

Getting your Client ID and Secret

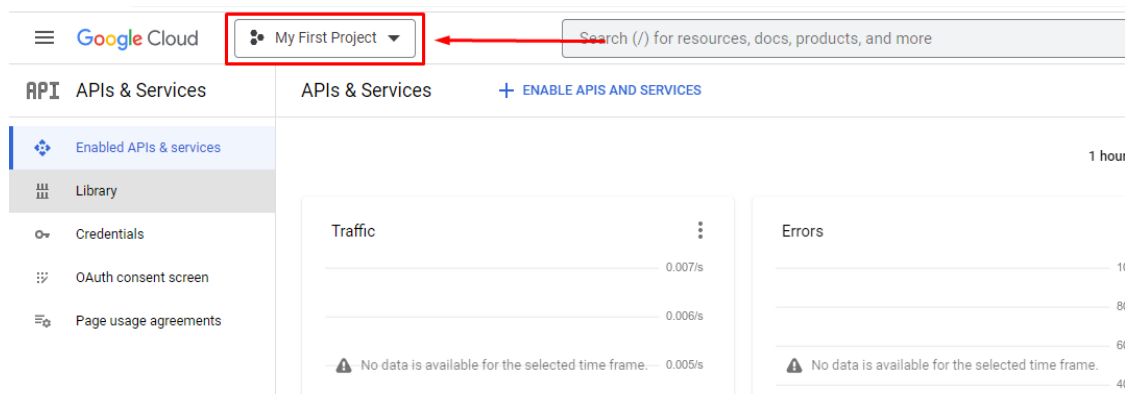
Log in to your Google Account and go to this website:

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

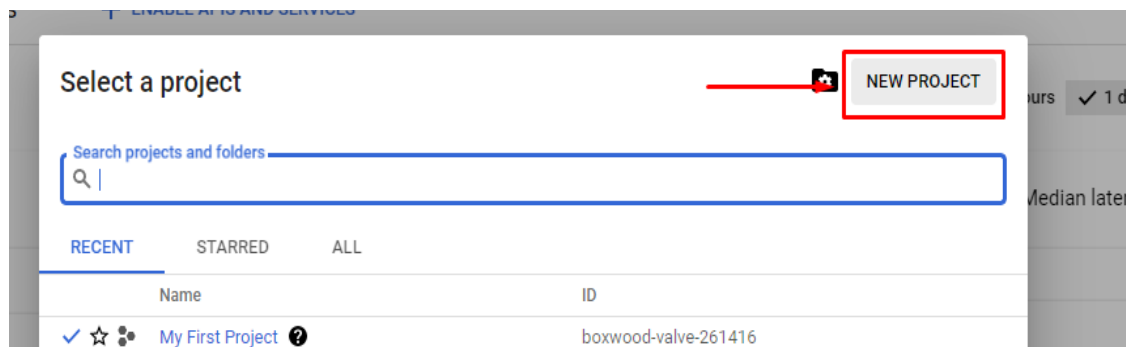
Create a Project

Create a new project using the dropdown at the top.

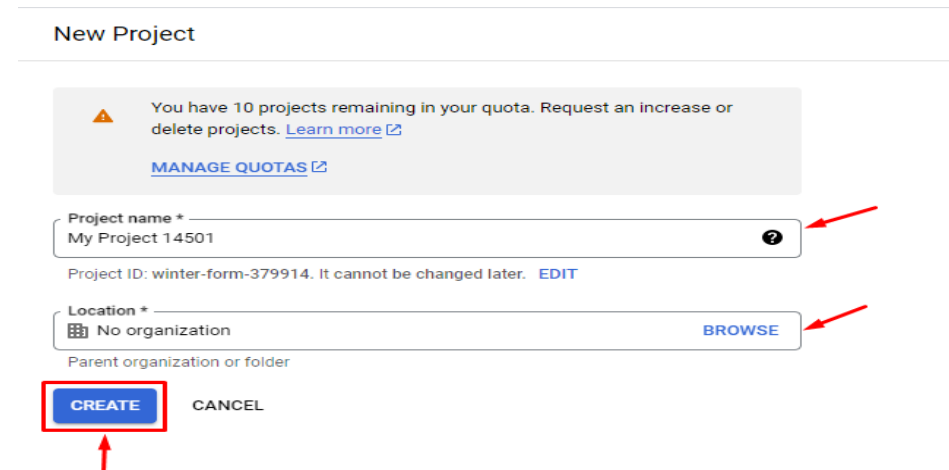
1.



