

Re: Small C# program takes up too much memory

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<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.languages.csharp/2007-02/msg02924.html>

- *From:* "Chris Mullins [MVP]" <cmullins@xxxxxxxx>
 - *Date:* Wed, 21 Feb 2007 11:06:59 -0800
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While I agree with you 100% on every technical level, the user's perception defines reality. Users see the big number in task manager and get cranky. They see a small number, they're happy.

I really wish I had a better answer. For almost all the small client-side stuff we do, this works well. Especially as these apps load, and don't really do anything. They're doing almost no processing, no data base stuff – they're just sitting idle and reporting that they're taking 20–50 megs of memory.

Running GC.Collect over & over doesn't even solve the problem – the app still reports a huge amount of memory, and the users perception then is that we suck.

Please – give me a better solution! :)

—

Chris Mullins, MCSD.NET, MCPD:Enterprise, Microsoft C# MVP
<http://www.coversant.com/blogs/cmullins>

"Willy Denoyette [MVP]" <willy.denoyette@xxxxxxxx> wrote in message news:eD7ki6dVHHA.3652@xxxxxxxxxxxxxxxxxxxxxxxx

"Chris Mullins [MVP]" <cmullins@xxxxxxxx> wrote in message news:%23Wk1%237TVHHA.4764@xxxxxxxxxxxxxxxxxxxxxxxx

<elty123@xxxxxxxx> wrote in message:

I have a small C# program (about 400 lines of code) that is only 28kb after compiled.

However when it runs (takes a whole 5 seconds) it takes up nearly 20MB of memory and I don't see why.

[...]

Re: Small C# program takes up too much memory

Is there anyway I can reduce the memory usage?

This is a pretty common problem. Fortunately there's a pretty easy solution:

<http://www.coversant.net/dotnetnuke/Default.aspx?tabid=88&EntryID=4>

—
Chris Mullins, MCSD.NET, MCPD:Enterprise, Microsoft C# MVP
<http://www.coversant.com/blogs/cmullins>

Chris,
you don't want your applications to run under an administrator account just to fake low memory consumption do you?
Note that doing this is much worse than calling GC.Collect in .NET, all it does is disturb the OSses BalanceSet Manager without any benefit for the user.

Willy.