Subject: HIST_ND
Posted by Matthew Angling on Tue, 12 Aug 2003 16:32:51 GMT
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Hi!

I'm trying to increment some voxel values based on xyz tuples - a classic use for a histogram. I'm trying to use JD's HIST_ND, but it's proving too much for my feeble brain! So before I get into the misteries of reverse indices, I've started to try to understand it by comparing output from HIST_ND with RSI's HIST_2D as per the following 2d example. Why do the two routines give different results?

```
IDL> ind1=[0,1,1,2]
IDL> ind2=[0,2,2,3]
IDL> print,hist_2d(ind1,ind2)
       1       0       0
       0       0       0
       0       2       0
       0       0       1
IDL> print,hist_nd(transpose([[ind1],[ind2]]),1)
       1       0
       0       0
       0       3
```

What am I missing here?

Cheers

Matt

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Dr. M. J. Angling
Centre for RF Propagation and Atmospheric Research
QinetiQ Malvern
email: mjangling@QinetiQ.com