Subject: Re: my god, it's full of stars....
Posted by Paul Van Delst[1] on Wed, 17 Aug 2011 12:05:00 GMT
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If I don't know what the size of the numbers will be (or if their range is many orders of magnitude), I use exponential
formats, e.g. e13.6.

cheers,

paulv

polystethylene wrote:
> On Aug 16, 10:29 pm, Paul van Delst <paul.vande...@noaa.gov> wrote:
>> The format used to output the number can't "fit it in". E.g.
>>
>> IDL> x=0.631398
>> IDL> print, format='(f10.6)', x
>>   0.631398
>> IDL> x=1000.0
>> IDL> print, format='(f10.6)', x
>> **********
>>
>> So, if the number being output in your file is >= 1000, you'll get stars.
>>
>> The ">=" is subject to precision of course:
>>
>> IDL> x=999.9999
>> IDL> print, format='(f10.6)', x
>> 999.999878
>> IDL> x=999.99999
>> IDL> print, format='(f10.6)', x
>> **********
>>
>> cheers,
>>
>> paulv
>>
>>
>
>
> Hi Paul, thanks for the swift reply.
>
> Does this mean the solution for situations where the number is unknown
> is to print with format D0.6, and not D10.6?
>
>