Subject: Problem in installation of jul14p3
Posted by Lia Lavezzi on Thu, 18 Dec 2014 12:44:05 GMT
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Hallo,
I tried installing on Ubuntu 14.10 (gcc 4.9.1) the externals jul14p3 but the installation ends with this error:

```
g++ -DVC_COMPILE_LIB -g -pipe -Wshadow -W -Woverloaded-virtual -fPIC -Iinclude
-DR__HAVE_CONFIG -pthread -fabi-version=0  -Wno-unused-function -mavx -c -o
math/vc/src/trigonometric__mavx.cpp.o
/home/lavezzi/fairsoft/jul14p3/fairsoft_jul14p3/tools/root/math/vc/src/t rigonometric.cpp
In file included from include/Vc/avx/vector.h:23:0,
                 from include/Vc/vector.h:30,
                 from include/Vc/Vc:22,
                 from  /home/lavezzi/fairsoft/jul14p3/fairsoft_jul14p3/tools/root/math/vc/src/t
rigonometric.cpp:20:
include/Vc/avx/intrinsics.h:478:0: warning: "_mm256_blend_epi16" redefined
 #   define _mm256_blend_epi16(a0, b0, m) \
 ^
In file included from /usr/lib/gcc/x86_64-linux-gnu/4.9/include/immintrin.h:43:0,
                 from include/Vc/avx/intrinsics.h:30,
                 from include/Vc/avx/vector.h:23,
                 from include/Vc/vector.h:30,
                 from include/Vc/Vc:22,
                 from  /home/lavezzi/fairsoft/jul14p3/fairsoft_jul14p3/tools/root/math/vc/src/t
rigonometric.cpp:20:
/usr/lib/gcc/x86_64-linux-gnu/4.9/include/avx2intrin.h:224:0: note: this is the location of the
previous definition
 #define _mm256_blend_epi16(X, Y, M)     \
 ^
In file included from /usr/lib/gcc/x86_64-linux-gnu/4.9/include/immintrin.h:43:0,
                 from include/Vc/avx/intrinsics.h:30,
                 from include/Vc/avx/vector.h:23,
                 from include/Vc/vector.h:30,
                 from include/Vc/Vc:22,
                 from  /home/lavezzi/fairsoft/jul14p3/fairsoft_jul14p3/tools/root/math/vc/src/t
rigonometric.cpp:20:
include/Vc/avx/intrinsics.h:292:40: error: expected ')' before '__builtin_ia32_psrldqi256'
    static Vc_INTRINSIC m256i Vc_CONST _mm256_srli_si256(param256i a0, const int i) {
                                       ^
In file included from include/Vc/avx/undomacros.h:26:0,
                 from include/Vc/avx/intrinsics.h:597,
                 from include/Vc/avx/vector.h:23,
                 from include/Vc/vector.h:30,
                 from include/Vc/Vc:22,
                 from  /home/lavezzi/fairsoft/jul14p3/fairsoft_jul14p3/tools/root/math/vc/src/t
rigonometric.cpp:20:
include/Vc/avx/../common/undomacros.h:106:27: error: expected '}' before end of line
 #pragma GCC diagnostic pop
                        ^
include/Vc/avx/../common/undomacros.h:106:27: error: expected '}' before end of line
```

```
include/Vc/avx/../common/undomacros.h:106:27: error: expected '}' before end of line
include/Vc/avx/../common/undomacros.h:106:27: error: expected declaration before end of line
g++ -DVC_COMPILE_LIB -g -pipe -Wshadow -W -Woverloaded-virtual -fPIC -Iinclude
-DR__HAVE_CONFIG -pthread -fabi-version=0  -Wno-unused-function -mavx -mxop -mfma4
-c -o math/vc/src/trigonometric__mavx__mxop__mfma4.cpp.o
/home/lavezzi/fairsoft/jul14p3/fairsoft_jul14p3/tools/root/math/vc/src/t rigonometric.cpp
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                 from include/Vc/vector.h:30,
                 from include/Vc/Vc:22,
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In file included from /usr/lib/gcc/x86_64-linux-gnu/4.9/include/immintrin.h:43:0,
                 from include/Vc/avx/intrinsics.h:30,
                 from include/Vc/avx/vector.h:23,
                 from include/Vc/vector.h:30,
                 from include/Vc/Vc:22,
                 from  /home/lavezzi/fairsoft/jul14p3/fairsoft_jul14p3/tools/root/math/vc/src/t
