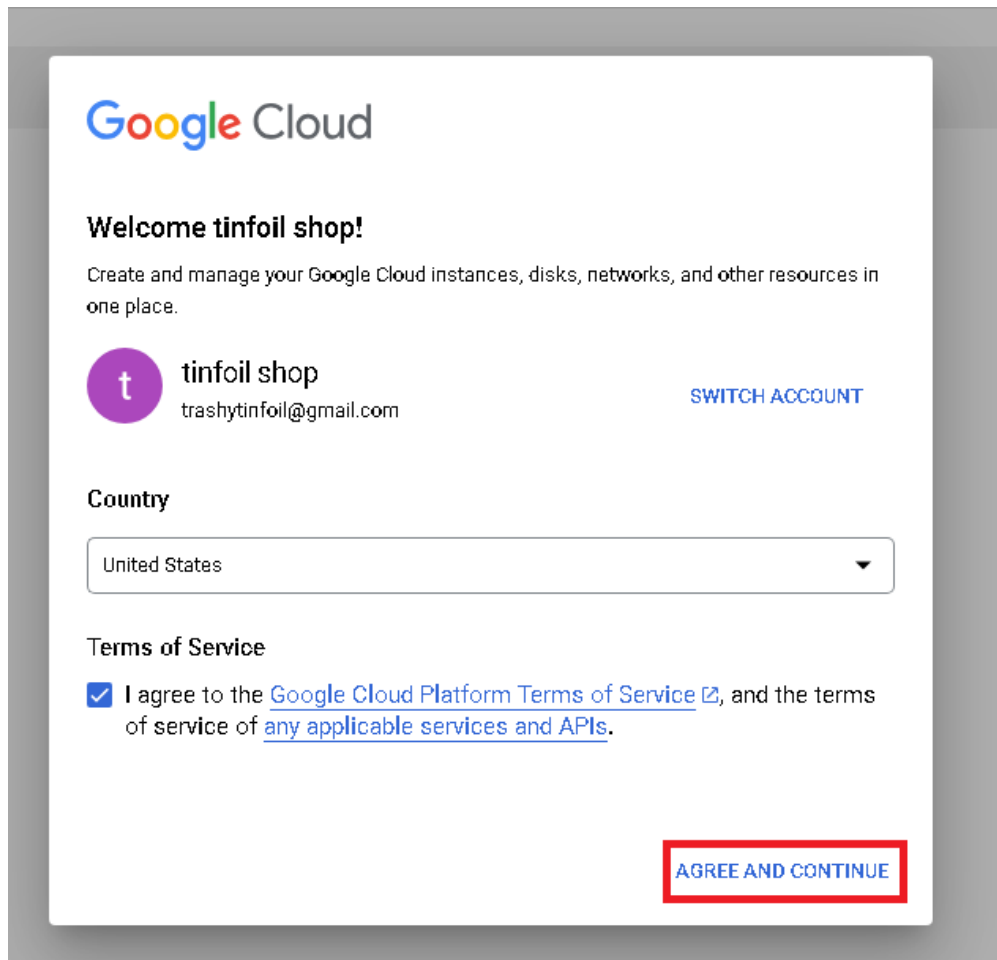


Setting up OAuth for GDrive & Tinfoil

Enable your Google Drive API & make JSON credentials


- First download [this](#) and unzip it and keep the two files in a folder for later.
- <https://developers.google.com/drive/api/quickstart/go>
- Scroll down a little and press **Enable the API**
- A page with Google Cloud will open, agree to the TOS and continue.



Google Cloud

Welcome tinfoil shop!

Create and manage your Google Cloud instances, disks, networks, and other resources in one place.

 **tinfoil shop**
trashytinfoil@gmail.com [SWITCH ACCOUNT](#)

Country

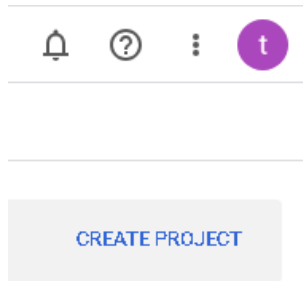
United States ▼

Terms of Service

☒ I agree to the [Google Cloud Platform Terms of Service](#), and the terms of service of [any applicable services and APIs](#).

AGREE AND CONTINUE

- Press the **Create Project** button on the right-hand side below your Google account button.