2.



3.



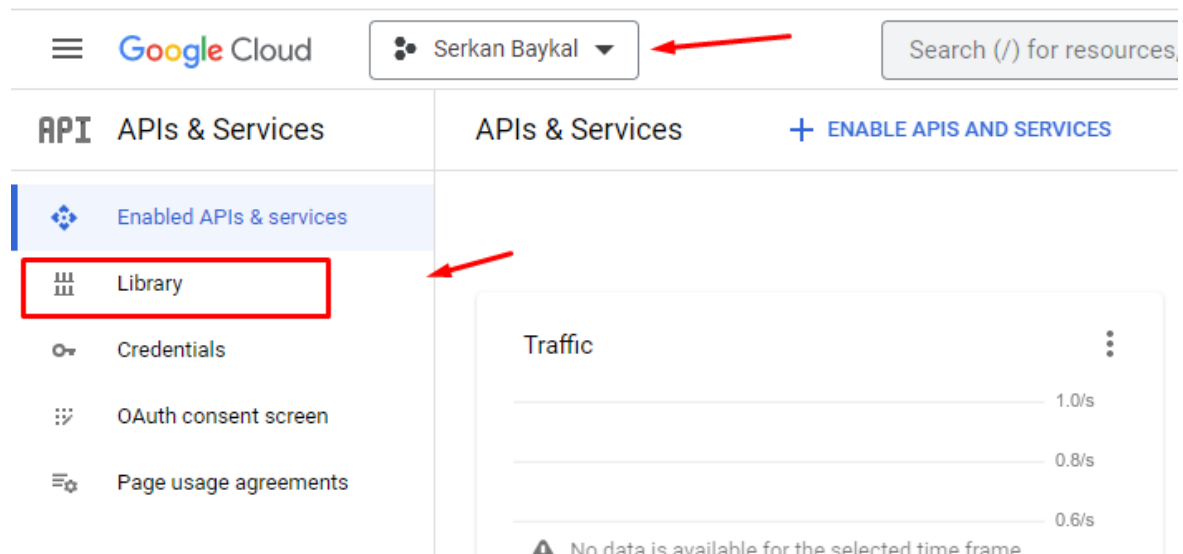
After you enter a name, it takes a few seconds before the project is successfully created on the server.

Enable Drive API

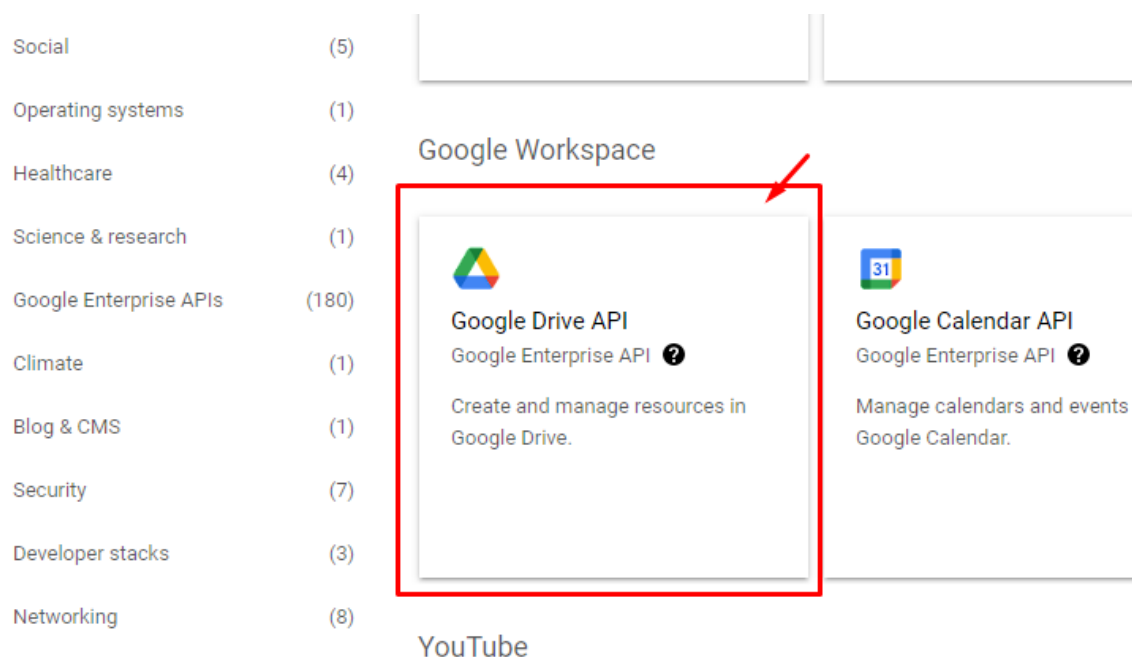
Make sure you have the project selected at the top.

