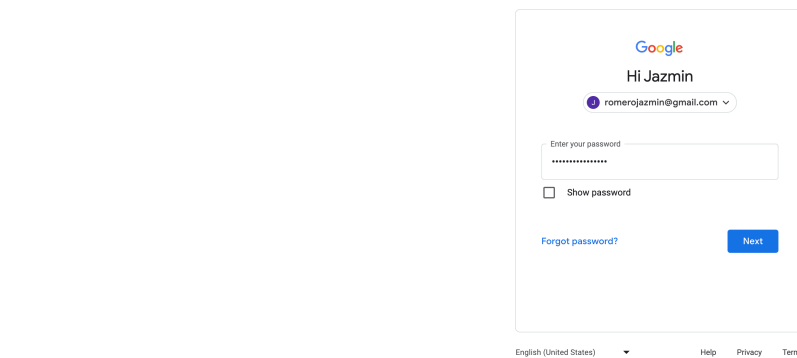


How to obtain an API Key to scrape YouTube videos.

This tutorial is composed of three steps: first, create a project in the google developers console, then add the YouTubeData v3 API feature to the project, and finally create the API token to scrap the videos.

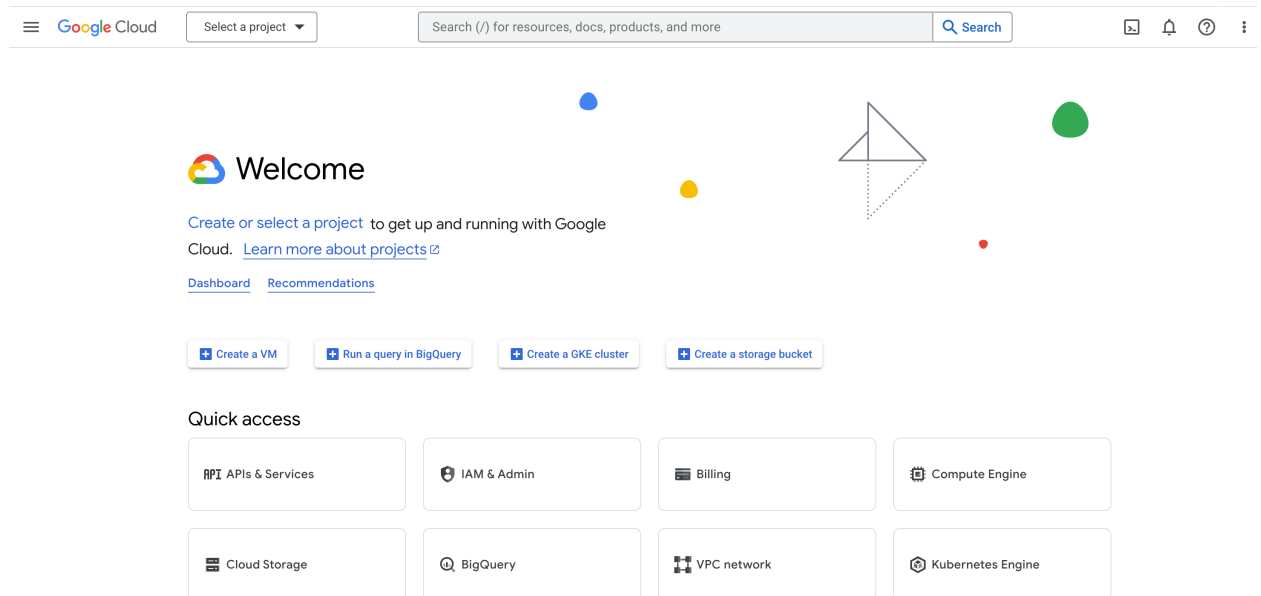
CREATE A PROJECT IN THE GOOGLE DEVELOPERS CONSOLE

1. Login in your google account:



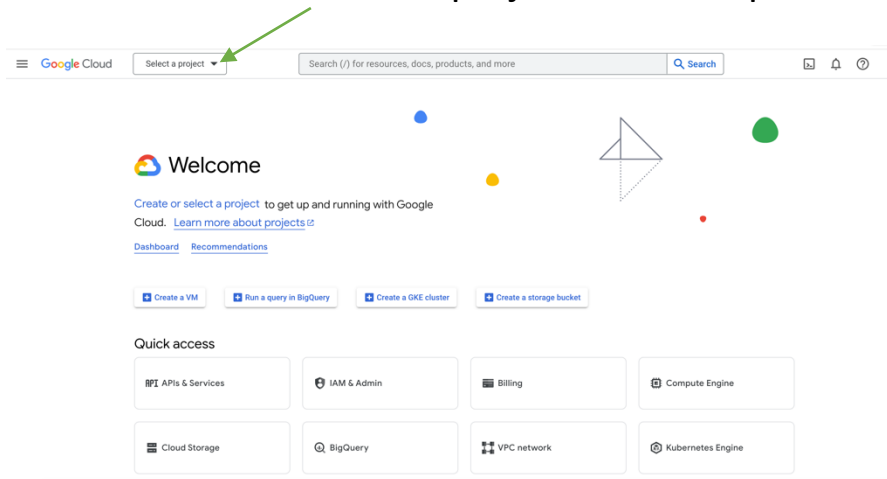
2. Go to google developers console to create a project:

<https://console.cloud.google.com/welcome?organizationId=0>

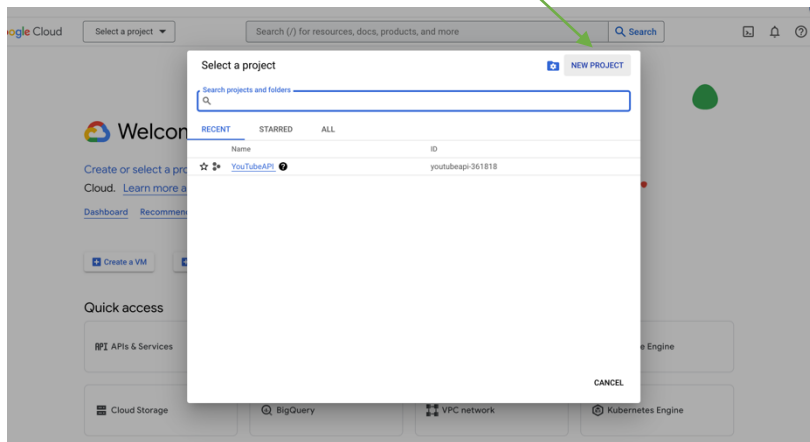


3. Create a new project:

- Click on “Select a project” in the top left corner.



- Click on “NEW PROJECT”



4. Fill the project’s name (a name of your choice) and click on the Create button:

Start your Free Trial with \$300 in credit. Don't worry—you won't be charged if you run out of credits. [Learn more](#)

Search (/) for resources, docs, products, and more

New Project

You have 11 projects remaining in your quota. Request an increase or delete projects. [Learn more](#)

[MANAGE QUOTAS](#)

Project name *

Project ID: sampleproject-401714. It cannot be changed later. [EDIT](#)

Location * [BROWSE](#)