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previous definition
 #define _mm256_blend_epi16(X, Y, M)     \
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In file included from /usr/lib/gcc/x86_64-linux-gnu/4.9/include/immintrin.h:43:0,
                 from include/Vc/avx/intrinsics.h:30,
                 from include/Vc/avx/vector.h:23,
                 from include/Vc/vector.h:30,
                 from include/Vc/Vc:22,
                 from  /home/lavezzi/fairsoft/jul14p3/fairsoft_jul14p3/tools/root/math/vc/src/t
rigonometric.cpp:20:
include/Vc/avx/intrinsics.h:292:40: error: expected ')' before '__builtin_ia32_psrldqi256'
    static Vc_INTRINSIC m256i Vc_CONST _mm256_srli_si256(param256i a0, const int i) {
                                       ^
In file included from include/Vc/avx/undomacros.h:26:0,
                 from include/Vc/avx/intrinsics.h:597,
                 from include/Vc/avx/vector.h:23,
                 from include/Vc/vector.h:30,
                 from include/Vc/Vc:22,
                 from  /home/lavezzi/fairsoft/jul14p3/fairsoft_jul14p3/tools/root/math/vc/src/t
rigonometric.cpp:20:
include/Vc/avx/../common/undomacros.h:106:27: error: expected '}' before end of line
 #pragma GCC diagnostic pop
                        ^
include/Vc/avx/../common/undomacros.h:106:27: error: expected '}' before end of line
include/Vc/avx/../common/undomacros.h:106:27: error: expected '}' before end of line
include/Vc/avx/../common/undomacros.h:106:27: error: expected declaration before end of line
g++ -DVC_COMPILE_LIB -g -pipe -Wshadow -W -Woverloaded-virtual -fPIC -Iinclude
-DR__HAVE_CONFIG -pthread -fabi-version=0  -Wno-unused-function -mavx -c -o
math/vc/src/avx_sorthelper.cpp.o
/home/lavezzi/fairsoft/jul14p3/fairsoft_jul14p3/tools/root/math/vc/src/a vx_sorthelper.cpp
```

```
In file included from  /home/lavezzi/fairsoft/jul14p3/fairsoft_jul14p3/tools/root/math/vc/src/a
vx_sorthelper.cpp:20:0:
include/Vc/avx/intrinsics.h:478:0: warning: "_mm256_blend_epi16" redefined
 #   define _mm256_blend_epi16(a0, b0, m) \
 ^
In file included from /usr/lib/gcc/x86_64-linux-gnu/4.9/include/immintrin.h:43:0,
                 from include/Vc/avx/intrinsics.h:30,
                 from  /home/lavezzi/fairsoft/jul14p3/fairsoft_jul14p3/tools/root/math/vc/src/a
vx_sorthelper.cpp:20:
/usr/lib/gcc/x86_64-linux-gnu/4.9/include/avx2intrin.h:224:0: note: this is the location of the
previous definition
 #define _mm256_blend_epi16(X, Y, M)     \
 ^
include/Vc/avx/intrinsics.h:292:40: error: expected ')' before '__builtin_ia32_psrldqi256'
    static Vc_INTRINSIC m256i Vc_CONST _mm256_srli_si256(param256i a0, const int i) {
                                       ^
In file included from include/Vc/avx/undomacros.h:26:0,
                 from include/Vc/avx/intrinsics.h:597,
                 from  /home/lavezzi/fairsoft/jul14p3/fairsoft_jul14p3/tools/root/math/vc/src/a
vx_sorthelper.cpp:20:
include/Vc/avx/../common/undomacros.h:106:27: error: expected '}' before end of line
 #pragma GCC diagnostic pop
                         ^
include/Vc/avx/../common/undomacros.h:106:27: error: expected '}' before end of line
include/Vc/avx/../common/undomacros.h:106:27: error: expected '}' before end of line
include/Vc/avx/../common/undomacros.h:106:27: error: expected declaration before end of line
 /home/lavezzi/fairsoft/jul14p3/fairsoft_jul14p3/tools/root/math/vc/Modul e.mk:55: recipe for
target 'math/vc/src/avx_sorthelper.cpp.o' failed
make: *** [math/vc/src/avx_sorthelper.cpp.o] Error 1
**** Checking libraries in /home/lavezzi/fairsoft/jul14p3/fairsoft_jul14p3/externals/lib ****
*** ERROR: root could not be created.
*** End installation of external packages with Errors***
```

Any ideas?
Thank you in advance,
Lia.