

Auto Downloader

Automation script which downloads specific file and store into the current directory of application.

```
1 import os
2 import requests
3 from sys import *
4 from urllib.parse import urlparse
5
6 def is_downloadable(url):
7     h = requests.head(url, allow_redirects=True)
8     header = h.headers
9     content_type = header.get('content-type')
10
11     if 'text' in content_type.lower():
12         return False
13
14     if 'html' in content_type.lower():
15         return False
16
17     return True
18
19 def get_filename_from_cd(cd):
20     a = urlparse(cd)
21     return os.path.basename(a.path)
22
23 def MarvellousDownload(url):
24     allowed = is_downloadable(url)
25
26     if allowed:
27         try:
28             res = requests.get(url, allow_redirects=True)
29
30             filename = get_filename_from_cd(url)
31             fd = open(filename, "wb")
32
33             for buffer in res.iter_content(1024):
34                 fd.write(buffer)
35
36             fd.close()
37             return True
38         except Exception as E:
39             return False
40
41     else:
42         return False
43
44 def main():
45     print("---- Marvellous Infosystems by Piyush Khairnar-----")
46
47     print("Application name : " + argv[0])
48
49     if (len(argv) == 2):
50         if (argv[1] == "-h") or (argv[1] == "-H"):
51             print("This Script is used to download file")
52             exit()
```

```
53
54     if (argv[1] == "-u") or (argv[1] == "-U"):
55         print("usage : ApplicationName")
56         exit()
57
58     url = 'https://www.google.com/favicon.ico'
59
60     result = MarvellousDownload(url)
61
62     if result:
63         print("File successfully downloaded")
64     else:
65         print("Failed to download")
66
67 if __name__ == "__main__":
68     main()
69
```

