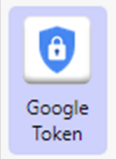


Google Token

Need help?

Technical contact to tech@argos-labs.com



Google Token

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This plugin creates a token.pickle file which stores the credential information of Google API.

Primary Features

- The file token.pickle stores the user's access and refresh tokens, and is created automatically when the authorization flow completes for the first time.
- The file can be used for Google API such as Google Drive or Google Sheets.

Prerequisite

- Google API credentials from google console are required to access private google services

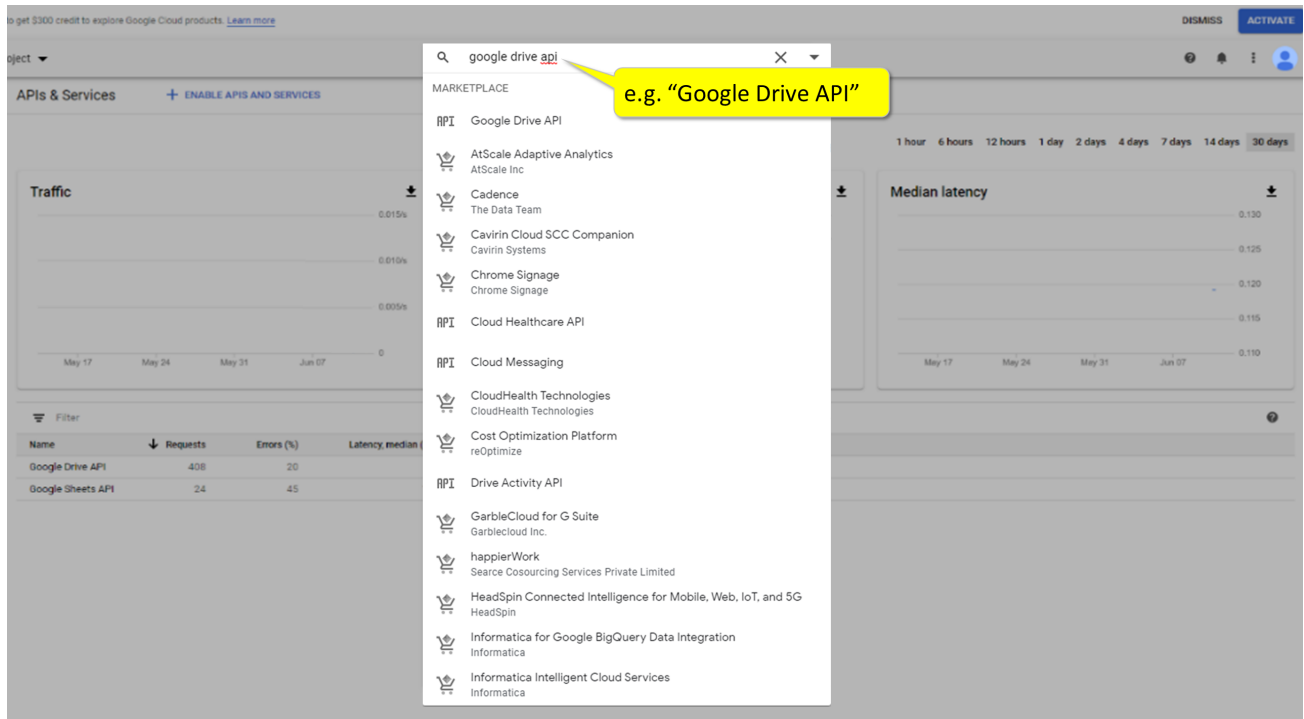
May you search all operations,

- [Actions](#)
- [Verifications](#)
- [System Calls](#)
- [Interactives](#)

1. Creating Google API credentials

 Please read this guideline: <https://developers.google.com/drive/api/v3/about-auth>