Parent organization or folder

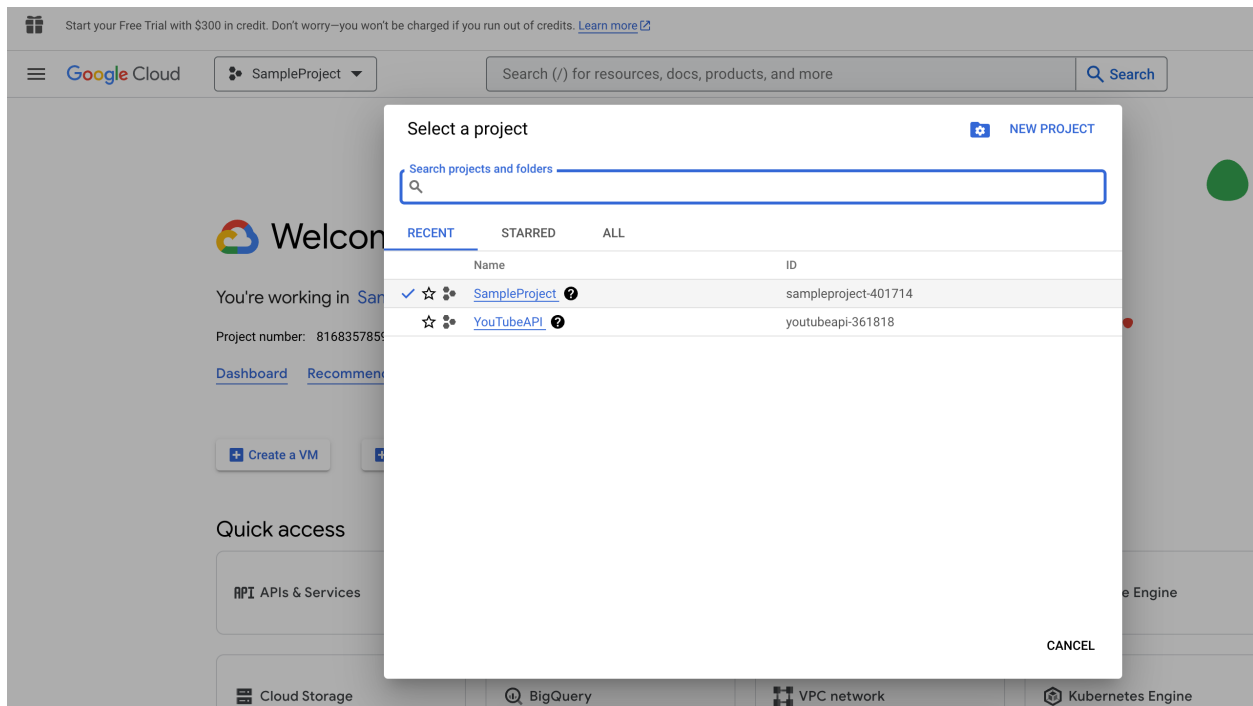
[CREATE](#) [CANCEL](#)

