Subject: Re: Need integer consts eq long not short
Posted by landers on Thu, 10 Nov 1994 14:33:04 GMT

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In article <39qs0h$g7@ovid.dra.hmg.gb>, black@signal.dra.hmg.gb (John Black) writes:
|>
|> 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 effectivly a bug in AVG too.
|>
|> John Black

PV-WAVE has bot TOTAL and SUM procedures. TOTAL just totals the contents of
an array, and is an 'intrinsic' function (it's compiled in - there's no
total.pro source). SUM is a User's Lib routine that will sum values from a
particular array index.

The bug you mention in SUM has been fixed for version 5.00, as well as for the
PC version, PV-WAVE Personal Edition.

--
Dave