

Performance Issue (Winforms)

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I have a very weird thing happening:

I have a Pentium M 1.7 ghz Dell Laptop here and a P4 3.2 GHZ Hyperthreaded machine. Both have 1 gig of ram. the P4 3.2 GHZ has a 15,000 rpm scsi drive in it. (translation, WAY FAST)

The strange thing is that our project uses very large winforms (couple of hundred controls on tabs etc.) All of the forms are inherited from our base form class. The Pentium M loads these forms in < 1 second in release compiled mode. The P4 takes 2-3 seconds to open the same window. Both are attached to a sql server on another machine that's a server using Gigabit ethernet. Both are running the program from the local drive.

I tried disabling hyperthreading on the P4 and it didn't matter.

Why is there such a large difference in speed? And how do I get the P4 (and Athlons) to run as fast as the Pentium M? I know that the PM is a fast little sucker, but this is NUTS!

I tried another PM 1.4 ghz and while it wasn't as fast as the 1.7, it still smoked the P4. Hell the 1.7 smokes the P4 when it's running debug code from Vs.net 2003 and the P4 is running release code with nothing else running.

My next test was to ngen on the P4 to see if that mattered. Sped it up slightly but not much at all. I'm stumped.

Thanks for any advice you can give me!

James Hancock