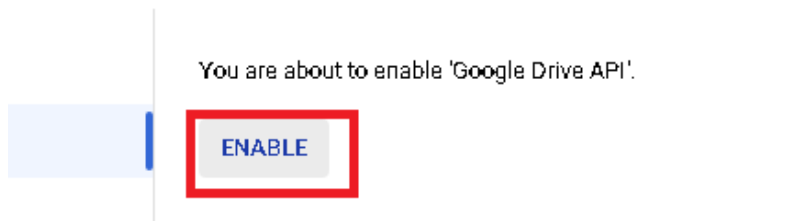
- **Project Name** does not matter what it's called, **Location/organization** doesn't matter either.
New Project

A screenshot of the 'New Project' form in the Google Cloud console. At the top, a warning message states: 'You have 12 projects remaining in your quota. Request an increase or delete projects. [Learn more](#)'. Below this is a link to 'MANAGE QUOTAS'. The 'Project name' field is highlighted with a blue border and contains the text 'My Project'. Below the name field, it says 'Project ID: It cannot be changed later. [EDIT](#)'. The 'Location' field is highlighted with a gray border and contains 'No organization' with a 'BROWSE' link. Below the location field, it says 'Parent organization or folder'. At the bottom, there are two buttons: 'CREATE' (highlighted with a red box) and 'CANCEL'.

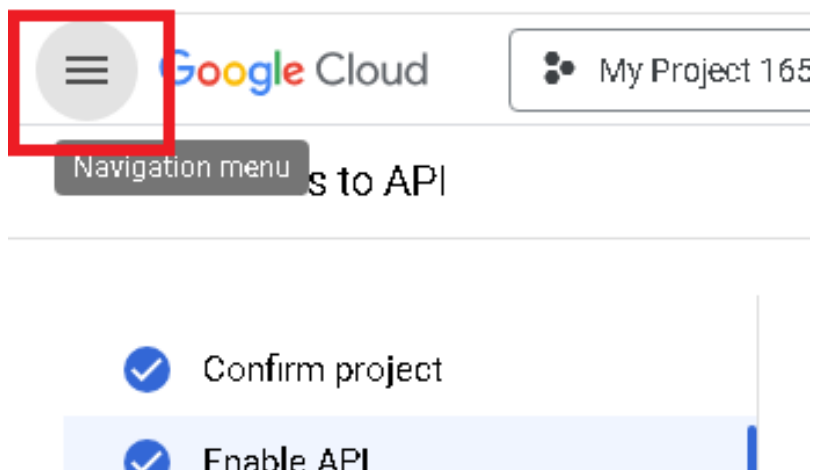
- Press **Create**
Enable access to API

A screenshot of the 'Confirm project' step in the Google Cloud console. On the left, there is a vertical list of steps: '1 Confirm project' (highlighted with a blue bar) and '2 Enable API'. On the right, there is a text box that says: 'You are going to make changes to the project. If you are not intending to use, you can stop the project here.' Below the text box is a 'NEXT' button, which is highlighted with a red box.

