Subject: Re: Array resize with arbitrary arithmetic
Posted by David Fanning on Mon, 12 Mar 2007 22:15:15 GMT
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David Fanning writes:

>> image=read_bmp('9 March 2007\775u.bmp') ; 640x240 array
>> temp = Rebin(image, 2, 320, 240)
>> temp = Total(Temporary(temp), 1)
>
> Whoops, that REBIN command should be REFORM. :-)

Let this be a lesson to those of you who think you
can answer IDL questions at the same time you are
working on something else. Sheesh!

I *think* the answer to the original question, which
looks to me like we want to multiply the first pixel
by 256 and add the second, adjacent pixel to it (does
that seem weird to you!?) is this:

```
image=read_bmp('9 March 2007\775u.bmp')   ; 640x240 array
temp = Rebin(image, 2, 320, 240)          ; Adjacent pixels in cols
temp[0,*,*] = temp[0,*,*] * 256           ; Multiply 1st col by 256.
temp = Total(temp,1)                      ; Add columns together.
```

Cheers,

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