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Subject: Re: Spin button widget??

Posted by [edward.s.meinel@aero](mailto:edward.s.meinel@aero) on Fri, 23 Sep 2005 17:01:47 GMT

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Peter Albert wrote:

>  
> thanks for the tip, I just built it into an application. However, I'd  
> like to mention a trap I stepped into: if setting the INCREMENT keyword  
> to a float value like 0.1, the arrow\_up button seems not to work. If  
> you set it to a double precision value, it works. arrow\_down always  
> works. Very weird.  
>  
> Peter

Numerical analysis should be a required course for anyone who  
programs...

Computers use base 2 arithmetic, not base 10. Therefore 0.1 cannot be  
represented exactly on a computer. In particular, 0.1 in single  
precision IS NOT EQUAL TO 0.1 in double precision.

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