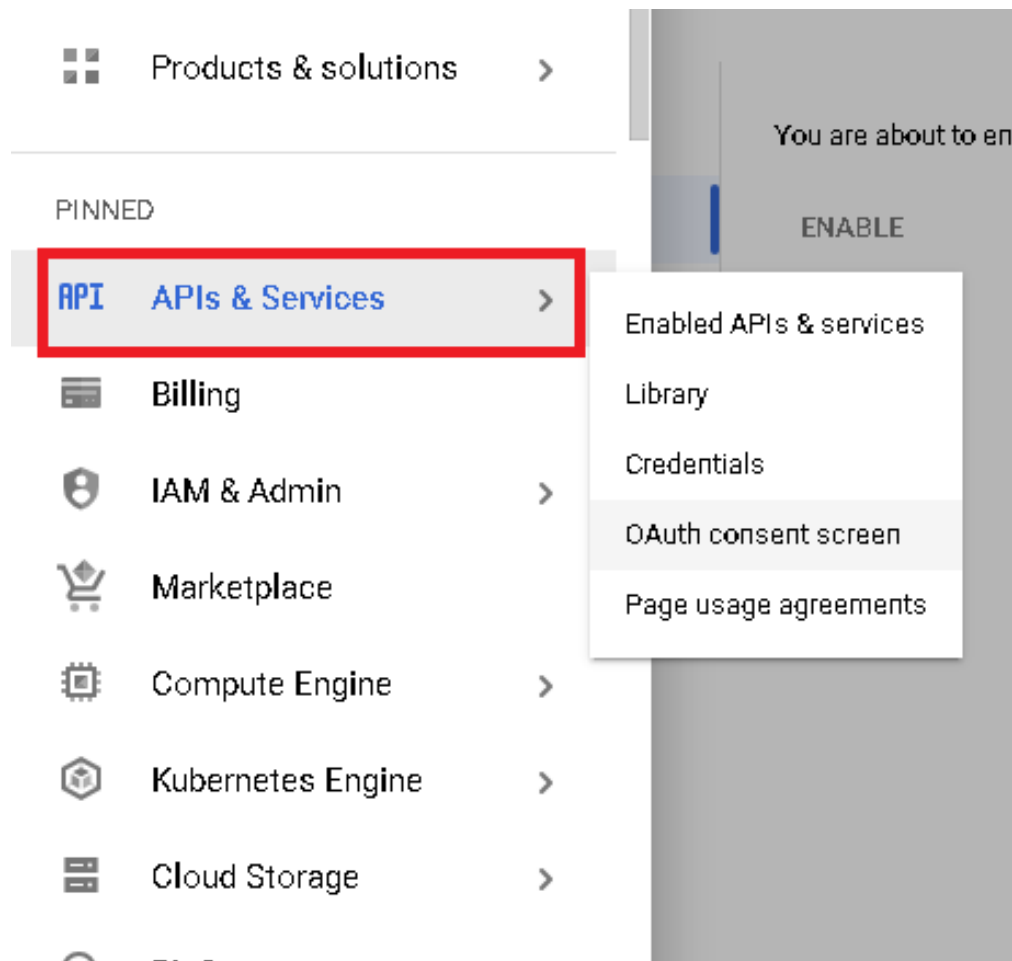
- Press **Next**



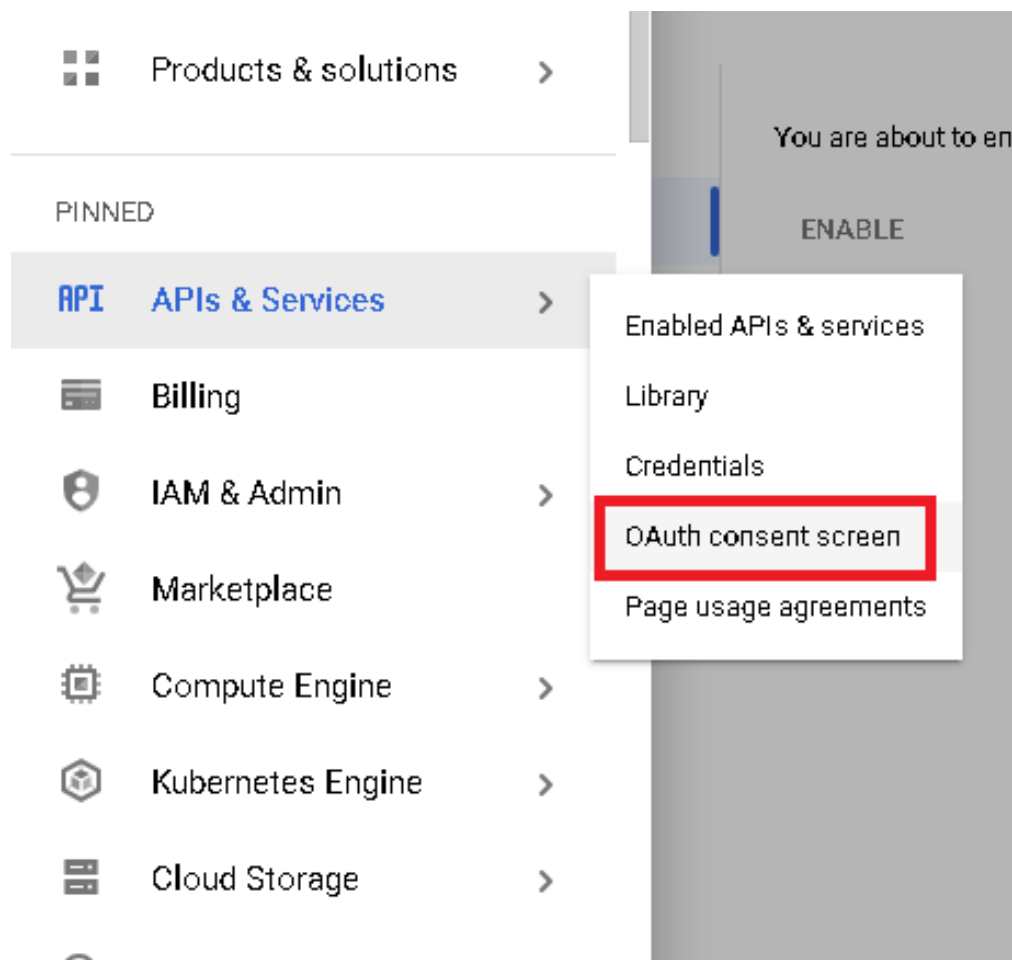
- Press **Enable**



- Press hamburger menu in the top left



- Hover over **API & Services**



- Select **OAuth consent screen**

OAuth consent screen

Choose how you want to configure and register your app, including your target users. You can only associate one app with your project.

User Type

☐ Internal ?

Only available to users within your organization. You will not need to submit your app for verification. [Learn more about user type](#)

☒ External ?

Available to any test user with a Google Account. Your app will start in testing mode and will only be available to users you add to the list of test users. Once your app is ready to push to production, you may need to verify your app. [Learn more about user type](#)

CREATE

[Let us know what you think](#) about our OAuth experience

- Select box for **External**, select ****Create****

Edit app registration

1 OAuth consent screen — **2** Scopes — **3** Test users — **4** Summary

App information

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

App name *

random app name

The name of the app asking for consent

User support email *

trashytinfoil@gmail.com

For users to contact you with questions about their consent

- **App name** does not matter, email **must be yours**
- Scroll down to **Developer contact information** put same email

- ## Edit app registration

1 OAuth consent screen

2 **Scopes**

3 Test users

4 Summary

Scopes express the permissions you request users to authorize for your app and allow your project to access specific types of private user data from their Google Account. [Learn more](#)

ADD OR REMOVE SCOPES

Your non-sensitive scopes

API	Scope	User-facing description
No rows to display		

-
