

## Automation using Python

Automation script which accept file name. Extract all URL's from that file and connect to that URL's

```

1 from sys import *
2 import webbrowser
3 import re
4 import urllib2
5
6 def is_connected():
7     try:
8         urllib2.urlopen('http://216.58.192.142', timeout=1)
9         return True
10    except urllib2.URLError as err:
11        return False
12
13 def Find(string):
14     url = re.findall('http[s]?://(?:[a-zA-Z]|[0-9]|[$-_@.&+]|[*\(\), ]|(?:%[0-9a-fA-F][0-9a-fA-F]))+', string)
15     return url
16
17 def WebLauncher(path):
18     with open(path) as fp:
19         for line in fp:
20             print(line)
21             url = Find(line)
22             print(url)
23             for str in url:
24                 webbrowser.open(str, new = 2)
25
26 def main():
27     print("---- Marvellous Infosystems by Piyush Khairnar-----")
28
29     print("Application name : " + argv[0])
30
31     if (len(argv) != 2):
32         print("Error : Invalid number of arguments")
33         exit()
34
35     if (argv[1] == "-h") or (argv[1] == "-H"):
36         print("This Script is used open URL which are written in one file")
37         exit()
38
39     if (argv[1] == "-u") or (argv[1] == "-U"):
40         print("usage : ApplicationName Name_Of_File")
41         exit()
42
43     try:
44         connected = is_connected()
45
46         if connected:
47             WebLauncher(argv[1])
48         else:
49             print("Unable to connect to internet...")
50
51     except ValueError:
52         print("Error : Invalid datatype of input")
53
54     except Exception as E:
55         print("Error : Invalid input",E)
56
57 if __name__ == "__main__":
58     main()
59

```

## Output of above script

```
Automation — -bash — 51x20
MacBook-Pro-de-MARVELLOUS: Automation marvellous$ python WebLauncher.py weblist.txt
---- Marvellous Infosystems by Pi yush Khairnar ----
Application name : WebLauncher.py
https://www.facebook.com/

['https://www.facebook.com/']
https://www.instagram.com/piyushmkhairnar/

['https://www.instagram.com/piyushmkhairnar/']
Marvellous Infosystems

[]
https://www.google.com/search?q=gmail&rlz=1C5CHFA_enIN787IN787&oq=gma&aqs=chrome.69i59j69i61l2j69i57j69i59.1178j0j7&sourceid=chrome&ie=UTF-8

['https://www.google.com/search?q=gmail&rlz=1C5CHFA_enIN787IN787&oq=gma&aqs=chrome.69i59j69i61l2j69i57j69i59.1178j0j7&sourceid=chrome&ie=UTF-8']
```

