

# YouTube User Manual

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VIRTUAL JOB FAIR V6.0

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## Table of Contents

Introduction and Warnings .....	3
Create a YouTube Developer Account .....	4
Manage a YouTube Developer Account.....	6
Resources.....	8
<i>YouTube API tutorials</i> .....	8
<i>YouTube Subsystem Video Tutorial</i> .....	8

## Introduction and Warnings

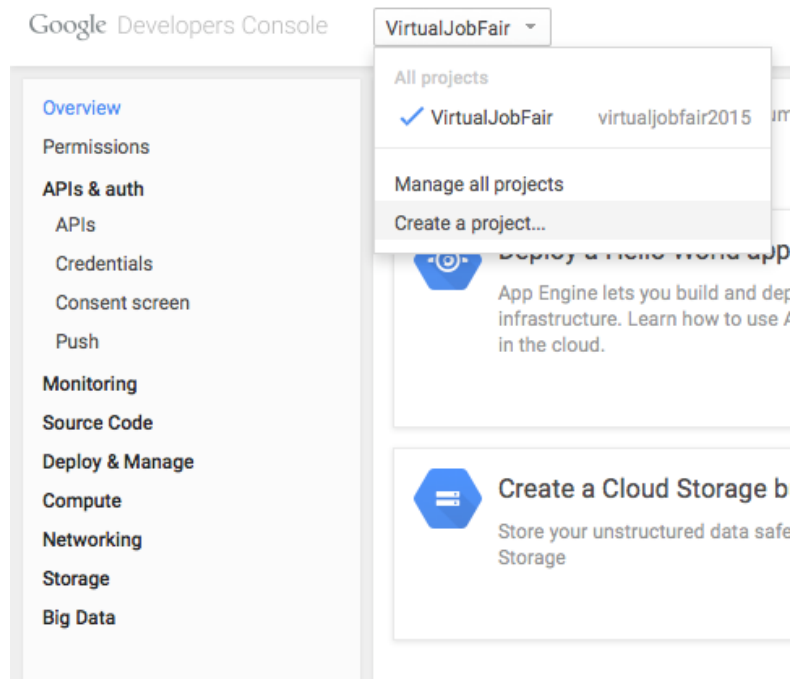
The YouTube feature is working as of VJF version 6.0. Before you try to edit the subsystem in any way please make sure to read this manual. Before you edit the code in the *YouTube subsystem* make sure that you read all the comments in the code. If you have not read the *Final Document* it is extremely recommended that you do so. It is advised that you read the YouTube API tutorials and you watch the VJF tutorial video (*See links on the Resources section*). Keep in mind that the *YouTube subsystem* utilizes a token generated at run time that is stored in a file on the server, the file is named *the\_key.txt*. This file should only be edited programmatically. If you run into any problems, make sure that the file has the correct write preferences.

## Create a YouTube Developer Account

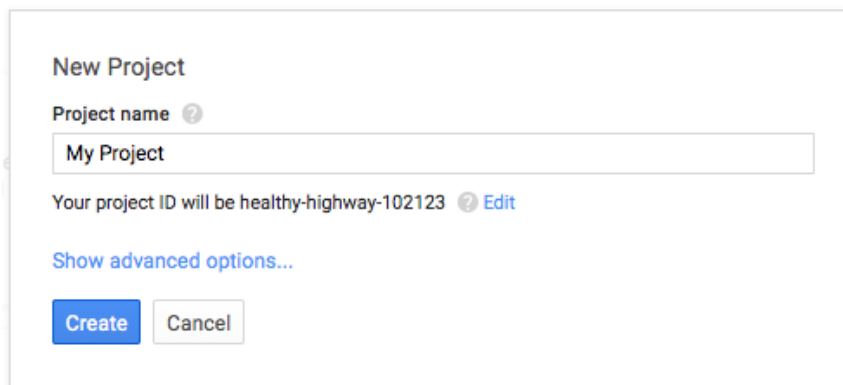
1. The first step to start using the YouTube API is to create a developer account. Start by going to this website and registering:

