sid wrote:
> Hi,
>   My data is in fits format. The is of 1024 * 1024 array. The counts
> vary from 5000 to 6000 and I know that 5500 counts is there in my
> data, but I need to know at which pixel this 5500 counts occur
> exactly, without displaying the image, because I need to do this for
> several files. So each time I can't display and check for the pixel
> position. please helpout in this regard.
> regards
> sid

I think what you are saying (correct me if I am wrong) is that you have
a 1024x1024 array, and you want to find where the pixel values are equal
to 5500.

You can use the WHERE function:

fitsData = readfits('filename.fits')
countValue = 5500

findIndices = where(fitsData eq countValue)

Note that the WHERE function returns one-dimensional subscripts. You can
convert them back to two-dimensional subscripts (if you need to) using
the ARRAY_INDICES function:

rectIndices = array_indices([1024,1024],findIndices,/dimensions)

Cheers
~Aram Panasenco