

## Re: \_ttoi function – checking return value

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*Source:*

<http://www.tech-archive.net/Archive/WindowsCE/microsoft.public.windowsce.embedded.vc/2008-01/msg00028.htm>

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I think that you need to validate the user input, not your interpretation of the input which you are showing can and will change the value if the user input is out of range.

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Hi all,

I'm using the "\_ttoi" function to convert a user-input string into an integer, and want to check that the user-entered value is within an integer's range, by checking against INT\_MIN and INT\_MAX.

However, overflows can occur, so that for example 999999999 results in 1410065407 being returned by the \_ttoi function, which would erroneously pass the " if( x >= INT\_MIN && x <= INT\_MAX )" test.

Does anyone have any ideas how best to validate user-input such as this?

Thanks for any help,

Tony.