

Revealing File Metadata in Python

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Requirements:

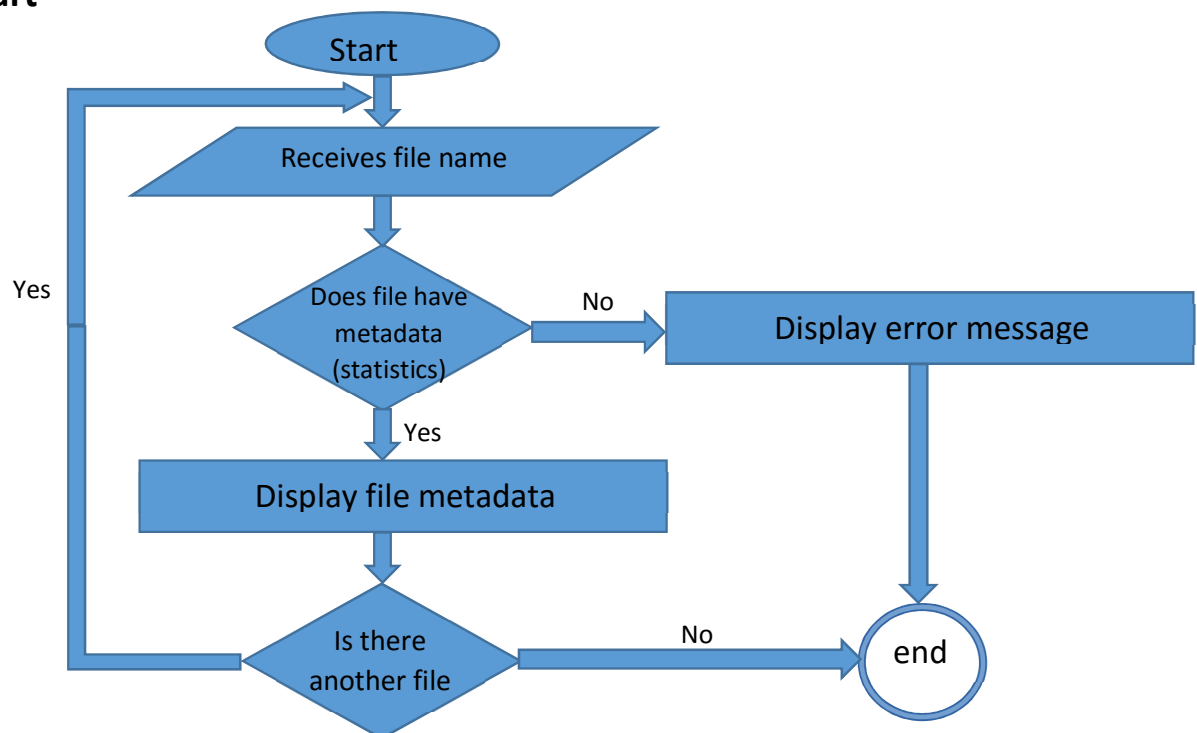
Hardware

- RAM: 4GB
- Hard drive: 500GB
- Processor: 2.2GHz

Software

- Operating System: Windows 10 Home
- Text Editor: Notepad++
- Language: Python 2.7
- Documentation: Microsoft Office Word

Flowchart



Source Code Snippet

```
1 import os
2 import time
3 from stat import *
4
5
6 try:
7     st = os.stat('Akpos.mp4')
8 except IOError:
9     print "Couldn't get information about video"
10
11 else:
12     print "for video"
13     print "file size: ", st[ST_SIZE]
14     print "file modified: ", time.asctime(time.localtime(st[ST_MTIME]))
15     print "Access Rights: ", st[ST_MODE]
16
17 try:
18     st = os.stat('new.pdf')
19 except IOError:
20     print "Couldn't get information about PDF"
21
22 else:
23     print "for PDF"
24     print "file size: ", st[ST_SIZE]
25     print "file modified: ", time.asctime(time.localtime(st[ST_MTIME]))
26
27 try:
28     st = os.stat('pic.jpg')
29 except IOError:
30     print "Couldn't get information about Image"
31
32 else:
33     print "for Image"
34     print "file size: ", st[ST_SIZE]
35     print "file modified: ", time.asctime(time.localtime(st[ST_MTIME]))
```

Output

```
C:\Users\lilyf\Desktop\Scripts>python metadata.py
for video
file size: 2933994
file modified: Wed Jan 06 14:29:39 2016
Access Rights: 33206
for PDF
file size: 51345
file modified: Mon May 09 21:09:18 2016
for Image
file size: 526372
file modified: Sat Jan 09 18:50:06 2016

C:\Users\lilyf\Desktop\Scripts>
```