<https://console.developers.google.com/project/virtualjobfair2015?authuser=0>

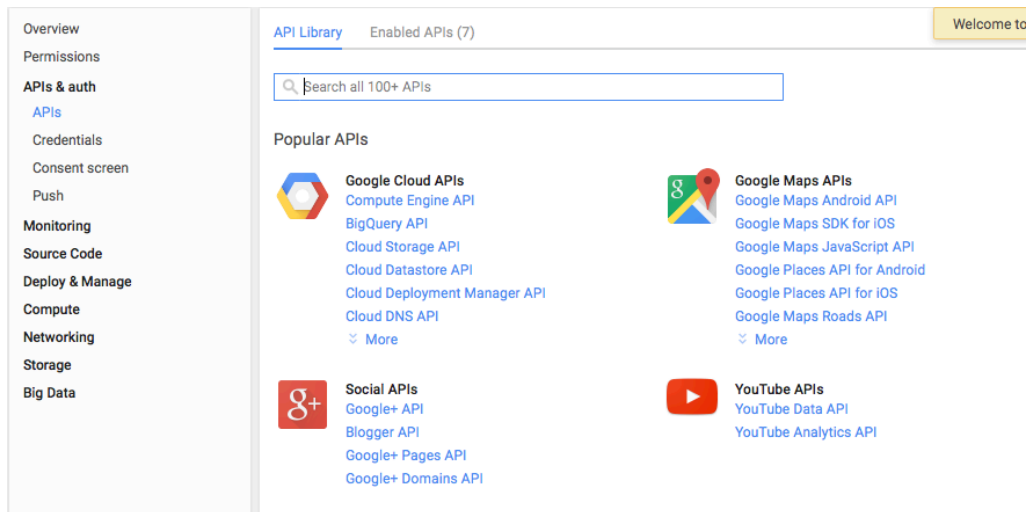
2. Create a Project by clicking create a project.



3. Give your project a name and create it.

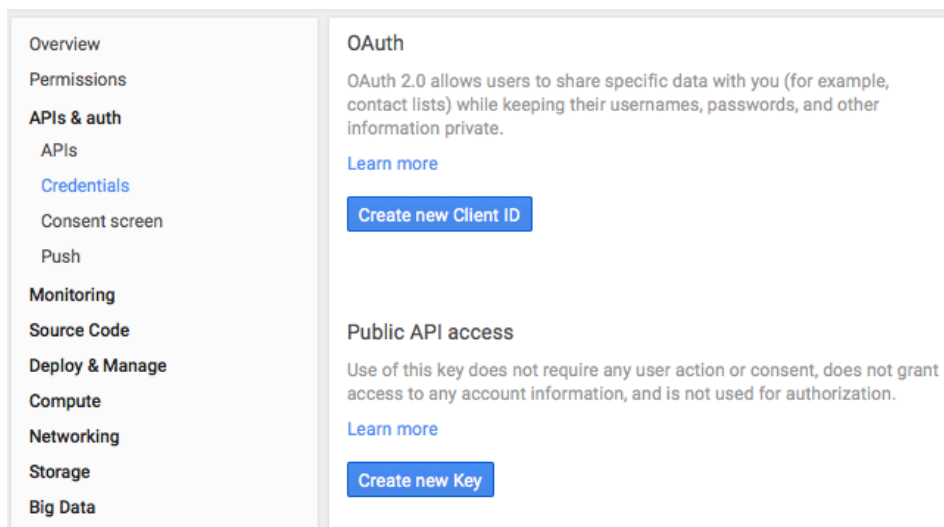
A screenshot of the 'New Project' dialog box. It has a title 'New Project' and a 'Project name' field with a question mark icon. The field contains the text 'My Project'. Below the field, it says 'Your project ID will be healthy-highway-102123' with a question mark icon and an 'Edit' link. There is a link 'Show advanced options...' and two buttons: 'Create' and 'Cancel'.

