

Re: System-wide hooking, VB+ASM

Source: <http://www.tech-archive.net/Archive/VB/microsoft.public.vb.winapi/2005-06/msg00128.html>

- *From:* "Karl E. Peterson" <karl@xxxxxxxx>
 - *Date:* Thu, 2 Jun 2005 16:45:09 -0700
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J French wrote:

>> Unless you have, or are aware of, a real example of that then you
>> can't say it is possible. Do you have an example of a system-wide
>> hook using just VB? In other words, not using additional tools not
>> provided with VB and/or not documented in the MSDN.
>
> I have just done some experiments (with the usual horrendous crashes)
> and have /not/ managed to make it work reliably.
>
> A system wide keyboard hook installs and uninstalls Ok, but I got
> crashes when the DLL was being mapped into another process's address
> space.

I can't seem to force the crash here. Got the hook installing just fine, but not reacting at all to other processes. I wonder if that's an OS difference? (Running W2K/SP4 here.)

> Since the mapping takes place 'on demand' (ie: when you press a key
> over another App) it is difficult to tell whether it is the mapping
> that is causing the crash, or the actual hook routine.

My hunch is, in fact I'm well-near certain, that you'd need to initialize the runtime on entrance.

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Working Without a .NET?
<http://classicvb.org/petition>

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- *Follow-Ups:*
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◇ *From:* J French
 - *References:*
 - ◆ ***Re: System-wide hooking, VB+ASM***
◇ *From:* J French

Re: System-wide hooking, VB+ASM

◆ ***Re: System-wide hooking, VB+ASM***

◇ *From:* Sam Hobbs

◆ ***Re: System-wide hooking, VB+ASM***

◇ *From:* J French

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