

Re: converting double pointer in C#

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.languages.csharp/2004-03/7409.html>

From: Mattias Sjögren (*mattias.dont.want.spam_at_mvps.org*)

Date: 03/26/04

Date: Fri, 26 Mar 2004 21:35:39 +0100

John,

I'd do it like this

```
[DllImport("kernel32.dll", EntryPoint="RtlMoveMemory")]
static extern void CopyMemory(IntPtr dest, IntPtr[] src, int cb);
```

```
IntPtr[] ptrs = new IntPtr[10];
for ( int i = 0; i < ptrs.Length; i++ )
    ptrs[i] = Marshal.AllocHGlobal( 256 );
_list.test_list = Marshal.AllocHGlobal(10 * IntPtr.Size);
CopyMemory(_list.test_list, ptrs, 10 * IntPtr.Size);
```

And don't forget to free the memory when you're done.

Mattias

--

Mattias Sjögren [MVP] mattias@mvps.org
<http://www.msjoegren.net/dotnet/> | <http://www.dotnetinterop.com>
Please reply only to the newsgroup.