1

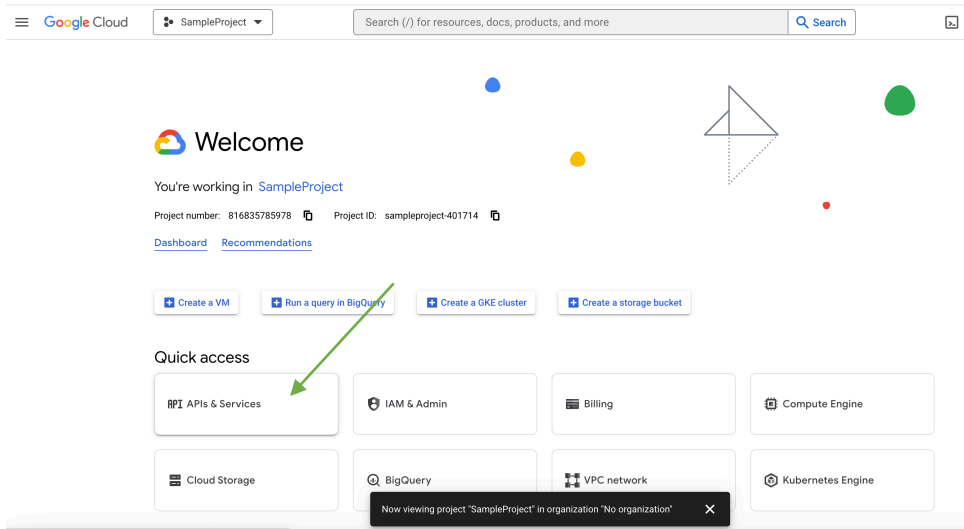
2

ENABLE THE YOUTUBE DATA API FOR A PROJECT

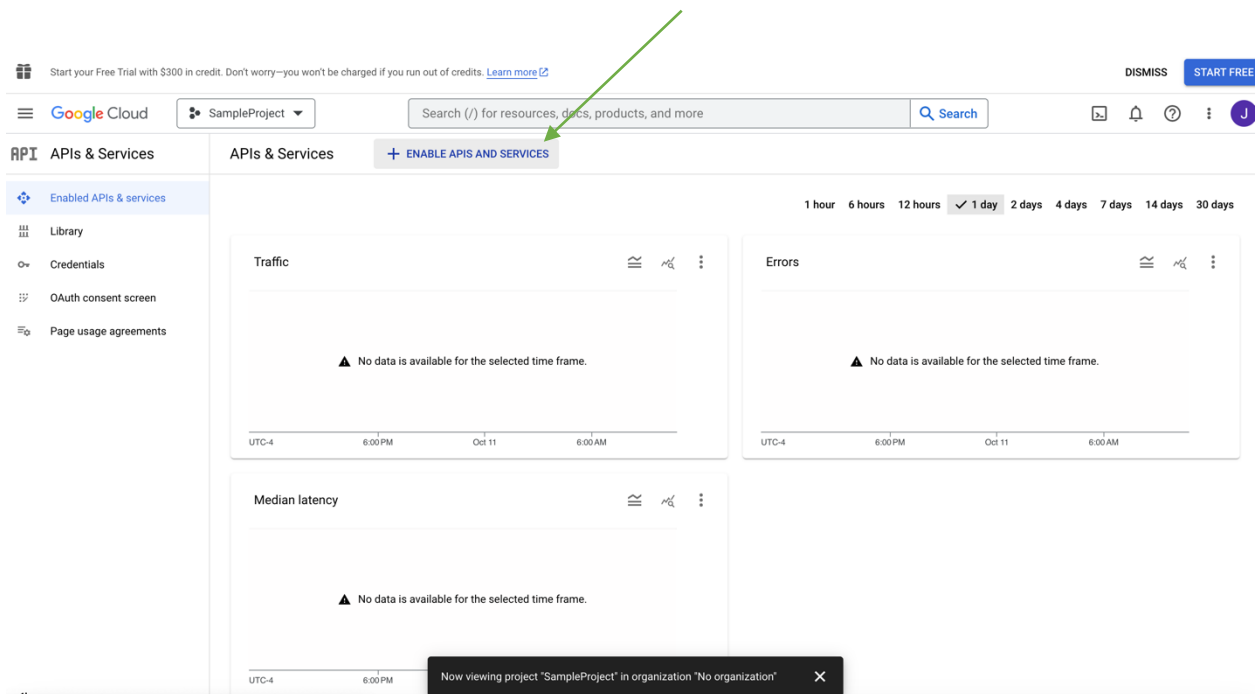
5. Select the recently created Project.
