

Preparation before using Google API

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How to get the API key?

1. Go to the website and log in your Google account: <https://console.cloud.google.com/home/>
2. Click the project button and create a new project:

The screenshot shows the Google Cloud Platform console interface. At the top, there is a blue header bar with the text "Google Cloud Platform" and a dropdown menu showing "My Project 39092". Below this, a "Select a project" dialog is open. The dialog has a search bar labeled "Search projects and folders" and a "NEW PROJECT" button. Below the search bar, there are tabs for "RECENT" and "ALL". Under the "RECENT" tab, there is a table with two columns: "Name" and "ID". The table contains one entry: "My Project 39092" with ID "animated-bonsai-275620". Below the table, there is a form to create a new project. The form has a "Project name *" field with the value "InnoCluster" and a "Location *" field with the value "No organization". Below the "Location" field, there is a "BROWSE" button. At the bottom of the form, there are "CREATE" and "CANCEL" buttons.

Google Cloud Platform My Project 39092

Select a project NEW PROJECT

Search projects and folders

RECENT ALL

Name	ID
✓ My Project 39092	animated-bonsai-275620

Project name * InnoCluster

Project ID: innocluster. It cannot be changed later. EDIT

Location * No organization BROWSE

Parent organization or folder

CREATE CANCEL

3. Now you will go to this website ↓

The screenshot shows the Google Cloud Project Dashboard. At the top, there are tabs for 'DASHBOARD' and 'ACTIVITY', and a 'CUSTOMIZE' link. A banner at the top mentions 'How Google Cloud is helping during COVID-19'. The dashboard is divided into several sections: 'Project info' (showing project name, ID, and number), 'Resources' (stating 'This project has no resources'), 'API APIs' (showing a line graph of requests per second over time, with a 'Go to APIs overview' button), 'Google Cloud Platform status' (showing 'All services normal' and a 'Go to Cloud status dashboard' button), 'Error Reporting' (showing 'No sign of any errors' and a 'Learn how to set up Error Reporting' button), and 'News' (showing a headline about 'Audiobahn').

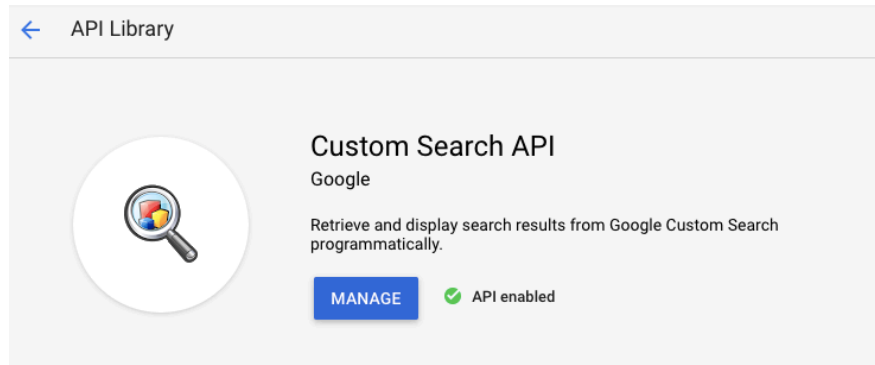
click the “go to APIs overview” button

The screenshot shows the 'APIs & Services' page. At the top, there is a blue header with 'No organization > My Project 39092'. Below this, there is a section titled 'APIs & Services' with a '+ ENABLE APIS AND SERVICES' button.

click the “enable APIs and services” button and search the keyword “Google custom API”

