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Subject: Re: Eigen updated

Posted by [Sender Ghost](#) on Fri, 22 May 2020 09:42:22 GMT

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koldo wrote on Fri, 22 May 2020 08:23Quote:Possible to fix Eigen build issue, if place usage of intrinsic(s) (e.g. in uppsrc/Core) inside of C++ (\*.cpp) instead of header (\*.h) files. Maybe there are other methods. Yes, that would solve it all.

The problem of this is that inline functions have to be in .h, and Core/Blit.h includes inline void memsetd().

Looks like, the Eigen build issue with <smmintrin.h> include was because of its include inside of (Upp) namespace.

I attached newer patch in Redmine #2035. But if there is a need to support CPUs without SSE2 instructions, there is a need to provide other implementations, based on \_\_SSE2\_\_ (or other) check, I guess.

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