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Subject: IDL platform difference

Posted by [Hubert Dietl](#) on Thu, 25 Mar 1999 08:00:00 GMT

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I have noticed that IDL for Windows and IDL for MacOS seem to handle some calculations and/or output using float variables differently. I have a procedure that is carrying out a large calculation and printing the results to a file. When I run the same procedure on the two different platforms, I get two different answers. Example:

On the PC: 4.94e+009 On the Mac: 4.93e+09

I expected the difference in the number of zeroes in the exponent, but not the change in value. Has anyone ever encountered this before? I understand the difference is small, but there really shouldn't be any difference at all. Thanks for any help.

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