Subject: Negative values with incrementation
Posted by Suguru Amakubo on Fri, 21 May 2010 00:06:24 GMT

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Hi I am currently scattering points on a 400x400 image in order to use them as reference points to manipulate subsets of images. During the process I tried to establish the number of points scattered across the image to see if any point is not covered by it.

When I was trying to evaluate the number of blank points on an image I used incrementation to count the number of 'voids' in the scatter pattern with a value of 0.

First time round, it gave me a positive number of void as expected and I increased the number of points scattered however when I have done so the number of void became negative.

below is the code:

```
void_point = 0
for count_x_axis = 0,size_of_image-1 do begin
 for count_y_axis = 0,size_of_image-1 do begin
    if coverage(count_x_axis,count_y_axis) eq 0 then void_point++
    if void_point eq 0 then stop  ; this test line was skipped and the
code stopped on the following stop
 endfor
endfor
stop
```

coverage is a 400x400 matrice containing the number of reference points scattered on a certain pixel.

and the output was:

```
IDL> print, void_point
   -2469
```

the number of points scattered was 3015 (checked using help)

Any idea why this happens?

Thanks and apologies in advance if this is a trivial mistake.

Suguru