

"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



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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?

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visual-studio-2010

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edited Jul 31 '13 at 19:29



aguazales

1,341 1 18 29

asked Nov 14 '10 at 17:20



fithu

958 2 10 22

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

2 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 suppress 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



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

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 ♦

1 1

answered Jul 25 '11 at 10:40



zproxy

2,481 3 34 42

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
