

How to use the YouTube Data API from Google

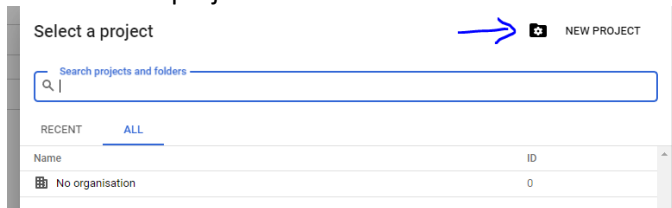
Using Python

Web Science, version 2020

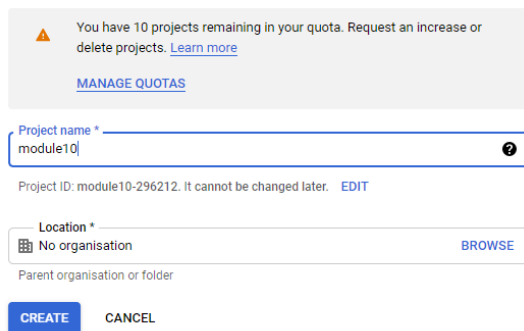
Use your Google account to activate and enable the YouTube DATA API.

visit : <https://console.developers.google.com> and enable your google account for development.

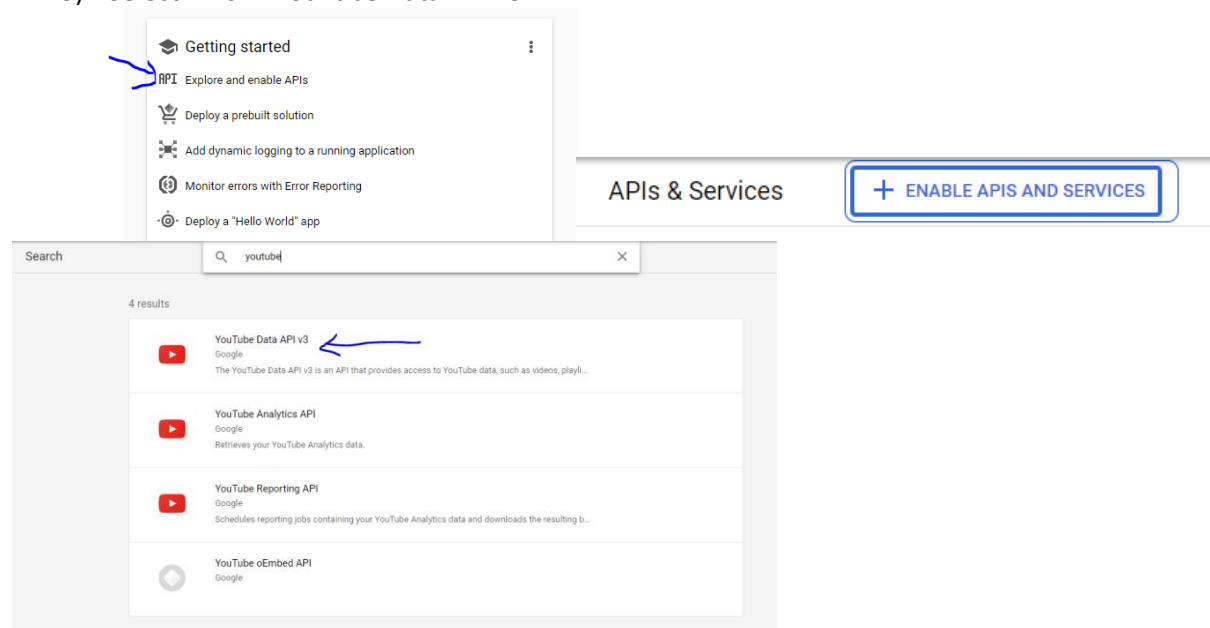
1) Create a new project



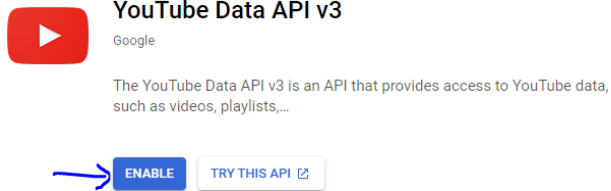
2) Define the project name



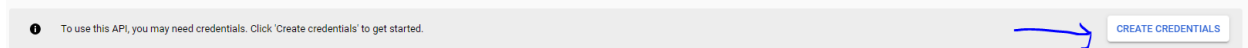
3) Select APIs -> YouTube Data API v3



4) Enable API



5) Select Create Credentials



6) Add Credentials with these settings

Add credentials to your project

1 Find out what kind of credentials you need

We'll help you set up the correct credentials.
If you want you can skip this step and create an [API key](#), [client ID](#) or [service account](#).

Which API are you using?

Different APIs use different auth platforms and some credentials can be restricted to only call certain APIs.

YouTube Data API v3

Where will you be calling the API from?

Credentials can be restricted using details of the context from which they're called. Some credentials are unsafe to use in certain contexts.

Web browser (JavaScript)

What data will you be accessing?

Different credentials are required to authorise access depending on the type of data that you request.

Public data

Access publicly available data provided by the API

User data

Access data belonging to a Google user, with their permission

[What credentials do I need?](#)

2 Get your credentials

[Cancel](#)

7) Press 'What credentials do I need?' to generate key:

Add credentials to your project

1 Find out what kind of credentials you need

Calling YouTube Data API v3 from a web browser

2 Get your credentials

Here is your API key

AIzaSyA...0wC

⚠ We recommend restricting this key before using it in production. Restrictions limit which websites, IP addresses or apps can call APIs with this key.
[Restrict key.](#)

[Done](#)

[Cancel](#)

8) Your key is created, this you need to use in your python scripts to gain access to the API's of Google

Now it is time to start or install Python (Windows/Mac/Linux)

Anaconda: <https://www.anaconda.com/products/individual> (or any other distribution)

Windows users should add the application to the environment path variable as well.

(the install script of Anaconda can do that)

Python package google/google-api-python-client:

<https://github.com/google/google-api-python-client>

See instructions in README.md, install command is `pip install google-api-python-client`

Examples of python scripts are located here:

<https://github.com/youtube/api-samples/tree/master/python>