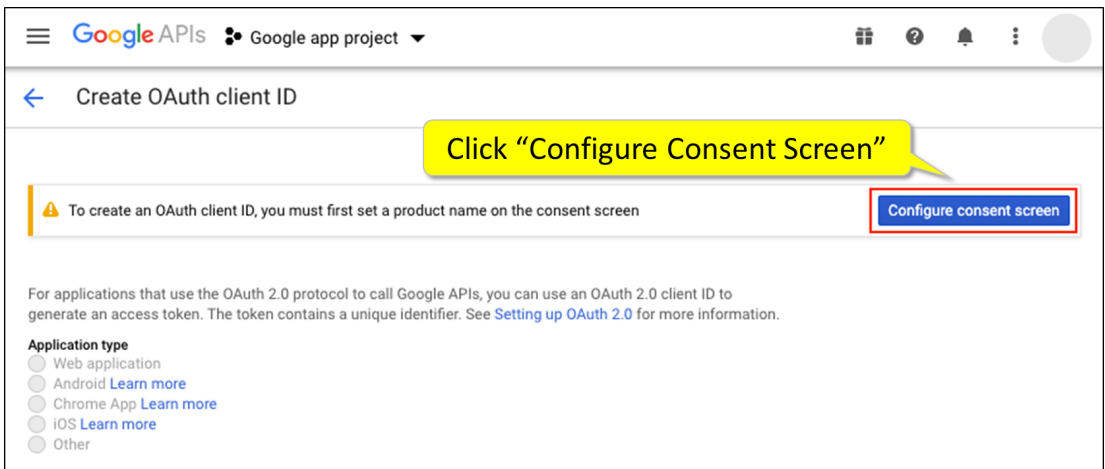
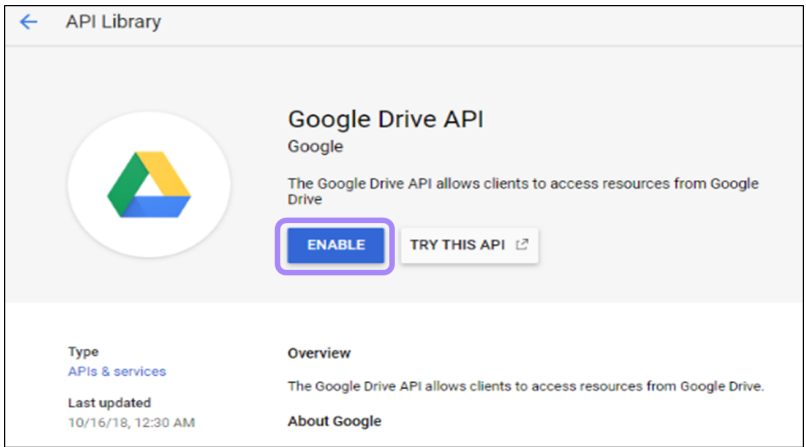
1. Log in in to Google API Console <https://console.developers.google.com/> and search the Google API you want to use (e.g. Google Drive)



The screenshot shows the Google API Console Marketplace. A search bar at the top contains the text "google drive api". Below the search bar, a list of API results is displayed. The first result is "Google Drive API" by Google, which is highlighted with a yellow callout bubble that says "e.g. 'Google Drive API'". Other results include "AtScale Adaptive Analytics", "Cadence The Data Team", "Cavirin Cloud SCC Companion", "Chrome Signage", "Cloud Healthcare API", "Cloud Messaging", "CloudHealth Technologies", "Cost Optimization Platform", "Drive Activity API", "GarbleCloud for G Suite", "happierWork", "HeadSpin Connected Intelligence for Mobile, Web, IoT, and 5G", "Informatica for Google BigQuery Data Integration", and "Informatica Intelligent Cloud Services".

Name	Requests	Errors (%)	Latency median
Google Drive API	408	20	
Google Sheets API	24	45	

2. Enable the API and set a product name on the consent screen.



3. In OAuth consent screen, choose external as a user type and put a proper email address in support email.

Google APIs Appointment-Scheduler

API 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.

☒ External

Available to any user with a Google Account.

CREATE



OAuth consent screen

Before your users authenticate, this consent screen will allow them to choose whether they want to grant access to their private data, as well as give them a link to your terms of service and privacy policy. This page configures the consent screen for all applications in this project.

Application type

☒ Public

Any Google Account can grant access to the scopes required by this app. [Learn more about scopes](#)

☐ Internal

Only users with a Google Account in your organization can grant access to the scopes requested by this app.

Verification status

Not published

Application name

The name of the app asking for consent

project-770908745661

Application logo

An image on the consent screen that will help users recognize your app

Local file for upload **Browse**

Support email

Shown on the consent screen for user support

sisang.cho@sjsu.edu

Scopes for Google APIs

Scopes allow your application to access your user's private data. [Learn more](#)

If you add a sensitive scope, such as scopes that give you full access to Calendar or Drive Google will verify your consent screen before it's published.

email

profile

openid

4. Get back to Credentials section, click 'OAuth client ID' in Create Credentials tab, select proper application type and create client ID.

- Recommend 'Desktop app' as an application type.

APIs & Services

Credentials **+ CREATE CREDENTIALS** **DELETE**

Create credentials to so

API Keys

OAuth client ID

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

Service account

Enables server-to-server, app-level authentication using robot accounts

Help me choose

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

OAuth 2.0 Client IDs

Desktop client 1

Jun 10, 2020

Service Accounts

Email

No service accounts to display



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.

Application type *

Desktop app

Name *

Desktop client 2

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.

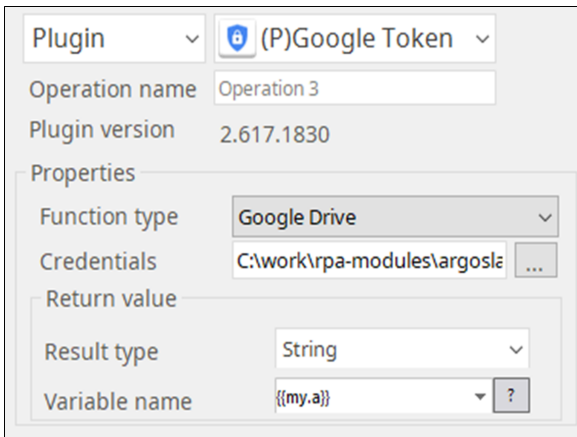
CREATE **CANCEL**

5. Download the Client IDs file and rename the file as 'credentials'.

OAuth 2.0 Client IDs				
<input type="checkbox"/>	Name	Creation date ↓	Type	Client ID
<input type="checkbox"/>	Desktop client 2	Jun 12, 2020	Desktop	708637335671-s3gc...

