

Re: Slow startup of Deployed Application

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- *From:* "Izzy" <israel.richner@xxxxxxxxx>
 - *Date:* 21 Sep 2006 07:14:54 -0700
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You could try writing a simple single form application and add the ..exe path too this registry key:
HKEY_LOCAL_MACHINE\Software\Microsoft\Windows\CurrentVersion\Run

This way when the OS starts the .NET dll's will get cached.

Or you could even have your application run at startup via this registry key, this way the delay will only happen when the OS starts. If you don't want your app actually starting automatically then add a startup parameter, and don't show the main form when the application is started via the OS.

I hope that makes since.

I don't think the issue is the .NET framework but probably the JIT (Just-In-Time) compiler.

Let me know if this helps.

Izzy

jeff wrote:

Izzy ...

your experience is great ... and thanks for your two cents ... unfortunately, my situation is not the same as yours ... and this is an issue for me and our client.

a single window (form) application with a 'hello world' button on it takes the same time to load for the client as does the production application we built. So as complicated as your application may be, or as 'streamline' your application maybe during the load process, it would be nearly impossible for it to load faster than the 'one form', 'one button' test application – which still takes the same amount of time to load.

The cause of their problem is not 'hardware' as they all have 'dell' computers, with the oldest being 2 yrs and all have 512mb ram... And when

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they double click on the .Net 2005 2.0 framework application which uses a single form and runs NO queries ... it is lightning fast – THE SECOND TIME. it is the first time they experience the delay ... user comes to work, starts up their machine, logs on ... double-clicks icon and waits... user checks a few things ... closes application... goes for a coffee...comes back ... double-clicks icon ... boom application is there ... no lag. So, what this tells me ... I maybe wrong (which I am more times than not) ... that the initial loading of the .net 2 framework is the cause of the delay ... and not the program ...

As for what is delaying the loading of the .net 2 framework – who knows... antivirus programs, disk scanning programs, and so on ... as I said, I do not experience this delay on my development machine or even my test machine and this delay is not consistant between user with the same hardware configuration ... So, I just simply want to pre-load the .net 2 framework during startup... make it an OS delay ... do not delay the opening of our application ... making it a #\$\$^ing application delay.

So,

I will ask my question again ...

Is there a way to preload the .net 2 framework during the computer startup ?

A simple yes or no would be great ...

Thanks
Jeff.

"Izzy" <israel.richner@xxxxxxxx> wrote in message
news:1158782450.971369.50370@xx

If it takes several seconds or even 10 seconds then there is another problem.

My computer is only a 1.8ghz processor with 512mb RAM and when i double click on my .NET 2005 2.0 framework application which uses 3rd party Infragistics controls AND queries a SQL Server 2000 database 6 times on Form load....

It opens in 1 maybe 1.5 seconds.

Yes it is slower than VB6, but not 10 seconds slower or even 4 seconds slower.

So yes you might think about upgrading the users PC's if it's actually taking 10 seconds too load 1 .NET application.

I did create a splash screen once for a .NET application which ran 30 or 40 queries on a database before loading. Even then it only took

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around 7 or 8 seconds too load.

Sorry I can't be of more help, but I don't think the .NET assembly is the entire issue here.

Izzy

Simon Verona wrote:

I'm guessing he's suffering the issue whereby a user clicks on the icon to start his application, then nothing happens for several seconds... This causes the user to get frustrated and click on the icon again, creating multiple copies of the application.

This doesn't help with the perception of performance either... I've had users complain about this.. t's even worse on a fresh install because the application then needs "jitting"

Regards
Simon

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Simon Verona

"Izzy" <israel.richner@xxxxxxxx> wrote in message
news:1158776902.814824.250950@xx

What is the issue?

jeff wrote:

Hi All.

I realize that when my Deployed winforms application starts, Windows needs to load the .net 2 framework before control is given to my application....

Is there anyway to either ...

- preload the .net 2

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framework (windows
startup or whatever)

– splash a screen ...
application loading ... please
wait ... type of
message.

I was considering building a
'launcher' program in VB 6
... a simple
splash
window ...

this launcher would

– open a form ... programing
is starting please be
patient...
– call my application to start
...
– pole a file every few
seconds to check to see if
my main applicaiton
is
open yet ...
– once flag in file set ...
shutdown form...

Any thoughts / ideas ...

Thanks
Jeff.