Then go to "Library" and click on "Drive API" under "Google Workspace". And then Enable it.

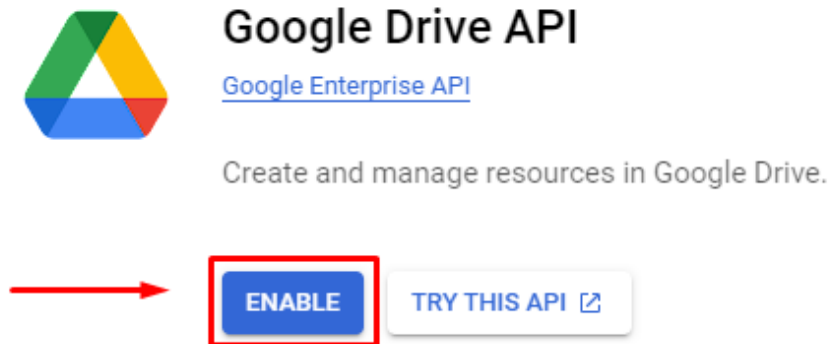
1.



2.



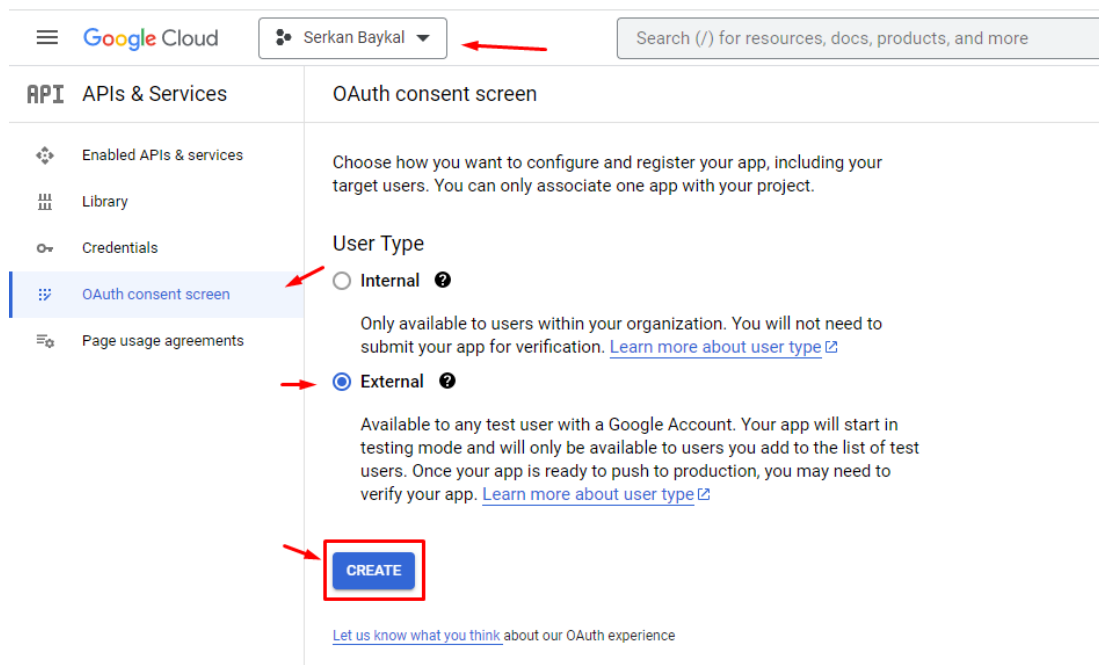
3.



