

# Image URL Scraping

Automation script which fetch URL of all images using Beautiful Soup.

```

1 import os
2 import bs4
3 import requests
4 from sys import *
5 from urllib.request import urlopen
6
7 def MarvellousImageURLScrapper(url):
8
9     connection = urlopen(url)
10
11    raw_html = connection.read()
12
13    connection.close()
14
15    page_soup = bs4.BeautifulSoup(raw_html, "html.parser")
16
17    container = page_soup.findAll("div", {"class": "item-container"})
18
19    return container
20
21 def main():
22     print("---- Marvellous Infosystems by Piyush Khairnar----")
23
24     print("Application name : " +argv[0])
25
26     if (len(argv) == 2):
27         if (argv[1] == "-h") or (argv[1] == "-H"):
28             print("This Script is used to fetch URL of Images")
29             exit()
30
31         if (argv[1] == "-u") or (argv[1] == "-U"):
32             print("usage : ApplicationName")
33             exit()
34
35     try:
36         url = "https://www.newegg.com/Video-Cards-Video-Devices/Category/ID-38?Tpk=video%20card"
37
38         listout = MarvellousImageURLScrapper(url)
39
40         print("Urls of all images")
41         for elements in listout:
42             print(elements.a.img['data-src'])
43
44     except Exception as E:
45         print("Error : Invalid input",E)
46
47 if __name__ == "__main__":
48     main()
49

```

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### Output of above script

---- Marvellous Infosystems by Piyush Khairnar----

Application name : WebScrapingImageURL.py

Urls of all images

//c1.neweggimages.com/NeweggImage/ProductImageCompressAll300/14-126-321-V05.jpg

//c1.neweggimages.com/NeweggImage/ProductImageCompressAll300/14-126-266-V50.jpg

//c1.neweggimages.com/NeweggImage/ProductImageCompressAll300/14-932-150-Z01.jpg

//c1.neweggimages.com/NeweggImage/ProductImageCompressAll300/14-137-397-Z07.jpg

//c1.neweggimages.com/NeweggImage/ProductImageCompressAll300/14-126-316-Z01.jpg

//c1.neweggimages.com/NeweggImage/ProductImageCompressAll300/14-932-077-V01.jpg

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