 - a. Click in Select Project
 - b. Select the Project



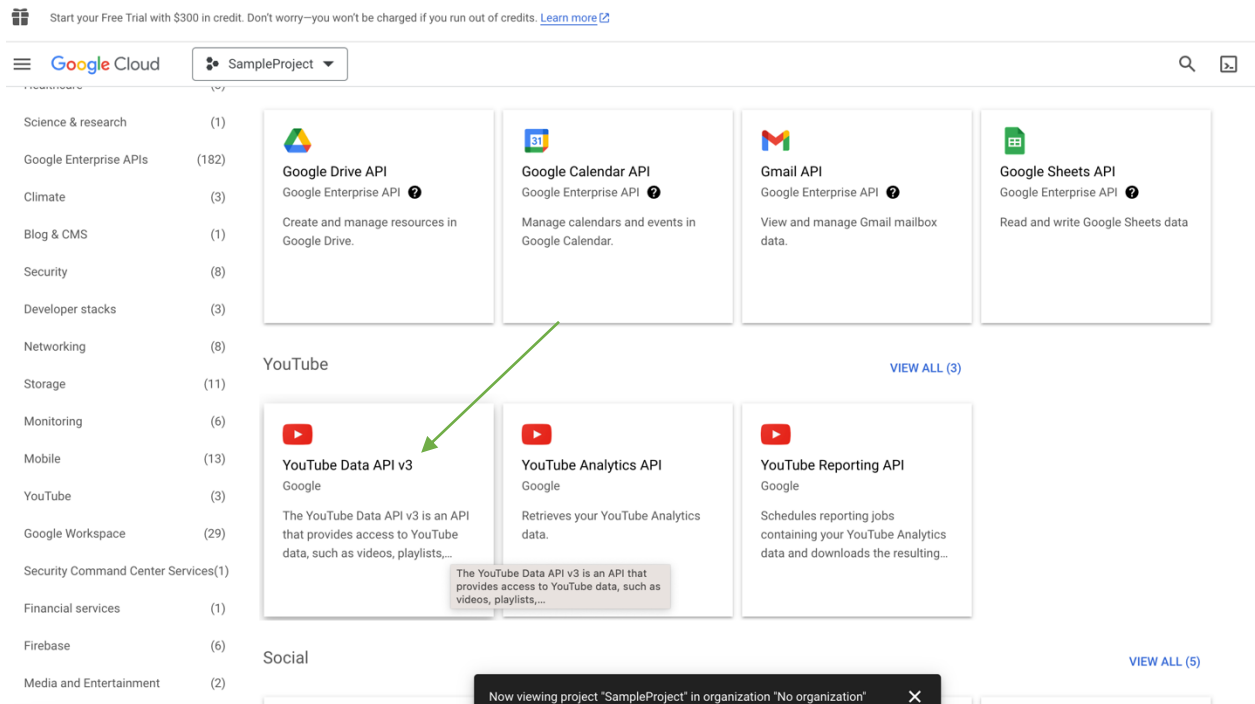
6. Click on the APIs&Services button:



