
Subject: Re: Need integer consts eq long not short
Posted by [black](#) on Wed, 09 Nov 1994 16:05:37 GMT
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While we're on the subject of bugs due to short integers rather than long integers, I might point out another variation of bugs due to this.

This is using the FIX function as opposed to LONG. A example of this is in the PV-WAVE routine SUM. The routine works so long as the output array is not over 32767 elements. I think this particular routine only exists in PV-WAVE - the IDL routine that performs the equivalent operation is TOTAL (note the IDL version of total not the PV-WAVE one). This particular bug is still in SUM in the version of PV-WAVE that we have which is 4.20

Note also that AVG calls SUM, so there's effectively a bug in AVG too.

John Black
