

Re: Need a method to send byte arrays from Unmanaged C DLL to VB

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<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.languages.vb/2007-01/msg01151.html>

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Assuming you are in .NET and calling a C dll, you actually have a number of options.

If you want bytes, then declare it as a ByVal byte array. Just be sure you allocate the space (using redim for example) in the .NET side before calling the C routine.

For text data, you can use a StringBuffer instead of a byte array.

HTH,
Tom

PS – The interop group is probably a better fit for this kind of question in the future

Vince Castellano wrote:

Hello,

What is the proper way to send byte arrays (or strings for that matter), from a C DLL to VB? I have tried by prototyping the call in VB with ByRef Byte[] as a parameter, then treating it in C as a pointer to unsigned char, and then I tried a memcpy, as well as using pointer arithmetic to copy over byte per byte.

However, everything I try causes a runtime error regarding the stack being unbalanced. I am sure I am doing this all wrong, however there has to be a way to get a piece of memory from C into VB, and I just can't find it, nor any information on it.

If this is not the proper group, please point me in the right direction.

Thanks for any help,
Vince

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