

---

Subject: Re: help needed in the format of the output variable  
Posted by [Lajos Foldy](#) on Thu, 29 Dec 2016 22:01:36 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

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

---