
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
```