Create Credentials

Go to "Credentials" and click on the tab "OAuth Consent Screen". Select "External" option and click "Create" button. Fill in a "App name" & "Developer contact information" and select "User support email" then Save it. Don't worry about the other fields.

1.



2.

App information

This shows in the consent screen, and helps end users know who you are and contact you

App name *

The name of the app asking for consent

User support email *

For users to contact you with questions about their consent

Developer contact information

Email addresses *

These email addresses are for Google to notify you about any changes to your project.

SAVE AND CONTINUE CANCEL

Go to the "OAuth consent screen" tab again and click the "PUBLISH APP" button.
(Required for access.)

Google Cloud Serkan Baykal

Search (/) for resources, docs, p

API APIs & Services OAuth consent screen

Enabled APIs & services

Library

Credentials

OAuth consent screen

Page usage agreements

Serkan Baykal Test App [EDIT APP](#)

Publishing status ?

Testing

PUBLISH APP

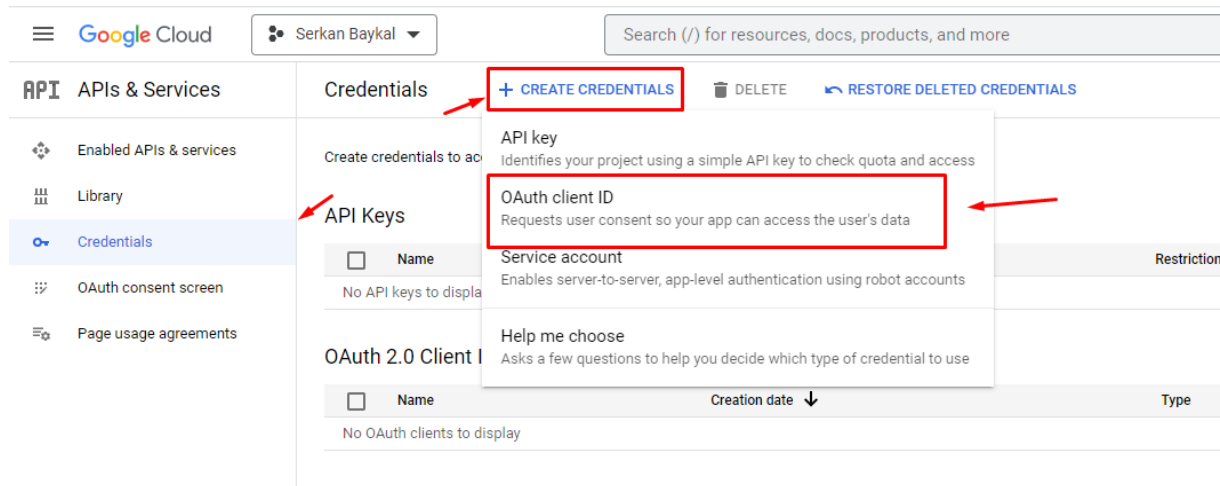
User type

External ?

