"This expression causes side effects and will not be evaluated". How to suppress?

Asked 8 years, 11 months ago Active 6 years, 3 months ago Viewed 11k times



I'm getting this message in watch box.

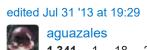
Actually, my expression doesn't have any side effect, and I need to re-evaluate it automatically each time. How can I achieve that?











asked Nov 14 '10 at 17:20 fithu

- 2 The debugger disagrees with you. I'm with the debugger, got nothing else to look at. Hans Passant Nov 14 '10 at 19:36
- 1 @Hans, debugger just doesn't check at all. It only supposes "every method has side effects, every property doesn't". Both is wrong. fithu Nov 14 '10 at 19:53
- This should probably be tagged with C#. The ",ac" modifier in the accepted answer is only valid in that language. Sources: Format Specifiers in C++, Format Specifiers in C++ aguazales Jul 31 '13 at 19:12
- 1 I have this problem for C++, so if there's a way to supress the message for C++ I would love to hear it! uglycoyote Oct 31 '17 at 18:34

Possible duplicate of Visual Studio: Make debugger aware that a function doesn't cause "side effects" - David Dec 26 '18 at 17:39

1 Answer



You can append ",ac" to the watch expression to have it automatically refresh the value

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x.ToString(),ac



See http://msdn.microsoft.com/en-us/library/e514eeby.aspx for more information and other format specifiers.



thanks to Scott Visual Studio: Make debugger aware that a function doesn't cause "side effects"

edited May 23 '17 at 12:26

Community •

answered Jul 25 '11 at 10:40



zproxy

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5 Side note for Googlers: ",ac" is just for C#, not for C++. The return of the usual prodigal son. – TechNyquist Jul 15 '16 at 13:49