl -X GET\
  https://api.seic.com/v1/products/metadata \
 -H 'appkey: gsedgaerhDSHGRSH' \
 -H 'authorization: Bearer ADsgdnnkjnfdIKJN'
```

REQUEST HEADER:

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

RESPONSE PAYLOAD MODEL:

Name	Description	Data Type(L)
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
alternateId	Alternate identifier. This is a secondary identifier typically used when integrating between systems. Use of this field is optional.	string (100)
accountId	SEI unique system ID that represents the account.	string
fullName	The full legal name of the investor,manager or contact or any other entity represented by the object grouping of the field in the JSON response structure.	string
type	Specifies the type of product or subproduct. A full list of product types can be obtained through the Lists API.	string
subType	A secondary or subordinate type included within a more general type. Investors, Contacts, Transactions and Products all have associated types and subtypes to further describe these entities.	string (100)
active	Designates whether the record is active or inactive. Typically an inactive record is no longer referenced, or expected to be referenced, on a regular basis.	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
href	Fully configured URL to obtain more information regarding an entity. Allows for easier navigation across products. These links should not be cached.	string
changeDate	Latest date the entity relevant to the API was modified. Date is in ISO 8601 format YYYY-MM-DD. Datetime is Eastern Standard Time (EST).	string
createDate	Initial create timestamp for the record. Datetime is Eastern Standard Time (EST).	string
source	SEI accounting system where the product resides. A full list of product types can be obtained through the Lists API.	string

RESPONSE PAYLOAD MODEL:

Name	Description	Data Type(L)
externalId	The client specific or external identifier that represents the product, fund, contact, investor, 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 records.	string
alternateId	Alternate identifier. Typically used when integrating between systems.	string
accountId	SEI data warehouse system identifier for the product.	string
fullName	Full legal name of the product or subproduct.	string
type	Specifies the type of product or subproduct. Value options are "Fund", "Class", "Series", "Vehicle", "Master", "Sleeve".	string
subType	Specifies the subproduct type when a class or series. Value options are "Equalization Group", "Standard", "Virtual" for a class and "Standard", "Virtual" for a series.	string
active	Designates whether the product is active ("true") or inactive ("false").	boolean
links	Link(s) to obtain more information regarding the product or subproduct.	string
rel	A relation aka 'rel' is the name of the link. This is immutable	string
href	Fully configured URL to API endpoints to obtain more information regarding the contact. These links should not be cached by the application.	string
changeDate	Latest date the product or subproduct was modified in ISO 8601 UTC format. Datetime is Eastern Standard Time (EST).	string
createDate	Date the product or subproduct was created in ISO 8601 UTC format. Datetime is Eastern Standard Time (EST).	string
totalCount	The total number of records	string
limit	The pageSize or number of records returned per page	string
first	URL to the first page of records with respect to the API request	string
prev	URL to the previous page of records with respect to the API request	string
next	URL to the next page of records with respect to the API request	string
last	URL to the last page of records with respect to the API request	string
self	The Original Request API URL	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 SEI 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": [{
                "id": 0,
                "externalId": "WWCEDLP",
                "alternateId": null,
                "accountId": "9999-0000014",
                "source": "InvesTier",
                "fullName": "Worldwide Capital Event Driven Fund, LP",
                "type": "Fund",
                "subType": null,
                "active": true,
                "links": [{
                                "rel": "productStandard",
                                "href":
"https://api.seic.com/v1/products/standard?firmId=9999&externalId=WWCEDLP&type=Fund&subType=&validateRequest=false"
                        },
                        {
                                "rel": "productRelationships",
                                "href":
"https://api.seic.com/v1/products/all/relationships?firmId=9999&externalId=WWCEDLP&type=Fund&subType=&validateReque
st=false"
                        },
                        {
                                "rel": "pendingTransaction",
                                "href":
"https://api.seic.com/v1/transactions?firmId=9999&productExternalId=WWCEDLP&validateRequest=false"
                        }
                ],
                "changeDate": "2019-08-13T23:56:05",
                "createDate": "2014-03-20T18:45:17"
        }],
        "paging": {
                "cursors": {
                        "before": "NTc=",
                        "after": "NTc=",
                        "max": "NTc=",
                        "last": null,
                        "resultCount": 1
                },
                "totalCount": 1,
                "limit": 25,
                "previous": null,
                "next": null,
                "self": "https://api.seic.com/v1/products/metadata?externalId=WWCEDLP",
                "first": "https://api.seic.com/v1/products/metadata?externalId=WWCEDLP&limit=25",
                "last": null
        }
}
```

RESPONSE HEADER:

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