

Re: Relationship between versions of .Net Framework

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework/2008-06/msg00190.html>

- *From:* P Chase <peter.chase@xxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Tue, 17 Jun 2008 05:18:38 -0700 (PDT)
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On 17 Jun, 13:00, "Alvin Bruney [ASP.NET MVP]" <[vapor dan using hot male spam filter](mailto:vapor_dan_using_hot_male_spam_filter)> wrote:

what memory leak are you seeing? You need to describe it better and give some more details.

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Regards,
Alvin Bruney [MVP ASP.NET]

[Shameless Author plug]
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"P Chase" <peter.ch...@xxxxxxxxxxxxxxxxxxxxxx> wrote in message

news:9f5a9847-26a7-4c2d-802e-a4b826b619f7@xx

I am developing an application using Visual Studio 2005, Windows XP (or 2003) and C#. I am using facilities of .Net Framework 3.0, but not of 3.5.

I am falling foul of some memory leaks in the framework, which Microsoft claim to have fixed in .Net Framework 3.5 SP1.

I confess to not really understanding how the various versions of .Net Framework that have been installed on my machines are actually used by the application.

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So my question is: if the leaks really are fixed in 3.5 SP1, will installing that service pack also fix the same leaks in 3.0?

(Of course, only the Beta of 3.5 SP1 is currently available, but I could be brave and try it).

My question was not intended to be about the specific issue I am facing, but the general issue of whether patching .Net Framework 3.5 would also affect my code which is a client of .Net Framework 3.0. I don't understand how the various versions of .Net that have been installed interact.

However, since you ask, I can also give details of the specific issue I am trying to resolve.

I have a server application that uses FlowDocument to turn some text and images into a nice-looking document. The FlowDocument is constructed from XAML.

If the FlowDocument has no images in it, then when I am finished with it, all memory is happily released. But if there are Image elements in the XAML, then lots of memory is leaked, and the files providing the image contents are held open.

I read that some image-related leaks in .Net Framework itself are fixed by 3.5 SP1. So I want to know whether these might fix my issues. I hoped to get an indication of the likelihood of this, before going to the trouble of installing SP1, particularly if it might be difficult to uninstall.

<http://blogs.msdn.com/jgoldb/archive/2008/05/04/memory-leaks-in-wpf-based-applications-blog-update.aspx>