Subject: Re: histogram crashes
Posted by Craig Markwardt on Wed, 15 Nov 2000 08:00:00 GMT
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There have been varying reports in the newsgroup of bugs in HISTOGRAM
over the past year involving versions 5.2-5.3, for Linux or Win NT,
either with or without NaNs. A quick search of Deja News should find
a lot of these. I would report it to RSI for sure!

Craig

"R.G.S." <rgs1967@hotmail.com> writes:

> Greetings all,
>
> I have a situation where histogram is crashing on me, in what seems to be
> a strange manner. (IDL 5.3.1, on WinNT 4 Workstation SP 5)
>
> Here is info on my data (latitudes):
> LAT   FLOAT   = Array[76, 1624]
> IDL> help,lat(*)
> <Expression>   FLOAT   = Array[123424]
>
> range of latitudes: -65.8900   79.9300
> min = :   20.0000
> There are NAN values in the array.
>
>
> Here is the offending call to histogram:
> hlat = histogram(lat(*),binsize = float(deltalat), min
> =float(20),REVERSE_INDICES = R,/nan)
>
> This results in a Norton CrashGuard message and IDL closes.
>
>
> Of course,the following call to histogram works with no problems:
> hlat = histogram(lat(*),binsize = long(deltalat), min =float(-1),/nan)
> as does:
> hlat = histogram(lat(*),binsize = float(deltalat), min =float(20),/nan)
>
> The difference seems to be that a positive "min" crashes and a negative
> "min" is ok when
> the reverse_index keyword is called. For my purposes the reverse_indices
> keyword
> is required.
>
> Anyone run across this before, and are there any fixes?

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>
> Cheers,
> bob stockwell
> stockwell (at) co-ra.com
>
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>
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Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response
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