
Subject: Re: rounding errors

Posted by [Dominic R. Scales](#) on Fri, 27 Apr 2001 11:38:39 GMT

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Alex Schuster wrote:

> You just have to define the 2.56989 as a double: b = 2.56989d :)
>
> Remember that the floating point value 2.56989 is not the same as the
> real number 2.5698900000000000..., but just some value around
> 2.5698900. Converting it to a double introduces more digits to the
> right, but they are pretty random.
>
> Alex
> --
> Alex Schuster Wonko@weird.cologne.de PGP Key available
> alex@pet.mpin-koeln.mpg.de

Danke Alex :)

the prints were more of an example. In the 'real' world,
the data is read in from a file with readu and is an array
of float variables. I want to perform the following maths
in double but with the cast to double I already introduce
'pretty random digits to the right', as you say.
I'd really like to avoid calling something like double(string(a))
for some large array...

Any ideas?

Schö¹/₂nes langes Wochenende,
Dominic

[Tuesday is a holiday, so I'll take Monday off :)]

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