
Subject: Read ASCII time format question!!

Posted by [zolile mtumela](#) on Thu, 16 Oct 2014 17:48:05 GMT

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Hi all,

I have a problem with the time format, I can plot but When I am print the time I got a float values. I would like to get time like 16:10 (hh:mm).

I tried to use strsplit for time but I am not winning. My problem is to be able to do time right.

Any suggestion will be appreciated! thanks in advance.

```
File = Dialog_PickFile(Filter='*.txt')
```

```
nrows =file_lines(file)
```

```
Date_array = 0
```

```
time_array = 0
```

```
Bx_array = 0
```

```
By_array = 0
```

```
Bz_array = 0
```

```
str = "
```

```
openR, Lun, File,/Get_Lun
```

```
readf, Lun, str
```

```
while~eof(lun) do begin
```

```
readf,lun,str
```

```
readf,lun,date,time,Bx,By,Bz;
```

```
time_str =strsplit(str,"/extract)
```

```
time =strsplit(time_str(1),':',/extract)
```

```
hour=FIX(time(0)) & minutes=FIX(time(1)) & seconds=FIX(time(2))
```

```
print,hour
```

```
stop
```

```
;,FORMAT=(A10,1X,A12,3(16X,d0))'
```

```
;thabo
```

```
;time_str=strsplit(time,':',/extract)
```

```
;plittime = STRSPLIT(time[1], ':', /EXTRACT)
```

```
;print, splitime
```

```
;stop
```

```
;str1=strsplit(str,"/extract)
```

```
;time_str =strsplit(str1[1],':',/extract)
```

```

;time =float(time_str[0])+float(time_str[1])/60.+float(time_str[2] )/360.
;print,time

;print,date,time,Bx,By,Bz
;time_array =[time_array,time]

Bx_array = [Bx_array, Bx]
By_array = [By_array, By]
Bz_array = [Bz_array, Bz]
endwhile
free_lun,lun

    ;time_array=time_array[1:*]

    Bx_array=Bx_array[1:*]
    By_array=By_array[1:*]
    Bz_array=Bz_array[1:*]

;print,time_array,Bx_array
;plot,time_array,Bx_array
stop

stop
;Nx = n_elements(Bx_array)
;time = findgen(Nx)
;time = time/(Nx/2)

;Ny = n_elements(By_array)
;time = findgen(Ny)
;time = time/(Ny/2)

;Nz = n_elements(Bz_array)
;time = findgen(Nz)
;time = time/(Nz/2)

Smoothed1 = smooth(Bx_array,3)
Smoothed2 = smooth(By_array,3)
Smoothed3 = smooth(Bz_array,3)

NN1=n_elements(smoothed1)
NN2=n_elements(smoothed2)
NN3=n_elements(smoothed3)
print, smoothed1
print, NN1,NN2,NN3

```

Data example

23-03-2002 16:11:33.000	1.57100	-8.41400	-4.89800
23-03-2002 16:11:49.000	1.57200	-8.60200	-4.59500
23-03-2002 16:12:05.000	1.00100	-8.48400	-5.06300
23-03-2002 16:12:21.000	0.806000	-8.38700	-5.26600

I would like to print it to file

Time Bx By Bz

16.10 1.57

Thankx
