Subject: Re: format codes
Posted by Helder Marchetto on Wed, 28 Sep 2016 15:22:05 GMT
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Interesting. I seem not to be able to travel forward in time... When is 8.6 appearing for non-time travelers?
Any further sneak preview info (apart from the c_style output formatting)?

Thanks,
h

On Wednesday, September 28, 2016 at 5:00:20 PM UTC+2, Jim P wrote:
> On Wednesday, September 28, 2016 at 5:44:57 AM UTC-6, Craig Markwardt wrote:
>> On Tuesday, September 27, 2016 at 10:49:42 AM UTC-4, sayani ghosh wrote:
>>> I am working with with phase data that looks like 23568978.124578 in cycles.
>>> I want to export the whole value in decimal format without rounding off. The problem while using E11.4 or a or G10.4 is, IDL is rounding my data like 2.3568e+007.. Which is leading to errors in consequent calculations.
>>
>> FORMAT='(G)'
>>
>> will print the full double precision and include the exponent where necessary.
>
> For those reading this thread in the future with IDL 8.6 or later, be aware of the difference between "(G)" (FORTRAN-style) and "%g" (C_style) FORMAT specifiers because they are not equivalent.
>
> IDL> print, a, format = '(G)'
>   1.234567891011112E-066
> IDL> print, a, format = '%g'
> 1.23457e-066
> IDL> print, a, format = '%22g'
> 1.234567891011112e-066
>
> Jim P.