Subject: Re: adding subset image into larger one
Posted by Suguru Amakubo on Wed, 24 Mar 2010 00:08:27 GMT
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Thank you all for the reply.

yes this seems like a compilation error, I get the output below when I compile it:

```
IDL> .COMPILE "C:\Users\kaizo\physics\block_shift.pro"

 new_image = new_image[tr_point[0,a]:tr_point[0,a]
+L-1,tr_point[1,a]:tr_point[1,a]+L-1] += temp_image

^
Syntax error.
  At: C:\Users\kaizo\physics\block_shift.pro, Line 58

 population = population[tr_point[0,a]:tr_point[0,a]
+L,tr_point[1,a]:tr_point[1,a]+L] += coverage_image

^
Syntax error.
  At: C:\Users\kaizo\physics\block_shift.pro, Line 61
2 Compilation error(s) in module BLOCK_SHIFT.
```

and here are the while loop that contains them (I do get runtime error running the below but that I now know how to resolve it and will be done soon) :

```
a=0
b=-1

;while loop that runs through the array and places blocks on top of
the image
while a LT n_elements(mc_point[0,*]) do begin

 ;extracting the block from the original image
 temp_image = new_image2[mc_point[0,b+1]:mc_point[0,b
+1]+L-1,mc_point[1,a]:mc_point[1,a]+L-1]

 ;adding the subset to a 400x400 image
 new_image = new_image[tr_point[0,a]:tr_point[0,a]
+L-1,tr_point[1,a]:tr_point[1,a]+L-1] += temp_image

 ;adding an 30x30 array of 1s to a blank 400x400 image population
 population = population[tr_point[0,a]:tr_point[0,a]
+L,tr_point[1,a]:tr_point[1,a]+L] += coverage_image
```

```
 a=a+1
 b=b+1

endwhile
```

Again thank you very much for your help. :)

Suguru
