
Subject: histogram crashes

Posted by [R.G.S.](#) on Wed, 15 Nov 2000 08:00:00 GMT

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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?

Cheers,

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