

## Re: how long is double

**Source:** [http://coding.derkeiler.com/Archive/C\\_CPP/comp.lang.cpp/2004-01/0279.html](http://coding.derkeiler.com/Archive/C_CPP/comp.lang.cpp/2004-01/0279.html)

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**Date:** 01/04/04

Date: Sun, 04 Jan 2004 02:43:49 GMT

"f" <[ffunus@yahoo.com](mailto:ffunus@yahoo.com)> wrote in message  
news:8f4ce98a.0401031338.4208ac8@posting.google.com...

> *I have this*  
>  
> *double sum, a, b, c;*  
> *sum = a + b + c;*

You used a, b, and c without initializing them. Was this your intent?

> *printf("%.20f = %.20f, %.20f, %.20f", sum, a, b, c);*  
>  
> *I found that the debug version and release version of the same code*  
> *give me different result. I am using VC++ 6.0.*  
>  
> *In debug version, the print out is:*  
> *-12.25938471938358500000 = -11.43596388399630500000,*  
> *-0.07591666113607631300, -0.74750417425120252000,*  
>  
> *In the release version, the print out is:*  
> *-12.25938471938358300000 = -11.43596388399630500000,*  
> *-0.07591666113607631300, -0.74750417425120252000,*

Looks the same to me. And where is that trailing comma coming from?

>  
> *The above sum = a + b + c is just a part of my computation. I found*  
> *that my whole computation crushed in the debug version because some*  
> *number became zero and another number divide this number. But this did*  
> *not happened in the release version.*

Perhaps you can coax The Great Carsoni out of retirement. Or post some code.

>  
> *Why?*  
>  
> *Thanks,*  
>

comp.lang.c++: Re: how long is double

> *ff*

>

> [ See <http://www.gotw.ca/resources/clcm.htm> for info about ]

> [ *comp.lang.c++.moderated. First time posters: Do this!* ]

Your massive crossposting is very bad usenet manners.

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Cy

<http://home.rochester.rr.com/cyhome/>