
Subject: Re: READS-string conversion problem??!
Posted by [Kai Muehlbauer](#) on Tue, 29 Nov 2011 13:34:58 GMT
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Hi,

as far as I see, there might be a chance that your day and year variables are no strings.

Try something like:

```
filename =  
  STRING(year,FORMAT=('I0'))+'_current'+STRING(day,FORMAT=('I0 '))+'.dat'
```

Please read manual on STRING and FORMAT!

HTH,
Kai

Am 29.11.2011 14:04, schrieb anil:

```
> Hi,  
> This might be a very easy task though, I keep missing something and  
> I'm stuck with this type conversion error. My problem is : I have a  
> dataset and in the 6th line of these data, there is some information I  
> want to use to open other files. What I mean is I will gather month-  
> day-year information from this line and by using this I will determine  
> the number of that day for that year( julday(x,y,2002)-  
> julday(1,1,2002) etc..). And then find the files (another data set in  
> the same folder) corresponding to that day. The data set goes like  
> 2002_current211.dat,2002_current218.dat etc.. So I just want to write  
> something like  
> filename=year+'_current'+day+'.dat' which I can not do. Here is the  
> code I have:  
>  
> day3=strmid(b,22,2) ; where b is the 6th line.  
> day2=string(day3)  
> day1=fix(day2)  
> day=intarr(1,1)  
> reads,day1,day  
>  
> I do the same for year and month also  
>  
> numofday=julday(month,day,year)-julday(1,1,year)  
>  
> then when I say :  
> filename=year+.....  
> I always get : % Type conversion error: Unable to convert given STRING
```

> to Integer. or
> % Type conversion error: Unable to convert given STRING to Long.
>
> What is missing or wrong? Help please
> Regards,
> Anil
>

Subject: Re: READS-string conversion problem??!
Posted by [greg.addr](#) on Tue, 29 Nov 2011 13:37:05 GMT
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I think that what you want to do isn't so hard, but your code has a few oddities:

- day3 is already a string - you don't need to convert it with the day2 line
- ok, day1 should be an integer conversion of the string value, so...
- what is that 1x1 array for? In any case, day1 and day are integers... there's no need to use reads here.

Hope that helps you on the way,
Greg

Subject: Re: READS-string conversion problem??!
Posted by [anil](#) on Tue, 29 Nov 2011 13:51:30 GMT
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On Nov 29, 3:34 pm, Kai Muehlbauer <kai.muehlba...@uni-bonn.de> wrote:

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> Am 29.11.2011 14:04, schrieb anil:
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>

```

Thank you so much! It is working finally.
