

Write Current Date and Time to File and Screen

This Python 3 example will write the current date and time to a file. Useful information for any projects that require file writes or the use of date time.

You can download the Python file

[here](#)

:

<sxh [py][; options for SyntaxHighlighter]>

```
#!/usr/bin/python
#
# Python 3 Script
#
# Alan Walker
# Aug 2016
#
#
# Write current date and time to file and screen
# Created to see how long Rpi would run from batteries
# by comparing first and last date time in file
#
#
from datetime import datetime    # Import Libraries
import time
var=1
while var == 1:    # creates a never ending loop
    text = "{:%B %d %Y %H:%M:%S\n}".format(datetime.now()) # make the variable text = the current
                                                         # date and time.
    saveFile = open('blt.txt','a') # open file for append
    saveFile.write(text)           # write date and time (and a new line) to
file                               # close the file
    saveFile.close()              # print date and time (held in var called
    print (text)                  # to screen
text)                             # sleep for x seconds
    time.sleep(30)
```

</sxh>

Example Output

```
August 11 2016 21:40:12
August 11 2016 21:40:42
August 11 2016 21:41:12
August 11 2016 21:41:42
August 11 2016 21:42:13
August 11 2016 21:42:43
August 11 2016 21:43:13
August 11 2016 21:43:43
August 11 2016 21:44:13
August 11 2016 21:44:43
August 11 2016 21:45:13
August 11 2016 21:45:43
August 11 2016 21:46:13
August 11 2016 21:46:43
August 11 2016 21:47:13
August 11 2016 21:47:43
August 11 2016 21:48:13
August 11 2016 21:48:43
August 11 2016 21:49:13
August 11 2016 21:49:43
August 11 2016 21:50:13
August 11 2016 21:50:43
```

Last
update:
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22:35

August 11 2016 21:51:13
August 11 2016 21:51:43
August 11 2016 21:52:13
August 11 2016 21:52:43
August 11 2016 21:53:13
August 11 2016 21:53:43
August 11 2016 21:54:13
August 11 2016 21:54:43
August 11 2016 21:55:13
August 11 2016 21:55:43
August 11 2016 21:56:13
August 11 2016 21:56:43
August 11 2016 21:57:13

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Last update: **2023/03/09 22:35**

