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Subject: ZLIB\_UNCOMPRESS limited to 4GB?

Posted by [markb77](#) on Mon, 12 Jan 2015 20:03:16 GMT

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hi,

I am trying to access data that is stored in a zlib compressed format in a set of existing files. The data size in some of the files is > 4GB.

For the smaller files, I can use ZLIB\_UNCOMPRESS to access the data successfully. However, when I try ZLIB\_UNCOMPRESS on the larger datasets, IDL crashes hard (the program just closes).

I've tested ZLIB\_COMPRESS with large datasets, and this throws an error when the input data is > 4GB.

So, are both of these routines limited to 4GB data? If so, why?

IDL Version 8.3, Microsoft Windows (Win32 x86\_64 m64). (c) 2013, Exelis Visual Information Solutions, Inc.

My machine has 32GB of RAM... and I have also tested this on IDL 8.4

Any ideas on how to decompress this data in IDL?

thanks

Mark

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