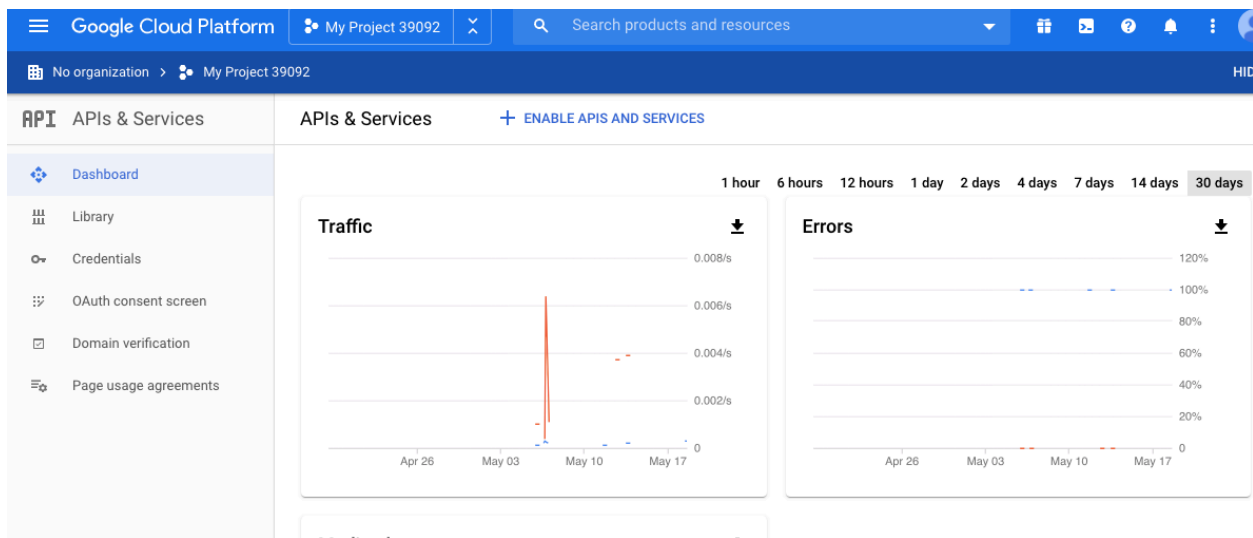
The screenshot shows the search results for 'Google custom API'. The search bar at the top contains 'Google custom API'. Below the search bar, there is a 'Filter by' section with a list of categories: 'Advertising (1)', 'Big data (1)', 'Databases (1)', 'Developer tools (2)', 'Financial services (1)', 'Google Cloud APIs (1)', and 'G Suite (1)'. The search results are displayed in a list, with the first two results being 'Google Play Custom App Publishing API' and 'Custom Search API'. The 'Custom Search API' result is highlighted, showing its icon, name, provider (Google), and description: 'Retrieve and display search results from Google Custom Search programmatically.'

click the “Custom Search API” and enable this API.



4. Next, you need to set up the API keys.

First, please go back to dashboard and click the button “credentials” in the left list.



Then, click the “create credentials” to “API key”. (Please notice the API key here is not valid anymore!) Record the API key in your copy board (or any other place you like 😊)

API key created

Use this key in your application by passing it with the `key=API_KEY` parameter.

Your API key

AIzaSyDtHz0TTj1fk_4Ue0pwqeZPouS1GXzyhEc



⚠️ Restrict your key to prevent unauthorized use in production.

CLOSE

RESTRICT KEY

How to get the Custom Engine ID?

1. Go to the website and log in your Google account: <https://cse.google.com/cse/create/new>

2. Click “New Search Engine”.

Add the sites you would like to get. Here, we need to enter “anyweb.com”.

Enter the name of the search engine. Then click “Create”!

Google Search in CSE home

Custom Search

New search engine Enter the site name and click "Create" to create a search engine for your site. [Learn more](#)

▸ Edit search engine

▼ Help

- Help Center
- Help forum
- Support
- Blog
- Documentation
- Terms of Service

Send Feedback

Sites to search

www.example.com

You can add any of the following:

- Individual pages: [www.example.com/page.html](#)
- Entire site: [www.mysite.com/*](#)
- Parts of site: [www.example.com/docs/*](#) or [www.example.com/docs/](#)
- Entire domain: [*.example.com](#)

If you want to search pages over entire web containing specific schema.org markups, click on "advanced" below.

New Use the [CSE creation from keywords tool](#) to get URL suggestions.

Language

English

Name of the search engine

By clicking 'Create', you agree with the [Terms of Service](#).

CREATE

3. Go to “Edit search engine” and choose “Setup”. Then you can find the “search engine ID” in the Details section. Copy it and put it in any place you can remember.

Some points to edit in this page:

- Language -> English
- Region/Area -> All
- Click “advanced” under the button “Websites to search” and enter the website list we want to remove from our result list.
- Search the entire web -> On

Custom search

New search engine

▼ Edit search engine

Ecosystem_Mappir

Set up

Exterior

searching feature

Statistics and logs

► help

Visit the help forum (question)

send feedback

basic settings

ad

administrator

advanced

Provide basic details and preferences about your search engine. [Learn more](#)

Search engine name

Ecosystem_Mapping

Search engine description

The description of the search engine.

Search engine keywords

Search engine keywords, for example, climate, "global warming", "greenhouse gases"

The free version contains advertisements.

Get code

Search engine ID

Copy to clipboard

Public URL

<https://cse.google.com/cse?cx=008185756852092367488:rpcqbpfuy58>

Image search

shut

Website to search

Add to

delete

filter

label

<

>

You have not added any sites.

advanced

Please submit indexing requests and removal requests through [Google Search Console](#). [Learn more](#)

Search the entire web

Add general web search results to enhance your results.

General web search results cannot be used in the website's restricted JSON API.

Access programmatically

Custom search JSON API

The maximum number of queries per day is 10,000.

Getting started

Custom search website restricted JSON API

No daily limit is set.

Getting started

Use knowledge graph entities to restrict web pages

Limit the pages in the above website list to only those related to the entities listed below.

You can add up to 5 entities to your search engine.

Now all set-up steps are done! Yeah!