
Subject: Errors when compiling TheIDE

Posted by [Tom1](#) on Sat, 06 Nov 2021 09:41:41 GMT

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Hi,

I seem to get a whole bunch of errors when compiling TheIDE after updating latest sources from GIT. This is just the beginning:

C:\lupp-git\lupp.src\luppsrc\Core\SIMD_SSE2.h(8): error C2668: 'Upp::_mm_storeu_ps': ambiguous call to overloaded function

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studio/2019/buildtools/vc/tools/msvc/14.21.27702/include/intrin.h(848): note: could be 'void

Upp::_mm_storeu_ps(float *, __m128)'

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studio/2019/buildtools/vc/tools/msvc/14.21.27702/include/xmmmintrin.h(345): note: or 'void _mm_storeu_ps(float *, __m128)' [found using argument-dependent lookup]

C:\lupp-git\lupp.src\luppsrc\Core\SIMD_SSE2.h(8): note: while trying to match the argument list '(float *, __m128)'

C:\lupp-git\lupp.src\luppsrc\Core\SIMD_SSE2.h(9): error C2668: 'Upp::_mm_store_sd': ambiguous call to overloaded function

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studio/2019/buildtools/vc/tools/msvc/14.21.27702/include/intrin.h(837): note: could be 'void

Upp::_mm_store_sd(double *, __m128d)'

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studio/2019/buildtools/vc/tools/msvc/14.21.27702/include/emmintrin.h(203): note: or 'void _mm_store_sd(double *, __m128d)' [found using argument-dependent lookup]

C:\lupp-git\lupp.src\luppsrc\Core\SIMD_SSE2.h(9): note: while trying to match the argument list '(double *, __m128d)'

...

The above seems fixable with adding 'Upp::' in front of each ambiguous _mm* call, but I'm not sure that's the correct way to deal with this.

I'm working on Windows with MSBT19x64.

Best regards,

Tom

Subject: Re: Errors when compiling TheIDE

Posted by [Tom1](#) on Wed, 10 Nov 2021 07:00:16 GMT

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Hi,

Thanks, it seems to be fixed now!

There are some warnings though, when compiling CvFlt.cpp with MSBT19x64:

C:\upp-16111\upp.src\uppsrc\Core\CvFilt.cpp(200): warning C4244: 'argument': conversion from 'Upp::uint64' to 'Upp::dword', possible loss of data
C:\upp-16111\upp.src\uppsrc\Core\CvFilt.cpp(200): warning C4244: 'argument': conversion from 'Upp::uint64' to 'Upp::dword', possible loss of data
C:\upp-16111\upp.src\uppsrc\Core\CvFilt.cpp(201): warning C4244: 'argument': conversion from 'Upp::uint64' to 'Upp::dword', possible loss of data
C:\upp-16111\upp.src\uppsrc\Core\CvFilt.cpp(201): warning C4244: 'argument': conversion from 'Upp::uint64' to 'Upp::dword', possible loss of data
C:\upp-16111\upp.src\uppsrc\Core\CvFilt.cpp(201): warning C4244: 'argument': conversion from 'Upp::uint64' to 'Upp::dword', possible loss of data
C:\upp-16111\upp.src\uppsrc\Core\CvFilt.cpp(202): warning C4244: 'argument': conversion from 'Upp::uint64' to 'Upp::dword', possible loss of data
C:\upp-16111\upp.src\uppsrc\Core\CvFilt.cpp(202): warning C4244: 'argument': conversion from 'Upp::uint64' to 'Upp::dword', possible loss of data
C:\upp-16111\upp.src\uppsrc\Core\CvFilt.cpp(202): warning C4244: 'argument': conversion from 'Upp::uint64' to 'Upp::dword', possible loss of data
Core: 1 file(s) built in (0:00.98), 984 msecs / file

OK. (0:01.07)

Best regards,

Tom
