On Friday, December 30, 2016 at 3:31:39 AM UTC+5:30, fawltyl...@gmail.com wrote:
> 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

Thanks a lot. I got it now.