(SOLVED) Build script fails on frei0r plugins

Submitted by GMaq on Sat, 07/14/2012 - 01:26
Posted in

- Installation from source [1]

Hi,

I'm experimenting with the build script on AV Linux/Debian Squeeze 32bit, If I disable frei0r in the script the build succeeds however with frei0r enabled the script fails with this:

```
In file included from /usr/include/opencv/cxcore.h:1826:0,
from /usr/include/opencv/cv.h:58,
from filter/facebl0r/facebl0r.cpp:20:
/usr/include/opencv/cxcore.hpp:177:13: error: 'ptrdiff_t' does not name a type
/bin/sh ../libtool --tag=CXX --tag=disable-static --mode=link g++ -module -avoid-version -lm -export-dynamic -o addition.la -rpath /home/tester/kdenlive/20120713/lib/frei0r-1 addition.lo
In file included from /usr/include/opencv/cxcore.hpp:2307:0,
from /usr/include/opencv/cxcore.h:1826,
from /usr/include/opencv/cv.h:58,
from filter/facebl0r/facebl0r.cpp:20:
/usr/include/opencv/cxoperations.hpp:2043:15: error: 'ptrdiff_t' does not name a type
/usr/include/opencv/cxoperations.hpp:2591:31: error: 'ptrdiff_t' does not name a type
In file included from /usr/include/opencv/cxcore.hpp:2308:0,
from /usr/include/opencv/cxcore.h:1826,
from /usr/include/opencv/cv.h:58,
from filter/facebl0r/facebl0r.cpp:20:
/usr/include/opencv/cxmat.hpp: In member function 'void cv::Mat::locateROI(cv::Size&, cv::Point&) const':
/usr/include/opencv/cxmat.hpp:387:5: error: 'ptrdiff_t' was not declared in this scope
/usr/include/opencv/cxmat.hpp:387:5: note: suggested alternatives:
/usr/include/c++/4.6/i486-linux-gnu/./bits/c++config.h:156:28: note: 'std::ptrdiff_t'
/usr/include/c++/4.6/i486-linux-gnu/./bits/c++config.h:156:28: note: 'std::ptrdiff_t'
/usr/include/opencv/cxmat.hpp:387:15: error: expected ';' before 'delta1'
/usr/include/opencv/cxmat.hpp:389:9: error: 'delta1' was not declared in this scope
/usr/include/opencv/cxmat.hpp:398:31: error: 'delta2' was not declared in this scope
mv -f .deps/vectorscope_la-vectorscope.Tpo .deps/vectorscope_la-vectorscope.Plo
/bin/sh ../libtool --tag=CXX --tag=disable-static --mode=link g++ -module -avoid-version -lm -export-dynamic -o addition_alpha.la -rpath /home/tester/kdenlive/20120713/lib/frei0r-1 addition_alpha.lo
mv -f .deps/rgbparade_la-rgbparade.Tpo .deps/rgbparade_la-rgbparade.Plo
/bin/sh ../libtool --tag=CC --tag=disable-static --mode=link gcc -std=gnu99 -I../include -module -avoid-version -lm -export-dynamic -o alpha0ps.la -rpath /home/tester/kdenlive/20120713/lib/frei0r-1 alpha0ps.lo
/usr/include/opencv/cxmat.hpp: In member function 'cv::Point cv::MatConstIterator_<_Tp>::pos() const':
/usr/include/opencv/cxmat.hpp:3459:9: error: 'ptrdiff_t' was not declared in this scope
/usr/include/opencv/cxmat.hpp:3459:9: note: suggested alternatives:
/usr/include/c++/4.6/i486-linux-gnu/./bits/c++config.h:156:28: note: 'std::ptrdiff_t'
/usr/include/c++/4.6/i486-linux-gnu/./bits/c++config.h:156:28: note: 'std::ptrdiff_t'
/usr/include/opencv/cxmat.hpp:3459:19: error: expected ';' before 'ofs'
/usr/include/opencv/cxmat.hpp:3460:23: error: 'ofs' was not declared in this scope
/usr/include/opencv/cxmat.hpp:3460:66: error: expected ')' before 'y'
/usr/include/opencv/cxmat.hpp:3465:9: error: 'ptrdiff_t' was not declared in this scope
/usr/include/opencv/cxmat.hpp:3465:9: note: suggested alternatives:
```

