
Subject: Re: Double Accuracy

Posted by [David Burrridge](#) on Tue, 12 Mar 2002 10:01:56 GMT

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Hi Micheal,

"Michael Cruz" <michaeltcruz@yahoo.com> wrote in message
news:8e32c554.0203111046.35bd07c0@posting.google.com...

> I am in the process of writing a program to read in exponential data
> and plot its relationship to another variable. The trouble I am
> having is that the values I am reading in are very small and I am
> losing accuracy when I convert from a STRING to DOUBLE. Below is the
> procedure I am using with a sample of the input and output. As you
> can see, the output for this RATIO value is truncated to eight digits
> which makes the value useless. I am fairly new to PVWAVE so I could
> be making some fundamental mistakes. Appreciate help anyone can give.
<snip>

I'm more of an IDL user myself, but could it be the *printing* of the value
that's truncating it, rather than the stored value itself? I notice that
you're using "info" to print your ratio variable - what if you use 'print'
like all the other values in the program?

Hope this is useful,

Dave

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