
Subject: Re: Restore problem.

Posted by [R.G. Stockwell](#) on Thu, 27 Aug 2009 19:04:58 GMT

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"Jean H." <jghasban@DELTHIS.ucalgary.ANDTHIS.ca> wrote in message
news:h76jau\$3rc\$1@news.ucalgary.ca...

> R.G. Stockwell wrote:

>> I have a very simple, yet very wrong situation.

>> I am reading a saved file, with restore.

>> The numbers are flat out wrong, but the variable names,
>> and array dimensions are the same. There is a float array,
>> and an integer array (nothing fancy).

>>

>> I've tried reading it on a few different machines,
>> different versions of IDL, 32 bit and 64 bit. They
>> all read it "wrong".

>>

>> are there known bugs in RESTORE?

>>

>> RESTORE: IDL version 7.0 (linux, x86_64).

>>

>> cheers,

>>

>> bob

>>

>>

>>

>>

> could it be an Endian issue?

>

> Jean

don't see how. RESTORE does not allow endian control.
That should be taken care of with the XDR file format.

More info: We lose our NaNs as well. They seem to become zeroes,
but not always (i.e. i get 2.3 instead of NaN for instance).
Also, the range of the numbers is somewhat normal (i do not get
everything as 10^{-323} for instance - the numbers are in the range of
-1000 to 1000).

cheers,
bob