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/usr/include/c++/4.6/i486-linux-gnu/./bits/c++config.h:156:28: note: 'std::ptrdiff_t'
/usr/include/c++/4.6/i486-linux-gnu/./bits/c++config.h:156:28: note: 'std::ptrdiff_t'
/usr/include/opencv/cxmat.hpp:3465:19: error: expected ';' before 'ofs'
/usr/include/opencv/cxmat.hpp:3466:23: error: 'ofs' was not declared in this scope
libtool: link: g++ -shared -nostdlib /usr/lib/gcc/i486-linux-gnu/4.6/../../../i386-linux-gnu/crti.o
/usr/lib/gcc/i486-linux-gnu/4.6/crtbeginS.o .libs/addition.o -L/usr/lib/gcc/i486-linux-gnu/4.6
-L/usr/lib/gcc/i486-linux-gnu/4.6/../../../i386-linux-gnu -L/usr/lib/gcc/i486-linux-gnu/4.6/../../../../lib
-L/lib/i386-linux-gnu -L/lib/../lib -L/usr/lib/i386-linux-gnu -L/usr/lib/../lib -L/usr/lib/gcc/i486-linux-
gnu/4.6/../../.. -lstdc++ -lm -lc -lgcc_s /usr/lib/gcc/i486-linux-gnu/4.6/crtendS.o /usr/lib/gcc/i486-linux-
gnu/4.6/../../../i386-linux-gnu/crtn.o -Wl,-soname -Wl,addition.so -o .libs/addition.so
In file included from /usr/include/opencv/cxcore.h:1826:0,
from /usr/include/opencv/cv.h:58,
from filter/facedetect/facedetect.cpp:28:
/usr/include/opencv/cxcore.hpp:177:13: error: 'ptrdiff_t' does not name a type
libtool: link: gcc -std=gnu99 -shared .libs/alpha0ps.o -lm -Wl,-soname -Wl,alpha0ps.so -o
.libs/alpha0ps.so
libtool: link: ( cd ".libs" && rm -f "addition.la" && ln -s "../addition.la" "addition.la" )
/bin/sh ../libtool --tag=CXX --tag=disable-static --mode=link g++ -module -avoid-version -lm -export-
dynamic -o alphaatop.la -rpath /home/tester/kdenlive/20120713/lib/frei0r-1 alphaatop.lo
libtool: link: g++ -shared -nostdlib /usr/lib/gcc/i486-linux-gnu/4.6/../../../i386-linux-gnu/crti.o
/usr/lib/gcc/i486-linux-gnu/4.6/crtbeginS.o .libs/addition_alpha.o -L/usr/lib/gcc/i486-linux-gnu/4.6
-L/usr/lib/gcc/i486-linux-gnu/4.6/../../../i386-linux-gnu -L/usr/lib/gcc/i486-linux-gnu/4.6/../../../../lib
-L/lib/i386-linux-gnu -L/lib/../lib -L/usr/lib/i386-linux-gnu -L/usr/lib/../lib -L/usr/lib/gcc/i486-linux-
gnu/4.6/../../.. -lstdc++ -lm -lc -lgcc_s /usr/lib/gcc/i486-linux-gnu/4.6/crtendS.o /usr/lib/gcc/i486-linux-
gnu/4.6/../../../i386-linux-gnu/crtn.o -Wl,-soname -Wl,addition_alpha.so -o .libs/addition_alpha.so
libtool: link: ( cd ".libs" && rm -f "alpha0ps.la" && ln -s "../alpha0ps.la" "alpha0ps.la" )
/bin/sh ../libtool --tag=CC --tag=disable-static --mode=link gcc -std=gnu99 -I../include -module
-avoid-version -lm -export-dynamic -o alphagrad.la -rpath
/home/tester/kdenlive/20120713/lib/frei0r-1 alphagrad.lo
In file included from /usr/include/opencv/cxcore.hpp:2307:0,
from /usr/include/opencv/cxcore.h:1826,
from /usr/include/opencv/cv.h:58,
from filter/facedetect/facedetect.cpp:28:
/usr/include/opencv/cxoperations.hpp:2043:15: error: 'ptrdiff_t' does not name a type
make[1]: *** [facebl0r.lo] Error 1
make[1]: *** Waiting for unfinished jobs....
libtool: link: ( cd ".libs" && rm -f "addition_alpha.la" && ln -s "../addition_alpha.la" "addition_alpha.la"
)
/usr/include/opencv/cxoperations.hpp:2591:31: error: 'ptrdiff_t' does not name a type
In file included from /usr/include/opencv/cxcore.hpp:2308:0,
from /usr/include/opencv/cxcore.h:1826,
from /usr/include/opencv/cv.h:58,
from filter/facedetect/facedetect.cpp:28:
