I'm sorry to say this, but Eigen_demo is broken again. This time after Mirek's commit.

template<> EIGEN_STRONG_INLINE Packet16b pset1<Packet16b>(const bool&   from) { return _mm_set1_epi8(static_cast<char>(from)); }

^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
/home/ssg/.local/soft/bb-worker/worker/upp/build/uppsrc/plugin/Eigen/Eigen/src/Core/arch/SSE/Pa
cketMath.h:227:93: error: use of undeclared identifier '_mm_castsi128_ps'; did you mean
'Upp::_mm_castsi128_ps'?
template<> EIGEN_STRONG_INLINE Packet4f pset1frombits<Packet4f>(unsigned int from) {
return _mm_castsi128_ps(pset1<Packet4i>(from)); }
                                                    ^~~~~~~~~~~~~~~~
                                                    Upp::_mm_castsi128_ps
/usr/lib/llvm-10/lib/clang/10.0.0/include/emmintrin.h:4930:1: note: 'Upp::_mm_castsi128_ps'
declared here
_mm_castsi128_ps(__m128i __a)
^
In file included from
/home/ssg/.local/soft/bb-worker/worker/upp/build/uppsrc/plugin/Eigen/Eigen.cpp:2:
In file included from
/home/ssg/.local/soft/bb-worker/worker/upp/build/uppsrc/plugin/Eigen/Eigen.h:19:
In file included from
/home/ssg/.local/soft/bb-worker/worker/upp/build/uppsrc/plugin/Eigen/Eigen/Eigen:1:
In file included from
/home/ssg/.local/soft/bb-worker/worker/upp/build/uppsrc/plugin/Eigen/Eigen/Dense:1:
In file included from
/home/ssg/.local/soft/bb-worker/worker/upp/build/uppsrc/plugin/Eigen/Eigen/Core:193:
/home/ssg/.local/soft/bb-worker/worker/upp/build/uppsrc/plugin/Eigen/Eigen/src/Core/arch/SSE/Pa
cketMath.h:227:110: error: cannot initialize a parameter of type 'Upp::__m128i' (vector of 2 'long
long' values) with an rvalue of type 'Eigen::internal::Packet4i' (aka 'int')
template<> EIGEN_STRONG_INLINE Packet4f pset1frombits<Packet4f>(unsigned int from) {
return _mm_castsi128_ps(pset1<Packet4i>(from)); }
                                                    ^~~~~~~~~~~~~~~~~~~~
/usr/lib/llvm-10/lib/clang/10.0.0/include/emmintrin.h:4930:26: note: passing argument to parameter
'__a' here
_mm_castsi128_ps(__m128i __a)
                        ^
In file included from
/home/ssg/.local/soft/bb-worker/worker/upp/build/uppsrc/plugin/Eigen/Eigen.cpp:2:
In file included from
/home/ssg/.local/soft/bb-worker/worker/upp/build/uppsrc/plugin/Eigen/Eigen.h:19:
In file included from
/home/ssg/.local/soft/bb-worker/worker/upp/build/uppsrc/plugin/Eigen/Eigen/Eigen:1:
In file included from

/home/ssg/.local/soft/bb-worker/worker/upp/build/uppsrc/plugin/Eigen/Eigen/Dense:1:
In file included from
/home/ssg/.local/soft/bb-worker/worker/upp/build/uppsrc/plugin/Eigen/Eigen/Core:193:
/home/ssg/.local/soft/bb-worker/worker/upp/build/uppsrc/plugin/Eigen/Eigen/src/Core/arch/SSE/Pa
cketMath.h:229:79: error: use of undeclared identifier '_mm_setzero_ps'; did you mean
'Upp::_mm_setzero_ps'?
template<> EIGEN_STRONG_INLINE Packet4f pzero(const Packet4f& /*a*/) { return
_mm_setzero_ps(); }
                                                              ^~~~~~~~~~~~~~
                                                              Upp::_mm_setzero_ps
/usr/lib/llvm-10/lib/clang/10.0.0/include/xmmintrin.h:1903:1: note: 'Upp::_mm_setzero_ps' declared
here
_mm_setzero_ps(void)
^
fatal error: too many errors emitted, stopping now [-ferror-limit=]
20 errors generated.
plugin/Eigen: 1 file(s) built in (0:00.88), 886 msecs / file
Eigen_demo: 3 file(s) built in (0:00.91), 305 msecs / file