

Retrieve American Banker Association (ABA) code or Society for Worldwide Inter-bank Financial Telecommunication (SWIFT) code, name, and address to support wire maintenance and processing.

TAGS: aba, bank, swift,

ENDPOINT: Financial Institution Look Up

ENDPOINT DESCRIPTION:

Returns a list of financial institutions and their respective swift, aba codes and address information.

PROD URL: <https://test.api.seic.com/v1/financialinstitutions/lookup/financialinstitutions/lookup>

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

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

*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
type	Query parameter that identifies the code type that will be searched. Value options for this field can be either: 'ABA' or 'SWIFT'. This reduces the search criteria and result set.	string	query
name	Name of the Financial Institution. A full or partial name is required if a value is not passed in the 'Code' parameter. ie. If a user passes Type=SWIFT, Name=New York, the results will return all financial institutions with 'New York' in the SWIFT bank name.	string	query
code	'Swift' or 'ABA' Code to identify the Financial Institution. A full or partial code is required if a value is not passed in the 'Name' parameter. ie. If a user passes Type=ABA, Code= 001, the results will return all financial institutions with '001' in the ABA code.	string	query
active	This is an optional query.When this parameter is not passed only active records returned. When the active=false parameter is passed inactive records are returned.	string	query
dateType	The date criteria by which user wants to filter the financial Institutions. Value options for this field can be either: 'created' or 'modified'.	string	query
startDate	startDate is required if dateType is being passed as a query parameter. Required date format: YYYY-MM-DD	string	query

endDate	endDate is required if dateType is being passed as a query parameter. Required date format: YYYY-MM-DD. Note, the API will check until midnight(11:59.59.9999) of this date.	string	query
limit	API response page size.	integer	query

SAMPLE REQUEST:

```
curl -X GET \
  https://api.seic.com/v1/financialinstitutions/lookup?code=AAA&type=swift,aba \
  -H 'appkey: gsedgaerhDSHGRSH' \
  -H 'authorization: Bearer ADsgdnnkjnfIKJN' \
```

REQUEST HEADER:

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

RESPONSE PAYLOAD MODEL:

Name	Description	Data Type(L)
items	An array of financial institution bank codes, either SWIFT or ABA, along with supporting bank detail.	array
id	SEI Accounting system generated identifier for each transaction in a batch	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	Method by which money is moved. Acceptable values are SWIFT or ABA.	string
code	'Swift' or 'ABA' Code to identify the Financial Institution. A full or partial code is required if a value is not passed in the 'Name' parameter. ie. If a user passes Type=ABA, Code= 001, the results will return all financial institutions with '001' in the ABA code.	string
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
financialInstitutionName	Indicates the name of the bank or other financial institution dealing with monetary transactions.	string
addressLine1	The first line of the address, typically used for the street address.	string
addressLine2	The second line of the address.	string
addressLine3	The third line of the address.	string
city	The city of the address.	string
state	This specifies the state of the transaction process (e.g., pending, final) expected in the response. The default state is Pending and will return capital activity that has not yet been finalized.	string
postalCode	The postal code of the address.	string
countryIsoCode	ISO country code ISO 3166-1 alpha-2 code format.	string

address	A physical address for the entity in the context of the API product. This could be an investor or a contact. The address object structure will look similar to:	object
	Field	
	type	
	attention1	
	attention2	
	addressLine1	
	addressLine2	
	addressLine3	
	addressLine4	
	city	
	stateCode	
	postalCode	
	countryIsoCode	

RESPONSE PAYLOAD MODEL:

Name	Description	Data Type(L)
id	Internal system identifier associated with each unique financial institution branch.	string
name	A specific area or physical location of the financial institution.	boolean
type	Method by which money is moved. Acceptable values are SWIFT or ABA.	string
code	Unique code used to identify a specific financial institution where money can be routed to or from.	string
active	Indicates whether the SWIFT code or ABA routing number is active or inactive as defined by the financial institution. Only active financial institutions should be used when moving money.	string
financialInstitutionName	Indicates the name of the bank or other financial institution dealing with monetary transactions.	string
addressLine1	The first line of the mailing address.	string
addressLine2	The second line of the mailing address.	string
addressLine3	The third line of the mailing address.	string
city	The city in the mailing address.	string
state	A US State or country province in the mailing address.	string
postalCode	The postal code of the mailing address.	string
countryIsoCode	The 2 character ISO country code of the mailing address.	string
totalCount	Total number of records	number
limit	Number of records per page	number
first	API URL for the first page of data with respect to the request context	string
last	API URL for the last page of data with respect to the request context	string
previous	API URL for the previous page of data with respect to the request context	string
next	API URL for the next page of data with respect to the request context	string
self	Current Request 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": 1,
    "name": "",
    "type": 2,
    "code": "AAXX",
    "active": true,
    "financialInstitutionName": "TELENOR BANK",
    "address": {
      "addressLine1": "OMLADINSKIH BRIGADA 90V",
      "addressLine2": "",
      "addressLine3": "",
      "city": "BEOGRAD",
      "state": "N/A",
      "postalCode": "11070",
      "countryIsoCode": "RS"
    }
  }]
}
```

RESPONSE HEADER:

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