/usr/include/opencv/cxmat.hpp: In member function 'void cv::Mat::locateROI(cv::Size&, cv::Point&)
const':
/usr/include/opencv/cxmat.hpp:387:5: error: 'ptrdiff_t' was not declared in this scope
/usr/include/opencv/cxmat.hpp:387:5: note: suggested alternatives:
/usr/include/c++/4.6/i486-linux-gnu/./bits/c++config.h:156:28: note: 'std::ptrdiff_t'
/usr/include/c++/4.6/i486-linux-gnu/./bits/c++config.h:156:28: note: 'std::ptrdiff_t'
/usr/include/opencv/cxmat.hpp:387:15: error: expected ';' before 'delta1'
/usr/include/opencv/cxmat.hpp:389:9: error: 'delta1' was not declared in this scope
/usr/include/opencv/cxmat.hpp:398:31: error: 'delta2' was not declared in this scope
libtool: link: gcc -std=gnu99 -shared .libs/alphagrad.o -lm -Wl,-soname -Wl,alphagrad.so -o
.libs/alphagrad.so
libtool: link: ( cd ".libs" && rm -f "alphagrad.la" && ln -s "../alphagrad.la" "alphagrad.la" )
libtool: link: g++ -shared -nostdlib /usr/lib/gcc/i486-linux-gnu/4.6/../../../i386-linux-gnu/crti.o
/usr/lib/gcc/i486-linux-gnu/4.6/crtbeginS.o .libs/alphaatop.o -L/usr/lib/gcc/i486-linux-gnu/4.6
-L/usr/lib/gcc/i486-linux-gnu/4.6/../../../i386-linux-gnu -L/usr/lib/gcc/i486-linux-gnu/4.6/../../../../lib
-L/lib/i386-linux-gnu -L/lib/../lib -L/usr/lib/i386-linux-gnu -L/usr/lib/../lib -L/usr/lib/gcc/i486-linux-
```

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gnu/4.6/../../.. -lstdc++ -lm -lc -lgcc_s /usr/lib/gcc/i486-linux-gnu/4.6/crtendS.o /usr/lib/gcc/i486-linux-gnu/4.6/../../../i386-linux-gnu/crtn.o -Wl,-soname -Wl,alphaatop.so -o .libs/alphaatop.so
/usr/include/opencv/cxmat.hpp: In member function 'cv::Point cv::MatConstIterator_<_Tp>::pos() const':
/usr/include/opencv/cxmat.hpp:3459:9: error: 'ptrdiff_t' was not declared in this scope
/usr/include/opencv/cxmat.hpp:3459:9: note: suggested alternatives:
/usr/include/c++/4.6/i486-linux-gnu/./bits/c++config.h:156:28: note: 'std::ptrdiff_t'
/usr/include/c++/4.6/i486-linux-gnu/./bits/c++config.h:156:28: note: 'std::ptrdiff_t'
/usr/include/opencv/cxmat.hpp:3459:19: error: expected ';' before 'ofs'
/usr/include/opencv/cxmat.hpp:3460:23: error: 'ofs' was not declared in this scope
/usr/include/opencv/cxmat.hpp:3460:66: error: expected ')' before 'y'
/usr/include/opencv/cxmat.hpp:3465:9: error: 'ptrdiff_t' was not declared in this scope
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/usr/include/c++/4.6/i486-linux-gnu/./bits/c++config.h:156:28: note: 'std::ptrdiff_t'
/usr/include/c++/4.6/i486-linux-gnu/./bits/c++config.h:156:28: note: 'std::ptrdiff_t'
/usr/include/opencv/cxmat.hpp:3465:19: error: expected ';' before 'ofs'
/usr/include/opencv/cxmat.hpp:3466:23: error: 'ofs' was not declared in this scope
libtool: link: ( cd ".libs" && rm -f "alphaatop.la" && ln -s "../alphaatop.la" "alphaatop.la" )
make[1]: *** [facedetect.lo] Error 1
make[1]: Leaving directory `/home/tester/kdenlive/src/frei0r/src'
make: *** [all-recursive] Error 1
ERROR: Unable to build frei0r
LOG: Process has finished. Reason: FAILURE Some kind of error occured: Unable to build frei0r
tester@av6devdesk:~$
```

To my knowledge all dev libs are installed. Help or advice appreciated!

Source URL: http://kdenlive.org/forum/solved-build-script-fails-frei0r-plugins

Links:
[1] http://kdenlive.org/forum/users-forums/installation-source