- Update selected scopes**
- Only scopes for enabled APIs are listed below. To add a missing scope to this screen, find and enable the API in the [Google API Library](#) or use the Pasted Scopes text box below. Refresh the page to see any new APIs you enable from the Library.
- Filter:
- | API | Scopes | Description |
|-------------------------------------------|---------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> Google Drive API | https://www.googleapis.com/auth/drive | View, manage, and share your Google Drive files and folders |
| <input type="checkbox"/> Google Drive API | https://www.googleapis.com/auth/drive.appdata | View, manage, and share your Google Drive files and folders |
| <input type="checkbox"/> Google Drive API | https://www.googleapis.com/auth/drive.file | View, manage, and share your Google Drive files and folders |
| <input type="checkbox"/> Google Drive API | https://www.googleapis.com/auth/drive.metadata | View, manage, and share your Google Drive files and folders |
| <input type="checkbox"/> Google Drive API | https://www.googleapis.com/auth/drive.metadata.readonly | View, manage, and share your Google Drive files and folders |
| <input type="checkbox"/> BigQuery API | .../auth/cloud-platform | See, edit, configure, and delete your Google Cloud data and see the email address for your Google Account. |
| <input type="checkbox"/> BigQuery API | .../auth/bigquery.readonly | View your data in Google BigQuery |
| <input type="checkbox"/> BigQuery API | .../auth/cloud-platform.read-only | View your data across Google Cloud services and see the email address of your Google Account |
| <input type="checkbox"/> BigQuery API | .../auth/devstorage.full_control | Manage your data and permissions in Cloud Storage and see the email address for your Google Account |

