Subject: Re: Quick question regarding "where" function
Posted by K. Bowman on Wed, 12 Oct 2005 21:41:57 GMT

In article <1129151161.183821.264480@g14g2000cwa.googlegroups.com>,
 "ChiChiRuiz@gmail.com" <ChiChiRuiz@gmail.com> wrote:

> I have an image of pixels (xsize by ysize), each pixel is associated
> with a value. Say I'd like to know which pixels have value over 20. I
> need to book-keep the values as well as the location of the pixel (i.e.
> x, y values). I started with
>
> indices = where (image GT 20)
>
> now I have a list of indices, what do i do next? How do I go backwards
> to retrieve the values and the locations of the pixels that pass the
> test?
>
> thanks for your help.

values   = image[indices]
locations = ARRAY_INDICES[image, indices]

But never do a WHERE without a count and subsequent IF

indices = WHERE(image GT 20, count)
IF (count GT 0) THEN ...

Cheers, Ken Bowman