
Subject: Question on plotting a histogram with original values
Posted by [David van Kuijk](#) on Thu, 06 Feb 1997 08:00:00 GMT
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Hi

I am using IDL3.0

When I use the histogram-function I find it very annoying that I can't see which range of data has been put in which bin. Has anybody written a function which returns these values, or the mean values for each bin?

To give an example:

PRO testHisto

```
testAr = [-44,0,-42,-58,-48,-25,-26,-1,-46,-36,-16,-55,-6,-81,10,-31, -38,$  
-34,-49,-80,2,-40,-65,-3,10,-31,-85,-34,-27,-14,-41,-73,-67, 3,-51,$  
-6,0,-107,-7,-36,-33,-59,-2,-99,-22]  
testHisto = histogram(testAr, BINSIZE = 10)  
plot, testHisto, PSYM = 10  
END
```

This program will plot a nice histogram, but the values on the x-axis just show the rank number of the bins, and the information on the ranges of the original data is lost.

I am sure the problem is solvable, but I don't want to spend too much time on this if somebody else already has found a solution.

Thanks,
David van Kuijk