2. Example of the plugin in STU

If server takes more than 2 mins, close the browser, and rerun the operation.



The screenshot shows the configuration window for the (P)Google Token plugin. The 'Plugin' dropdown is set to '(P)Google Token'. The 'Operation name' is 'Operation 3' and the 'Plugin version' is '2.617.1830'. Under the 'Properties' section, 'Function type' is 'Google Drive', 'Credentials' is 'C:\work\rpa-modules\argoslab\...', 'Return value' is empty, 'Result type' is 'String', and 'Variable name' is '{{my.a}}'.



Output : File path of token.pickle

```
*test.txt - Notepad
File Edit Format View Help
C:\work\rpa-modules\argoslab\google\googletoken\tests\Google Drive\token.pickle
```

All Plugins

- ABBYY Download
- ABBYY Status
- ABBYY Upload
- AD LDAP
- Adv Send Email
- API Requests
- ARGOS API
- Arithmetic Op
- ASCII Converter
- Attach Image
- AWS S3
- AWS Textra Rekog
- Base64
- Basic Numerical Operations
- Basic String Manipulation
- Bot Collabo
- Box
- Box II
- Chatwork GetMessage
- Chatwork Notification
- Citizen Log
- Clipboard
- Codat API
- Convert CharSet
- Convert Image
- Convert Image II
- Create Newfile
- CSV2XLSX
- Data Plot I
- DeepL Free
- Detect CharSet
- Dialog Calendar
- Dialog Error
- Dialog File Selection
- Dialog Forms

- [Dialog Info](#)
- [Dialog Password](#)
- [Dialog Question](#)
- [Dialog Text Entry](#)
- [Dialog Text Info](#)
- [Dialog Warning](#)
- [DirectCloud API](#)
- [Doc2TXT](#)
- [DocDigitizer Get Doc](#)
- [DocDigitizer Tracking](#)
- [DocDigitizer Upload](#)
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- [FTP Server](#)
- [Git HTML Extract](#)
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- [Google Search API](#)
- [Google Sheets](#)
- [Google Token](#)
- [Google Translate](#)
- [Google TTS](#)
- [GraphQL API](#)
- [Html Extract](#)
- [HTML Table](#)
- [IBM Speech to Text](#)
- [IBM Visual Recognition](#)
- [Java UI Automation](#)
- [JP Holiday](#)
- [JSON Select](#)
- [JSON to from CSV](#)
- [Lazarus Forms](#)
- [Lazarus Invoices](#)
- [Lazarus RikAI](#)
- [Lazarus Riky](#)
- [LINE ID Card OCR](#)
- [LINE Notify](#)
- [LINE Receipt OCR](#)
- [Microsoft Teams](#)
- [MongoDB](#)
- [MQTT Publisher](#)
- [MS Azure Text Analytics](#)
- [MS Word Extract](#)
- [NAVER OCR](#)
- [Newuser-SFDC](#)
- [OCI](#)
- [OCR PreProcess](#)

- [OpenAI API](#)
- [Oracle SQL](#)
- [Outlook](#)
- [Outlook Email](#)
- [PANDAS I](#)
- [pandas II](#)
- [pandas III](#)
- [PANDAS profiling](#)
- [Parsehub](#)
- [Password Generate](#)
- [Path Manipulation](#)
- [PDF2Doc](#)
- [PDF2Table](#)
- [PDF2TXT](#)
- [PDF Miner](#)
- [PDF SplitMerge](#)
- [PostgreSQL](#)
- [PowerShell](#)
- [PPTX Template](#)
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- [RakurakuHanbai API](#)
- [Regression](#)
- [Rename File](#)
- [REST API](#)
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- [Running GAS](#)
- [Scrapy Basic](#)
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- [Screen Recording START](#)
- [Screen Recording STOP](#)
- [Screen Snipping](#)
- [Seaborn Plot](#)
- [SharePoint](#)
- [Simple Counter](#)
- [Simple SFDC](#)
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- [SSH Command](#)
- [SSH Copy](#)
- [String Manipulation](#)
- [String Similarity](#)
- [Svc Check](#)
- [Sys Info](#)
- [Telegram](#)
- [Tesseract](#)
- [Text2PDF](#)
- [Text2Word](#)
- [Text Read](#)
- [Text Write](#)
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- [Time Stamp](#)
- [Web Extract](#)
- [Windows Op](#)
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- [Win UI Control](#)
- [Win UI Text](#)
- [Word2PDF](#)
- [Word2TXT](#)
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- [Work Calendar](#)
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- [XML Manipulation](#)
- [Xtracta Get Doc](#)
- [Xtracta Tracking](#)
- [Xtracta Upload](#)
- [YouTube Operation](#)
- [ZipUnzip](#)