
Subject: Re: How Could I read dates(strings) into a structure?

Posted by [Lajos Foldy](#) on Thu, 02 Nov 2017 15:20:24 GMT

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On Wednesday, November 1, 2017 at 9:07:34 PM UTC+1, Lim wrote:

Move the FORMAT to READF:

```
datastruct={MyDate:' ', MyTime:' ', var1:0.0, var2:0.0, var3:0.0}
```

```
Mydata=Replicate(datastruct, nlines)
```

```
OpenR,lun, FileIn,/Get_Lun
```

```
ReadF,lun, Mydata, format='(A10,3X,A8,3F9.4)'
```

```
Free_Lun, lun
```

regards,

Lajos

> Hi,

>

> I wonder if someone could show me how could I read dates (strings) into a structure.

>

> I need to read thousands of files each with thousands of lines like this one:

>

> FileIn1:

>

> 2015-06-01 11:02:28 -17.8620 -34.3080 -12.1940

> 2015-06-01 11:02:29 -12.4835 -24.4790 -8.8535

> 2015-06-01 11:02:30 -10.9240 -22.0480 -7.8587

> 2015-06-01 11:02:31 -11.6355 -22.9650 -8.0603

> 2015-06-01 11:02:32 -12.7080 -26.4340 -8.5855

> 2015-06-01 11:02:33 -12.4525 -24.8820 -8.4100

> 2015-06-01 11:02:34 -11.2980 -23.5610 -7.9932

> 2015-06-01 11:02:44 8.8110 12.8375 4.2657

> 2015-06-01 11:03:00 -5.4033 -10.9245 -3.4665

> 2015-06-01 11:03:01 -9.4730 -19.0120 -5.6915

>

>

> I have done the following:

>

> =====

> Pro ReadMyData

> Close, /All

>

> FileIn='FileIn1'

> nlines=File_lines(FileIn)

>

```
> datastruct={MyDate:' ', MyTime:' ', var1:0.0, var2:0.0, var3:0.0}
> Mydata=Replicate(datastruct, nlines)
> Mydata.MyDate = STRING(Mydata.MyDate, FORMAT = '(A10)')
> Mydata.MyTime = STRING(Mydata.MyTime, FORMAT = '(A10)')
>
> OpenR,lun, FileIn,/Get_Lun
> ReadF,lun, dataw
> Free_Lun, lun
>
> End
> =====
>
> However, I get the error message: READF: Input conversion error. Unit: 100.
>
> I will appreciate any assistance.
>
> Thanks
```
