Subject: Re: adding subset image into larger one
Posted by Suguru Amakubo on Wed, 24 Mar 2010 00:53:38 GMT
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Unfortunately if I do that the function of the line (I think) will
change.

I intend the line to add the subset on top of the bigger image in a
while loop and the definition of the temp_image is done on the
previous line.

The original code was like:

```
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
```

So the temp_image (a 30x30 array) was added to new_image(400x400) and
ditto with population and coverage_image

I am under the impression that

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

will define the portion of new_image as temp_image (please tell me if
I am making a critical mistake) :)