
google-custom-search

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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[google_custom_search.types.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[google_custom_search.types.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.

Note: You need aiohttp library.

async search_async_iterator(*keyword: str*) → AsyncIterator[google_custom_search.types.Item]

It's like search_async, but this is iterator

Parameters **keyword** (*str*) – Search Word

Yields *Item* – Return result

Note: You need aiohttp library.

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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