
Subject: Re: histogram produces extra bin in 64-bit IDL 8.0

Posted by [war](#) on Wed, 18 May 2011 15:04:53 GMT

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I just posted the following message but then I saw there just was a topic about more or less the similar problem. In my case, it is just about using different binsize and max.

Can somebody explain why the following gives different number of elements with the HISTOGRAM function?

```
IDL> hist_spd= HISTOGRAM(velocity[indb],binsize= .20,min=0.,max=1.40)
```

```
IDL> print,hist_spd
```

```
      6      16      23      0      0
0      0
```

```
IDL> hist_spd= HISTOGRAM(velocity[indb],binsize= 20.,min=0.,max=140.)
```

```
IDL> print,hist_spd
```

```
      45      0      0      0      0
0      0      0
```

(whatever velocity content is)

My main concern is the number of elements returned by the function.

The only difference between the 2 command is that I multiplied the binsize and max with 100. BUT they return 7 and 8 elements?

I would expect they both return the same number of elements.

Thanks,

Andry
