
Subject: Array resize with arbitrary arithmetic

Posted by rpertaub@gmail.com on Mon, 12 Mar 2007 20:23:09 GMT

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I have this 640x240 array. I need to change it to a 320x240 array. However, in first array, consecutive 2 pixels hold information for 1 pixel in second array and I need to do a certain bit of arithmetic to obtain that. This should not be too difficult, except I keep getting errors and I am not sure why:

This is what I do:

```
pro compress_image
```

```
image=read_bmp('9 March 2007\775u.bmp') ; 640x240 array
```

```
comp_image=make_array(76800,/long) ;1x76800 array that I can  
reform to 320x240array later
```

```
temp=0
```

```
for j=0,239 DO BEGIN  
  for i=0,319 DO BEGIN
```

```
    comp_image[0,temp]= image[2*i,j]*256 + image[2*i+1,j] ;  
    arithmetic necessary  
    temp=temp+1  
  endfor
```

```
endfor
```

```
end
```

Any insight would really be appreciated!

Thanks

Radha
