

Re: Relationship between versions of .Net Framework

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Hello P,

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 would also check to see if your issues are not already cleared up by .Net 3.0 SP1

This would have been installed (I think) by an installation of .Net 3.5 (If you have that present on your machine) however it is available from

<http://www.microsoft.com/downloads/details.aspx?familyid=EC2CA85D-B255-4425-9E65-1E88A0BDB72A&disp>

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.

Typically an application attempts to "use" the version of the framework that it was compiled against. If this is not available I believe it will use the latest available version. This only applies to 1.0, 1.1 and 2.0 however. 3.0 and 3.5 use the 2.0 version of the CLR and so may be considered to be additions to the 2.0 libraries. This is much the same as if you had included third party libraries in your app

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?

Hard to say. I would have expected such things fixed in say 3.0 SP2 which may itself be included in 3.5 SP1.

But this is Microsoft, and with the best will in the world, general consensus (although not unanimous) is that

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they have issues with their versioning within ..Net. Nothing wrong as such, just a touch difficult to follow sometimes :)

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

Do yourself a favour and don't "Try" anything on a machine you are not prepared to have die on you. I'm not trying to suggest that this will happen, but I've found it really pays to be careful with anything beta

I'm really not sure how helpful any of this will be to you but hopefully something will be :)

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Rory

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