
Subject: Re: Double Accuracy

Posted by [michaeltcruz](#) on Tue, 12 Mar 2002 15:24:14 GMT

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Thanks David but I'm sure that's not the problem. I probably should have mentioned that I'm plotting several hundred of these values that differ by less than the seven digits of truncated value and they are end up being the same value. I was just using the INFO function to show that the value was indeed getting changed to a DOUBLE.

"David Burridge" <davidb@clogic.f9.co.uk> wrote in message news:<Pkkj8.6140\$OP.179583@stones>...

> 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

>

> David Burridge

> Burridge Computing
