Why hasn't the API hook mechanism for x64 been standardized like it was for x86?

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Joshua posted to the Suggestion Box, "Around the time of WinXP SP2 x86, the API hook mechanism was standardized. Why wasn't the same thing done for x64?" Who said it was standardized for x86? Hooking APIs is not supported by Windows. There may be specific interfaces that expose hooks (like `CoRegisterInitializeSpy` to let you monitor calls to `CoInitialize` and `CoUninitialize`, and `SetWindowsHookEx` to let you hook various window manager operations) but there is no supported general API hooking mechanism provided by the operating system.

So I don't know where you got that idea from.

Raymond Chen

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