
google-api-datakund

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datakund

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INTRODUCTION

`bot-studio` is an automation library which can be used to automate tasks like sending mails,scraping data,auto check-out and many more things. You can download the source code from [here](#)(see [here](#))

It uses selenium to automate the things. You can use its inbuilt functions in a very easy way.

INSTALLATION/USAGE:

You can find this package on Pypi (see [here](#)).

Command to install :- `pip install bot-studio`

IMPORT BOT-STUDIO

```
from bot_studio import *
```


CREATING OBJECT

```
google=bot_studio.google()  
or  
google=bot_studio.google(headless=True,...)
```

It will return the object which you can further use to call google functions and opens a automated browser

4.1 Browser Options

Option	Default Value	Description
headless	False	Can set it to True if wants headless
proxy	No proxy	Pass proxy value e.g 98.0.2.5:4000
profile_path	creates temporary profile	Pass profile path e.g C:\Users\username\AppData\Local\Google\Chrome\User Data\
user_agent	No user agent	Pass user agent e.g python 2.7", "platform": "Windows
download_folder	Downloads in default folder	If want to set download directory to custom e.g E:files\

FUNCTIONS

bot-studio provides following functions for google:-

5.1 Search

It searches the keyword passed in keyword on google.

body: returns data

success_score: api success rate

errors: errors encountered in api

Here is the code:-

```
google.search(keyword='shoes')
```

Parameters keyword (*str*) – Keyword which need to be search on google

Returns {"body": {}, "success_score": "100", "errors": []}

Return type dict

5.2 Search Images

It searches the keyword passed in keyword on google in images.

body: returns data

success_score: api success rate

errors: errors encountered in api

Here is the code:-

```
google.search_images(keyword='shoes')
```

Parameters keyword (*str*) – Keyword which need to be search on google

Returns {"body": {}, "success_score": "100", "errors": []}

Return type dict

5.3 Click Next

It clicks on Next page on search results page.

body: returns data

success_score: api success rate

errors: errors encountered in api

Here is the code:-

```
google.click_next()
```

Returns {"body": {}, "success_score": "100", "errors": []}

Return type dict

5.4 Search Results

It fetches the links and titles of the search results page.

body: returns data

success_score: api success rate

errors: errors encountered in api

Here is the code:-

```
google.search_results()
```

Returns {"body": [{"Title": "Title", "Link": "Link", "Desc": "Desc"}], "success_score": "100", "errors": []}

Return type dict

5.5 Search Image Results

It fetches the links, titles and image src of the search results images.

body: returns data

success_score: api success rate

errors: errors encountered in api

Here is the code:-

```
google.search_image_results()
```

Returns {"body": [{"Title": "Title", "Link": "Link", "ImageLink": "ImageLink"}], "success_score": "100", "errors": []}

Return type dict

OTHER FUNCTIONS

You can use basic functions which selenium provides with this library like opening a url, get pagesource, get current url etc. These are the functions:-

6.1 Open

It will open the url provided in the argument.

```
google.open(url)
```

Parameters url (*str*) – Link which need to be opened

Returns {}

Return type dict

6.2 Get Page Title

It returns the title of page opened.

```
google.get_page_title()
```

Returns {"pagetitle": "google"}

Return type dict

6.3 Get Page Source

It returns the pagesource of page opened.

```
google.get_page_source()
```

Returns {"pagesource": "pagesource"}

Return type dict

6.4 Get Current Url

It returns the pagesource of page opened.

`google.get_current_url()`

Returns {"url": "url"}

Return type dict

6.5 Reload

It reloads the page opened.

`google.reload()`

Returns {}

Return type dict

6.6 Keypress

It perform the keypress passed.

`google.keypress(key)`

Parameters **key** (*str*) – Key which need to be pressed, e.g pagedown,arrowleft,enter

Returns {}

Return type dict

6.7 Scroll

It scrolls to the end of page.

`google.scroll()`

Returns {}

Return type dict

6.8 End

It ends the google session and close the automated chromedriver.

Note: You will need to create google object again after `end()`.

`google.end()`

Returns {}

Return type dict

6.9 Quit

It quits the bot-studio application running in background.

Note: You will need to import bot-studio library again to start application.

`google.quit()`

Returns {}

Return type dict

google-site-verification: google733358e4a0a39a02.html

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