
Subject: Re: 32 bit wchar - for now in branch
Posted by [Tom1](#) on Tue, 16 Nov 2021 07:35:39 GMT
[View Forum Message](#) <> [Reply to Message](#)

In more detail, MSBT17 builds OK but MSBT17x64 fails on:
c:\upp-16111\ultimatepp-wchar\uppsrc\core\SIMD_SSE2.h(8): error C2668:
'Upp::_mm_storeu_ps': ambiguous call to overloaded function
c:/program files (x86)/microsoft visual
studio/2017/buildtools/vc/tools/msvc/14.16.27023/include\intrin.h(853): note: could be 'void
Upp::_mm_storeu_ps(float *, __m128)'
c:/program files (x86)/microsoft visual
studio/2017/buildtools/vc/tools/msvc/14.16.27023/include\xmmmintrin.h(345): note: or 'void
_mm_storeu_ps(float *, __m128)' [found using argument-dependent lookup]
c:\upp-16111\ultimatepp-wchar\uppsrc\core\SIMD_SSE2.h(8): note: while trying to match the
argument list '(float *, __m128)'
c:\upp-16111\ultimatepp-wchar\uppsrc\core\SIMD_SSE2.h(9): error C2668: 'Upp::_mm_store_sd':
ambiguous call to overloaded function
c:/program files (x86)/microsoft visual
studio/2017/buildtools/vc/tools/msvc/14.16.27023/include\intrin.h(842): note: could be 'void
Upp::_mm_store_sd(double *, __m128d)'
c:/program files (x86)/microsoft visual
studio/2017/buildtools/vc/tools/msvc/14.16.27023/include\emmintrin.h(203): note: or 'void
_mm_store_sd(double *, __m128d)' [found using argument-dependent lookup]
c:\upp-16111\ultimatepp-wchar\uppsrc\core\SIMD_SSE2.h(9): note: while trying to match the
argument list '(double *, __m128d)'
...

And there are quite a few of these places in SIMD_SSE2.h with MSBT17x64. The same issue was present with MSBT19x64 until I updated the compiler, so this must be a compiler bug that needs bypassing.

Best regards,

Tom
