
Subject: Trouble writing very large files

Posted by [Vince Hradil](#) on Fri, 26 Sep 2008 20:12:45 GMT

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I want to write a very large array to a file. I'm trying:

```
array = intarr(640,640,1073,15) ;; 13,185,024,000 bytes!
```

```
openw, lun, 'foo.dat', /get_lun  
writeu, lun, array  
free_lun, lun
```

IDL crashes when the writeu fires up.

```
print, !version  
{ x86_64 Win32 Windows Microsoft Windows 7.0 Oct 25 2007      64  
64}
```

The pointer seems to expand okay:

```
IDL> point_lun, -lun, pos  
IDL> help, pos  
POS      LONG      =      0  
IDL> point_lun, lun, 640LL * 640LL * 1073LL * 15LL * 2LL  
IDL> point_lun, -lun, pos  
IDL> help, pos  
POS      LONG64     =      13185024000  
IDL> point_lun, lun, 0  
IDL> point_lun, -lun, pos  
IDL> help, pos  
POS      LONG      =      0
```