- Select **Google Drive API**

<input type="checkbox"/>	Google Drive API	.../auth/drive.appdata	See, create, and delete its own configuration data in your Google Drive
<input type="checkbox"/>	Google Drive API	.../auth/drive.file	See, edit, create, and delete only the specific Google Drive files you use with this app
<input type="checkbox"/>	Google Drive API	.../auth/drive.metadata	View and manage metadata of files in your Google Drive
<input type="checkbox"/>	Google Drive API	.../auth/drive.metadata.readonly	See information about your Google Drive files
<input type="checkbox"/>	Google Drive API	.../auth/drive.photos.readonly	View the photos, videos and albums in your Google Photos
<input checked="" type="checkbox"/>	Google Drive API	.../auth/drive.readonly	See and download all your Google Drive files
<input type="checkbox"/>	Google Drive API	.../auth/drive.apps.readonly	View your Google Drive apps
<input type="checkbox"/>	Google Drive API	.../auth/drive.scripts	Modify your Google Apps Script scripts' behavior

Rows per page: 10 ▾ 1 – 10 of 16 < >


Manually add scopes

- Check the box for **../auth/drive.readonly**
- Select **Update**

Your restricted scopes

Restricted scopes are scopes that request access to highly sensitive user data.

Drive scopes

API ↑	Scope	User-facing description	
Google Drive API	.../auth/drive.readonly	See and download all your Google Drive files	

SAVE AND CONTINUE

CANCEL

- Select **Save and continue**

Test users

While publishing status is set to "Testing", only test users are able to access the app. Allowed user cap prior to app verification is 100, and is counted over the entire lifetime of the app. [Learn more](#)

+ ADD USERS

Filter Enter property name or value

User information
No rows to display

SAVE AND CONTINUE **CANCEL**

- Select **Add users**

Add users

While publishing status is set to "Testing", only test users are able to access the app. Allowed user cap prior to app verification is 100, and is counted over the entire lifetime of the app. [LEARN MORE](#)

