Subject: Re: help needed in timegen
Posted by gunvicsin11 on Thu, 29 Dec 2016 04:22:44 GMT
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On Wednesday, December 28, 2016 at 9:42:54 PM UTC+5:30, Jim P wrote:
> On Wednesday, December 28, 2016 at 4:37:36 AM UTC-7, fawltyl...@gmail.com wrote:
>> On Wednesday, December 28, 2016 at 11:10:06 AM UTC+1, sid wrote:
>>> Hi all,
>>>
>>>   I have given below what I have done.
>>>
>>> print,julday(10,22,2014,14,00,32),format='(g)'
>>>   2456953.083703704
>>>
>>> mytimes=timegen(1,units='seconds',step_size=14,start=2456953 .083703704)
>>>
>>>
>>> The idea is to get julian at this date/time
>>> 10,22,2014,14,00,32 and
>>>
>>> 14 second after this, that is at 10,22,2014,14,00,46
>>>
>>> I expect the result to be 2456953.083865741.
>>>
>>> But If I do
>>> print, mytimes
>>> 2456953.0
>>>
>>> Please anybody let me know how to resolve this.
>>>
>>> thanks
>>
>> IDL> mytimes=timegen(2,units='seconds',step_size=14,start=2456953 .083703704d)
>> IDL> print, mytimes, format='(D20.10)'
>>   2456953.0837037046
>>   2456953.0838657417
>>
>> regards,
>> Lajos
>
> If you have IDL 8.5 or later, the new "implied print" syntax helps you get around the default
formatting of the standard PRINT behavior.
>
> First option, simply type the variable name at the prompt.
>
> IDL> mytimes
>   2456953.0837037046   2456953.0838657417
>

> This is the same as using PRINT with the /IMPLIED keyword.
>
> IDL> print, mytimes, /implied
>   2456953.0837037046   2456953.0838657417
>
> The keyword can be unambiguously abbreviated to "/i":
>
> IDL> print, mytimes, /i
>   2456953.0837037046   2456953.0838657417
>
> There's less typing involved than with an explicit FORMAT string. (But also see the new C-style formatting in IDL 8.6.)
>
> Jim P.

But if I need to get the values in the variable itself without printing, then what should I do,

Because I am going to use the variable in a loop, I want the variable mytimes to have value with 2456953.083703704 format.