

Retrieve all the weekends, non-business days, settlement holidays, trading holidays as per different standard Financial exchange calendars for US,UK, Ireland and Abu Dhabi.

TAGS: tradingHolidays, weekdays, weekends,

ENDPOINT: Calendars

ENDPOINT DESCRIPTION:

Returns a list of available calendars for a country or type (exchanges) . Returns a URL per calendar to retrieve the calendar events.

PROD URL: <https://seidevint.api.seic.com/calendars>

TEST URL: <https://test.api.seic.com/v1/calendars>

TLS URL*: <https://mtls.api.seic.com/v1/calendars>

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

STEP 1

OAuth Token

STEP 2

The calendarId or calendarName returned by this endpoint can be used to retrieve all the events of that particular calendar. If the consuming application is thinking about caching data then they must cache data by calendarName which we guarantee will always be unique.

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
countryISOCode	ISO code for the country. Either the countryIsoCode or the type is a mandatory parameter.	string	query
type	The type of the calendar. Either the countryIsoCode or the type is a mandatory parameter.	string	query

REQUEST PAYLOAD MODEL:

Name	Description	Data Type(L)
type	Type of Third Party	string
description	This field holds additional information about the field, and is provided during setup.	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

SAMPLE REQUEST:

```
curl -X GET \
  'https://api.seic.com/v1/calendars?countryISOCode=US' \
```

```
-H 'appkey: gsedgaerhDSHGRSH' \  
-H 'authorization: Bearer ADsgdnnkjnfIKJN' \
```

REQUEST HEADER:

```
Authorization: Bearer ADsgdnnkjnfIKJN  
AppKey: gsedgaerhDSHGRSH
```

RESPONSE PAYLOAD MODEL:

Name	Description	Data Type(L)
id	The unique identifier for an entity such as a calendar, event, document, account, position or tax lot.	string
name	The business description for an entity in the context of the API, sometimes called a proper name. A name can apply to a Calendar, Financial Institution, Investor, Account, Advisor and various other entities.	string
type	Type of Third Party	string
description	This field holds additional information about the field, and is provided during setup.	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

RESPONSE PAYLOAD MODEL:

Name	Description	Data Type(L)
id	The primary identifier of the calendar.	string
name	The name given to the calendar.	string
type	The type of calendar, identifying whether it is part of a financial exchange, an alternate governing body, or customized.	string
description	A brief description of the intended use of the calendar.	string
href	A link to more information regarding the calendar.	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:

```
[
```

```
{
  "id": "e052934a-f703-11e7-a7f1-005056b6296c",
  "name": "Federal Reserve",
  "type": "Misc.",
  "description": "Federal Reserve calendar.",
  "href": "https://api.seic.com/v1/calendars/e052934a-f703-11e7-a7f1-005056b6296c"
}
```

RESPONSE HEADER:

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