
Subject: Re: Slightly incorrect values using readf on a plain text file

Posted by [wlandsman](#) on Mon, 22 Jul 2013 18:49:35 GMT

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I would define your c10 variable as c10 = 0L before starting the "while" loop. By default, c10 is of type float, and so may lose precision when reading a large long integer. --Wayne

P.S. I would also be subscripting with square brackets rather than parentheses to avoid confusion later on.

On Monday, July 22, 2013 2:23:57 PM UTC-4, Meg wrote:

> I am trying to read the columns of a text file. All of the MET values come in slightly wrong in the one's place. Does anyone have a suggestion on how to fix this problem?

```
>
>
>
> Code:
>
>
>
> openr,dat,'/users/username/desktop/dataset2.txt',/get_lun
>
> ph2=((em2=(inc2=(error=(numpt=(ph1=(em1=((inc1=(iof = dblarr(9999))))))))))
>
> met= lindgen(9999)
>
> i=0
>
>
>
> while not eof(dat) do begin
>
>   readf,dat,c1, c2, c3, c4, c5, c6, c7, c8, c9, c10
>
>   iof(i)=c1
>
>   inc1(i)=c2
>
>   em1(i)=c3
>
>   ph1(i)=c4
>
>   numpt(i)=c5
>
>   error(i)=c6
>
>   inc2(i)=c7
>
```

```
> em2(i)=c8
>
> ph2(i)=c9
>
> met(i)=c10
>
>
>
> i=i+1
>
> endwhile
>
> free_lun,dat
>
>
>
> in=where(iof ne 0 and inc1 ne 0)
>
> iof=iof(in)
>
> inc1=inc1(in)
>
> em1=em1(in)
>
> ph1=ph1(in)
>
> numpt=numpt(in)
>
> error=error(in)
>
> inc2=inc2(in)
>
> em2=em2(in)
>
> ph2=ph2(in)
>
> met=met(in)
```
