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Subject: Readu, Writeu Causing Segmentation Fault

Posted by [A.R.](#) on Mon, 07 Sep 2009 04:21:28 GMT

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Hello everyone,

I have created rather large volumes (3-D binary arrays) in IDL that I save as unformatted data (i.e. writeu). When the volume gets above a certain size (around 2.2 GB) when I attempt to writeu or readu the volume, I am kicked out of IDL with a segmentation fault. I don't think it's a memory issue, I'm running 64-bit IDL on a 64-bit linux running redhat enterprise with 12 GB of ram.

One workaround I've used for 'writeu' is to write to the file in chunks, by using a for loop to write each slice of the volume individually. This works for saving the volume, but then I have no way to re-open the volume in IDL without the readu segmentation fault!

Anyone have any ideas for what could be causing this? I'm running IDL Version 6.2.

I appreciate any suggestions/ideas you smart people might have! In the meantime, I'll continue banging my head against the wall over this one.

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