
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,omax = omax,omin=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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Paul van Delst Ph: (301) 763-8000 x7274
CIMSS @ NOAA/NCEP Fax: (301) 763-8545
Rm.207, 5200 Auth Rd. Email: pvandelst@ncep.noaa.gov
Camp Springs MD 20746
