
Subject: Re: help needed in the format of the output variable
Posted by [Lajos Foldy](#) on Thu, 29 Dec 2016 22:01:36 GMT
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On Thursday, December 29, 2016 at 11:26:37 AM UTC+1, sid wrote:

> Hi all,
> I have given below the table
> 2457331.055891204
> 2457331.056041667
> 2457331.056192130
> 2457331.056342593
> 2457331.056481482
> 2457331.056631945
>
> I am reading the file like this,
> IDL> r=dblarr(6)
> IDL> openr,2,'jultest.dat'
> IDL> readf,2,r,format='(g)'
> IDL> close,2
> IDL> print,r(1)
> 2457331.1
> IDL> print,r(1),format='(g)'
> 2457331.056041667
>
> I need to give this r(1) into,
>
> caldat,r(1),m,d,y,h,mi,s
>
> here the r(1) is 2457331.1
>
> how do i give the 2457331.056041667 as input into the caldat.
>
> please let me know how to resolve this.
>
> thanks in advance

You have a single r(1) with about 16 decimal digits precision. The two PRINT's just print this value in different formats. CALDAT gets the full precision number. Call CALDAT first with r[0], then with r[1] and compare the results.

regards,
Lajos
