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Web API: List Professional Associations

The 'List Professional Associations' API enables developers to input a keyword and get a list of matching Professional Associations. The API accepts O*NET, SOC and Industry Codes. If there are no results for the specific code, we will search based on keyword.

About this data

The Professional Associations Finder tool demonstrates how this API can be used. For more information about the data, please visit that tool's help page.

Resource URL

https://api.careeronestop.org/v1/professionalassociation/{userId}/{keyword}/{industry}/{occupation}/{sortColumn}/{sortDirections}/{startRecord}/{limitRecord}

[Try this Web API]

Example Code

C#	Java

```
using System;

using System.Net.Http;

using System.Net.Http.Headers;

using System.Threading.Tasks;

namespace CareerOneStopAPISample

{

    class Program

    {
```

Request Parameters

Refer to the following table for a list of the required and optional request parameters. All parameter names and values are case sensitive. Important: You must provide all required parameters. Submitting an empty request does not return all possible results; an empty request returns an error.

Parameter Name	Value	Required?	Description
API Token	String	Yes	This value is the unique API Token provided during the CareerOneStop Web API registration process.

Parameter Name	Value	Required?	Description
userId	String	Yes	This value is the unique UserID provided during the CareerOneStop Web API registration process.
keyword	String	Yes	This value accepts a search term.
industry	String	Yes	This is a filter to limit the records based on the selected industry from the initial resultset. The required filter can be obtained from the filterlist values.
occupation	String	Yes	This is a filter to limit the records based on the selected occupation from the initial resultset. The required filter can be obtained from the filterlist values.
sortColumns	String	Yes	This value is for sorting the columns. Valid values are Title,CAREER_CENTER_YN, and default value is 0 for relevance
sortDirection	String	Yes	Use this parameter to set the ordering of the results. Valid values are ASC, DESC and 0. Default value is 0 for relevance.
startRecord	Integer	Yes	This value is to set the starting record. Default value 0 is for the first record.
limitRecord	Integer	Yes	This value sets the limit of the maximum number of records to be returned. Default value is 10.

Response Structure

JSON   XML

```
        "Value": "4294967147"

      }

    ],

    "Industries": [

      {

        "Name": "Ambulatory Health Care Services",

        "Value": "4294967287"
```

Response Parameters

Name	Description	Type
PAList	Professional Associations List	Object
Title	Title	String

Name	Description	Type
CareerCenterYn	Does this professional association offer a career center?	String
CareerCenterUrl	Career Center URL	String
CertificationYn	Does this professional association offer any certifications?	String
Url	URL of this Professional Association	String
Occupations	Occupations associated with this PA, using O*NET taxonomy. Current implementation has one associated occupation per PA.	Object
Name	Name	String
Value	Value	String
Industries	Industries associated with this PA, at 3-digit level of NAICS taxonomy. Current implementation has one associated industry per PA.	Object
Name	Name	String
Value	Value	String
RecordCount	Number of search results	Number
DidYouMean	Did You Mean	String
AutoCorrection	Auto Correction	String
OccupationCountList	This object can be used to filter subsequent calls to this Web API by only one occupation	Object
UndoList	Undo List	Object
Item	Item	String
Count	Count	Number
Value	Value	String
FilterList	Filter List	Object
Item	Item	String
Count	Count	Number
Value	Value	String
IndustryCountList	This object can be used to filter subsequent calls to this Web API by only one industry	Object
UndoList	Undo List	Object

Name	Description	Type
Item	Item	String
Count	Count	Number
Value	List	String
FilterList	Filter List	Object
Item	Item	String
Count	Count	Number
Value	Value	String
QueriedOn	Current Query Information, lets users know on which search criteria the results are returned	Object
Code	Current Search Code if exists	String
IsKeywordSearch	Shows if current query is doing search based on keyword itself, vs on code. (True/False)	String
Title	Current Search Title	String
Type	Current Query Search Type. Valid values include: Keyword ONETDataLevel ONETNonDataLevel ONETNonDataLevelWithUmbrellas SOCDataLevel SOCNonDataLevel SOCNonDataLevelWithUmbrellas Industry	String

Errors

Error/Status Code	Description
200	OK / Success. The request went through successfully and there is a response body.
400	Bad Request (Request was invalid or missing parameters)
401	Unauthorized. This error occurs specifically when authentication is required and has failed or has not yet been provided correctly. (ex: Invalid API Token)
404	This error will be shown in two scenarios 1) Not found - (An error occurred) and 2) Not found - (No data available)
500	Internal Server Error. This error will occur when there is something critically wrong in the API call.

For information about jobs, training, career resources, or unemployment benefits call:
1-877-US2-JOBS (1-877-872-5627) or TTY 1-877-889-5627

For help using the CareerOneStop website:
info@careeronestop.org

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