Subject: Re: strange GT and LT behavior
Posted by markb77 on Tue, 21 Oct 2014 11:01:04 GMT
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On Monday, October 20, 2014 11:28:17 PM UTC+2, Craig Markwardt wrote:
> On Monday, October 20, 2014 12:48:30 PM UTC-4, superchromix wrote:
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>> Thanks for the insights. The reasons for this behavior is clear.. it was just somewhat unexpected.
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> When I was young I thought integer math on a computer was so simple and easy. After doing some moderately intensive integer calculations in C, I realized that integer math is the work of evil.

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> The interactions of signed vs unsigned, and short vs long data types, is very subtle and prone to error. One needs to pay very careful attention to compiler/interpreter conventions regarding integer math. In my particular case I was using integer math in C to avoid the overhead of floating point, so it was "worth it."
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> Craig

If this was C, the programmer would see a compiler warning to flag the comparison of a signed with an unsigned variable. I wonder if such a "warning" would be possible in IDL...? Now that I think of it, probably not, since a function doesn't know what will be passed to it until runtime..