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> It uses histogram and then TOTAL(histo,/CUMULATIVE) to find the cutoff
> points.

Mike,

That's a very useful suggestion, and I'll certainly use it myself. This keyword does not seem to be available for HIST_EQUAL in IDL 5.3. Do you know if it became available in IDL 5.4 or 5.5?

I wrote a short example function for my book that accomplishes the same task. I've previously heard this technique referred to as "histogram clipping". The name of the function is imclip.pro, and it's available in the sample programs archive at

http://www.gumley.com/PIP/About_Book.html

Here's how it's used:

```
a = dist(256)
range = imclip(a, percent=5)
tv, bytscl(a, min=range[0], max=range[1])
```

or with my IMDISP program

```
imdisp, a, range=imclip(a, percent=5)
```

Cheers,

Liam.

Practical IDL Programming

<http://www.gumley.com/>

Subject: Re: frequency distribution and bytscl
Posted by [mchinand](#) on Wed, 10 Jul 2002 16:43:26 GMT
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In article <3D2C5C38.5F3C7E6A@ssec.wisc.edu>,
Liam E. Gumley <Liam.Gumley@ssec.wisc.edu> wrote:

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I'm not sure. I'm running 5.5. The PERCENT keyword isn't mentioned in the 'What's New' files for either 5.4 or 5.5. It's described in the online help, so it must have been added in 5.4 if it's not in 5.3.

--Mike

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