MAKE INTERNAL

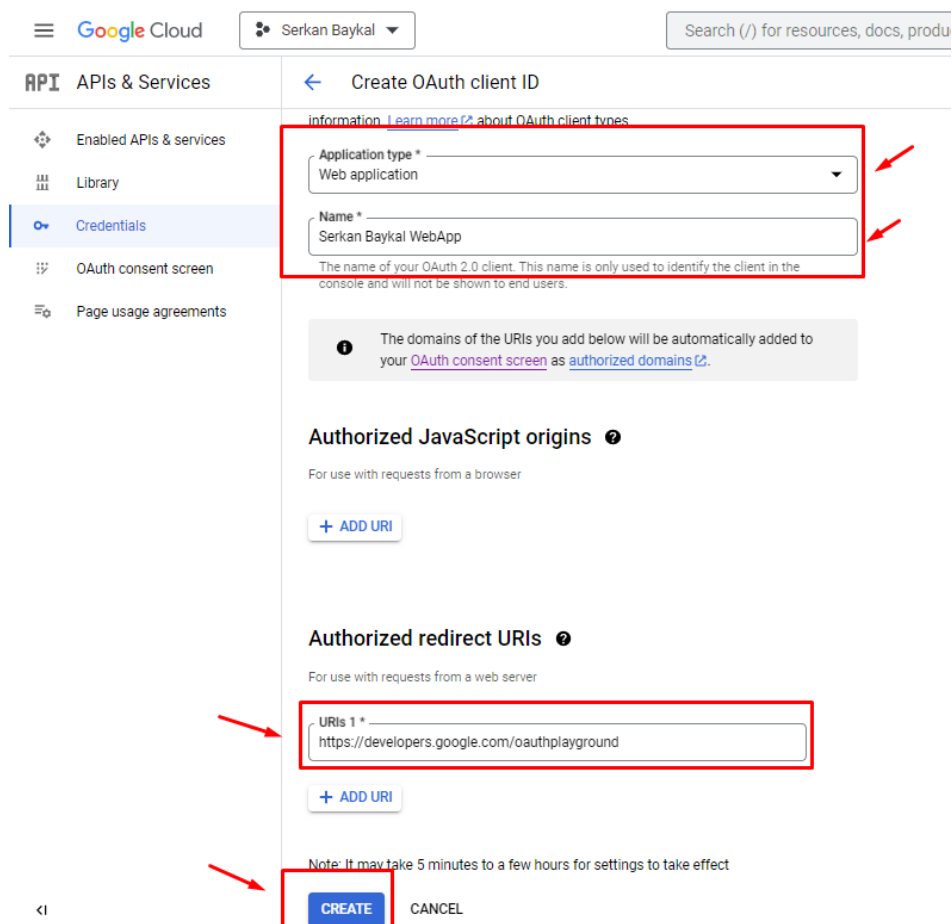
Then go back to Credentials, click the button that says "Create Credentials" and select "OAuth Client ID".

1.



Choose "Web Application" and give it a name.

Add <https://developers.google.com/oauthplayground> in "Authorized redirect URIs". You will need to use this in the next step to get your refresh token. Once you have the token, you can remove the URI.



Click Create and take note of your **Client ID** and **Client Secret**.

Getting your Refresh Token

Go to <https://developers.google.com/oauthplayground/>

In the top right corner, click the settings icon, check "Use your own OAuth credentials" and paste your Client ID and Client Secret.

1.

OAuth 2.0 configuration

OAuth flow: Server-side

OAuth endpoints: Google

Authorization endpoint: <https://accounts.google.com/o/oauth2/v2/auth>

Token endpoint: <https://oauth2.googleapis.com/token>

Access token location: Authorization header w/ Bearer prefix

Access type: Offline

Force prompt: Consent Screen

☒ Use your own OAuth credentials

You will need to list the URL <https://developers.google.com/oauthplayground/> as a valid redirect URI in your [Google APIs Console's](#) project. Then enter the client ID and secret assigned to a web application on your project below:

OAuth Client ID: 547907501132-5fqedtl0sajc6r05ifj98qd3gr15c77.a

OAuth Client secret: GOCSPX--GmNapsXWUGvWF7p2V28MVtimC

Note: Your credentials will be sent to our server as we need to proxy the request. Your credentials will not be logged.

[Close](#)

2.

In step 1 on the left, scroll to "Drive API v3", expand it and check the first drive scope.

The screenshot shows the OAuth 2.0 Playground interface. At the top, there's a title bar with "OAuth 2.0 Playground" and a close button. Below that, a tab labeled "Step 1 Select & authorize APIs" is active. The instructions state: "Select the scope for the APIs you would like to access or input your own OAuth scopes below. Then click the 'Authorize APIs' button." A list of APIs is shown: "Content API for Shopping v2.1", "Dataflow API v1b3", "Drive API v3" (expanded), "Drive Activity API v2", and "Enterprise License Manager API v1". Under "Drive API v3", several scopes are listed, with the first one, "https://www.googleapis.com/auth/drive", checked and highlighted by a red box. A red arrow points to this box. At the bottom of the list, there's an input field for "Input your own scopes" and a blue "Authorize APIs" button, which is also highlighted by a red box. A red arrow points to this button. Below the "Step 1" tab, the "Step 2 Exchange authorization code for tokens" tab is visible.

