Subject: Re: READS-string conversion problem??!! Posted by Kai Muehlbauer on Tue, 29 Nov 2011 13:34:58 GMT View Forum Message <> Reply to Message

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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> variables are no strings.
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  Try something like:
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> filename =
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>> to Integer. or
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>
>> What is missing or wrong? Help please
>> Regards,
>> Anil
>
```

Thank you so much! It is working finally.