
Subject: IDL 4.0.1 reading problem?

Posted by [ECSPRS](#) on Fri, 01 Dec 1995 08:00:00 GMT

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Hi all,

This may be premature cause I've only just discovered a problem (bug?) reading some binary data using IDL 4.0.1 but I wanted to see if anyone has had anything similar happen.

The story is I have data that was written out to a binary file from structures which are then read back using another program, first reading the array size it needs to size the structure arrays. All this worked fine under IDL 4.0 but the readback program crashed after reading the first structure when using 4.0.1. The sizing of the structure arrays was correct but it seems that 4.0.1 "dropped" some of the data. To clarify, the first array in the structure is time (0 to 24 hours). When IDL 4.0 reads in the first structure there is a continuous progression from 0 to 24 hours but when using 4.0.1 there is a break from about 4.3 to 7.2 (min and secs are decimalised) where it "lost" about 620 points and then went on to read that number of points which were meant for the next array in the structure. This of course screws up the reading of the following structures and I don't know if subsequent reads are dropping points as well.

The program and data files have been working happily for many months now with IDL 4.0 (and earlier) so it is a mystery to me why they have suddenly stopped now on the latest version.

Any ideas?

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