Subject: Re: Trouble writing very large files
Posted by Craig Markwardt on Sat, 27 Sep 2008 22:16:10 GMT
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Vince Hradil <vincehradil@gmail.com> writes:
> 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.

Wait, if IDL crashes, how were you able to check the file pointer
location afterward??? If you mean that IDL reported an error but
continued to run, what was the error?

Craig

>
> 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

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