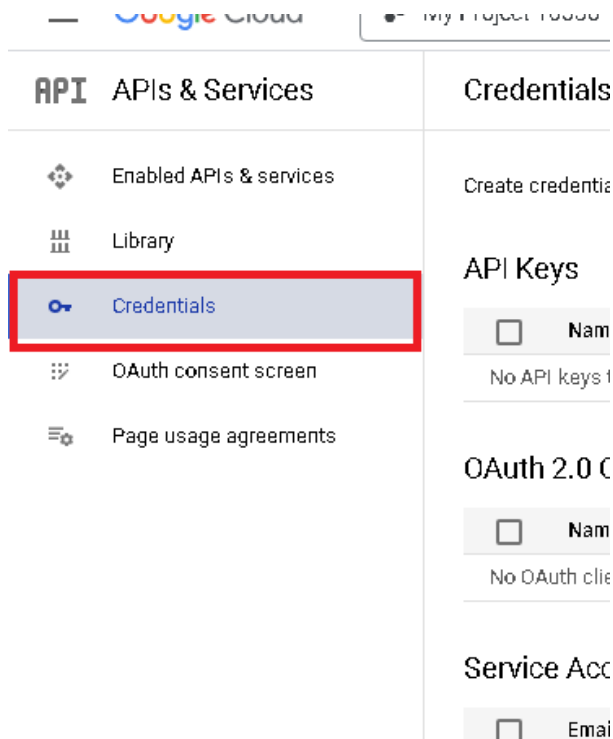
trashytinfoil@gmail.com

ADD

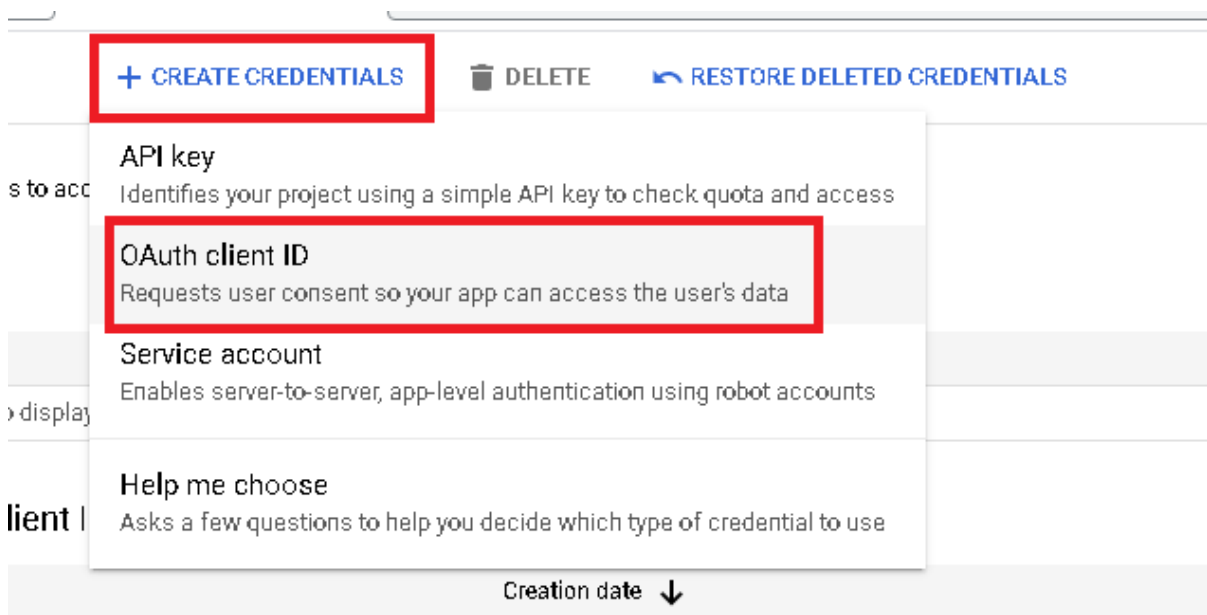
1 / 100

- Use the **same email as before**

- Select **Add**



- Select **Credentials** on the left hand side bar



- Select **+Create Credentials**

- Select **OAuth client ID**

A client ID is used to identify a single app to Google's OAuth servers. If your app runs on multiple platforms, each will need its own client ID. See [Setting up OAuth 2.0](#) for more information. [Learn more](#) about OAuth client types.

Application type *

Web application

Android

Chrome Extension

iOS

TVs and Limited Input devices

Desktop app

Universal Windows Platform (UWP)

- Select drop down bar, select **Desktop App**

← Create OAuth client ID

A client ID is used to identify a single app to Google's OAuth servers. If your app runs on multiple platforms, each will need its own client ID. See [Setting up OAuth 2.0](#) for more information. [Learn more](#) about OAuth client types.

Application type *

Desktop app

Name *

Desktop client 1

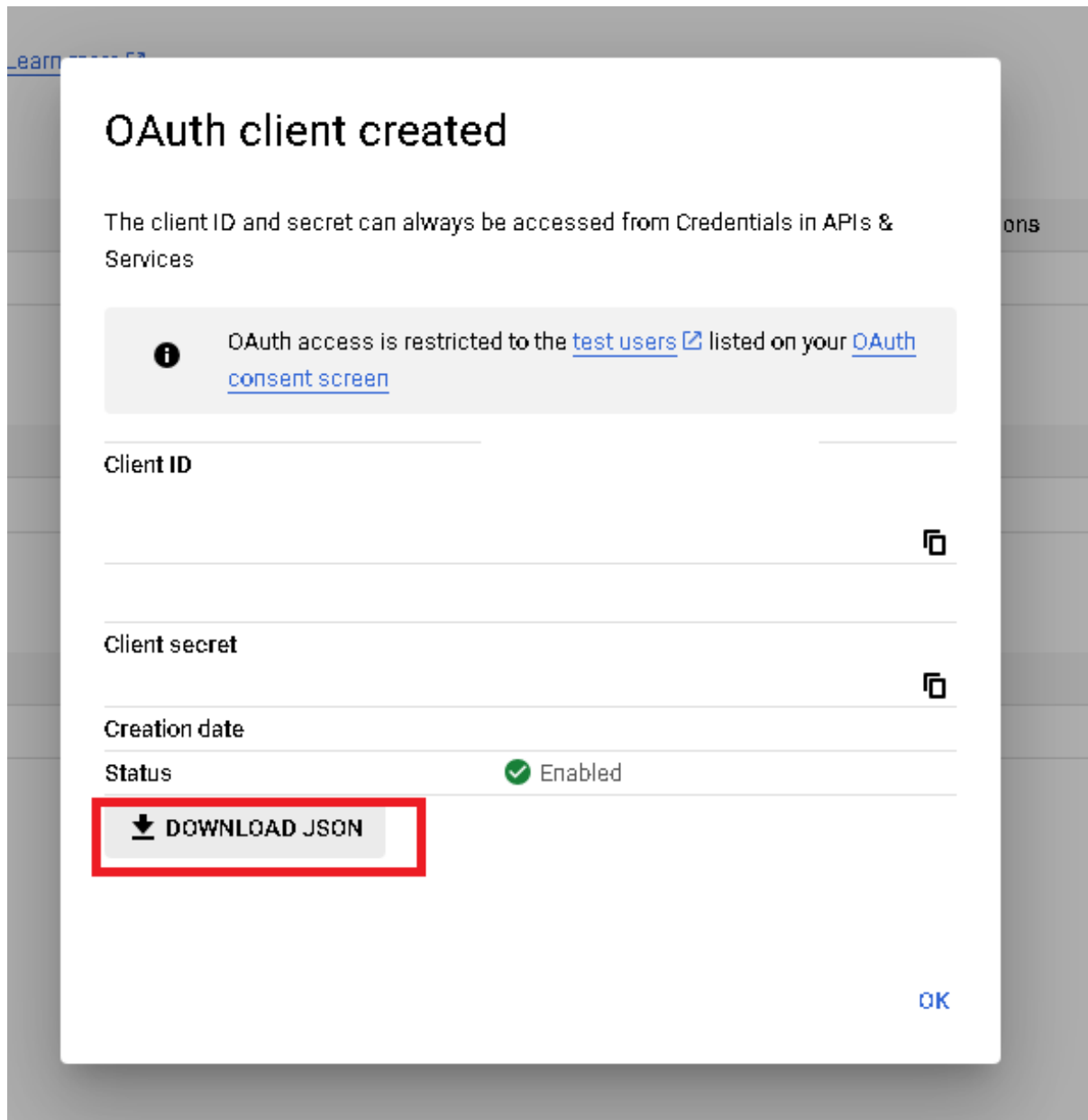
The name of your OAuth 2.0 client. This name is only used to identify the client in the console and will not be shown to end users.

