
Subject: Reading in a bunch of bytes

Posted by [Phil Williams](#) on Tue, 02 Jul 1996 07:00:00 GMT

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I hope someone out there can point out the stupid thing I'm doing that causes this to fail, cause all my hair is on the floor around my chair at present.

I have a binary file of 2 256x128x64 arrays of longs that are interleaved by rows. Here's what I do to try and read it:

```
openr,1,'file'
s = fstat(1)
data = bytarr(s.size) ; s.size = 8388608 = 256*128*64*4
readu,1,data
close,1
```

```
xsize = 256
ysize = 128
zsize = 64
```

```
junk1 = fltarr(xsize,ysize,zsize)
junk2 = fltarr(xsize,ysize,zsize)
```

```
offset = xsize*4. ; 4 bytes/pixel
k = 0
```

```
for i = 0,zsize-1 do begin
  for j = 0,ysize-1 do begin
    off1 = offset*long(k)
    off2 = offset*long(k+1)
    junk1 = long(data,off1,xsize)
    junk2 = long(data,off2,xsize)
    k = k + 2
  endfor
endfor
```

```
end
```

Everything looks good to me, but I always end up offsetting past the end of the data. Any help would be greatly appreciated!

Thanks in advance,

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/***** */

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Children's Hospital Medical Center "One man gathers what
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