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Web API: Get Job Description

The 'Get Job Description' Web API enables developers to query and retrieve a list of Job Descriptions by a set of parameters including O*net codes and state data entries. Results include a job description that can be used as-is, or edited as needed to fit the job being posted. Just copy the results and paste wherever you'd like to post your job description.

About this data

This Web API is used on www.CareerOneStop.org to help employers, businesses, or human resource departments write Job Descriptions. They can be used to post jobs or for internal promotion/job classification. You can see the Job Description writer on CareerOneStop's Business Center, here. For more information about the data found in the Job Description writer, click here.

Resource URL

https://api.careeronestop.org/v1/jdw/{userId}/{onetCode}/{state}/{category}

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
userId	String	Yes	This value is the unique UserID provided during the CareerOneStop Web API registration process
onetcode	String	Yes	This value is the O*NET Code for search term.
state	String	Yes	This value accepts state (IL)
category	String	Yes	This value is the Job Description Category. Example values are Purpose, Education and experience, skills etc.

Response Structure

```json
    {

        "ElementId": "string",

        "Content": "string"

    }

  ]

},

  "ToolsTech": "string"

}
```

JSON   XML

Response Parameters

Name	Description	Type	Parent
Purpose	Purpose	Object	
OnetCode	O*Net Code	string	Purpose
OnetTitle	O*Net Title	string	Purpose
OnetDesc	O*Net occupation description	string	Purpose
Activity	Activity	string	
Task	Task	string	

Name	Description	Type	Parent
WorkContext	Work Context	string	
KnowledgeList	Knowledge List	Array	
ElementId	Element ID	string	KnowledgeList
Content	Content	string	KnowledgeList
SkillsList	Skills LIst	Array	
ElementId	Element ID	string	SkillsList
Content	Content	string	SkillsList
Education	Education	Object	
EduDesc	Education Description	string	Education
Certifications	Certifications	Array	Education
ElementId	Element ID	string	Certifications
Content	Content	string	Certifications
Licenses	Licenses	Array	Education
ElementId	Element ID	string	Licenses
Content	Content	string	Licenses
ToolsTech	Tools and Technology for this occupation, from O*NET	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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