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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