

# Google images scraper and image downloader

## User guide

Thank you for purchasing our product!

This document will guide you through the built-in functionalities.

Main functionalities of the product:

1. Scrape or scrape and download results by providing a search keyword and download directory manually.
2. Scrape results by parsing a configuration excel file containing multiple search keywords, download directories(if applicable), and a number of results to be scraped.
3. Automatic directory creation.
4. Automatic creation of an excel file containing the keyword, position, image, and source URLs.
5. Choose if the browser will be hidden or visible while scraping.

Let's cover each of the above cases:

### 1) Scrape or scrape and download results by providing a search keyword and download directory manually:

1. To start the application you need to unzip the downloaded file and navigate into the extracted folder(you can rename this folder if needed) and double-click on the windows-start.bat file.
2. At the first run the application will download any required modules. Make sure that you're connected to the internet.
3. This will bring the command line interface to your screen

```
Modules found!  
? Search terms preference: (Use arrow keys)  
> I have a file with multiple search terms  
  I will type the search term manually on the next step
```

4. Press the arrow down key. This will navigate you to the "I will type the search term manually on the next step" option and press ENTER.

5. On the next step you can choose the action you desire to perform – scrape or scrape and download images. Use the arrow keys (up and down) to select one of the 2 options and press ENTER

```
Modules found!  
? Search terms preference: I will type the search term manually on the next step  
? Choose an action: (Use arrow keys)  
> Scrape  
  Scrape and download images
```

6. On the next step you will be asked to provide a search keyword(search term), please, type it in and press ENTER

```
Modules found!  
? Search terms preference: I will type the search term manually on the next step  
? Choose an action: Scrape  
? Search term: |
```

7. Once the search term is provided you should paste the download directory path. In case you have chosen only to scrape the results without downloading the images, then an excel file will be generated in the provided directory. Otherwise, the images will also be downloaded there.

```
Modules found!  
? Search terms preference: I will type the search term manually on the next step  
? Choose an action: Scrape  
? Search term: Mango  
? Provide a directory for the scraped results file: |
```

8. On the next step type the number of images/results that you desire to scrape and press ENTER.

```
Modules found!  
? Search terms preference: I will type the search term manually on the next step  
? Choose an action: Scrape  
? Search term: Mango  
? Provide a directory for the scraped results file: D://files  
? Number of images to scrape: 10|
```

9. Last step – choose if you desire to see how the app actually works and have a browser opened on your computer, or just do the job in the background. Do this by providing ‘Y’ or ‘N’ as an answer and press ENTER.

```

Modules found!
? Search terms preference: I will type the search term manually on the next step
? Choose an action: Scrape
? Search term: Mango
? Provide a directory for the scraped results file: D://files
? Number of images to scrape: 10
? Show browser window: (Y/n) |

```

**2) Scrape results by parsing a configuration excel file:**

This is the easiest way to scrape/download, as you can describe the above actions in an excel file. Here is a short guide.

1. You will find a folder named “scraper-config” inside of the application’s directory. Navigate to this directory.
2. Inside you will find an excel file named “search-terms.xlsx”.
3. Open the file to edit it.

Search term	Download images?	Download location	Number of items to scrape
Mango	Yes	D:\files\Mango	2
Kiwi	Yes	D:\files\Kiwi	2
Banana	No	D:\files\Banana	2

4. The file contains all the data that you were asked by the application while doing a manual scraping.
5. You can edit the data and save the file.
6. Navigate back to the application’s main folder and double-click the windows-start.bat file.

7. This will bring the command line interface to your screen.

```
Modules found!  
? Search terms preference: (Use arrow keys)  
> I have a file with multiple search terms  
  I will type the search term manually on the next step
```

8. Press ENTER.
9. Choose if you desire to see how the app actually works and have a browser opened on your computer, or just do the scraping job in the background. Do this by typing 'Y' or 'N' as an answer. Don't forget to press ENTER.

```
Modules found!  
? Search terms preference: I have a file with multiple search terms  
? Show browser window: (Y/n) |
```