
Subject: Re: Trouble writing very large files
Posted by [Vince Hradil](#) on Mon, 29 Sep 2008 13:31:47 GMT
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On Sep 27, 5:16 pm, Craig Markwardt
<craigm...@REMOVEcow.physics.wisc.edu> wrote:
> Vince Hradil <vincehra...@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
>
> --
> -----
> Craig B. Markwardt, Ph.D. EMAIL: cbmarkwardt+use...@gmail.com

> -----

IDL crashes when I let it try to write the file. However, I can do the commands that I typed manipulating the pointer. Sorry it wasn't that clear. So, to summarize - The point_lun commands seems to work fine, but the writeu command crashes.
