
Subject: Re: Plot bug or another "strange feature" ?
Posted by [Paul van Delst](#) on Tue, 16 May 2000 07:00:00 GMT
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"J.D. Smith" wrote:

>
> Such a plot routine could easily be written by a motivated user. Consider that
> in order to generate drawing commands for typical display and hardcopy devices,
> IDL must convert your data to floating point values at some point in the
> process. You may disagree with where and how they perform this conversion, and
> therefore can write a general purpose plot wrapper which auto-detects the type
> of data, scales or offsets it into a range well matched to the internal plot's
> floating precision, and then undoes the scaling in the labelling of the tick
> values.

I didn't know we were talking about plotting using object graphics....
:o)

> It seems as if your argument is equivalent to complaining that your image value
> which has data ranging from 1.e-12 to 2.e-12 doesn't display correctly with a
> straight "tv" command. RSI *could* have developed some overly-generalized
> notions of when and how to scale our data, which would work sometimes and
> sometimes not, and when it didn't, it would take heavy magic and carnal
> knowledge to get what you want. Thankfully they didn't.

That's a good illustration of the point. In this context the errors
generated by the examples given in this thread are tru blu features!

paulv

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