Click "Authorize APIs" and allow access to your account when prompted. There will be a few warning prompts, just proceed.

When you get to step 2, check "Auto-refresh the token before it expires" and click "Exchange authorization code for tokens".

OAuth 2.0 Playground

✕

▶ Step 1 Select & authorize APIs

▼ Step 2 Exchange authorization code for tokens

Once you got the Authorization Code from Step 1 click the **Exchange authorization code for tokens** button, you will get a refresh and an access token which is required to access OAuth protected resources.

Authorization code:

Exchange authorization code for tokens

Refresh token:

Access token:

Refresh access token

☒ Auto-refresh the token before it expires.

Note: The OAuth Playground will automatically revoke refresh tokens after 24h. You can avoid this by specifying your own application OAuth credentials using the Configuration panel.

Request / Response

HTTP/1.1 302 Found
Location: https://accounts.google.com/o/oauth2/auth?response_type=token&client_id=1042512851251-1042512851251.apps.googleusercontent.com&redirect_uri=https%3A%2F%2Fdevelopers.google.com/oauthplayground/?code=4/0AWtgzh7hTwJFlpb-c71uszqiYZuOIP-oeG1OiMlqViH

GET /oauthplayground/?code=4/0AWtgzh7hTwJFlpb-c71uszqiYZuOIP-oeG1OiMlqViH
HTTP/1.1
Host: developers.google.com

4.

When you get to step 3, click on step 2 again and you should see your refresh token.

OAuth 2.0 Playground

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▶ Step 1 Select & authorize APIs

▼ Step 2 Exchange authorization code for tokens

Once you got the Authorization Code from Step 1 click the **Exchange authorization code for tokens** button, you will get a refresh and an access token which is required to access OAuth protected resources.

Authorization code: 4/0AWtgzh7hTwJF1pb-c71uszqjYzuOIP-oeG10iMlqViH

Exchange authorization code for tokens

Refresh token: 1//04WX4twau4PTSCgYIARAAGASNWf-L9IryNEixCnH2_

Access token: ya29.a0AVvZVsoW1ITCP0EUjMeq6I Refresh access token

☒ Auto-refresh the token before it expires.

The access token will expire in 3564 seconds.

Note: The OAuth Playground will automatically revoke refresh tokens after 24h. You can avoid this by specifying your own application OAuth credentials using the Configuration panel.

Request / Response

```
POST /token HTTP/1.1
Host: oauth2.google
Content-length: 31
Content-type: application/x-www-form-urlencoded
User-Agent: googlebot

code=4%2F0AWtgzh7hTwJF1pb-c71uszqjYzuOIP-oeG10iMlqViH0vD5z15fqedtl10sajc6r05:

HTTP/1.1 200 OK
Content-length: 46
X-xss-protection: 0
X-content-type-options: nosniff
Transfer-encoding: chunked
Expires: Mon, 01 Mar 2016 12:00:00 GMT
Vary: Origin, X-Requested-With, Accept, Accept-Encoding
Server: scaffold/3.4.2
Content-encoding: gzip
Pragma: no-cache
Cache-control: no-cache
Date: Tue, 07 Mar 2016 12:00:00 GMT
X-frame-options: SAMEORIGIN
Alt-svc: h3=":443"
Content-type: application/json

{
  "access_token": "ya29.a0AVvZVsoW1ITCP0EUjMeq6I",
  "refresh_token": "1//04WX4twau4PTSCgYIARAAGASNWf-L9IryNEixCnH2_"
}
```

Getting your Root Folder ID

If you want to store files in your Google Drive root directory, then the folder ID can be null. Else go into your Drive and create a folder.

Because Google Drive allows duplicate names, it identifies each file and folder with a unique ID. If you open your folder, you will see the Folder ID in the URL.

← → ↺

drive.google.com/drive/folders/1x8ZOU6AkHgz7yuYnE6-u01nz0GRJEex

←

Drive

Drive'da arayın

Yeni

Drive'im

Drive'im > Vedubox Serkan Baykal

Dosyalar