Subject: Re: Controlling number of decimal places
Posted by David Fanning on Wed, 28 Jul 2004 03:28:16 GMT

Edwin writes:

> Say I have a DOUBLE variable that holds 200.23234 for example. I want
> to output this number to a text file as a number rounded to two
> decimal places. In other words, I want to output to a text file
> "200.23".
>
> How do I do this? I've looked into the ROUND function but only rounds
> to the nearest integer.

Something like this should work:

    PrintF, lun, data, Format='(F8.2)'

Cheers,

David

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Coyote's Guide to IDL Programming: http://www.dfanning.com/

Subject: Re: Controlling number of decimal places
Posted by i-kant on Wed, 28 Jul 2004 20:15:52 GMT

>
> Something like this should work:
>
>   PrintF, lun, data, Format='(F8.2)'
>

I guess you mean that data is the DOUBLE variable. If so, can you
explain what F8.2 means? I'm guessing the 2 determines 2 decimal
places, but what about the rest of it.

Thanks!

Edwin