Subject: Re: Array resize with arbitrary arithmetic
Posted by David Fanning on Mon, 12 Mar 2007 21:50:39 GMT
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rpertaub@gmail.com writes:

```
>  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
```

Seems to me the way to do this might be like this:

```
 image=read_bmp('9 March 2007\775u.bmp')   ; 640x240 array
 temp = Rebin(image, 2, 320, 240)
 temp = Total(Temporary(temp), 1)
```

Cheers,

David
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Sepore ma de ni thui. ("Perhaps thou speakest truth.")