

Re: MFC vs .NET

Source: <http://www.tech-archive.net/Archive/VC/microsoft.public.vc.mfc/2006-08/msg02182.html>

- *From:* "Leon_Amirreza" <amirreza_rahmaty@xxxxxxxxxx>
 - *Date:* Sat, 19 Aug 2006 09:36:22 +0430
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I have created 2 versions of my app C# and c++ mfc (that uses non of .Net) in my time critical functions i used .Net Quick sort and qsort c run tim lib and measured the time using queryperformance function and surprisingly the qsort is not as efficient as .Net Quick sort and that makes the performance of my c++ app something near C# if qsort would do as i expected the c++ app should perform faster

I am wondering if i measured the time incorrectly or .Net Quick sort is faster than qsort??

i tested both application with the same set of input data and the code is really identicall!!

"Joseph M. Newcomer" <newcomer@xxxxxxxxxxxxxx> wrote in message news:9ni6e21geq94118tq959lmgnb5klus79tg@xxxxxxxxxxxx

Managed apps use MSIL. MSIL is compiled "just in time" by the "JIT compiler" into native code. This code is comparable in quality to moderately optimized native code from the C/C++ compiler. I tend to worry when people who are talking about "efficiency" of the "application" also deal with user interfaces and databases; in general, the delay to get anything INTO your address space is two or three orders of magnitude slower than the code that is going to process it, even if the code is really poor, and code that interacts with the user rarely has performance constraints. Unless you're doing massive string processing, image convolution or DSP algorithms, code performance is rarely a concern. If nothing else, do a little performance measurement on an example of what you think is the critically-important code and see if it really matters. Compare this time with the time required to perform a query (locally) or the additional time required to deliver the result of a query (network delays) and see if the time spent actually

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matters. Without these numbers, discussions of "efficiency" don't even make sense.
joe

On Thu, 17 Aug 2006 09:15:58 +0430, "Leon_Amirreza" <amirreza_rahmaty@xxxxxxxxxx> wrote:

if i create a managed app in vc++ .net 2005 which would happen?

- 1- creates a native exe or dll that uses .Net as library
- 2- creates a .Net Managed exe or dll exactly like what c# does

for performace consideration i need to run native to run in the kernel of my app but also use .Net library (like forms class ADO .NET) because of the rich capabilities. anyway i can do it in vs 2005?

Joseph M. Newcomer [MVP]
email: newcomer@xxxxxxxxxxxxxx
Web: <http://www.flounder.com>
MVP Tips: http://www.flounder.com/mvp_tips.htm