Note: It may take 5 minutes to a few hours for settings to take effect

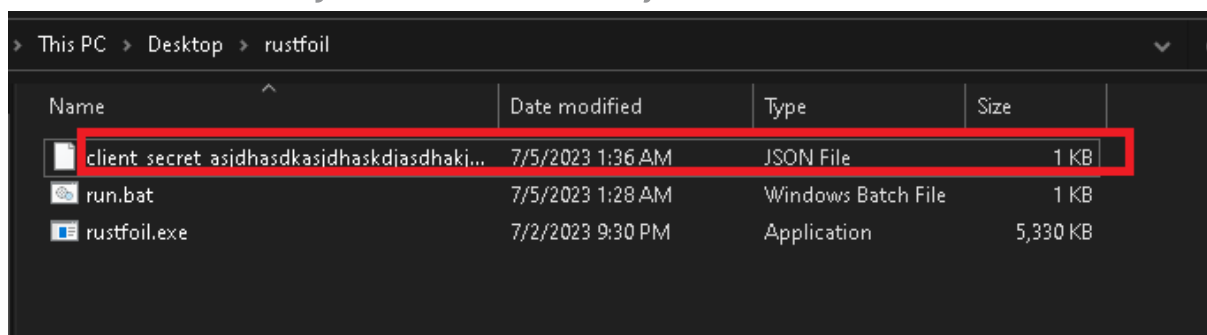
CREATE

CANCEL




- Select **Create**



- Select **DOWNLOAD JSON**
- Rename **client_secretxxxxxx.json** to **credentials.json**
- Place **credentials.json** in the directory with **rustfoil.exe** and **run.bat**



This PC > Desktop > rustfoil

Name	Date modified	Type	Size
 credentials.json	7/5/2023 1:36 AM	JSON File	1 KB
 run.bat	7/5/2023 1:28 AM	Windows Batch File	1 KB
 rustfoil.exe	7/2/2023 9:30 PM	Application	5,330 KB

