Subject: the position of the pixel in 3 dimensional array
Posted by Hassan on Tue, 29 Dec 2009 18:00:28 GMT
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Hi,

I used the folloing command to get a one-dimensional array:
pos_g0=where(image gt 0)
now, I have a pixel that know the value in three positions of
[388,168,13],[388,168,33,[388,168,48]] ([column,row,band]) and want to
work out the location of pixel in the pos_g0 which is in 3 locations.
I used the following commands but the results isn't correct.

```
;make a vector which keeps the position of the desired pixel in pos_g0
array in 3 locations
pixel_pos=[0,0,0]

for i=0l,n_elements(pos_g0)-1 do begin&
ai=array_indices(ref1,pos_g0[i])&
if (ai[0] eq 388 and ai[1] eq 168 and ai[2] eq 13) then begin &
 pixel_pos[0]=i&
endif&
else begin&
 if (ai[0] eq 388 and ai[1] eq 168 and ai[2] eq 33) then &
   pixel_pos[1]=i&
  if (ai[0] eq 388 and ai[1] eq 168 and ai[2] eq 48) then &
     pixel_pos[2]=i&
   endelse&
    endfor
```