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Subject: Re: Feature, or bug?

Posted by [Lajos Foldy](#) on Thu, 24 May 2012 12:45:07 GMT

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On Wednesday, May 23, 2012 9:32:06 PM UTC+2, whdaffer wrote:

>> Integer overflow is "undefined behaviour" in standard C, so it can not be done in a portable way. The glibc manual says:

>>

>> FPE\_INTTOVF\_TRAP

>>

>> Integer overflow (impossible in a C program unless you enable overflow trapping in a hardware-specific fashion).

>

> Which, means, effectively, that check\_math for integer overflow is  
> worthless since I doubt that ITT or whatever they're called this week  
> is going to enable overflow trapping in a hardware-specific fashion.

>

> Is the situation similar for the other errors?

>

> whd

Other errors are OK, floating point exception handling is standardized in C99.

Integer overflow may work on non-x86 architectures (SPARC today, Alpha, MIPS, ... for older IDL versions).

regards,  
Lajos

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