

Why does the function `WSASetLastError` exist?

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Why does the function `WSASetLastError` exist when there is already the perfectly good function `SetLastError`?

Actually, you know the answer too, if you sit down and think about it.

Winsock was originally developed to run on both 16-bit Windows and 32-bit Windows. Notice how the classic Winsock functions are based on window messages for asynchronous notifications. In the 16-bit world, there was no `SetLastError` function. Therefore, Winsock had to provide its own version for the 16-bit implementation. And since source code compatibility is important, there was a 32-bit version as well. Of course, the 32-bit version looks kind of stupid in retrospect if you aren't aware of the 16-bit version.

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