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# google-api-datakund

*Release 0.0.2*

**datakund**

**Feb 16, 2021**



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## INTRODUCTION

`datakund` 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 datakund`





## IMPORT DATAKUND

```
from datakund import *
```



## CREATING OBJECT

```
google=datakund.google()
```

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



## FUNCTIONS

datakund 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 datakund application running in background.

---

**Note:** You will need to import datakund library again to start datakund application.

---

`google.quit()`

**Returns** {}

**Return type** dict

google-site-verification: google733358e4a0a39a02.html



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