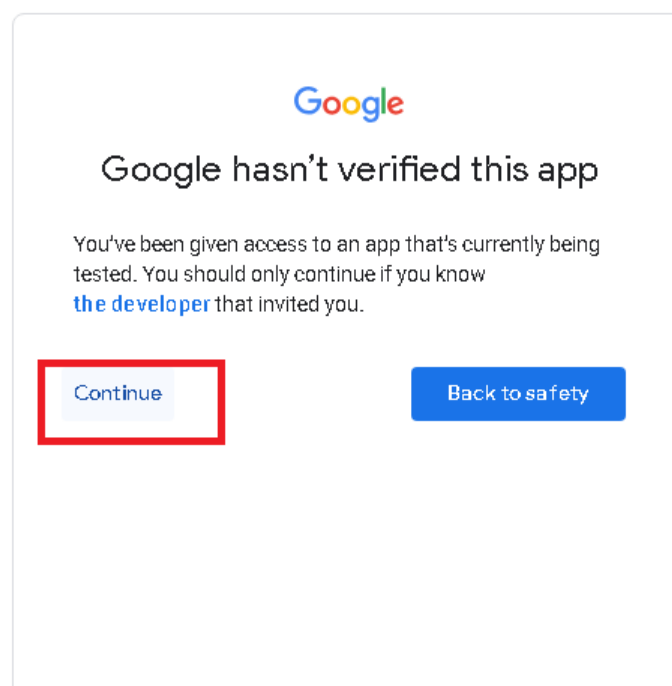
- Start *run.bat* or run from cmd **rustfoil.exe --tinfoil-auth**

```

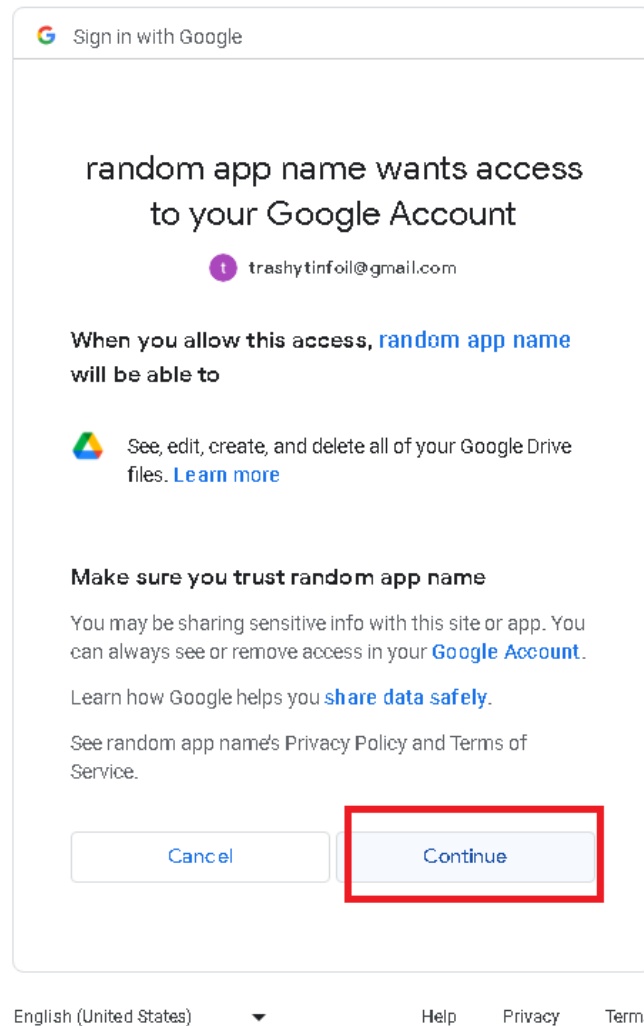
Select C:\WINDOWS\system32\cmd.exe - rustfoil.exe --tinfoil-auth
C:\Users\Tim\Desktop\rustfoil>CMD /k rustfoil.exe --tinfoil-auth
Please direct your browser to https://accounts.google.com/o/oauth2/auth?scope=https://www.googleapis.com/auth/drive.readonly&response_type=code&client_id=...
and follow the instructions displayed there.

```

- Copy the URL from the Command Prompt (click and drag over the entire URL, making it white/highlighted, and then right click to copy it) into your browser where you are logged into Google account
- Login if required.



- Press **Continue**



- Press **Continue** again.

You may now close this window.

- The window should say you can close it and the program should have generated new files.

```
Scanned 0 file(s)
Info] Parsed 0 file(s)
Info] Generated index successfully
Info] Finished writing index.tfl to disk, using ZSTD compression & no encryption
Info] Copied tinfoil files to COPY_TO_SD/switch/tinfoil
Info] Execution took 00:00:40
```

- Copy the files inside **COPY_TO_SD** to your switch SD, overwrite if needed.
- Your switch is now setup for OAuth with your Google account.