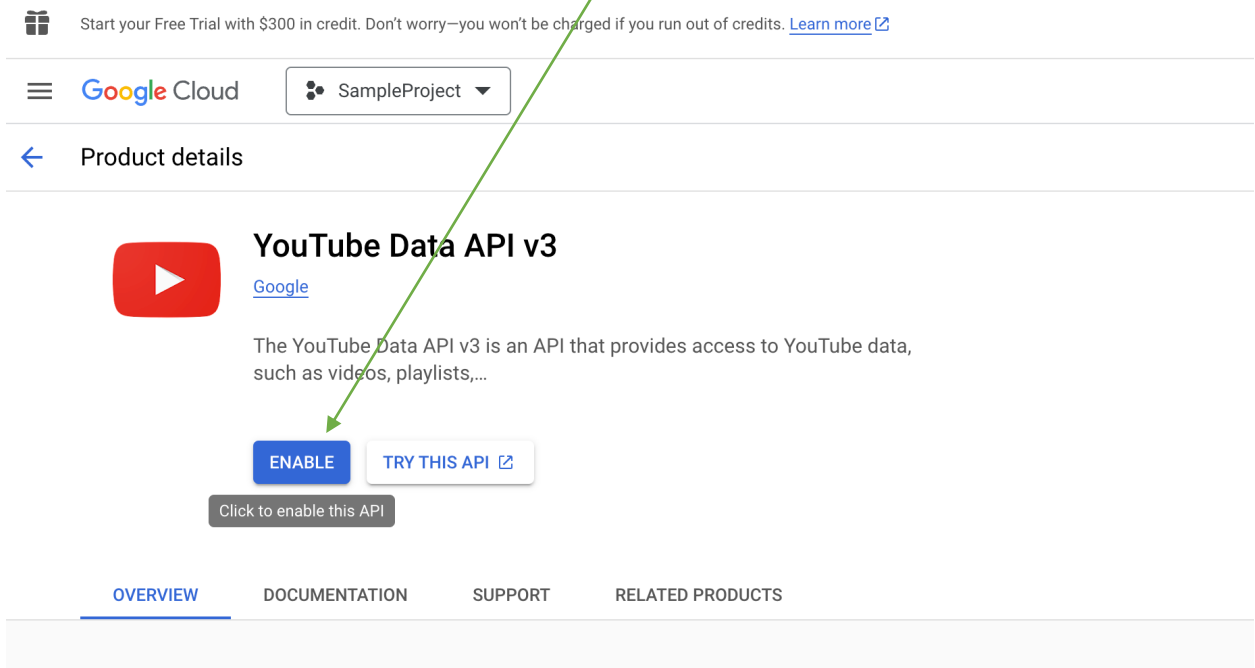
7. Click on the +ENABLE APIs AND SERVICES button:



8. Scroll down until to find the YouTube Data API v3 button and click it:



9. Click on the ENABLE button to enable the API.



CREATE CREDENTIALS TO ACCESS THE PROJECT PROGRAMMATICALLY

10. Click on the button +CREATE CREDENTIALS
Notice that the CREDENTIALS tab must be selected.

Google Cloud SampleProject Search (/) for resources, docs, products, and more Search

APIs & Services API/Service Details DISABLE API

Enabled APIs & services Library Credentials OAuth consent screen Page usage agreements

To use this API, you may need credentials. **CREATE CREDENTIALS**

YouTube Data API v3
The YouTube Data API v3 is an API that provides access to YouTube data, such as videos, playlists, and channels.
By Google

Service name youtube.googleapis.com Type Public API Status Enabled [LEARN MORE](#) [TRY IN API EXPLORER](#) [MAINTENANCE & SUPPORT](#)

METRICS QUOTAS **CREDENTIALS**

+ CREATE CREDENTIALS DELETE

Credentials compatible with this API
To view all credentials visit [Credentials in APIs & Services](#)

