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# google-custom-search

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**dms**

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This is api library.



## QUICK START

## 1.1 install

```
pip install google-custom-search
```

or if you use async version, please run this.

```
pip install google-custom-search[async]
```

## 1.2 sample

### 1.2.1 sync

```
import google_custom_search

google = google_custom_search.CustomSearch(apikey="your api_key", engine_id="your engine_
↪id")
# if image is True, it's can search, but you need to setting at google console search
results = google.search("Hello")
for result in results:
    # get a kind
    print(result.kind)

    # get a title.
    print(result.title)

    # get a link.
    print(result.url)

    # get a displayLink.
    print(result.display_url)

    # get a htmlTitle.
    print(result.html_title)

    # get a snippet.
    print(result.snippet)
```

### 1.2.2 async

```
import asyncio
import google_custom_search

google = google_custom_search.CustomSearch(token="your api_key", engine_id="your engine_
↪id", image=True)
# if image is True, it's can search, but you need to setting at google console search
async def main():
    results = await google.search_async("word!")
    for result in results:
        # get a kind
        print(result.kind)

        # get a title.
        print(result.title)

        # get a link.
        print(result.url)

        # get a displayLink.
        print(result.display_url)

        # get a htmlTitle.
        print(result.html_title)

        # get a snippet.
        print(result.snippet)

asyncio.run(main())
```



## GOOGLE-CUSTOM-SEARCH LIBRARY

### 2.1 Submodules

### 2.2 `google_custom_search.search` module

**class** `google_custom_search.search.CustomSearch`(*apikey: str, engine\_id: str, image: Optional[bool] = False*)

Bases: `object`

This is the class used when using Google Custom Search.

**Parameters**

- **apikey** (*str*) – Insert google custom search api key.
- **engine\_id** (*str*) – Insert google custom search engine id.

**APIURL** = `'https://www.googleapis.com/customsearch/v1'`

**search**(*keyword: str*) → `List[Item]`

This is searched using api.

**Parameters**

**keyword** (*str*) – Search word

**Returns**

return result

**Return type**

`List[Item]`

**Raises**

**ApiNotEnabled** – api is not invalid

**async search\_async**(*keyword: str*) → `List[Item]`

This is an asynchronous version of `custom_search.search`.

**Parameters**

**keyword** (*str*) – Search word

**Returns**

return result

**Return type**

`List[Item]`

**Raises**

- **ApiNotEnabled** – api is not invalid
- **AsyncError** – If you don't install aiohttp, lib call error.

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**Note:** You need aiohttp library.

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**async search\_async\_iterator**(*keyword: str*) → AsyncIterator[Item]

It's like search\_async, but this is iterator

**Parameters**

**keyword** (*str*) – Search Word

**Yields**

*Item* – Return result

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**Note:** You need aiohttp library.

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## 2.3 google\_custom\_search.types module

**class** google\_custom\_search.types.**Item**(*data: dict*)

Bases: object

This is return a item.

**property display\_url:** str

This is the display url of the item.

**property html\_title:** str

This is the html title of the item.

**property kind:** str

This is the kind of the item.

**property snippet:** str

This is the snippet of the item.

**property title:** str

This is the title of the item.

**property url:** str

This is the url of the item.

## 2.4 google\_custom\_search.errors module

**exception** google\_custom\_search.errors.**ApiNotEnabled**(*code: str, error: str*)

Bases: Exception

**exception** google\_custom\_search.errors.**AsyncError**

Bases: Exception

## INDICES AND TABLES

PYPI: <<https://pypi.org/project/google-custom-search/>>



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