
Subject: Re: histogram crashes (example code)
Posted by [Paul van Delst](#) on Thu, 16 Nov 2000 08:00:00 GMT
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"R.G.S." wrote:

```
>
> Here is a main level code that does crash IDL 5.3.1 on WinNT4 SP5
> So if anyone cares to see if it runs on other platforms, please
> let me know how it works out.
>
> Cheers,
> bob
>
> ; An example of histogram error crashes (kills IDL 5.3.1, Winnt)
>
> ;create fake data
> nscan = 1624
> nwide = 76
> lat = randomn(seed,nwide,nscan)*50
>
> ;create NaNs in data
> ind = randomu(seed,43293L)
> ind = ind(UNIQ(ind, SORT(ind)))
> ind = ind*n_elements(lat)
> lat(ind) = !values.f_nan
>
> ; create binning ranges
> latrange = [-70,-20]
> deltalat = 4
>
> ;offending histogram call
> hlat = histogram(lat(*),binsize = float(deltalat), min =float(latrange(0)), $
> max = float(latrange(1)),REVERSE_INDICES = R,o_max = omax,o_min=omin,/nan)
>
> end
```

Ran just fine on my machine (IDL 5.4, linux RH6.1). I don't know if the results were any good or not but nothing untoward happened.

```
IDL> help
% At $MAIN$
DELTALAT      INT      =      4
HLAT          LONG     = Array[13]
IND           FLOAT    = Array[43255]
LAT           FLOAT    = Array[76, 1624]
LATRANGE      INT      = Array[2]
NSCAN         INT      =  1624
NWIDE         INT      =      76
```

OMAX FLOAT = -20.0000
OMIN FLOAT = -70.0000
R LONG = Array[22970]
SEED LONG = Array[36]

Compiled Procedures:

 \$MAIN\$

Compiled Functions:

 UNIQ

paulv

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