Remember to configure the OAuth consent screen with information about your application. [CONFIGURE CONSENT SCREEN](#)

API Keys

11. Select API key from the list:

API/Service Details DISABLE API

By Google

Service name youtube.googleapis.com Type Public API Status Enabled [LEARN MORE](#) [TRY IN API EXPLORER](#) [MAINTENANCE & SUPPORT](#)

METRICS QUOTAS **CREDENTIALS**

+ CREATE CREDENTIALS DELETE

Credentials compatible with this API
To view all credentials visit [Credentials in APIs & Services](#)

Remember to configure the OAuth consent screen with information about your application. [CONFIGURE CONSENT SCREEN](#)

API Keys

<input type="checkbox"/>	Name	Creation date	Restrictions ↓	Actions
No API keys to display				

OAuth 2.0 Client IDs

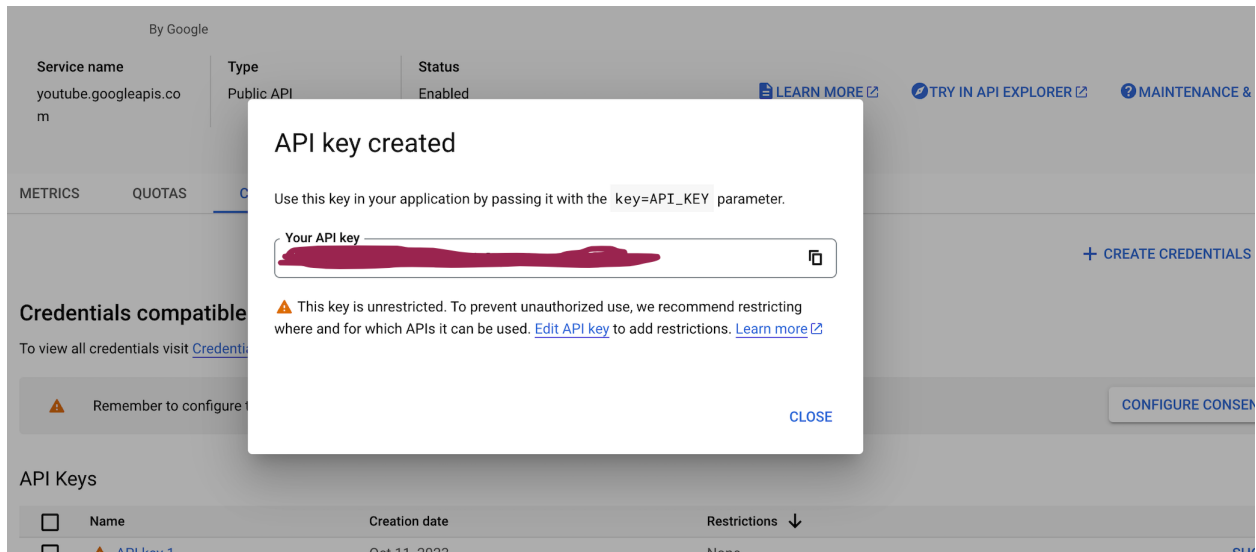
<input type="checkbox"/>	Name	Creation date ↓	Type	Client ID	Actions
No OAuth 2.0 client IDs to display					

API key
Identifies your project using a simple API key to check quota and access

OAuth client ID
Requests user consent so your app can access the user's data

Help me choose
Asks a few questions to help you decide which type of credential to use

12. Copy your API Key and save it.



13. Alternatively, you can obtain it by click it in the SHOW KEY button

Credentials compatible with this API

To view all credentials visit [Credentials in APIs & Services](#)

⚠ Remember to configure the OAuth consent screen with information about your application.

[CONFIGURE CONSENT SCREEN](#)


API Keys

<input type="checkbox"/>	Name	Creation date	Restrictions ↓	Actions
<input type="checkbox"/>	⚠ API key 1	Oct 11, 2023	None	SHOW KEY ⋮

OAuth 2.0 Client IDs

The API token value correspond to the “Enter Token Value” in the scrapping website.



 **Youtube API Token Management**

Add New Youtube API Token

Enter Token Name *

Enter Token Name

Enter Token Value *

Enter Youtube Token Value

Enter Token Tag (optional)

Enter Youtube Token Tag

Reset

Cancel

Submit