Subject: Re: Displaying floating point values with user specified decimal places?
Posted by Jonathan Greenberg on Sat, 26 Mar 2005 00:12:54 GMT

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My brain just exploded.

With that said, that did help me find the issue!

--j

On 3/25/05 3:55 PM, in article MPG.1cae52c520d07b41989999@news.frii.com,
"David Fanning" <davidf@dfanning.com> wrote:

> Jonathan Greenberg writes:
>
>> How do I control how a system works with decimal places for floating point
>> values? For instance, I did a few fltarr assigns which end up displaying
>> (via print,array) a longish floating point value without the decimals which
>> I know are there (e.g. 657456. vs the "true" value of 657456.25), or in
>> scientific number format -- when I go to use, for instance, Dave Fannings
>> write_csv_data.pro, it writes the array out in the same format that
>> print,array spits out. How do I control this decimal display format?
>
> I think you might be ready for this article:
>
>   http://www.dfanning.com/math_tips/sky_is_falling.html
>
> Have a look at the FORMAT keyword for both PRINT and PRINTF,
> then think about how many significant digits you can display
> in a float with computers. You may have to re-think your
> notion of a "true value". :-)
>
> Cheers,
>
> David