

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

:

```
#!/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
    saveFile.close()    # close the file
    print (text)    # print date and time (held in var called
text)
                                                                # to screen
                                                                # sleep for x seconds
    time.sleep(30)
```

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 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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