4. Then click the APIs tab on the left. Then click on YouTube Data API.



5. Click the Enable API button.

6. Then click the Credentials tab.



Here you can **Create new Client ID** and **Create new Key**. Both will be needed in the YouTube subsystem of the website.

## Manage a YouTube Developer Account

1. At the moment we already have an account registered. So login here:

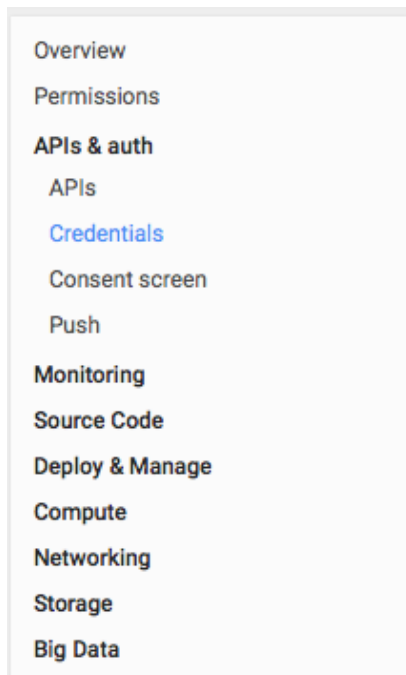
<https://console.developers.google.com/project/virtualjobfair2015?authuser=0>

username: [vjfuploads@gmail.com](mailto:vjfuploads@gmail.com)

password: virtualjobfair

So log in with the credentials.

2. Click on Credentials tab to manage.



- Here we can manage the Client ID and the API Access Key.

The screenshot displays the Google Developer Console interface for managing OAuth 2.0 client IDs and API keys. It is divided into two main sections: 'Client ID for web application' and 'Key for browser applications'.

**Client ID for web application:**

Client ID	499416543715-taun1hsg9901oghtgjvf6ov79kn2aof5.apps.googleusercontent.com
Client secret	b_D_XmQJEs9oZJwXVxvNL3bn
Redirect URIs	http://localhost/jobfair/protected/youtube_subsystem/sample.php
JavaScript origins	http://vjf-dev.cs.fiu.edu/

Buttons: Edit settings, Reset secret, Download JSON, Delete

**Public API access:**

Use of this key does not require any user action or consent, does not grant access to any account information, and is not used for authorization.

**Key for browser applications:**

API key	AlzaSyDyj9EhNPGF3bnj50k9MgxZdV_iuUPhQL0
Referrers	Any referrer allowed
Activation date	May 16, 2015, 11:04:18 PM
Activated by	vfuploads@gmail.com (you)
Obsolete key	AlzaSyBDMMLVceH27eajsEQ_1XH1oIjJtwWo7ys
Status	Active until May 17, 2015, 11:04:18 PM

Buttons: Edit allowed referrers, Regenerate key, Revert to obsolete key, Delete

- You can generate new Client ID or simply copy this one into the system.

**Client ID:**

499416543715-taun1hsg9901oghtgjvf6ov79kn2aof5.apps.googleusercontent.com

**Client Secret:** b\_D\_XmQJEs9oZJwXVxvNL3bn

- You can generate a new API key or copy this one into the system.

**API key:** AlzaSyDyj9EhNPGF3bnj50k9MgxZdV\_iuUPhQL0

- If you generate new keys for some reason. Then open the YouTubeHandler class in the YouTube Subsystem and append the new keys.
- As of version 6.0 the YouTube subsystem works perfectly so there is no need to alter the keys.

## Resources

YouTube API tutorials:

<https://developers.google.com/youtube/>

YouTube Subsystem Video Tutorial:

<https://www.youtube.com/watch?v=ACHtjec7N-4>